

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024216.D
 Acq On : 08 Apr 2025 17:07
 Operator : RC/JU
 Sample : Q1730-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/09/2025
 Supervised By :Jagrut Upadhyay 04/09/2025

Quant Time: Apr 09 07:17:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	380397	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1449915	20.000	ng	-0.03
39) Acenaphthene-d10	14.375	164	839080	20.000	ng	-0.03
64) Phenanthrene-d10	17.192	188	1580328	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1682505	20.000	ng	0.00
86) Perylene-d12	25.027	264	1850740	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2367585	99.352	ng	-0.02
7) Phenol-d6	6.922	99	3130379	98.232	ng	-0.03
23) Nitrobenzene-d5	8.893	82	1836191	71.452	ng	-0.03
42) 2,4,6-Tribromophenol	15.904	330	1027917	97.255	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4111962	72.260	ng	-0.03
79) Terphenyl-d14	19.916	244	6222833	76.346	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	432478	45.784	ng	98
3) Pyridine	3.693	79	1148465	44.474	ng	98
4) n-Nitrosodimethylamine	3.605	42	393821	45.654	ng	93
6) Aniline	7.075	93	917836	31.613	ng	99
8) 2-Chlorophenol	7.311	128	1240499	48.193	ng	99
9) Benzaldehyde	6.887	77	686585	44.646	ng	97
10) Phenol	6.946	94	1556681	48.389	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	1177449	46.412	ng	99
12) 1,3-Dichlorobenzene	7.628	146	1327658	47.830	ng	100
13) 1,4-Dichlorobenzene	7.775	146	1339287	47.255	ng	99
14) 1,2-Dichlorobenzene	8.087	146	1281491	47.119	ng	99
15) Benzyl Alcohol	7.981	79	981332	48.641	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	1277718	49.347	ng	98
17) 2-Methylphenol	8.181	107	999051	49.524	ng	100
18) Hexachloroethane	8.810	117	487778	48.511	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	844945	45.704	ng	100
20) 3+4-Methylphenols	8.511	107	1339818	48.343	ng	99
22) Acetophenone	8.558	105	1724781	47.052	ng	# 99
24) Nitrobenzene	8.934	77	1237531	48.816	ng	100
25) Isophorone	9.458	82	2319434	52.653	ng	99
26) 2-Nitrophenol	9.640	139	620425	51.235	ng	98
27) 2,4-Dimethylphenol	9.705	122	1066285	68.478	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1515014	48.887	ng	100
29) 2,4-Dichlorophenol	10.175	162	1050894	49.890	ng	99
30) 1,2,4-Trichlorobenzene	10.387	180	1125451	48.360	ng	99
31) Naphthalene	10.569	128	3537552	46.027	ng	100
32) Benzoic acid	9.857	122	742024	48.862	ng	99
33) 4-Chloroaniline	10.681	127	381793	13.881	ng	99
34) Hexachlorobutadiene	10.863	225	664593	49.620	ng	100
35) Caprolactam	11.475	113	344309m	49.874	ng	
36) 4-Chloro-3-methylphenol	11.816	107	1133612	49.887	ng	99
37) 2-Methylnaphthalene	12.181	142	2200763	42.385	ng	100
38) 1-Methylnaphthalene	12.404	142	2294653	45.436	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1179733	48.638	ng	99
41) Hexachlorocyclopentadiene	12.540	237	1549799	177.258	ng	99
43) 2,4,6-Trichlorophenol	12.799	196	804117	52.166	ng	98

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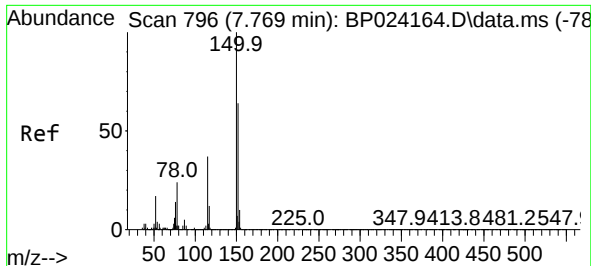
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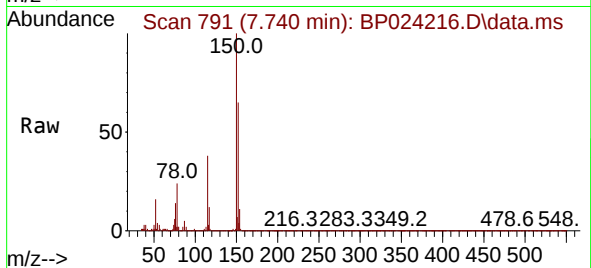
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	881887	52.168	ng	99
46) 1,1'-Biphenyl	13.198	154	3050999	48.388	ng	99
47) 2-Chloronaphthalene	13.240	162	2314992	48.812	ng	99
48) 2-Nitroaniline	13.446	65	649900	53.576	ng	97
49) Acenaphthylene	14.093	152	3804944	53.022	ng	100
50) Dimethylphthalate	13.834	163	2848116	48.510	ng	100
51) 2,6-Dinitrotoluene	13.951	165	637088	51.573	ng	98
52) Acenaphthene	14.445	154	2172104	47.374	ng	99
53) 3-Nitroaniline	14.287	138	240615	18.034	ng	97
54) 2,4-Dinitrophenol	14.493	184	776688	118.823	ng	97
55) Dibenzofuran	14.781	168	3408533	45.894	ng	99
56) 4-Nitrophenol	14.616	139	1242109	111.415	ng	98
57) 2,4-Dinitrotoluene	14.745	165	876316	53.704	ng	98
58) Fluorene	15.445	166	2765323	47.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	745474	49.913	ng	99
60) Diethylphthalate	15.222	149	2877884	49.222	ng	99
61) 4-Chlorophenyl-phenyle...	15.440	204	1356787	47.805	ng	97
62) 4-Nitroaniline	15.469	138	663283	47.399	ng	98
63) Azobenzene	15.740	77	3124242	56.694	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	499710	53.264	ng	98
66) n-Nitrosodiphenylamine	15.663	169	2446073	50.971	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	871839	50.249	ng	97
68) Hexachlorobenzene	16.481	284	1015816	49.465	ng	98
69) Atrazine	16.651	200	852340	73.585	ng	100
70) Pentachlorophenol	16.834	266	1434267	107.999	ng	99
71) Phenanthrene	17.234	178	4270042	49.460	ng	100
72) Anthracene	17.334	178	4357809	51.826	ng	100
73) Carbazole	17.610	167	4062352	50.097	ng	99
74) Di-n-butylphthalate	18.210	149	5130594	53.298	ng	99
75) Fluoranthene	19.333	202	4986707	49.873	ng	100
77) Benzidine	19.522	184	1629821	88.599	ng	99
78) Pyrene	19.704	202	5117907	48.928	ng	100
80) Butylbenzylphthalate	20.657	149	2450988	56.821	ng	98
81) Benzo(a)anthracene	21.633	228	5174331	49.465	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	828540	23.633	ng	98
83) Chrysene	21.698	228	4898522	48.713	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	3665117	56.311	ng	100
85) Di-n-octyl phthalate	22.869	149	6192962	59.386	ng	100
87) Indeno(1,2,3-cd)pyrene	28.886	276	6436692	49.832	ng	98
88) Benzo(b)fluoranthene	23.980	252	5411714	48.497	ng	98
89) Benzo(k)fluoranthene	24.045	252	5368785	49.185	ng	100
90) Benzo(a)pyrene	24.886	252	5214524	53.740	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	5299144	49.312	ng	98
92) Benzo(g,h,i)perylene	30.092	276	5111770m	46.795	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.029 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

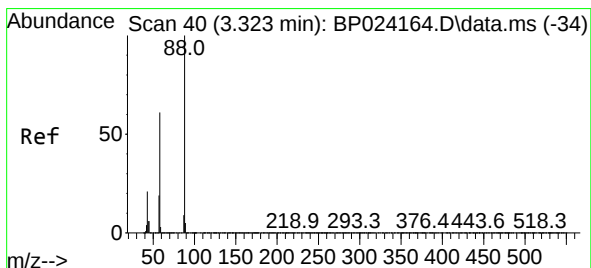
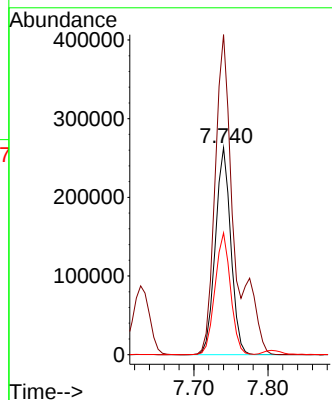
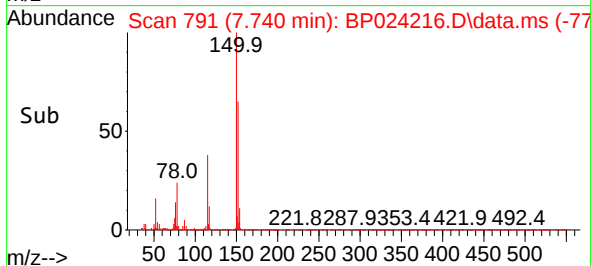
Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325MSD



Tgt Ion: 152 Resp: 380397
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.5 188.3
 115 58.8 46.3 69.5

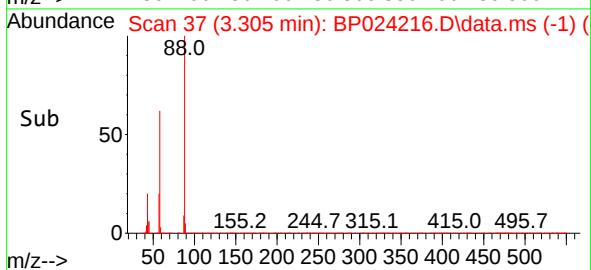
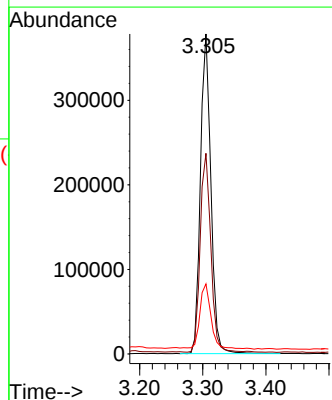
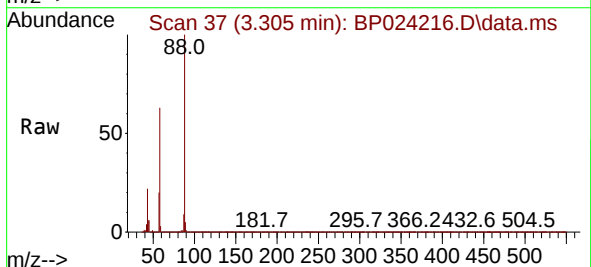
Manual Integrations
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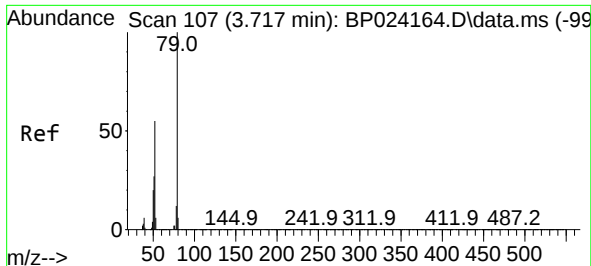
Reviewed By :Anahy Claudio 04/09/2025
 Supervised By :Jagrut Upadhyay 04/09/2025



#2
 1,4-Dioxane
 Concen: 45.784 ng
 RT: 3.305 min Scan# 37
 Delta R.T. -0.018 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

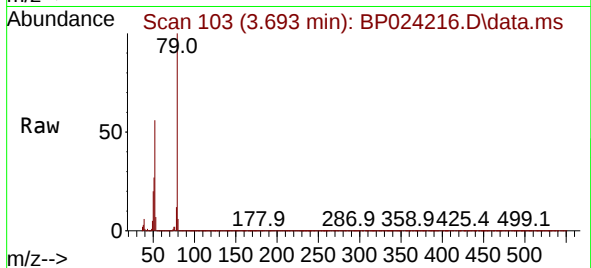
Tgt Ion: 88 Resp: 432478
 Ion Ratio Lower Upper
 88 100
 58 63.6 49.8 74.6
 43 22.1 17.3 25.9





#3
Pyridine
Concen: 44.474 ng
RT: 3.693 min Scan# 107
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

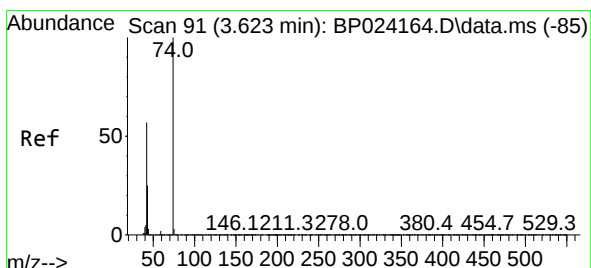
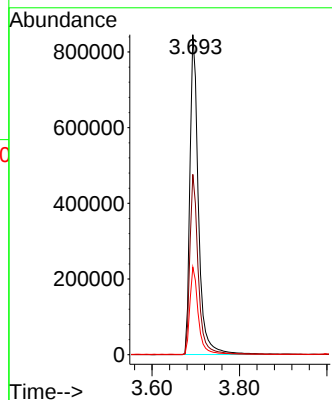
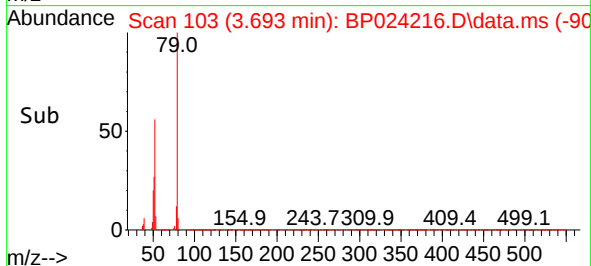
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion: 79 Resp: 114846
Ion Ratio Lower Upper
79 100
52 56.4 43.8 65.8
51 27.3 21.6 32.4

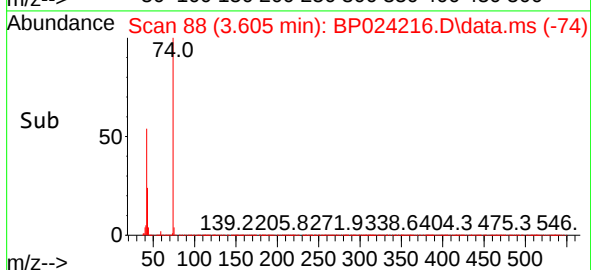
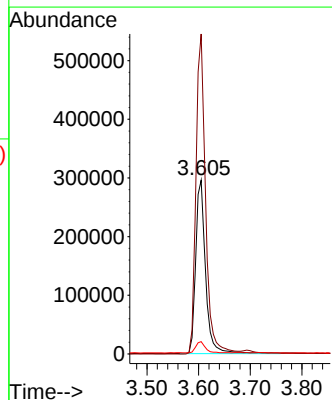
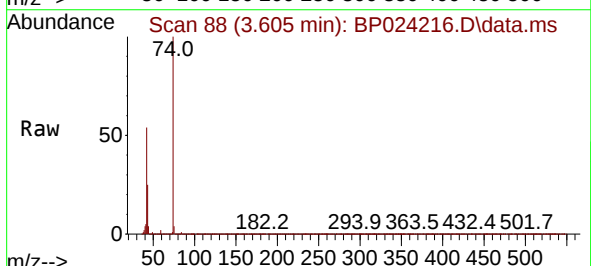
Manual Integrations
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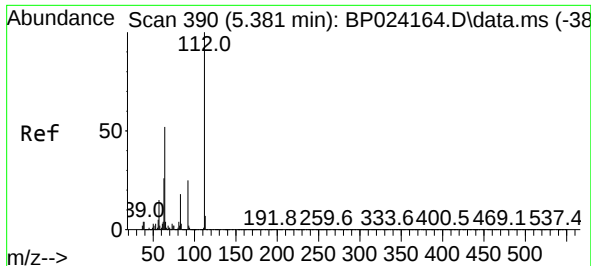
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#4
n-Nitrosodimethylamine
Concen: 45.654 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

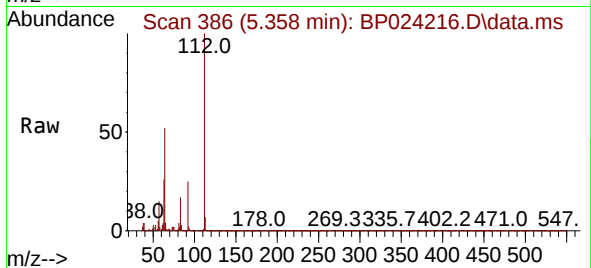
Tgt Ion: 42 Resp: 393821
Ion Ratio Lower Upper
42 100
74 184.2 139.8 209.6
44 7.1 5.3 7.9





#5
2-Fluorophenol
Concen: 99.352 ng
RT: 5.358 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

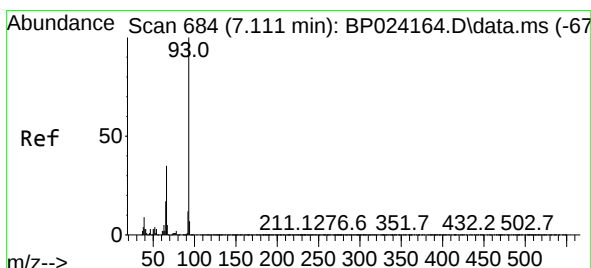
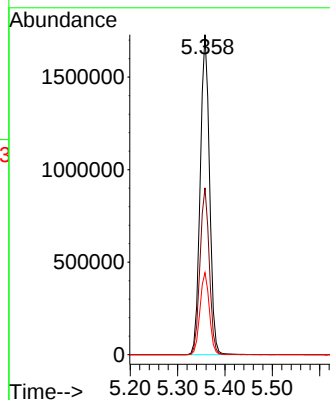
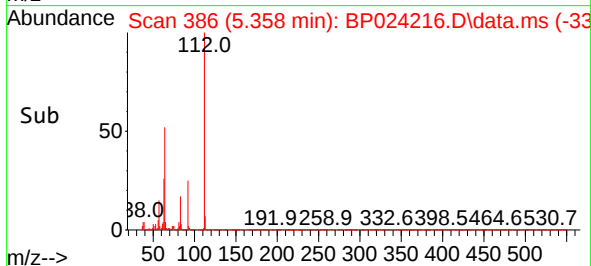
Instrument :
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ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion: 112 Resp: 236758
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 25.6 20.6 31.0

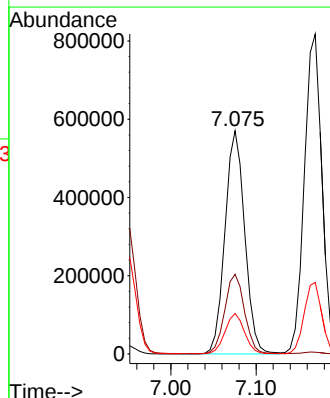
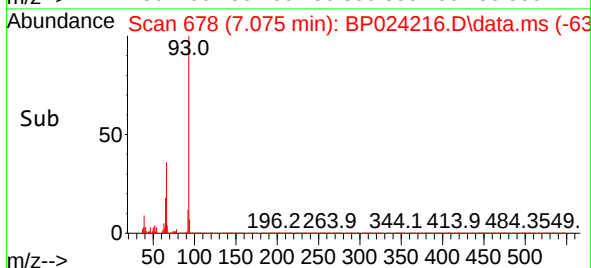
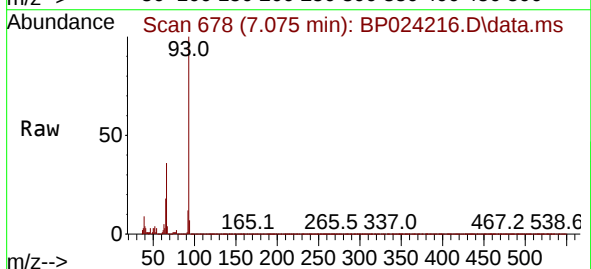
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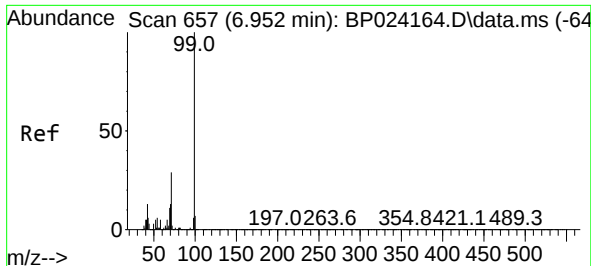
Reviewed By :Anahy Claudio 04/09/2025
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#6
Aniline
Concen: 31.613 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

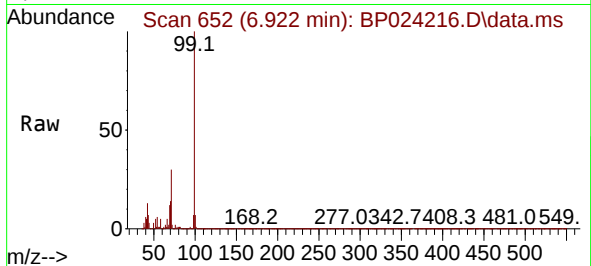
Tgt Ion: 93 Resp: 917836
Ion Ratio Lower Upper
93 100
66 35.7 28.2 42.2
65 18.1 14.0 21.0





#7
Phenol-d6
Concen: 98.232 ng
RT: 6.922 min Scan# 611
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

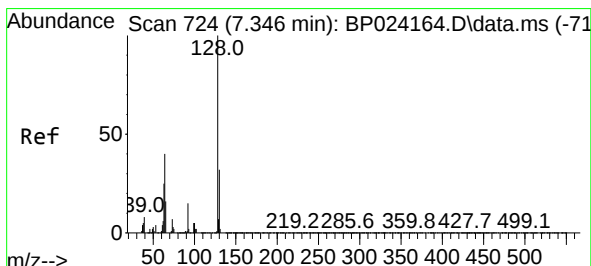
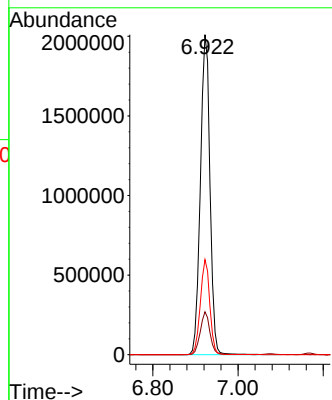
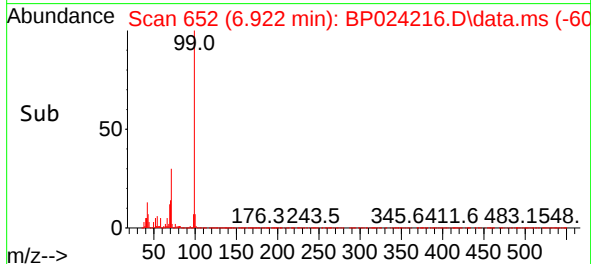
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Tgt Ion: 99 Resp: 3130379
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.7 23.3 34.9

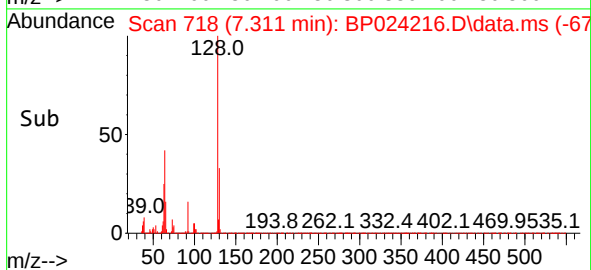
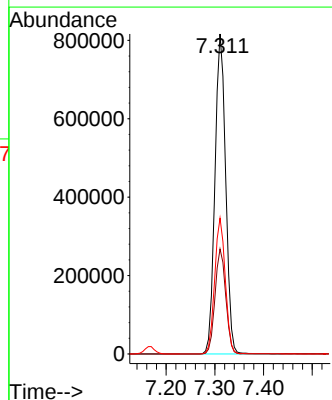
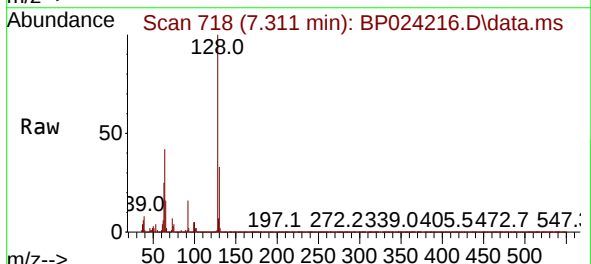
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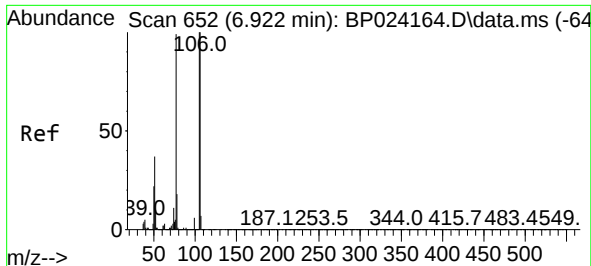
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Supervised By :Jagrut Upadhyay 04/09/2025



#8
2-Chlorophenol
Concen: 48.193 ng
RT: 7.311 min Scan# 718
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

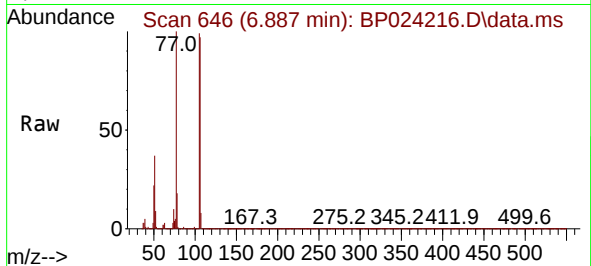
Tgt Ion:128 Resp: 1240499
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 42.4 21.6 61.6





#9
Benzaldehyde
Concen: 44.646 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

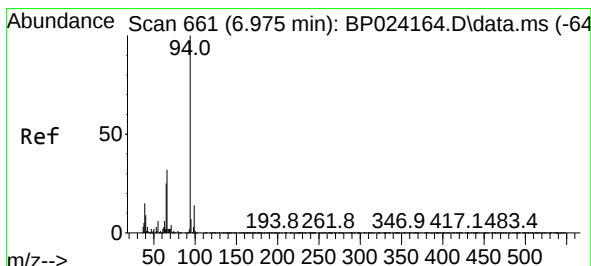
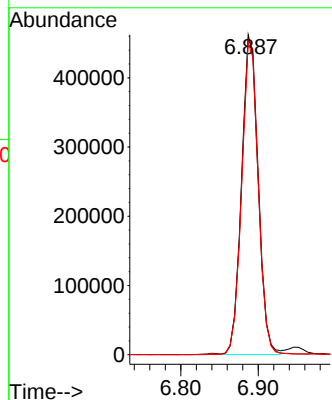
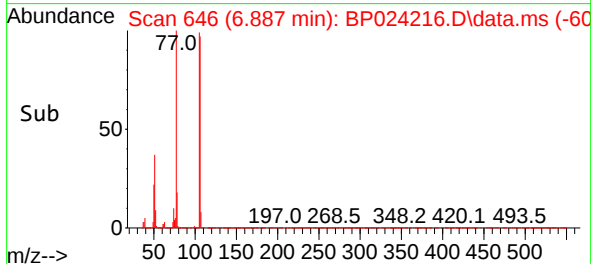
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Tgt Ion: 77 Resp: 68658
Ion Ratio Lower Upper
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105 98.6 81.4 121.4
106 97.4 81.1 121.1

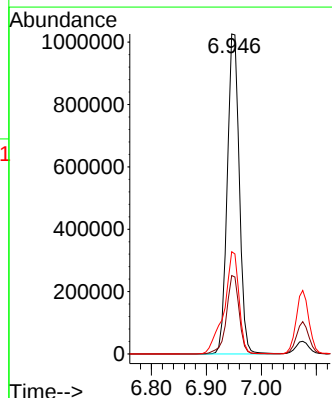
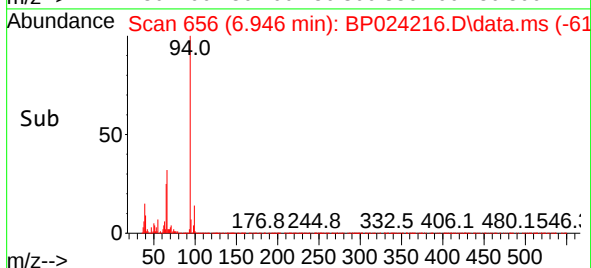
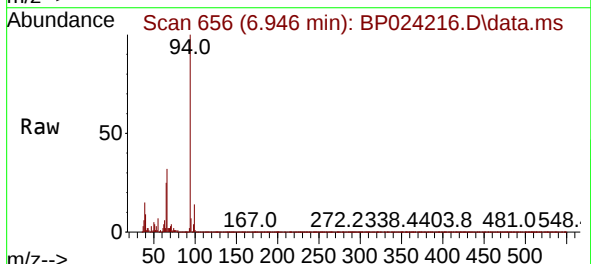
Manual Integrations
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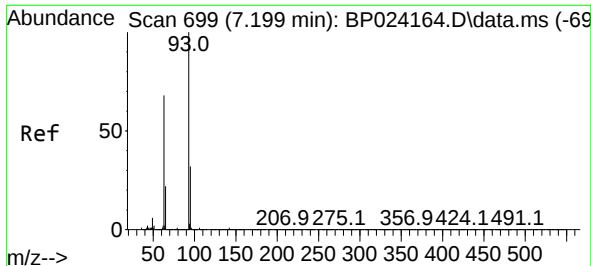
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#10
Phenol
Concen: 48.389 ng
RT: 6.946 min Scan# 656
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

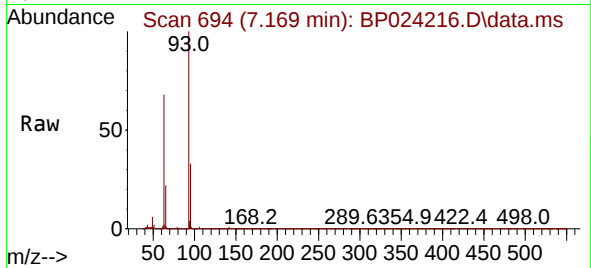
Tgt Ion: 94 Resp: 1556681
Ion Ratio Lower Upper
94 100
65 24.5 4.9 44.9
66 32.0 11.9 51.9





#11
bis(2-Chloroethyl)ether
Concen: 46.412 ng
RT: 7.169 min Scan# 699
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

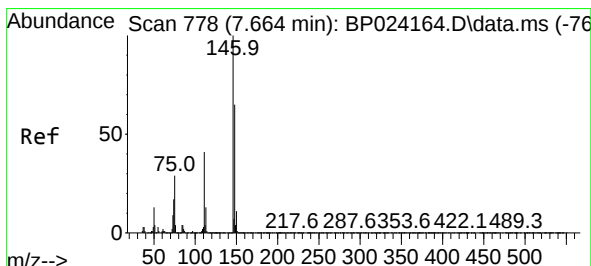
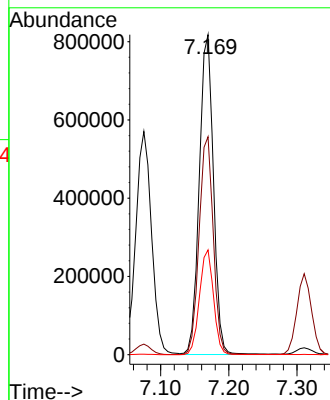
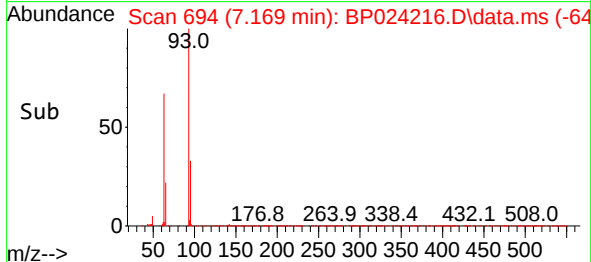
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion: 93 Resp: 1177449
Ion Ratio Lower Upper
93 100
63 68.1 47.4 87.4
95 32.8 12.1 52.1

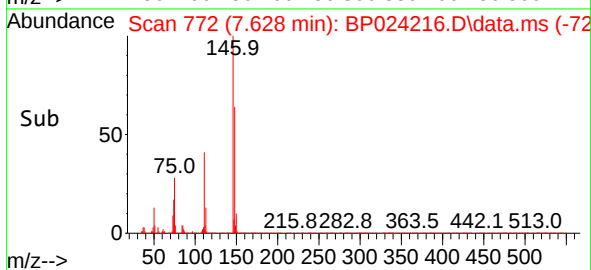
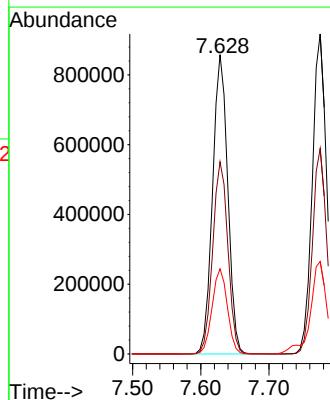
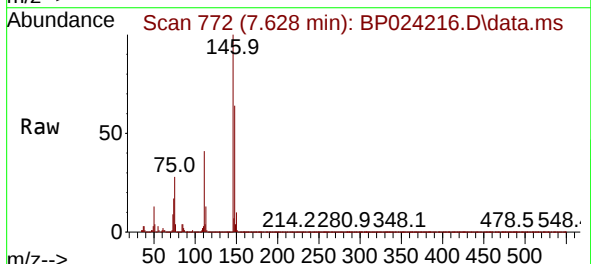
Manual Integrations
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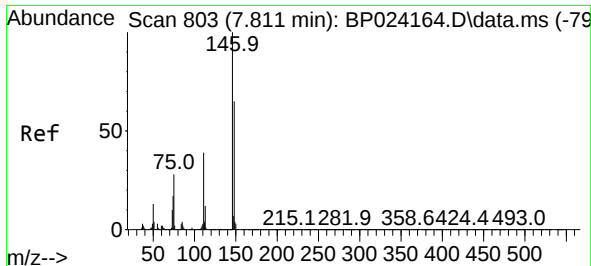
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#12
1,3-Dichlorobenzene
Concen: 47.830 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:146 Resp: 1327658
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
75 28.5 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 47.255 ng

RT: 7.775 min Scan# 79

Delta R.T. -0.035 min

Lab File: BP024216.D

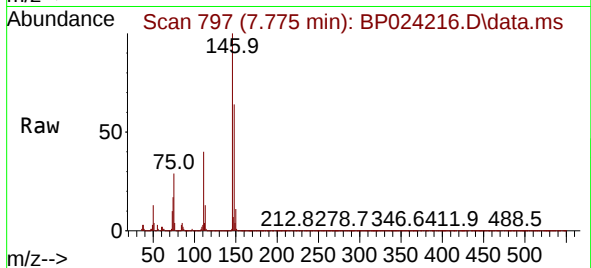
Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD



Tgt Ion:146 Resp: 133928

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

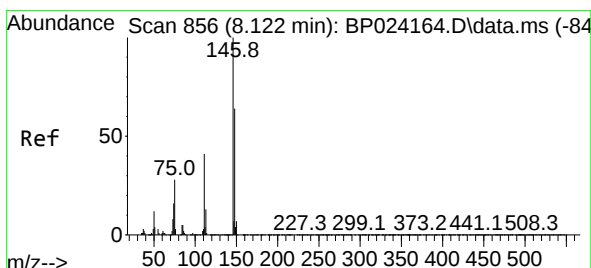
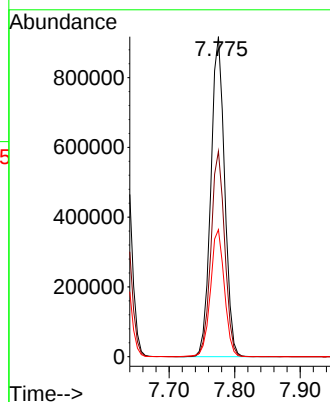
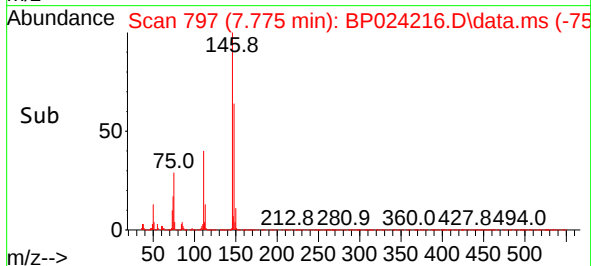
111 39.7 31.4 47.2

Manual Integrations

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Reviewed By :Anahy Claudio 04/09/2025

Supervised By :Jagrut Upadhyay 04/09/2025



#14

1,2-Dichlorobenzene

Concen: 47.119 ng

RT: 8.087 min Scan# 850

Delta R.T. -0.035 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

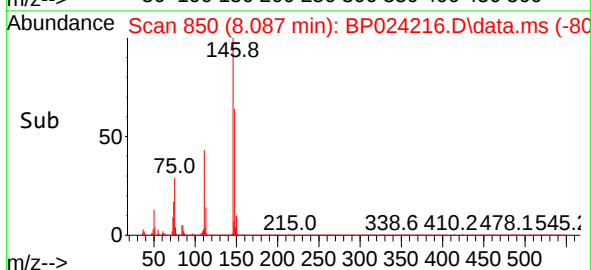
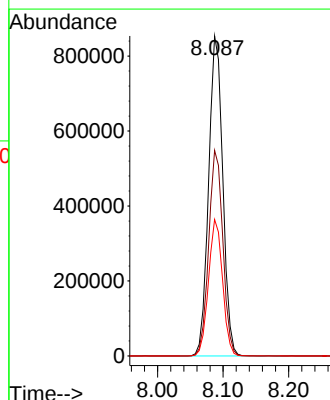
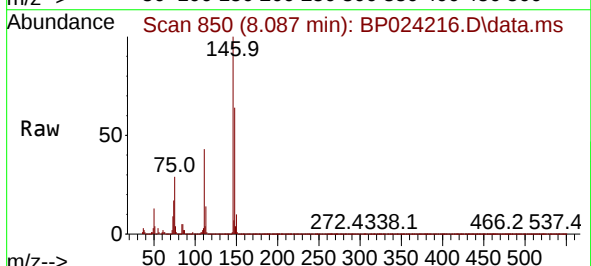
Tgt Ion:146 Resp: 1281491

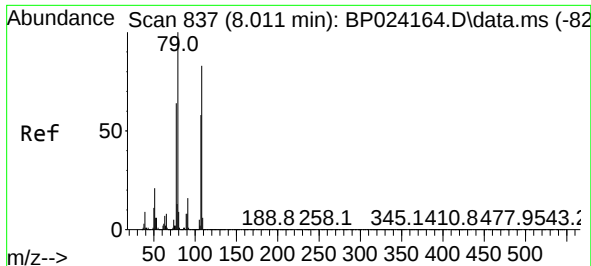
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

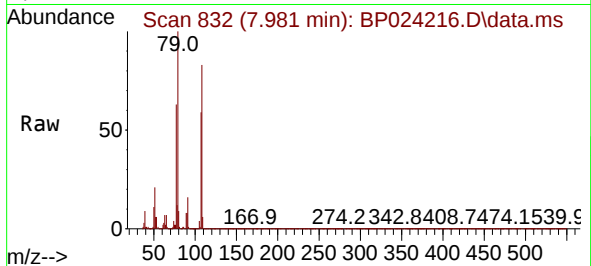
111 42.6 33.2 49.8





#15
Benzyl Alcohol
Concen: 48.641 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

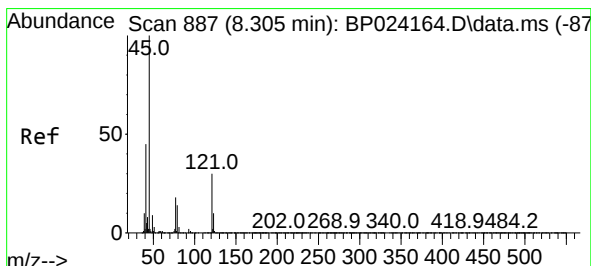
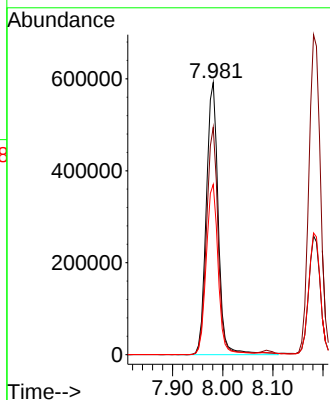
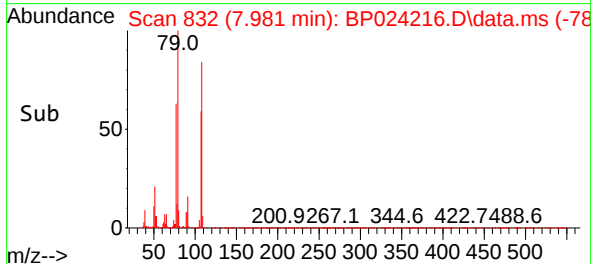
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion: 79 Resp: 98133
Ion Ratio Lower Upper
79 100
108 83.5 66.5 99.7
77 62.6 50.9 76.3

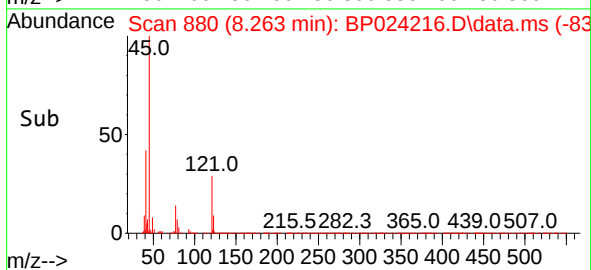
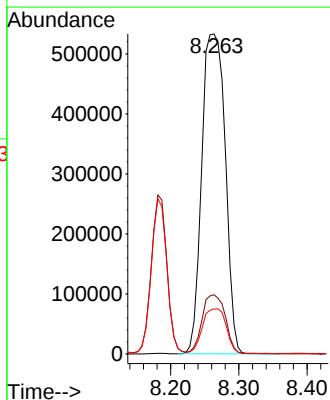
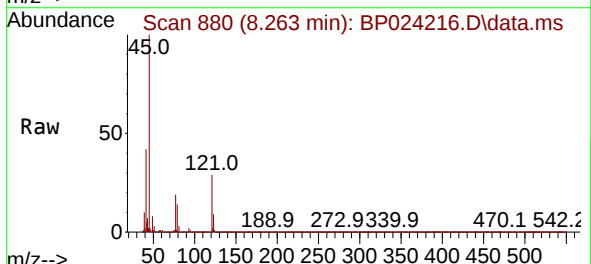
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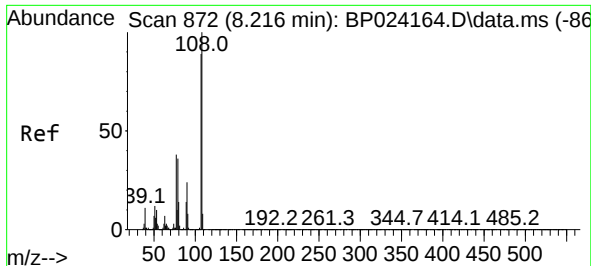
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.347 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.041 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

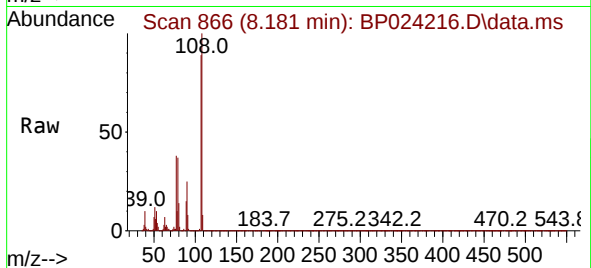
Tgt Ion: 45 Resp: 1277718
Ion Ratio Lower Upper
45 100
77 18.5 0.0 39.0
79 14.1 0.0 35.6





#17
2-Methylphenol
Concen: 49.524 ng
RT: 8.181 min Scan# 80
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

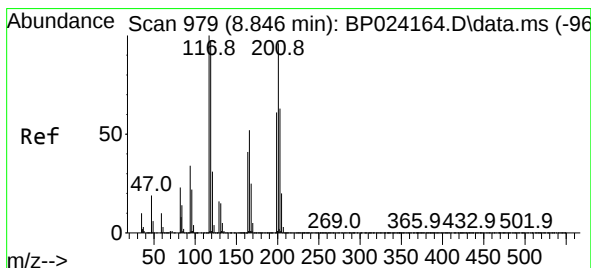
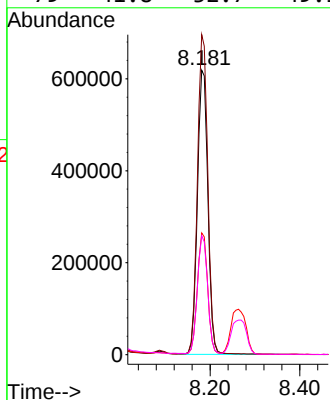
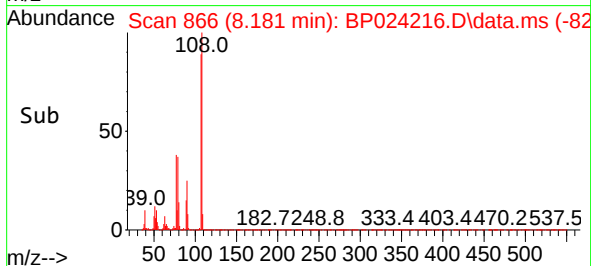
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:107 Resp: 99905
Ion Ratio Lower Upper
107 100
108 112.5 90.0 135.0
77 42.8 34.0 51.0
79 41.8 32.7 49.1

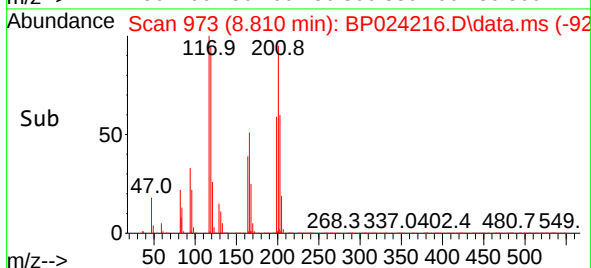
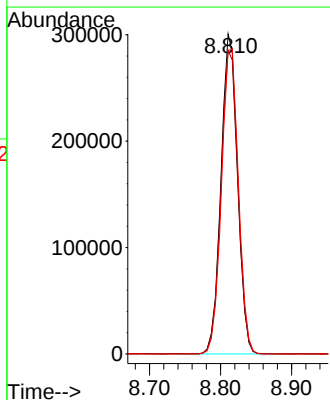
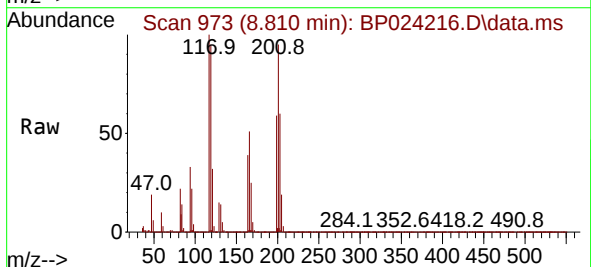
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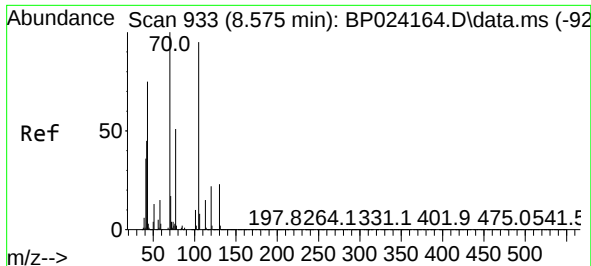
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#18
Hexachloroethane
Concen: 48.511 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

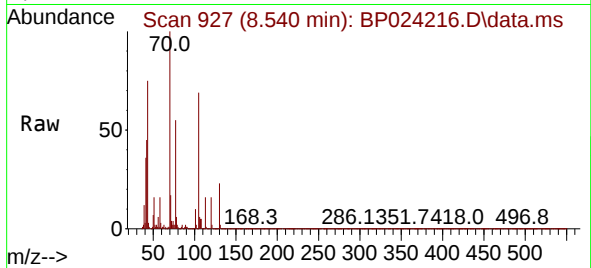
Tgt Ion:117 Resp: 487778
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
201 94.7 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.704 ng
RT: 8.540 min Scan# 911
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

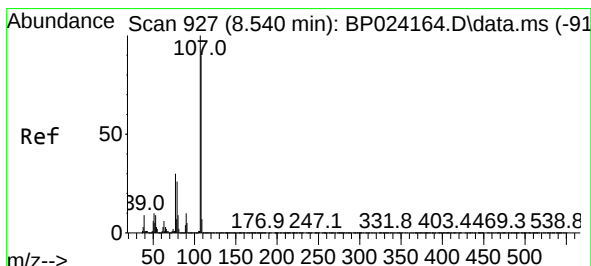
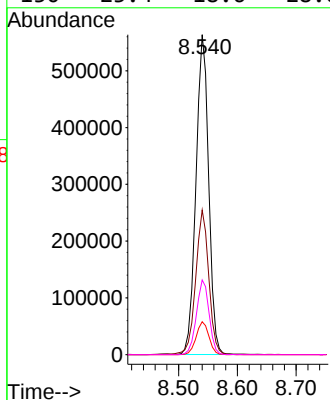
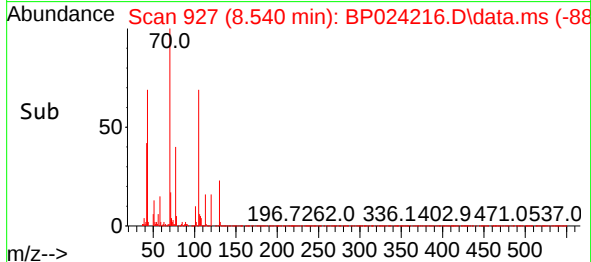
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



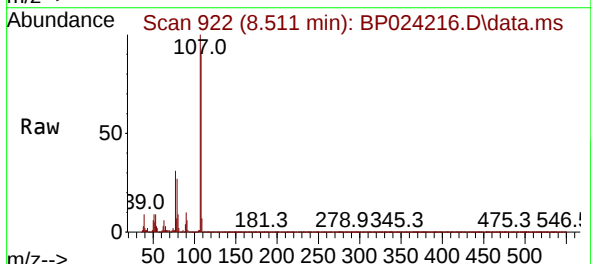
Tgt Ion: 70 Resp: 844945
Ion Ratio Lower Upper
70 100
42 45.2 36.0 54.0
101 10.3 8.3 12.5
130 23.4 18.6 28.0

Manual Integrations
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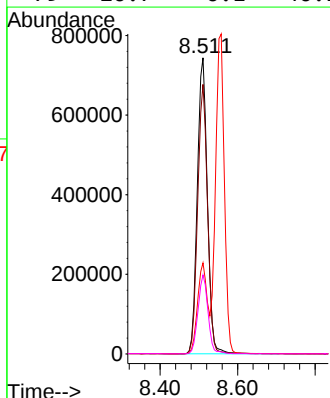
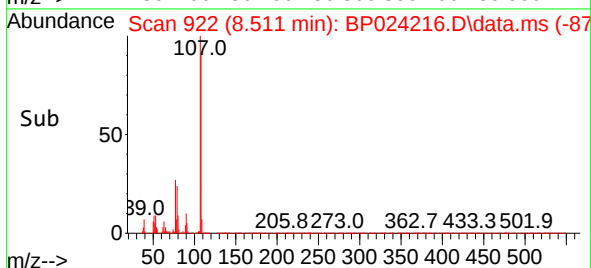
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

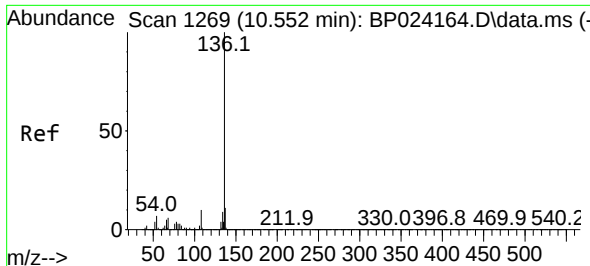


#20
3+4-Methylphenols
Concen: 48.343 ng
RT: 8.511 min Scan# 922
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



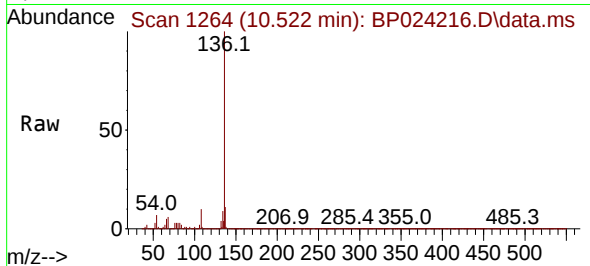
Tgt Ion:107 Resp: 1339818
Ion Ratio Lower Upper
107 100
108 91.0 69.7 109.7
77 30.7 10.3 50.3
79 26.7 6.1 46.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

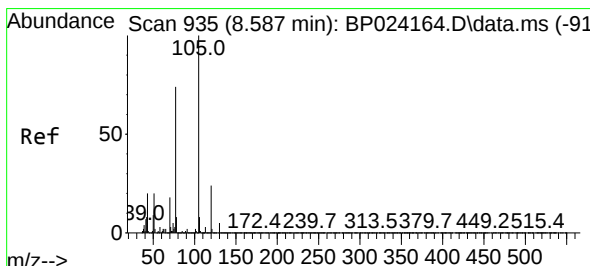
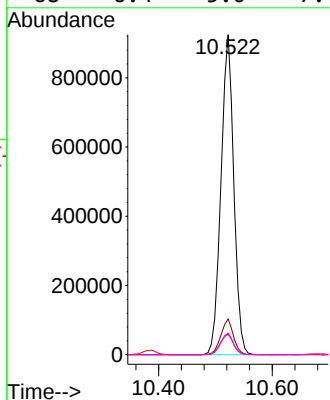
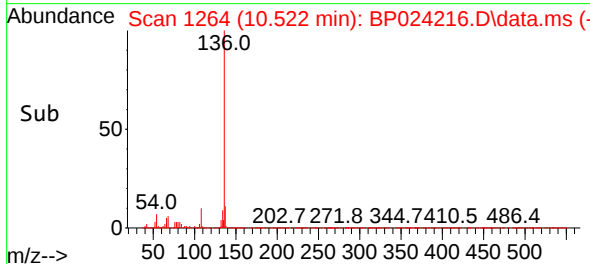


Tgt Ion:136 Resp: 144991

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.3	7.9
68	6.4	5.0	7.4

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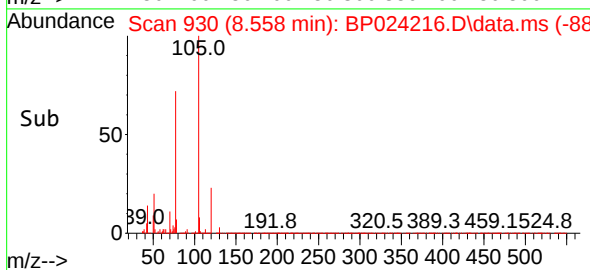
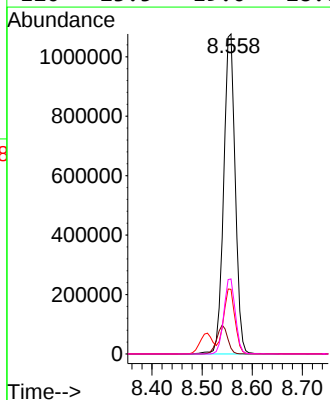
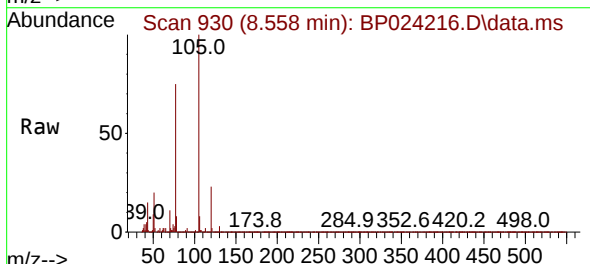
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

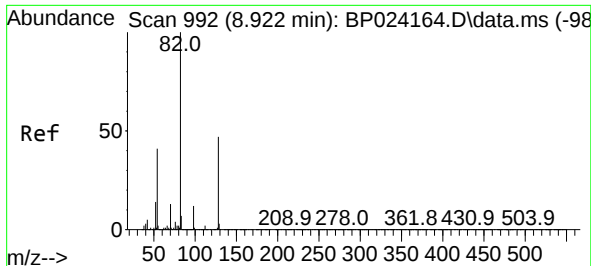


#22
Acetophenone
Concen: 47.052 ng
RT: 8.558 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:105 Resp: 1724781

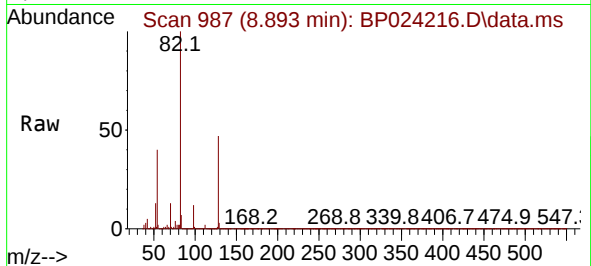
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.4	3.6
51	20.2	16.2	24.2
120	23.5	19.0	28.6





#23
Nitrobenzene-d5
Concen: 71.452 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

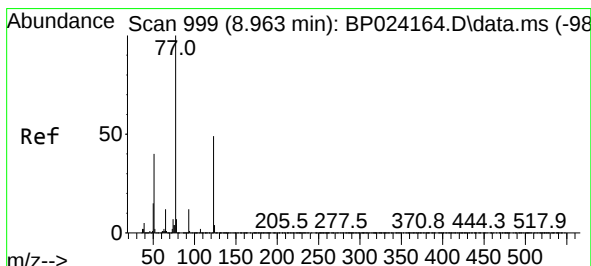
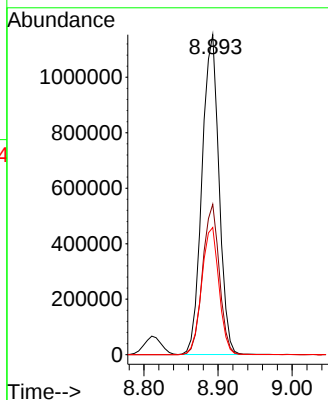
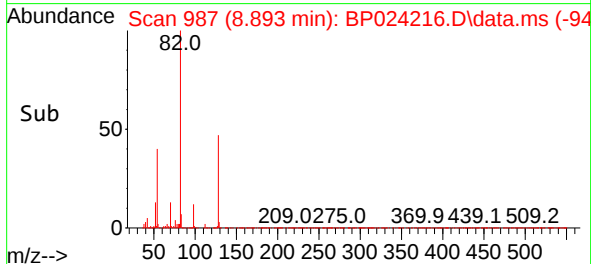
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion: 82 Resp: 183619
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.0
54 39.8 32.5 48.7

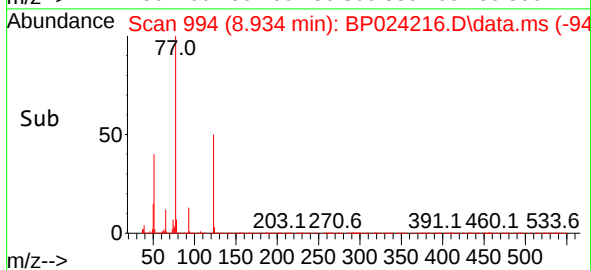
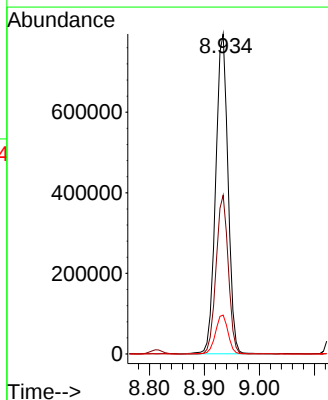
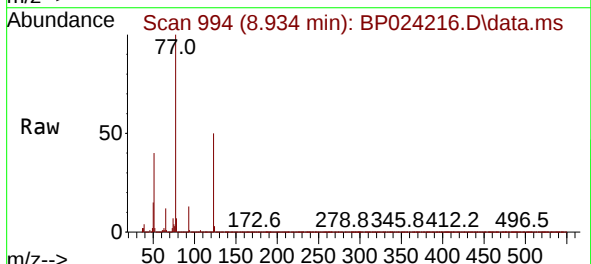
Manual Integrations
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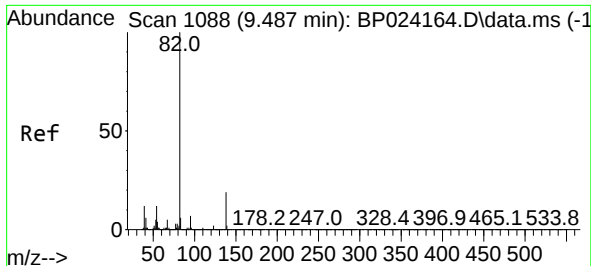
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#24
Nitrobenzene
Concen: 48.816 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

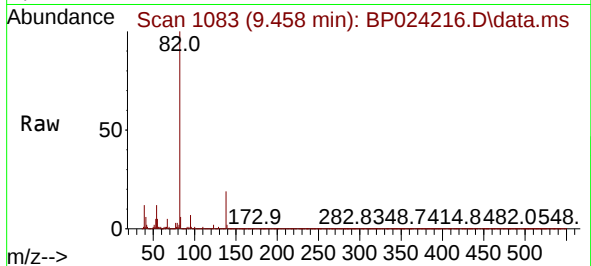
Tgt Ion: 77 Resp: 1237531
Ion Ratio Lower Upper
77 100
123 49.6 39.4 59.2
65 12.1 9.9 14.9





#25
Isophorone
Concen: 52.653 ng
RT: 9.458 min Scan# 1108
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

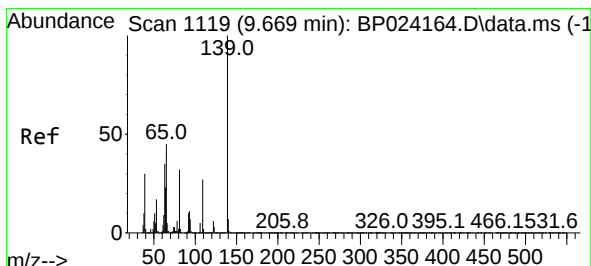
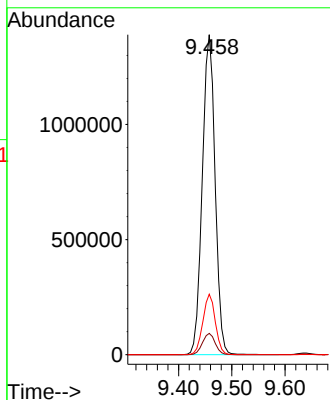
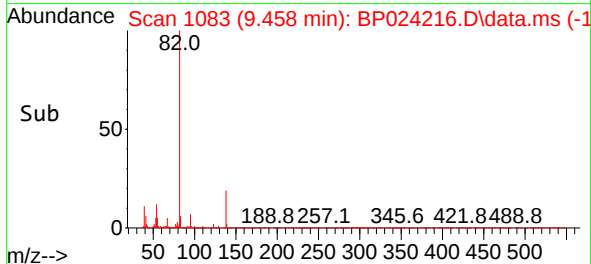
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion: 82 Resp: 2319434
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.9 14.8 22.2

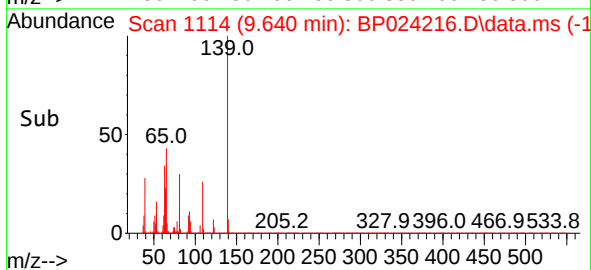
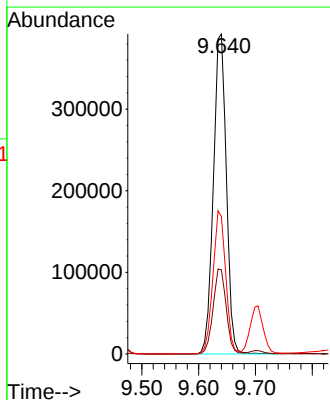
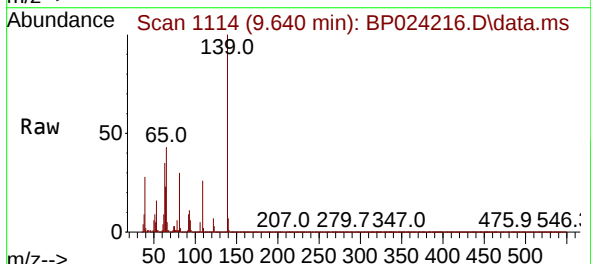
Manual Integrations
APPROVED

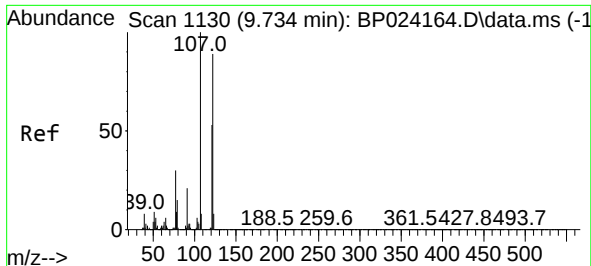
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#26
2-Nitrophenol
Concen: 51.235 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

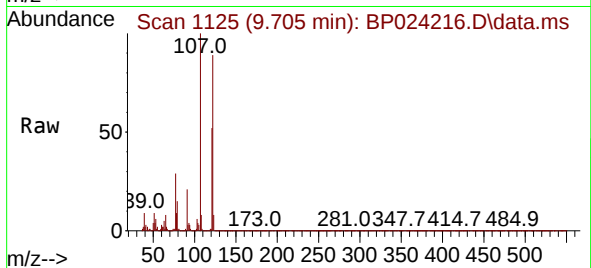
Tgt Ion:139 Resp: 620425
Ion Ratio Lower Upper
139 100
109 26.3 21.7 32.5
65 42.9 35.8 53.8





#27
2,4-Dimethylphenol
Concen: 68.478 ng
RT: 9.705 min Scan# 1125
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

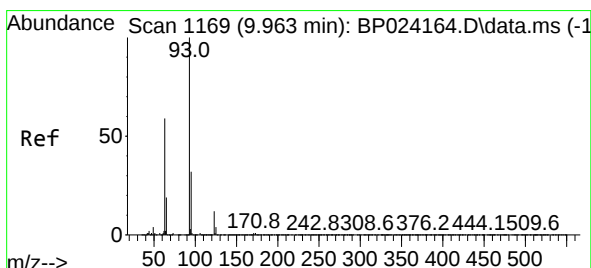
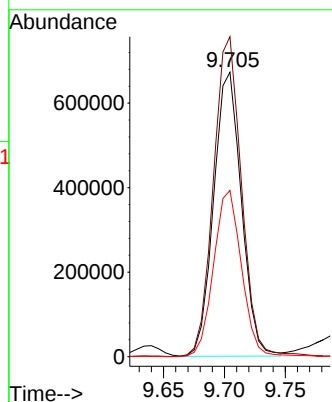
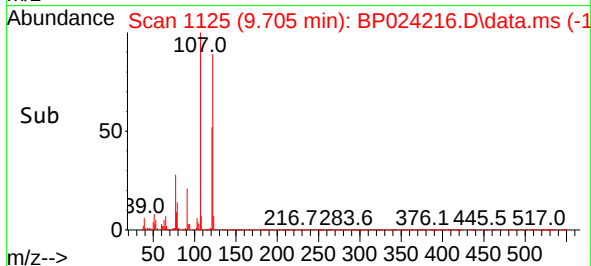
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:122 Resp: 1066285
Ion Ratio Lower Upper
122 100
107 112.5 89.3 133.9
121 58.4 47.5 71.3

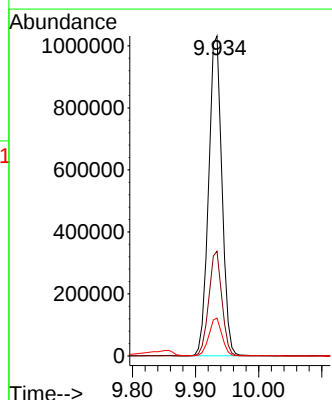
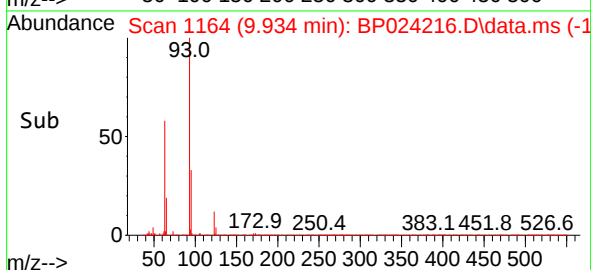
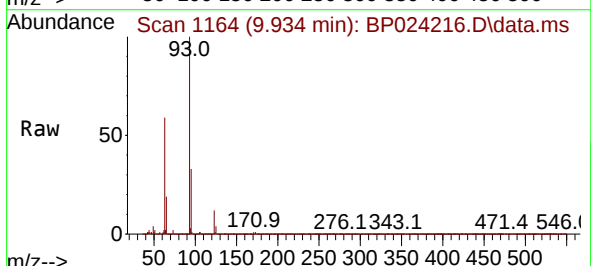
Manual Integrations
APPROVED

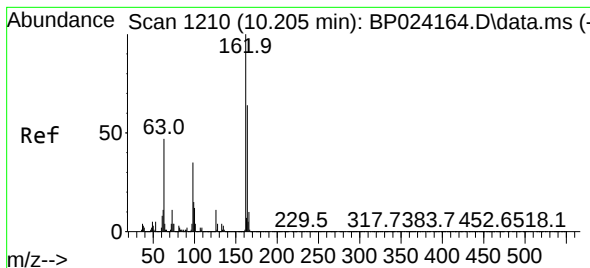
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 48.887 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

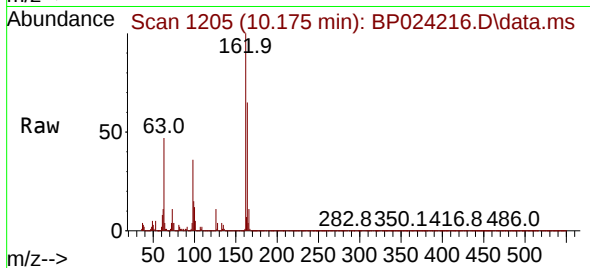
Tgt Ion: 93 Resp: 1515014
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.9 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 49.890 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

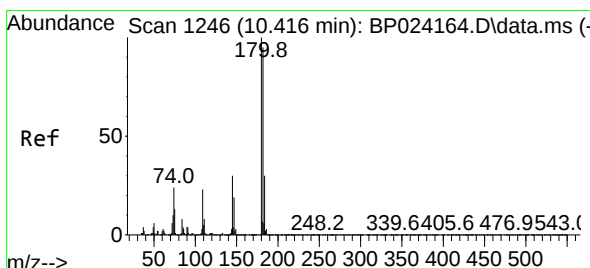
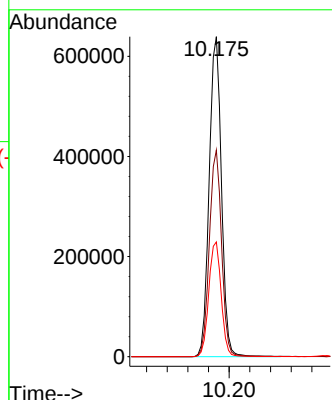
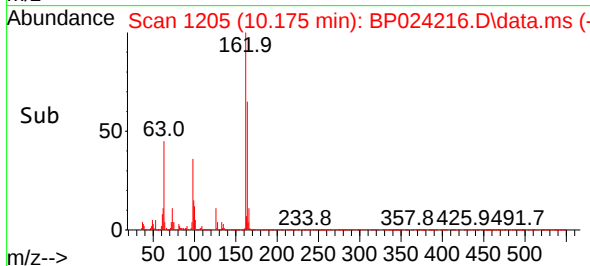
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



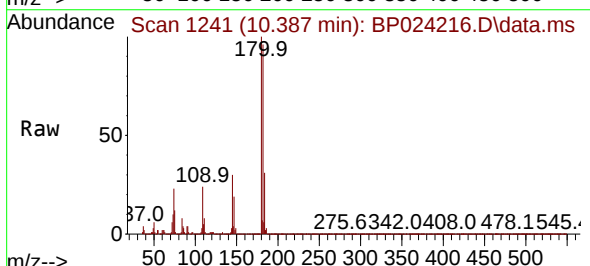
Tgt Ion:162 Resp: 1050894
Ion Ratio Lower Upper
162 100
164 64.5 44.2 84.2
98 35.8 15.1 55.1

Manual Integrations
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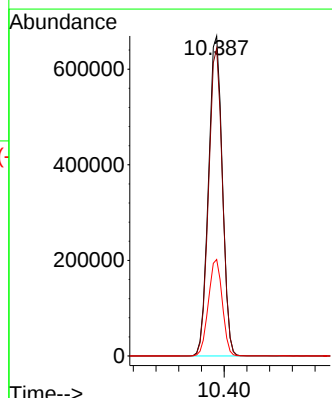
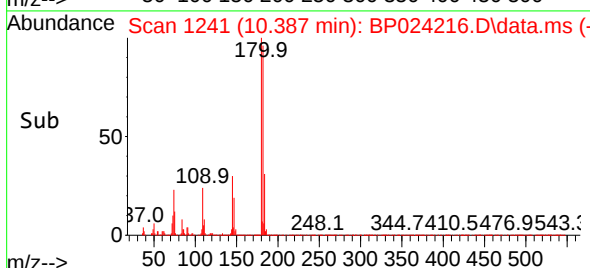
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

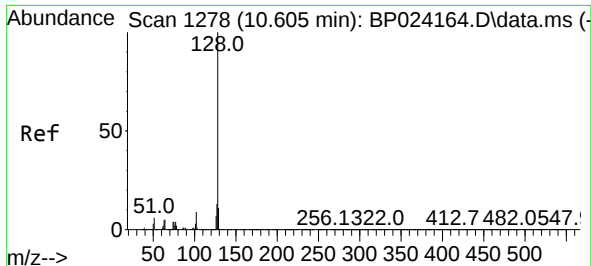


#30
1,2,4-Trichlorobenzene
Concen: 48.360 ng
RT: 10.387 min Scan# 1241
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



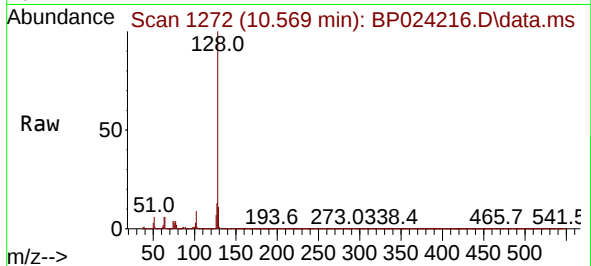
Tgt Ion:180 Resp: 1125451
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 30.2 24.2 36.2





#31
Naphthalene
Concen: 46.027 ng
RT: 10.569 min Scan# 111
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

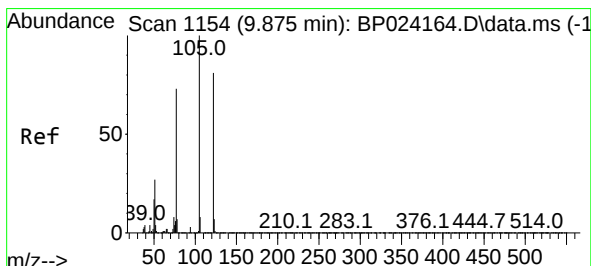
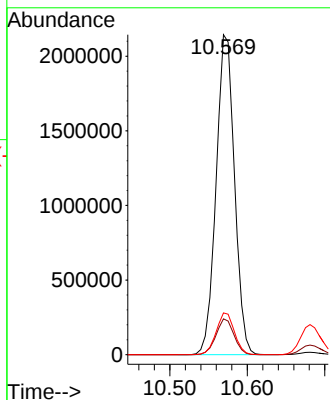
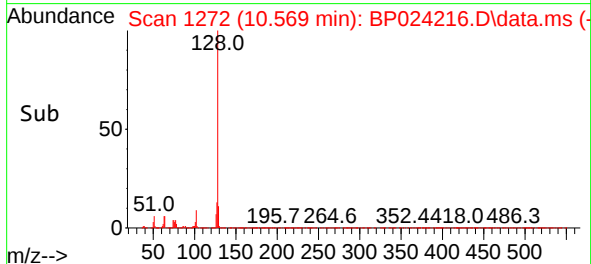
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:128 Resp: 353755
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.4 15.6

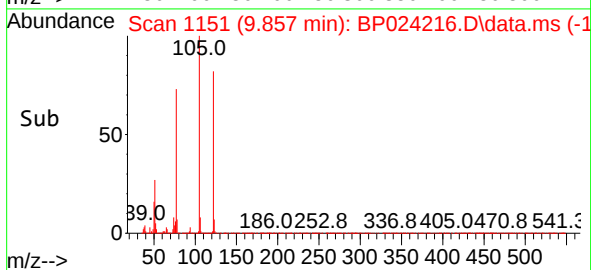
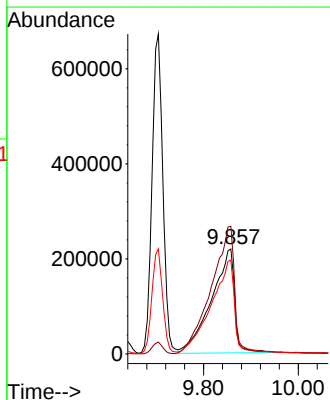
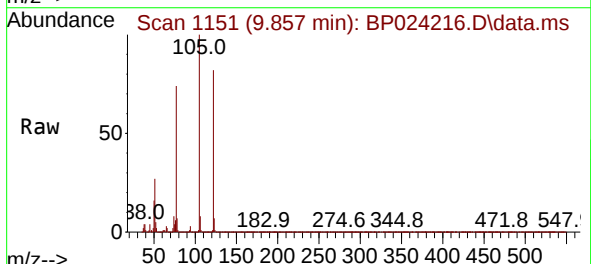
Manual Integrations
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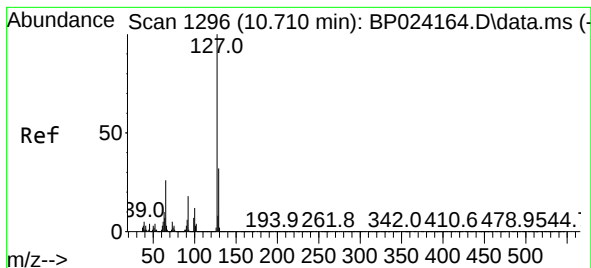
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#32
Benzoic acid
Concen: 48.862 ng
RT: 9.857 min Scan# 1151
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

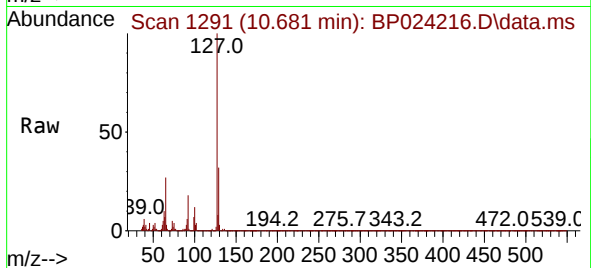
Tgt Ion:122 Resp: 742024
Ion Ratio Lower Upper
122 100
105 121.6 100.3 140.3
77 89.4 69.1 109.1





#33
4-Chloroaniline
Concen: 13.881 ng
RT: 10.681 min Scan# 1296
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

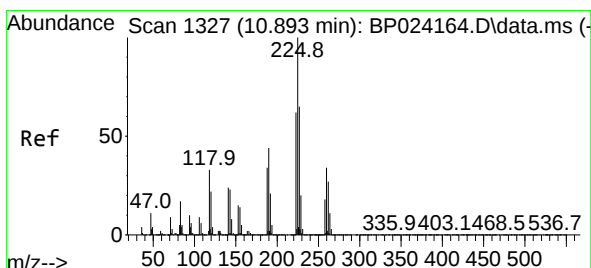
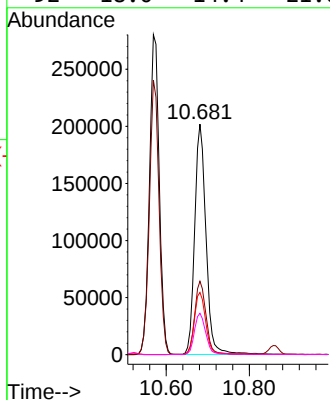
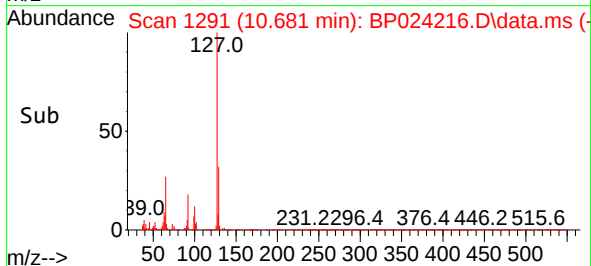
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:127 Resp: 38179
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.6
65 27.0 21.2 31.8
92 18.0 14.4 21.6

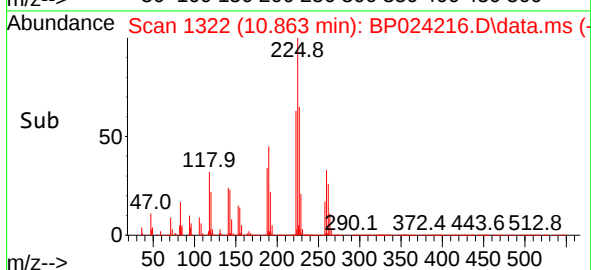
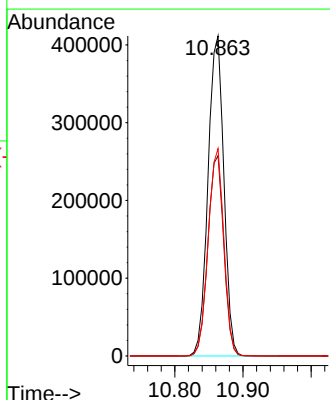
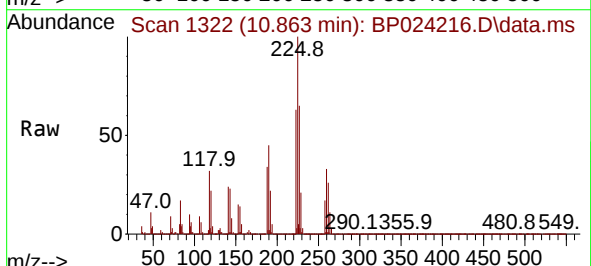
Manual Integrations
APPROVED

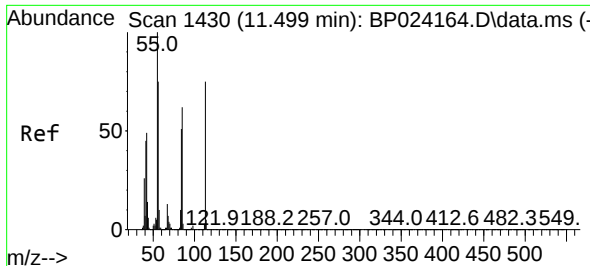
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#34
Hexachlorobutadiene
Concen: 49.620 ng
RT: 10.863 min Scan# 1322
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

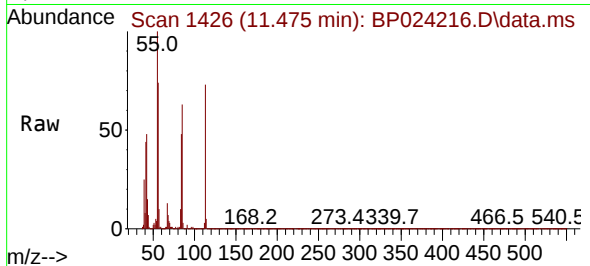
Tgt Ion:225 Resp: 664593
Ion Ratio Lower Upper
225 100
223 62.6 49.9 74.9
227 64.8 52.2 78.2





#35
Caprolactam
Concen: 49.874 ng m
RT: 11.475 min Scan# 1430
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

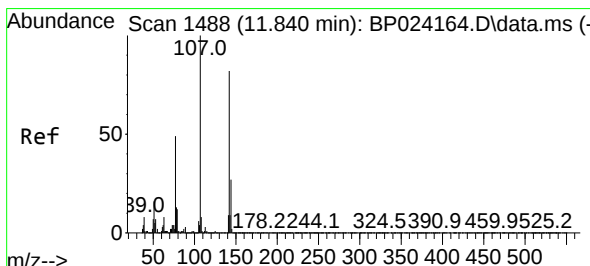
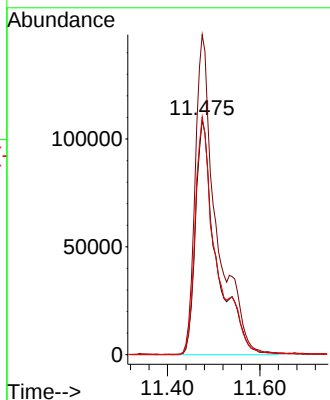
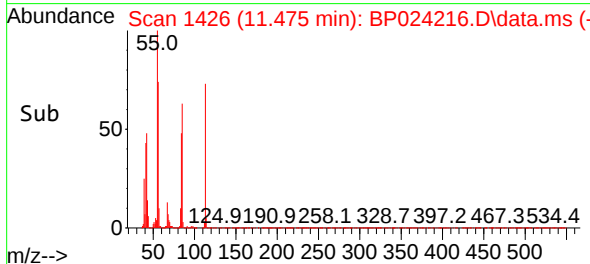
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:113 Resp: 344309
Ion Ratio Lower Upper
113 100
55 136.3 113.6 153.6
56 101.4 80.0 120.0

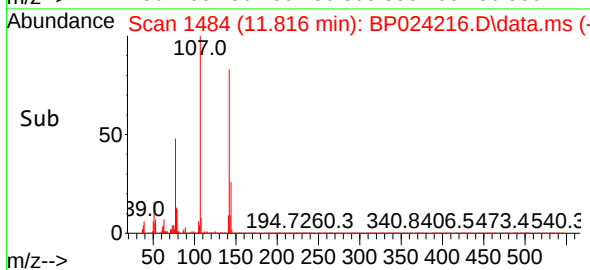
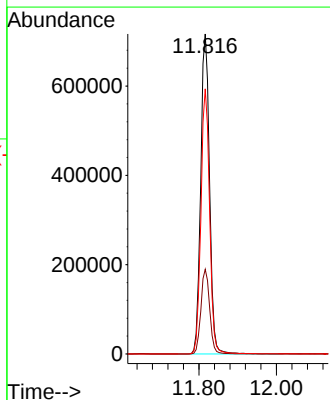
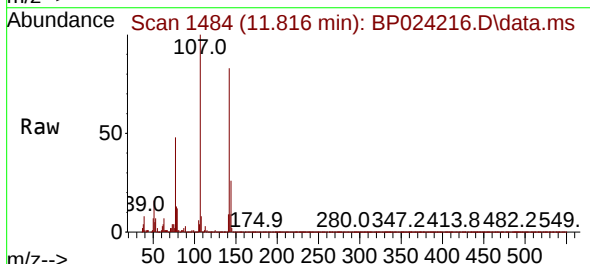
Manual Integrations
APPROVED

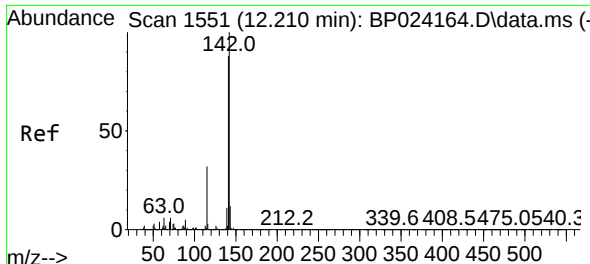
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#36
4-Chloro-3-methylphenol
Concen: 49.887 ng
RT: 11.816 min Scan# 1484
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

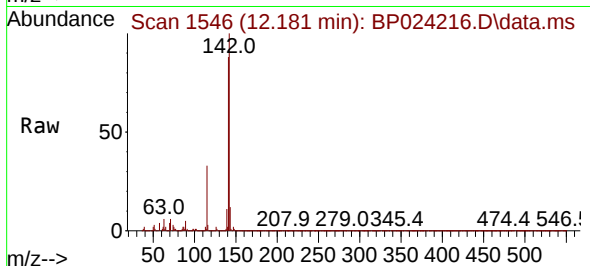
Tgt Ion:107 Resp: 1133612
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 82.8 65.4 98.0





#37
2-Methylnaphthalene
Concen: 42.385 ng
RT: 12.181 min Scan# 1546
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

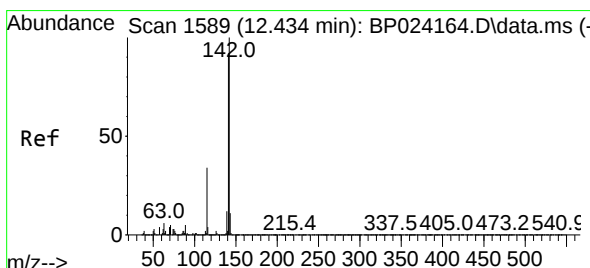
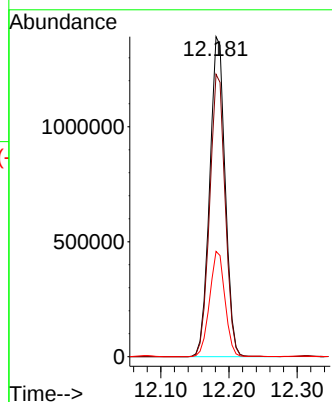
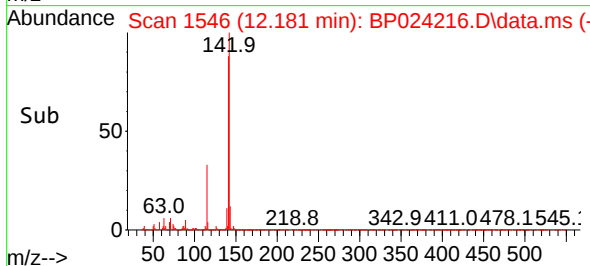
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:142 Resp: 220076
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 32.9 26.0 39.0

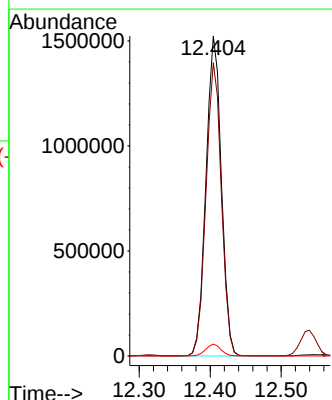
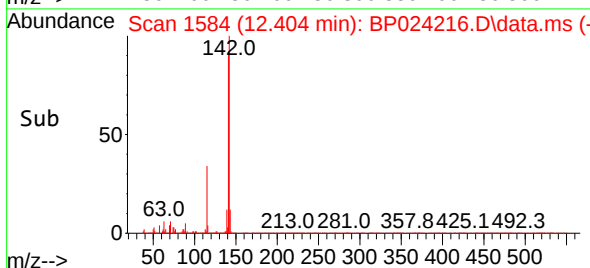
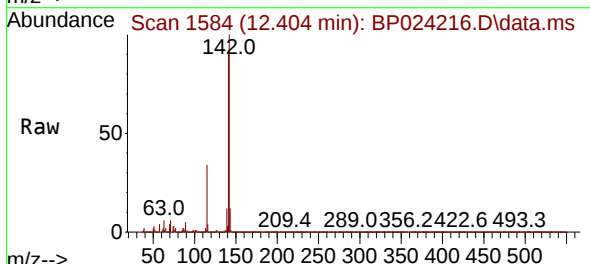
Manual Integrations
APPROVED

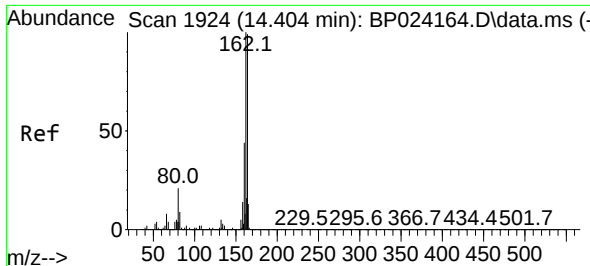
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#38
1-Methylnaphthalene
Concen: 45.436 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

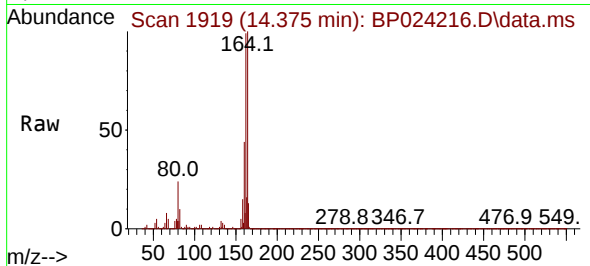
Tgt Ion:142 Resp: 2294653
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9
116 3.7 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

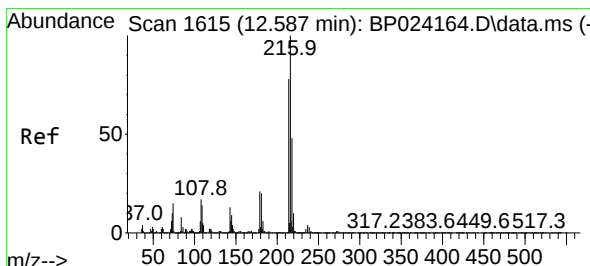
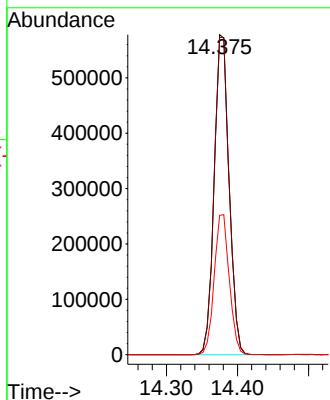
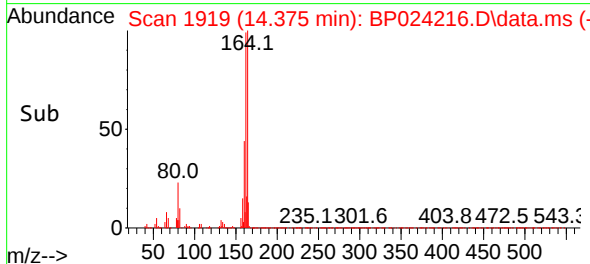
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:164 Resp: 839080
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 43.6 35.4 53.2

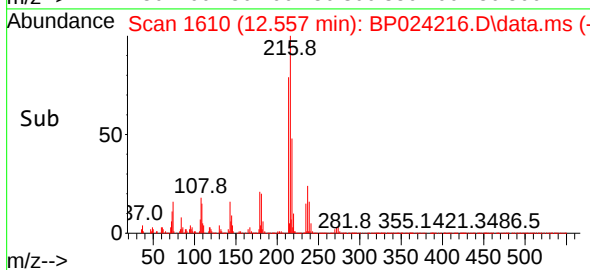
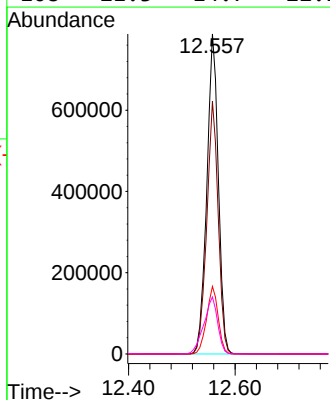
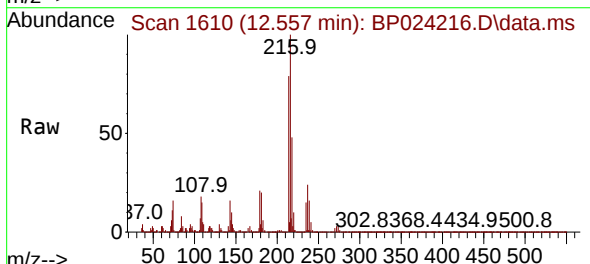
Manual Integrations
APPROVED

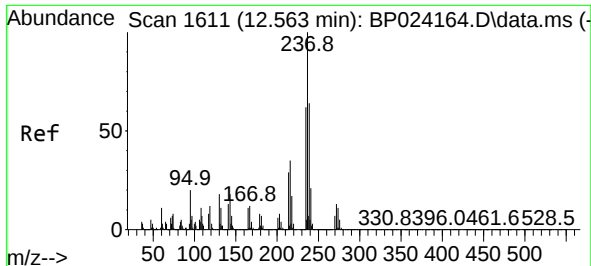
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.638 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

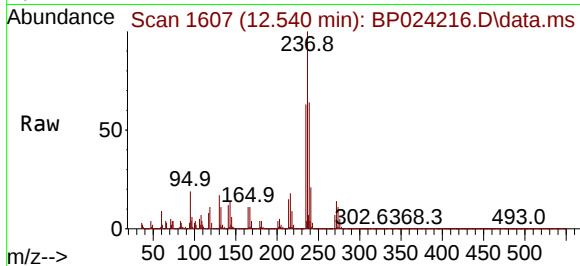
Tgt Ion:216 Resp: 1179733
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 21.2 16.8 25.2
108 21.3 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 177.258 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

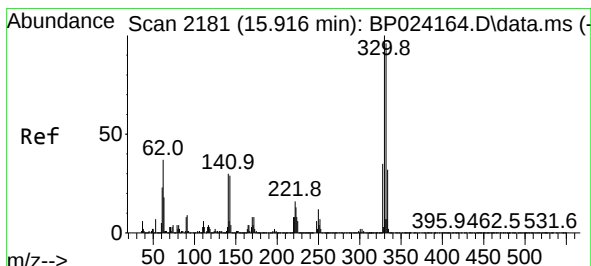
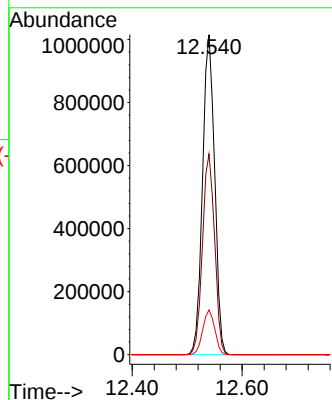
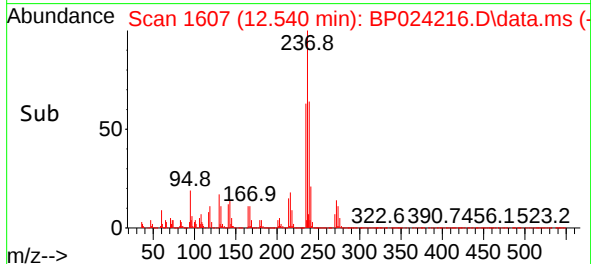
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



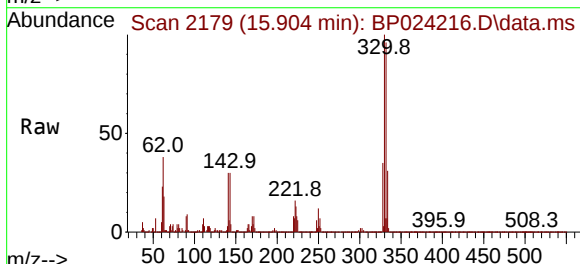
Tgt Ion: 237 Resp: 1549799
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 14.0 0.0 33.5

Manual Integrations
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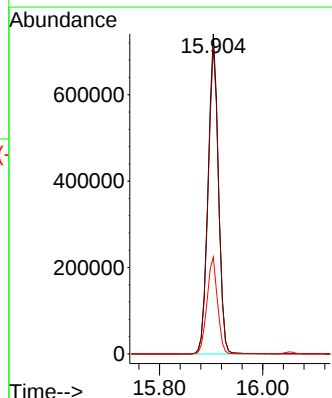
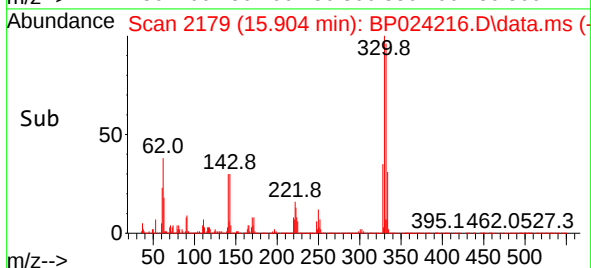
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

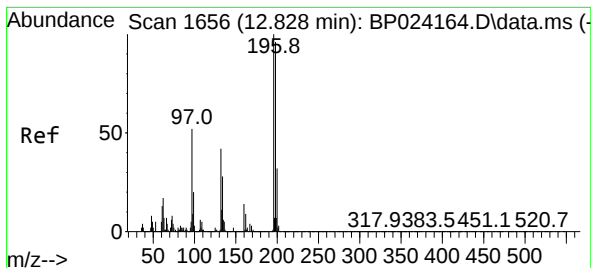


#42
2,4,6-Tribromophenol
Concen: 97.255 ng
RT: 15.904 min Scan# 2179
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



Tgt Ion: 330 Resp: 1027917
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 30.8 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 52.166 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

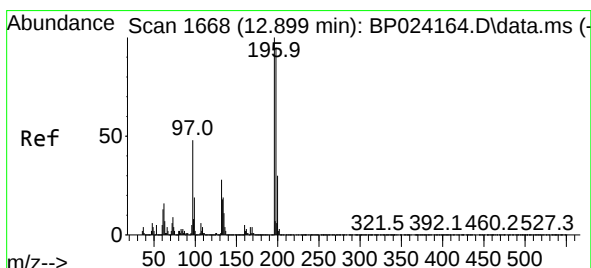
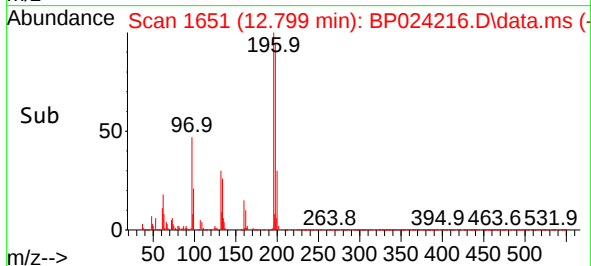
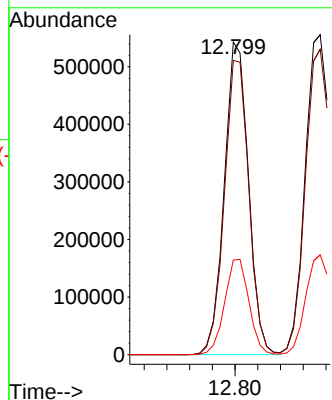
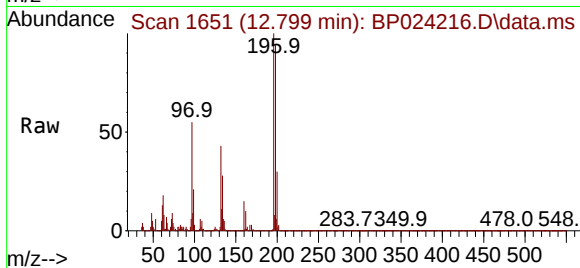
ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion:196 Resp: 80411
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.6 115.0
 200 30.2 25.4 38.0

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 Supervised By :Jagrut Upadhyay 04/09/2025



#44

2,4,5-Trichlorophenol

Concen: 52.168 ng

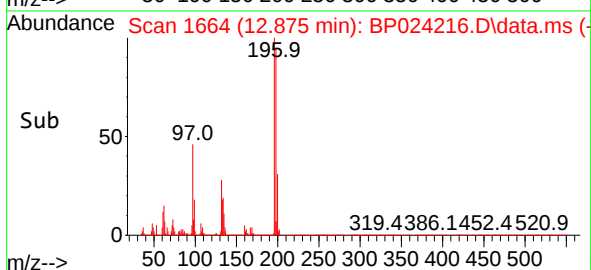
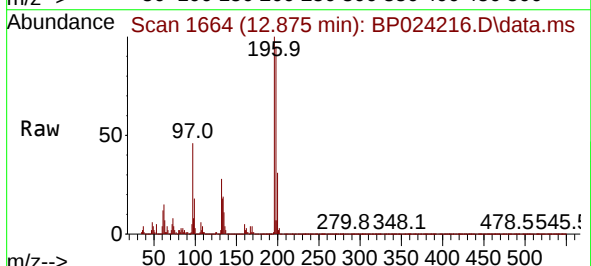
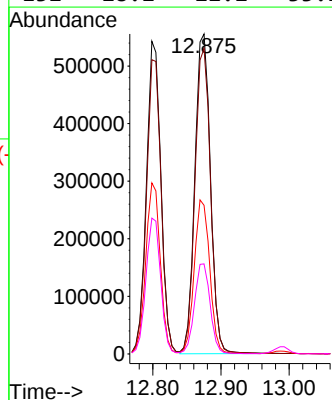
RT: 12.875 min Scan# 1664

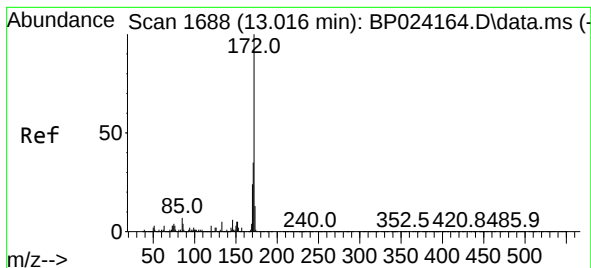
Delta R.T. -0.024 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

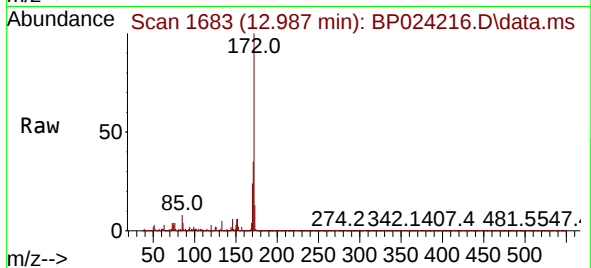
Tgt Ion:196 Resp: 881887
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.5 114.7
 97 46.5 38.7 58.1
 132 28.2 22.2 33.2





#45
2-Fluorobiphenyl
Concen: 72.260 ng
RT: 12.987 min Scan# 1719
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

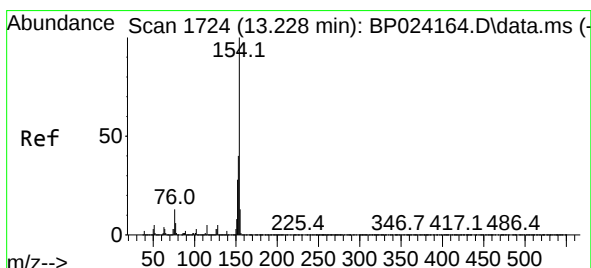
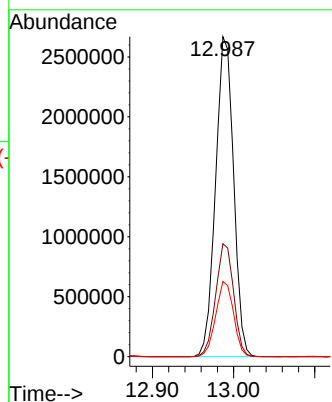
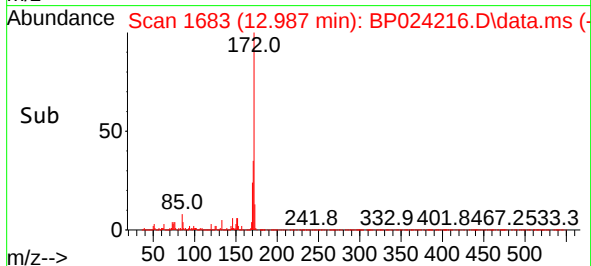
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



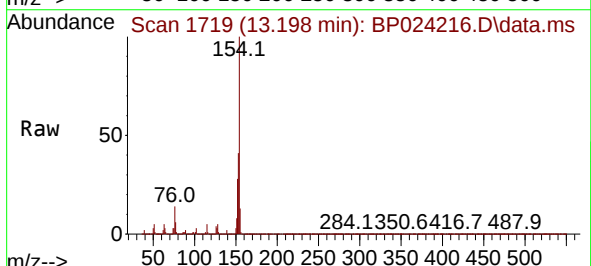
Tgt Ion:172 Resp: 4111962
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.4

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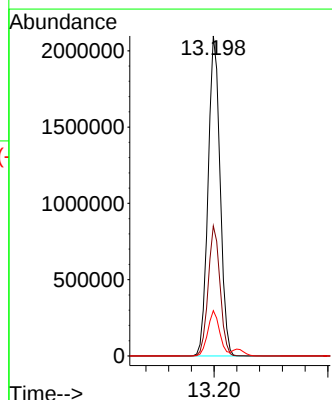
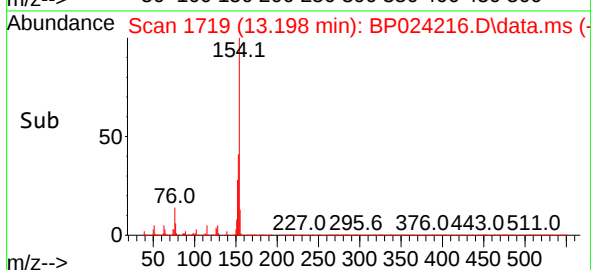
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

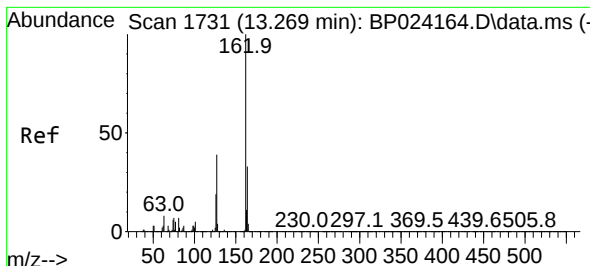


#46
1,1'-Biphenyl
Concen: 48.388 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



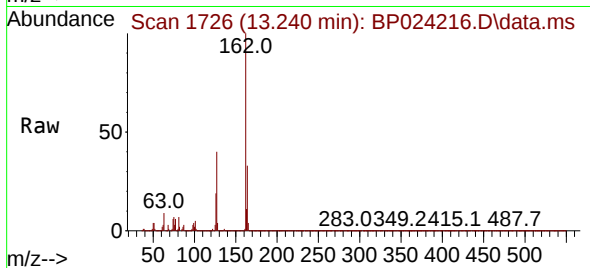
Tgt Ion:154 Resp: 3050999
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 14.2 0.0 32.9





#47
2-Chloronaphthalene
Concen: 48.812 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

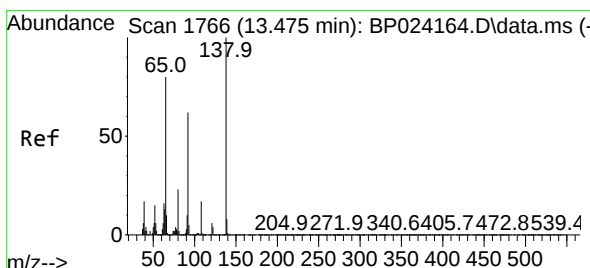
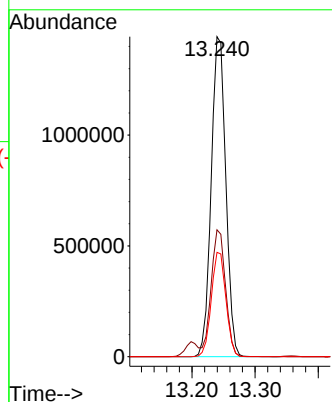
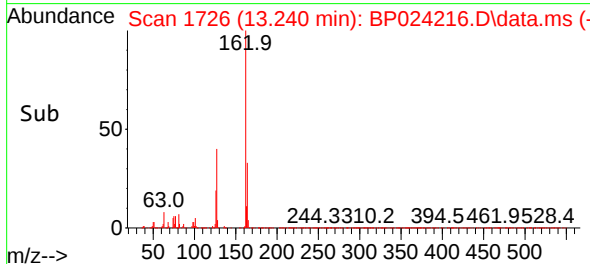
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:162 Resp: 2314992
Ion Ratio Lower Upper
162 100
127 39.7 31.5 47.3
164 32.6 26.6 39.8

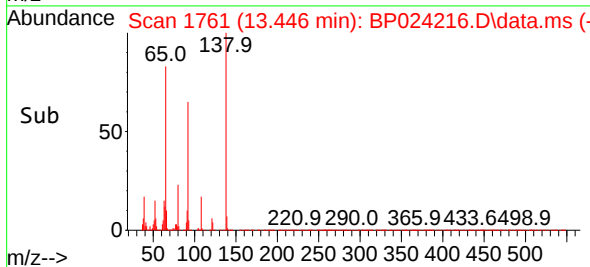
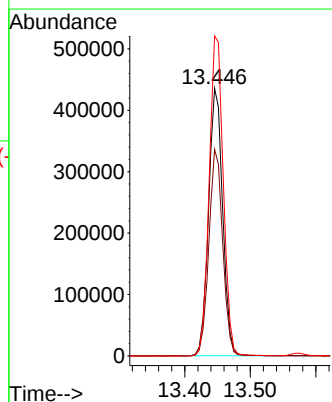
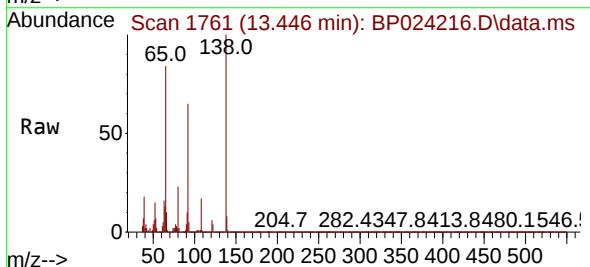
Manual Integrations
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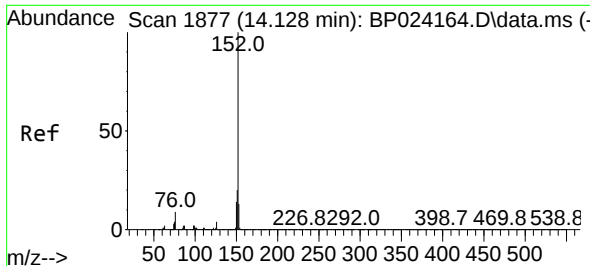
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#48
2-Nitroaniline
Concen: 53.576 ng
RT: 13.446 min Scan# 1761
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

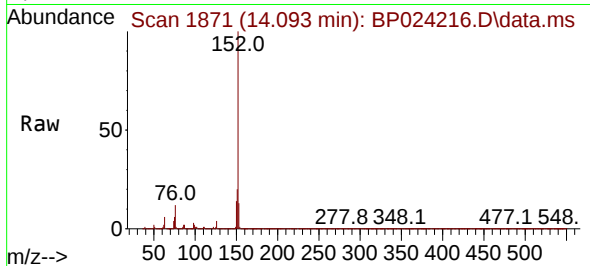
Tgt Ion: 65 Resp: 649900
Ion Ratio Lower Upper
65 100
92 77.3 62.1 93.1
138 119.6 99.5 149.3





#49
Acenaphthylene
Concen: 53.022 ng
RT: 14.093 min Scan# 1871
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

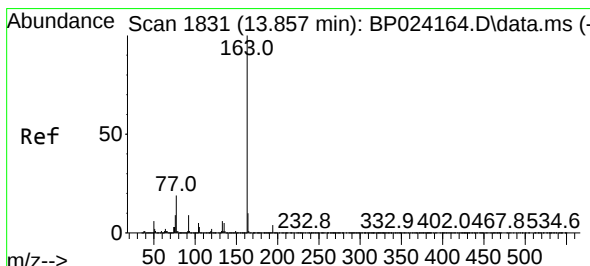
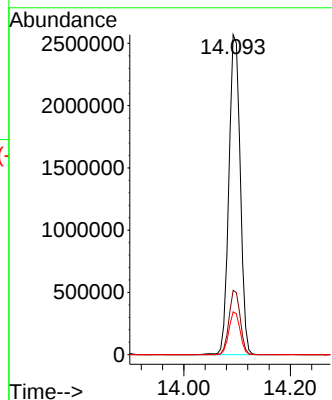
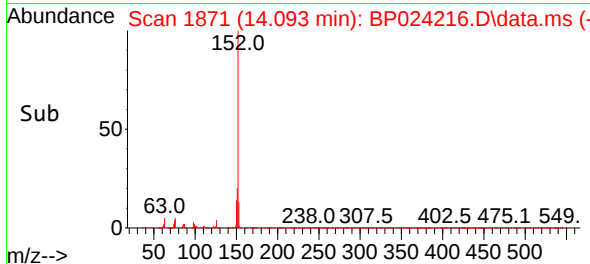
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



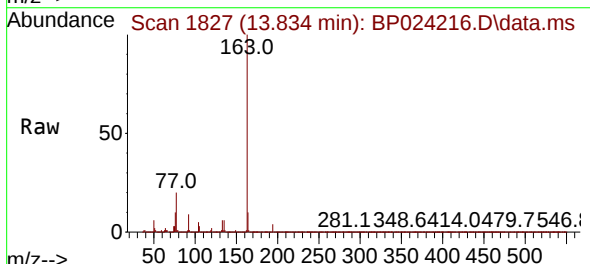
Tgt Ion:152 Resp: 380494
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.6 15.8

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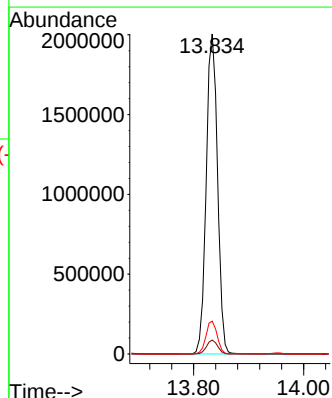
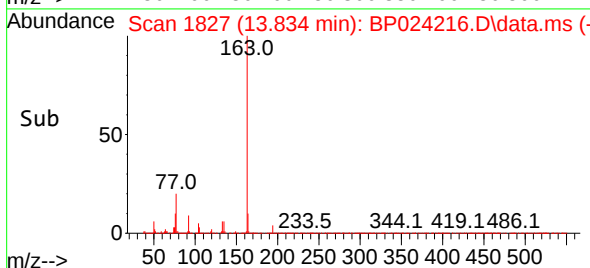
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

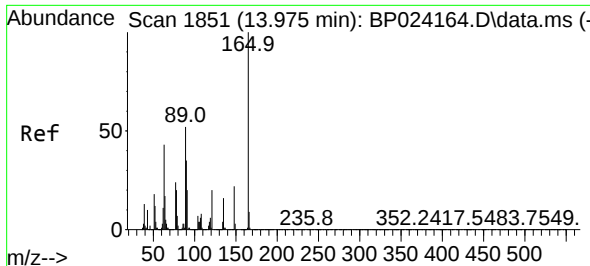


#50
Dimethylphthalate
Concen: 48.510 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



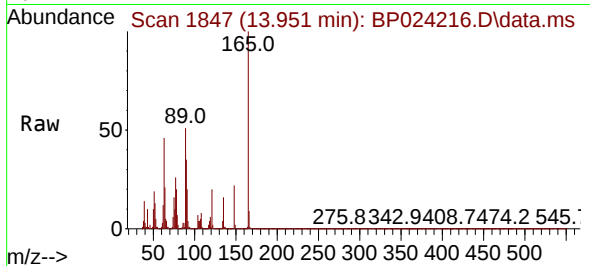
Tgt Ion:163 Resp: 2848116
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 51.573 ng
RT: 13.951 min Scan# 1847
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

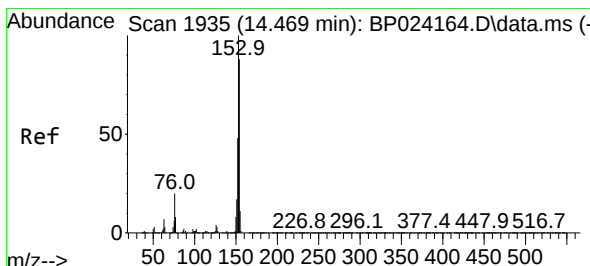
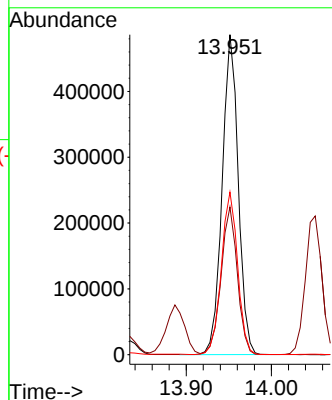
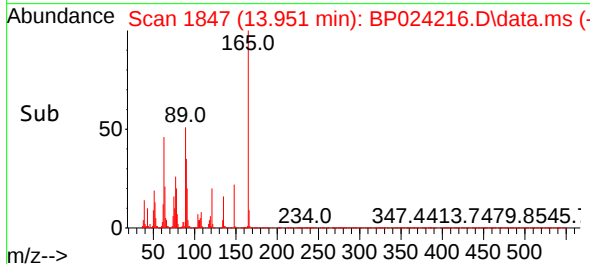
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:165 Resp: 637088
Ion Ratio Lower Upper
165 100
63 46.2 37.7 56.5
89 50.8 41.9 62.9

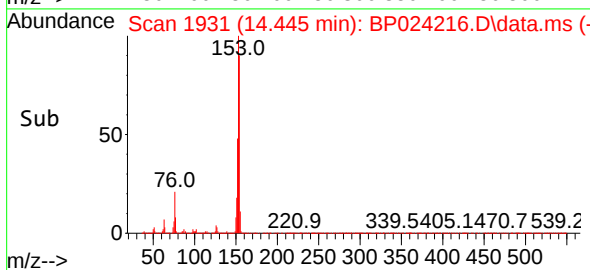
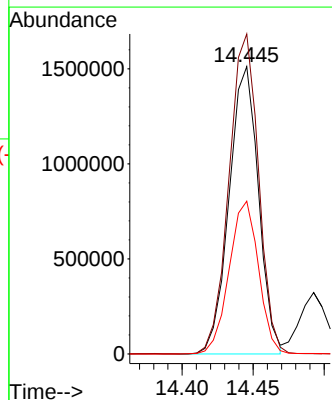
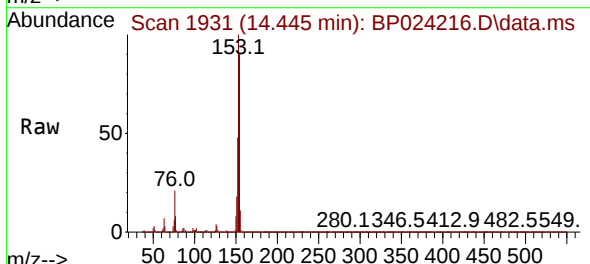
Manual Integrations
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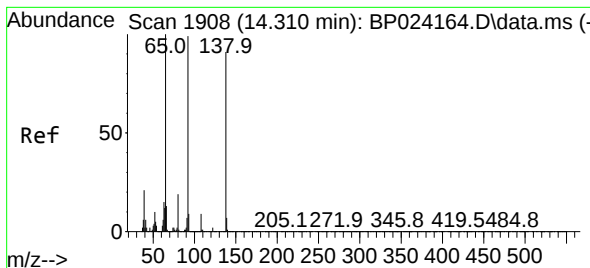
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#52
Acenaphthene
Concen: 47.374 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

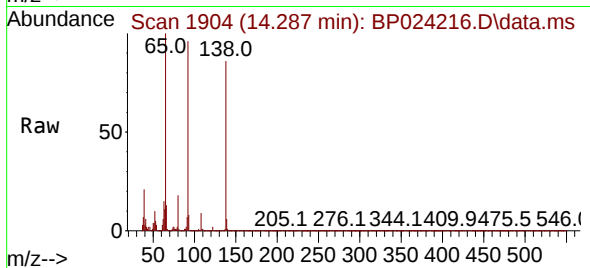
Tgt Ion:154 Resp: 2172104
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 53.2 43.1 64.7





#53
3-Nitroaniline
Concen: 18.034 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

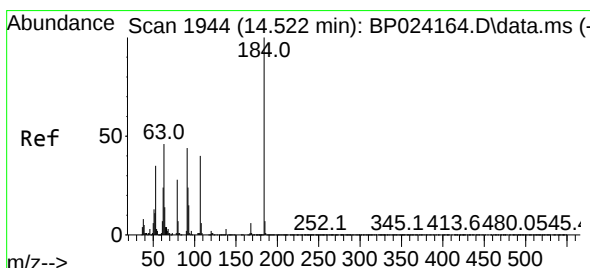
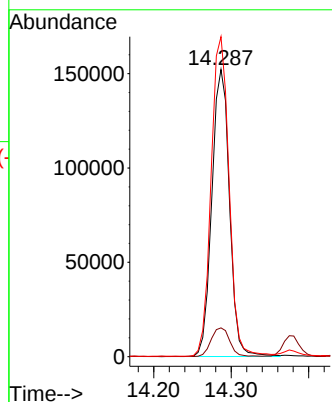
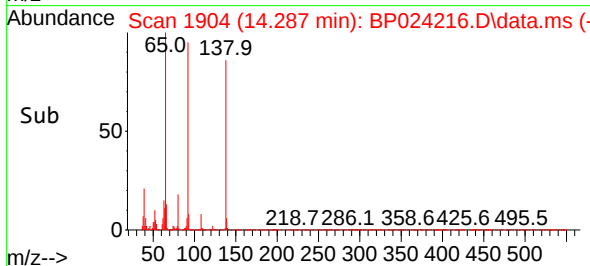
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



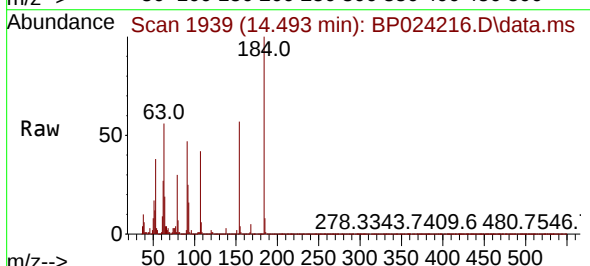
Tgt Ion:138 Resp: 24061
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 111.4 86.7 130.1

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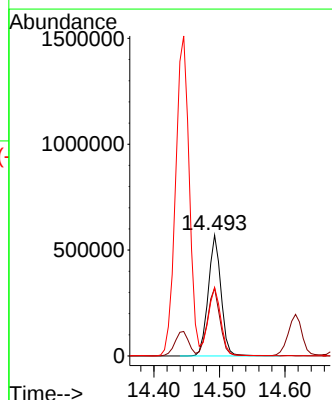
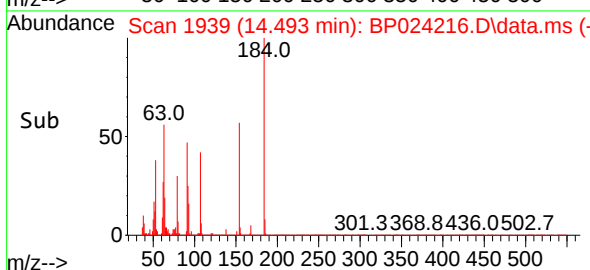
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

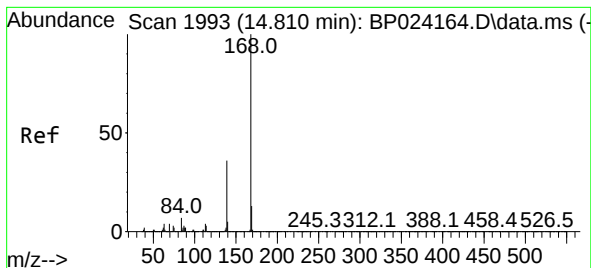


#54
2,4-Dinitrophenol
Concen: 118.823 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



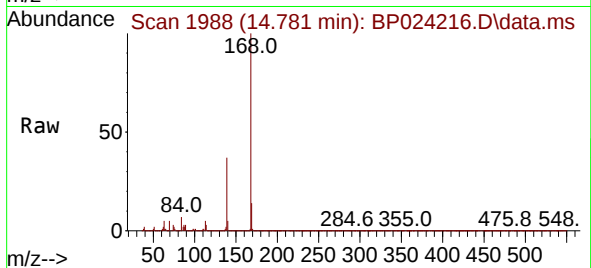
Tgt Ion:184 Resp: 776688
Ion Ratio Lower Upper
184 100
63 56.2 42.1 63.1
154 56.7 44.6 67.0





#55
Dibenzenofuran
Concen: 45.894 ng
RT: 14.781 min Scan# 1993
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

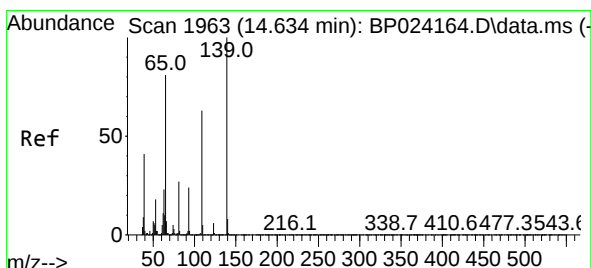
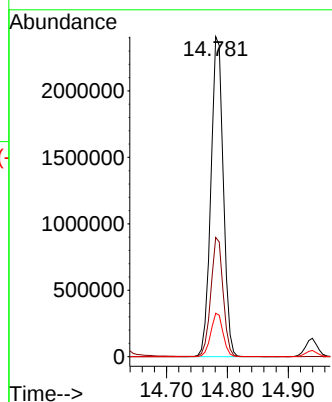
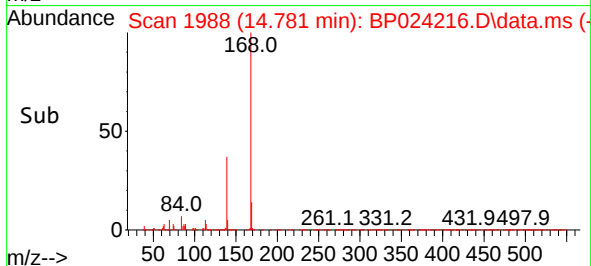
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



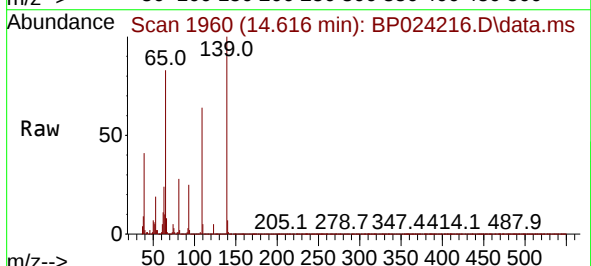
Tgt Ion:168 Resp: 340853
Ion Ratio Lower Upper
168 100
139 37.2 29.1 43.7
169 13.5 10.8 16.2

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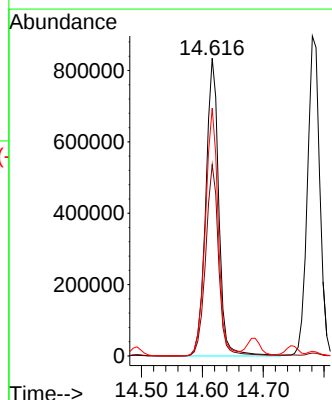
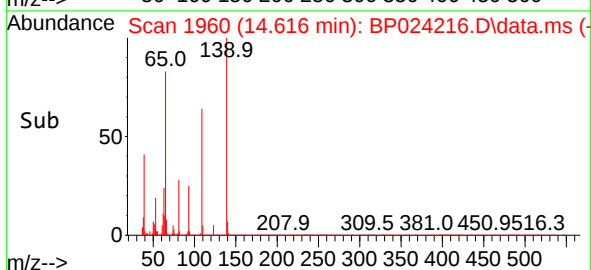
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

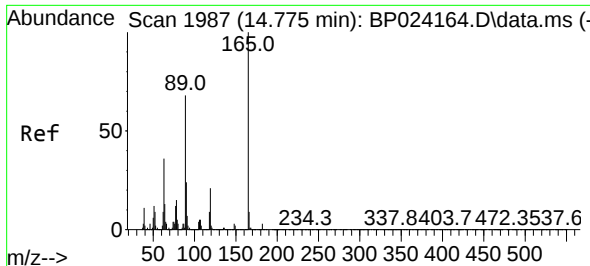


#56
4-Nitrophenol
Concen: 111.415 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



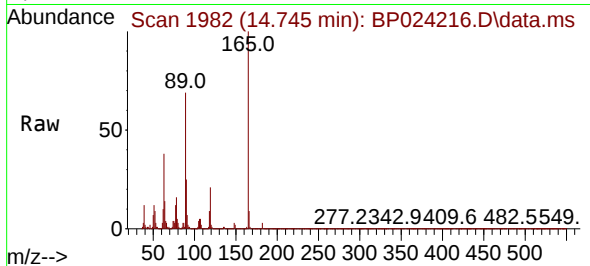
Tgt Ion:139 Resp: 1242109
Ion Ratio Lower Upper
139 100
109 64.3 43.3 83.3
65 83.2 61.2 101.2





#57
2,4-Dinitrotoluene
Concen: 53.704 ng
RT: 14.745 min Scan# 1987
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

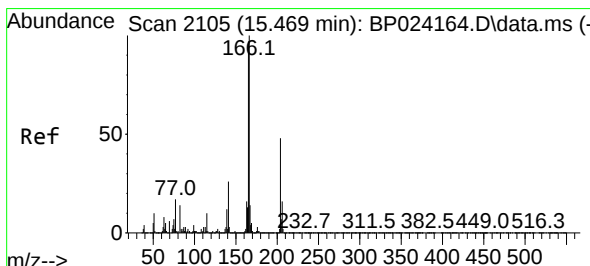
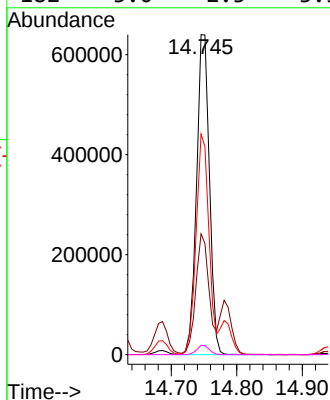
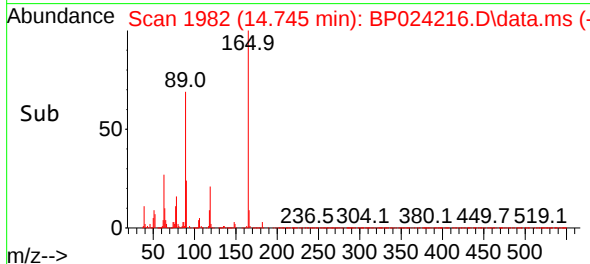
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:165 Resp: 876310
Ion Ratio Lower Upper
165 100
63 37.8 29.0 43.6
89 68.9 54.2 81.4
182 3.0 2.3 3.5

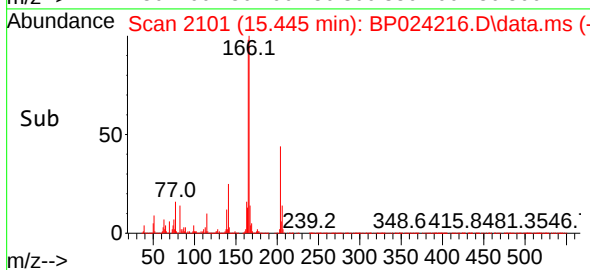
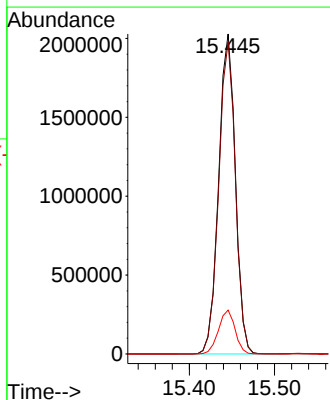
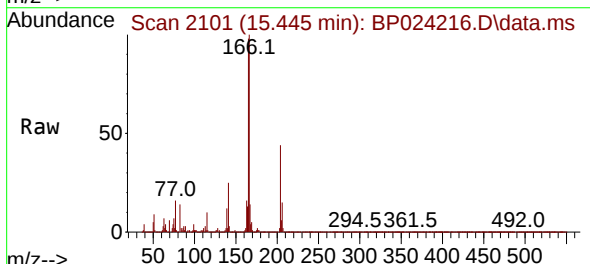
Manual Integrations
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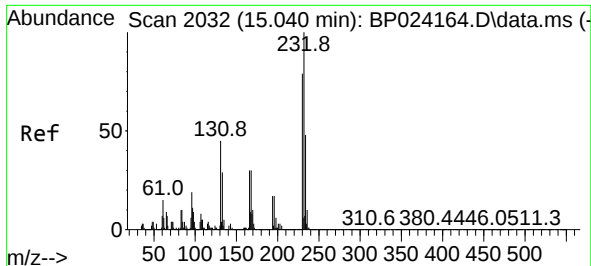
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#58
Fluorene
Concen: 47.788 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

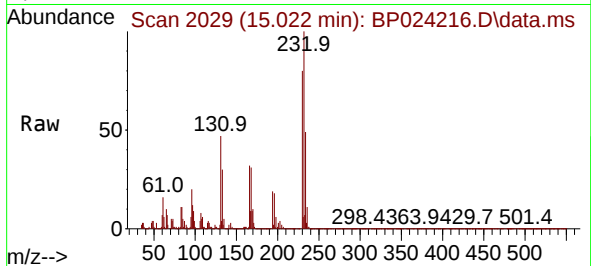
Tgt Ion:166 Resp: 2765323
Ion Ratio Lower Upper
166 100
165 97.5 77.6 116.4
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.913 ng
RT: 15.022 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

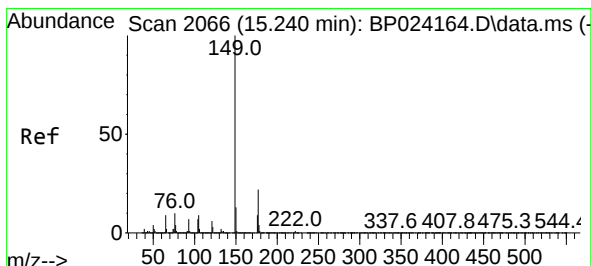
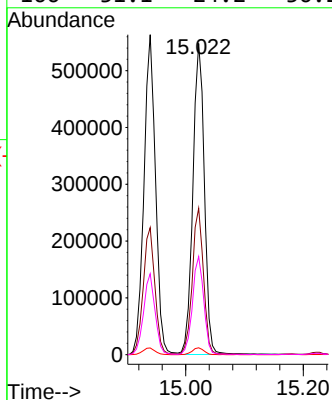
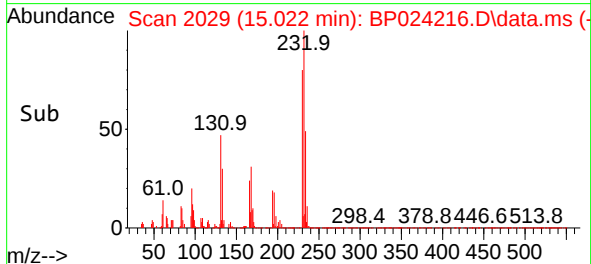
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:232 Resp: 745474
Ion Ratio Lower Upper
232 100
131 45.6 35.9 53.9
130 2.3 1.8 2.6
166 31.1 24.2 36.2

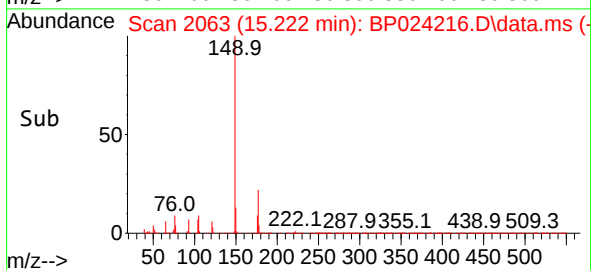
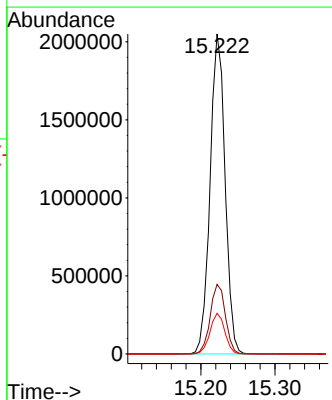
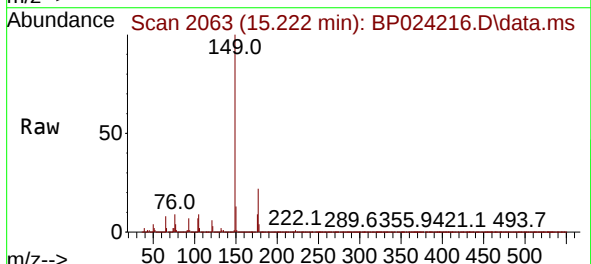
Manual Integrations
APPROVED

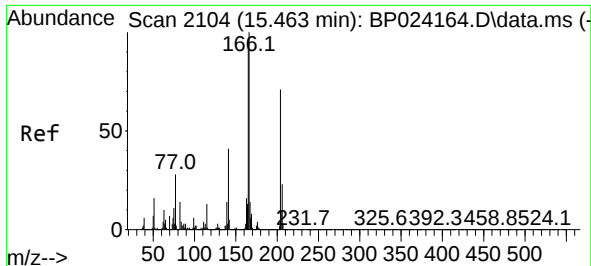
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#60
Diethylphthalate
Concen: 49.222 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

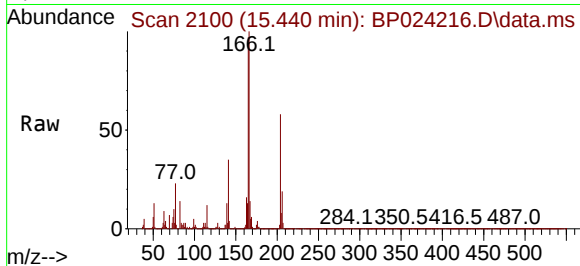
Tgt Ion:149 Resp: 2877884
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.805 ng
RT: 15.440 min Scan# 2100
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

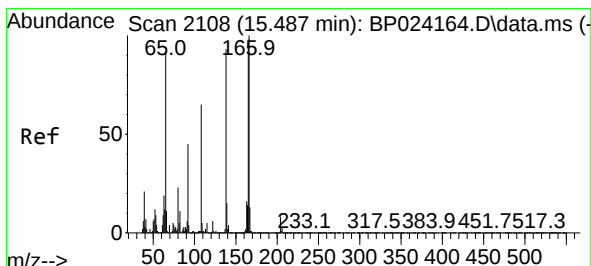
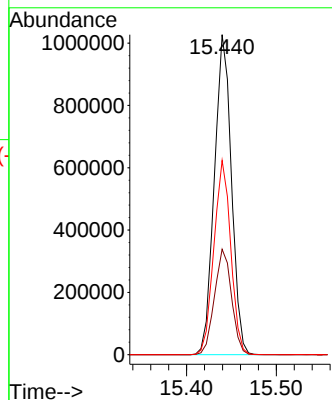
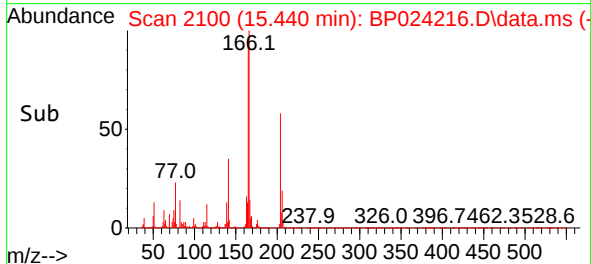
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:204 Resp: 135678
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.7 45.8 68.8

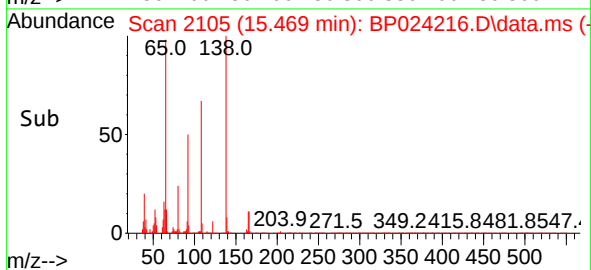
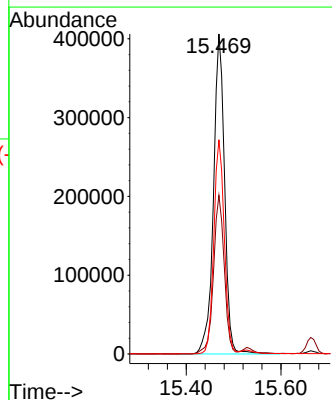
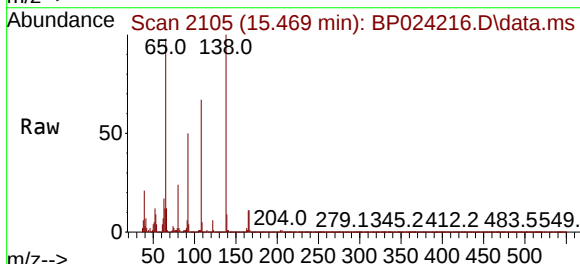
Manual Integrations
APPROVED

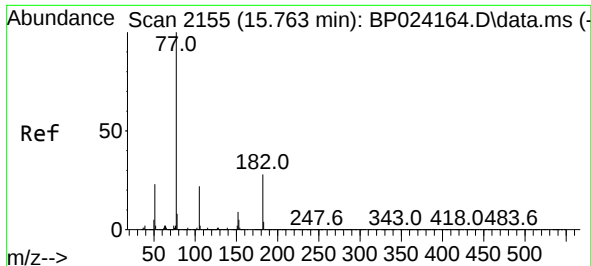
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#62
4-Nitroaniline
Concen: 47.399 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

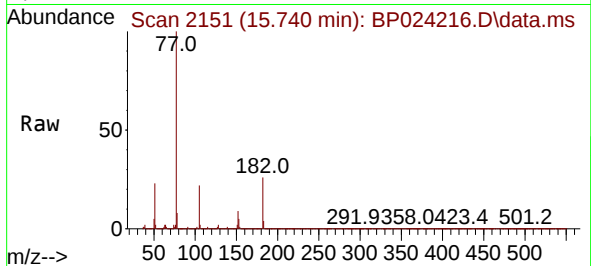
Tgt Ion:138 Resp: 663283
Ion Ratio Lower Upper
138 100
92 49.6 28.7 68.7
108 67.0 49.5 89.5





#63
Azobenzene
Concen: 56.694 ng
RT: 15.740 min Scan# 2151
Delta R.T. -0.024 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

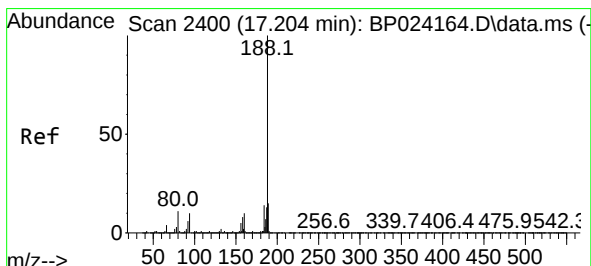
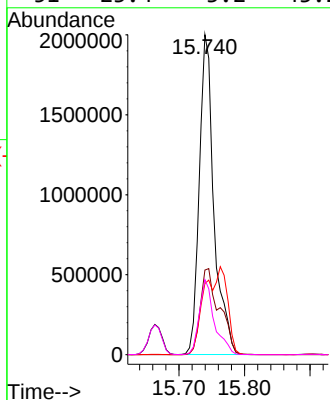
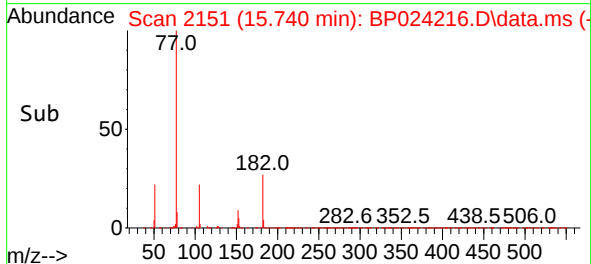
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



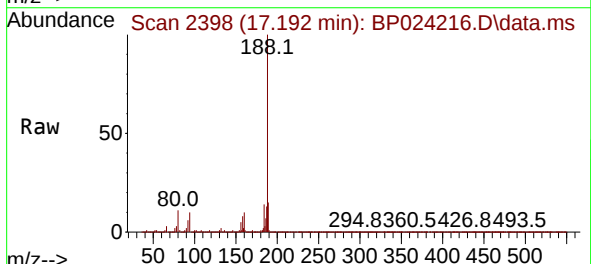
Tgt Ion: 77 Resp: 312424
Ion Ratio Lower Upper
77 100
182 26.4 7.7 47.7
105 22.3 2.3 42.3
51 23.4 3.2 43.2

Manual Integrations
APPROVED

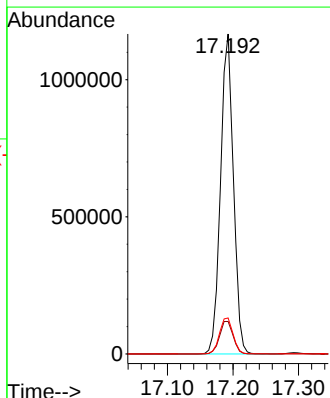
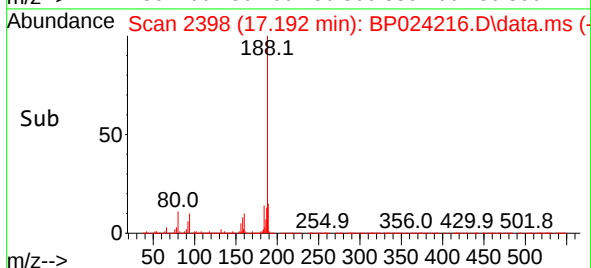
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

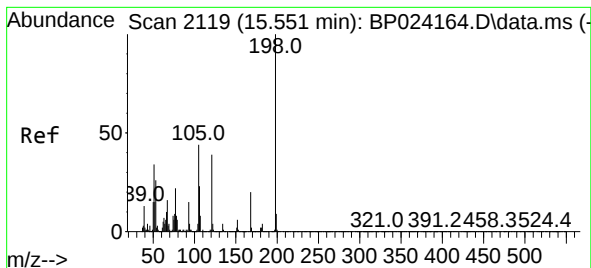


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



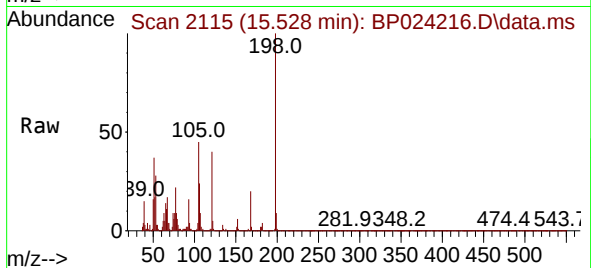
Tgt Ion:188 Resp: 1580328
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.3 8.9 13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.264 ng
RT: 15.528 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

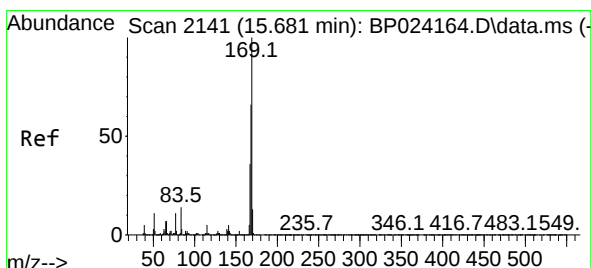
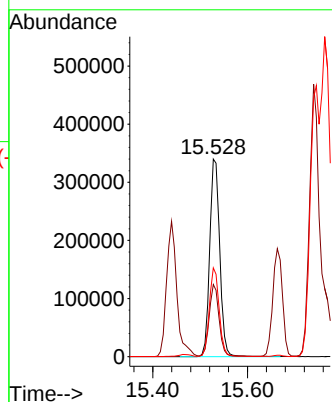
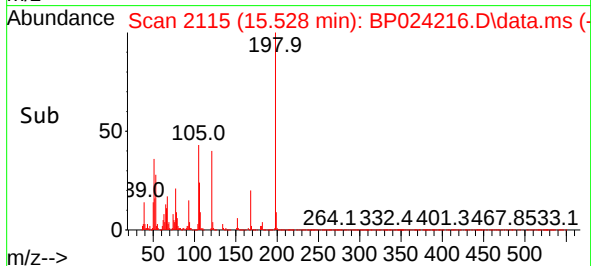
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:198 Resp: 499710
Ion Ratio Lower Upper
198 100
51 36.5 14.7 54.7
105 45.0 23.8 63.8

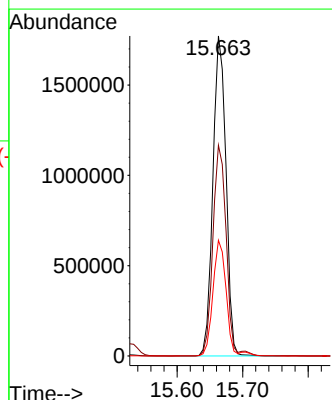
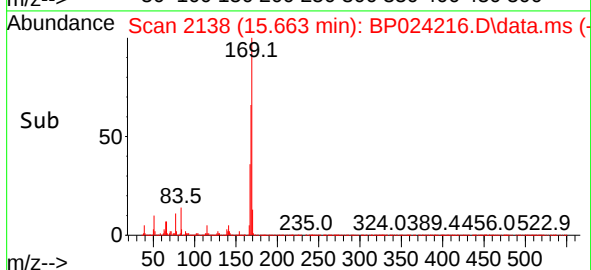
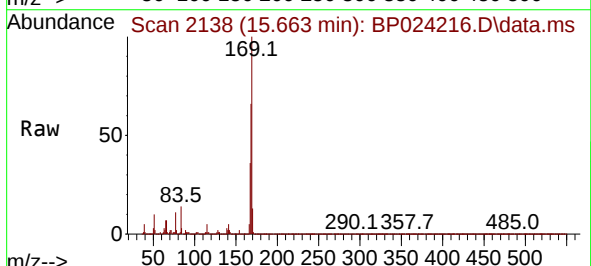
Manual Integrations
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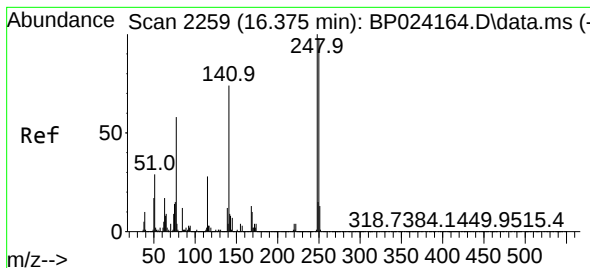
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#66
n-Nitrosodiphenylamine
Concen: 50.971 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

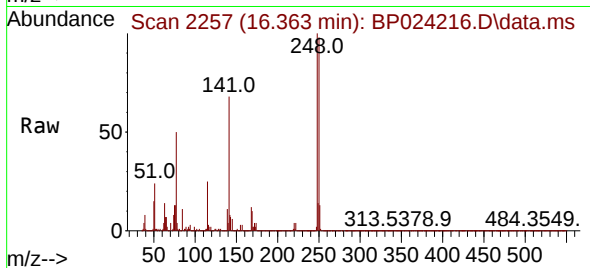
Tgt Ion:169 Resp: 2446073
Ion Ratio Lower Upper
169 100
168 65.8 52.9 79.3
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 50.249 ng
RT: 16.363 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

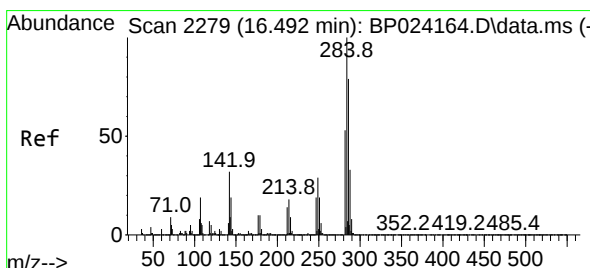
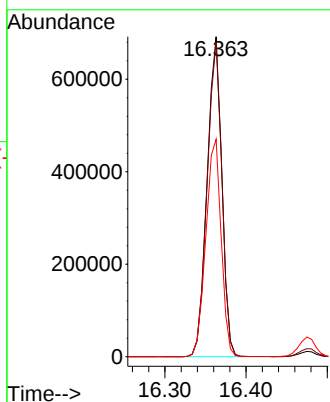
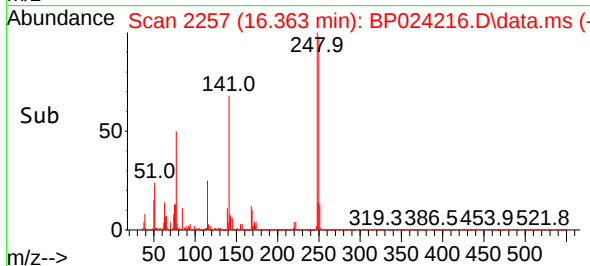
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:248 Resp: 871839
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 67.9 59.4 89.0

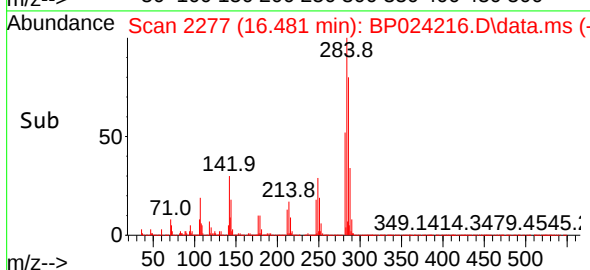
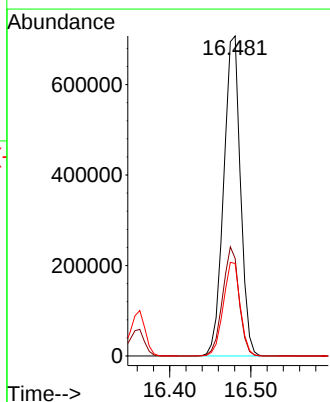
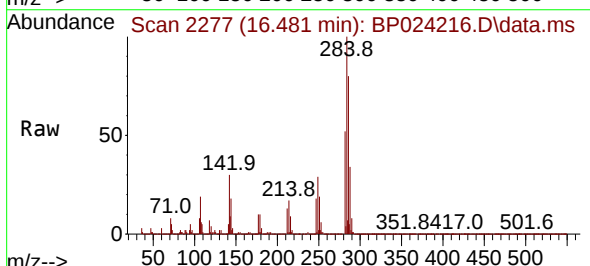
Manual Integrations
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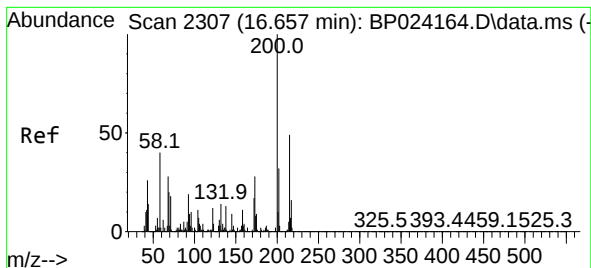
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#68
Hexachlorobenzene
Concen: 49.465 ng
RT: 16.481 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:284 Resp: 1015816
Ion Ratio Lower Upper
284 100
142 30.5 25.4 38.2
249 28.9 23.5 35.3





#69

Atrazine

Concen: 73.585 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion:200 Resp: 852340

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

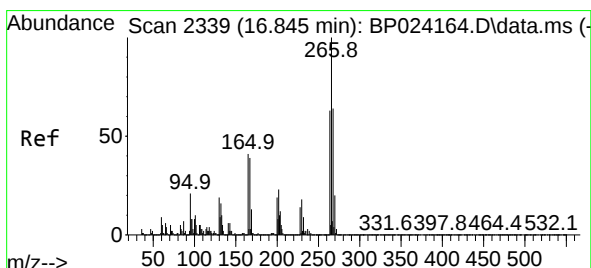
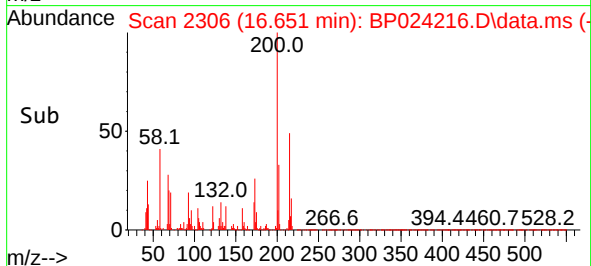
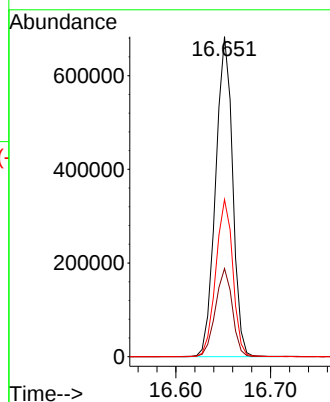
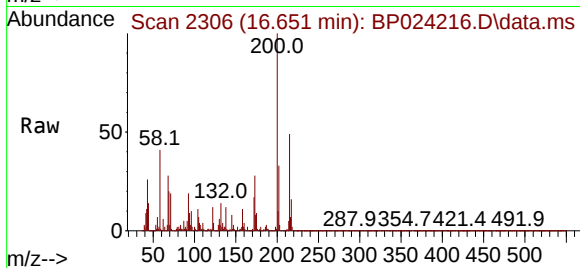
215 49.1 29.0 69.0

Manual Integrations

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Reviewed By :Anahy Claudio 04/09/2025

Supervised By :Jagrut Upadhyay 04/09/2025



#70

Pentachlorophenol

Concen: 107.999 ng

RT: 16.834 min Scan# 2337

Delta R.T. -0.012 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

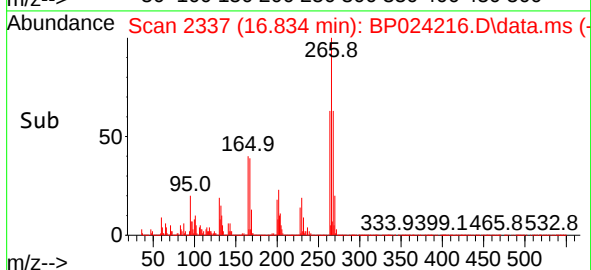
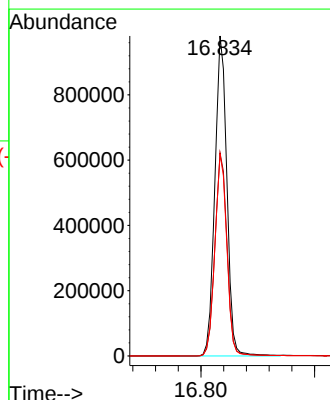
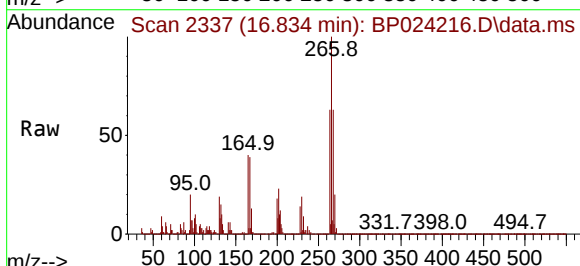
Tgt Ion:266 Resp: 1434267

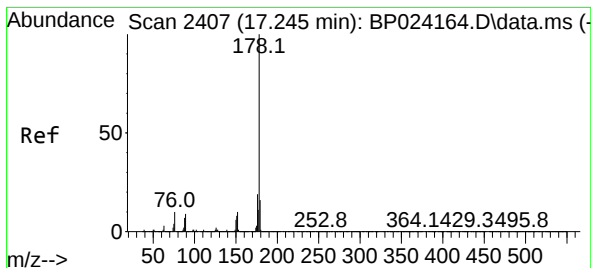
Ion Ratio Lower Upper

266 100

268 63.4 51.3 76.9

264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 49.460 ng

RT: 17.234 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion:178 Resp: 427004

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

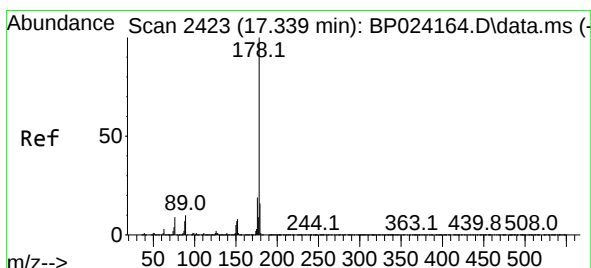
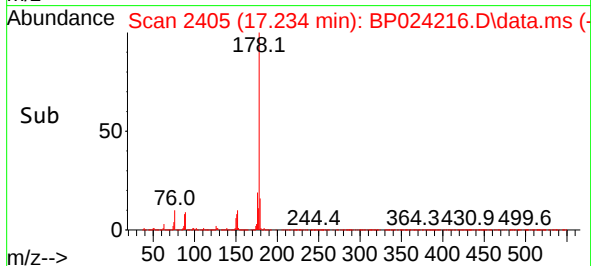
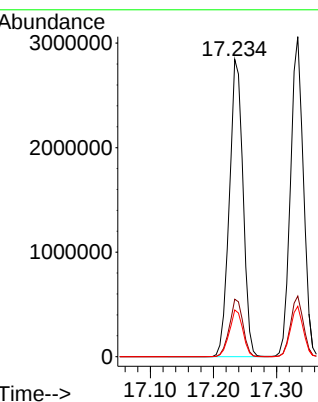
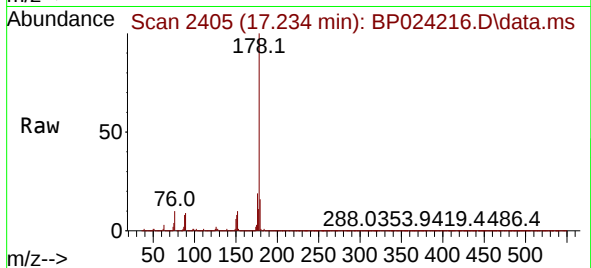
179 15.7 12.5 18.7

Manual Integrations

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Reviewed By :Anahy Claudio 04/09/2025

Supervised By :Jagrut Upadhyay 04/09/2025



#72

Anthracene

Concen: 51.826 ng

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

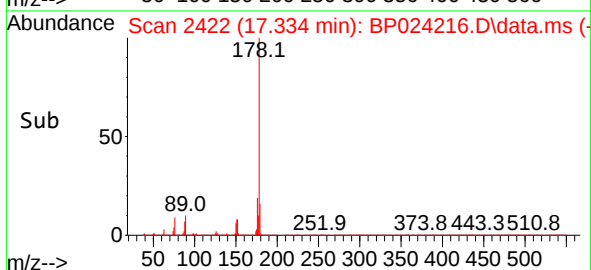
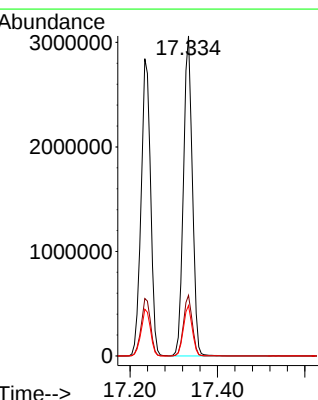
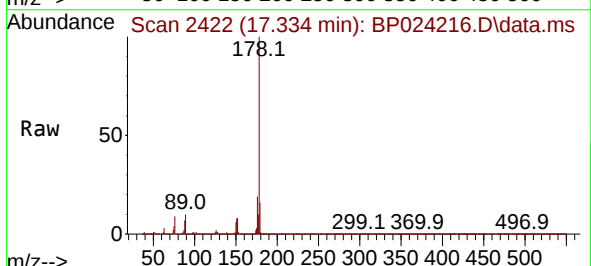
Tgt Ion:178 Resp: 4357809

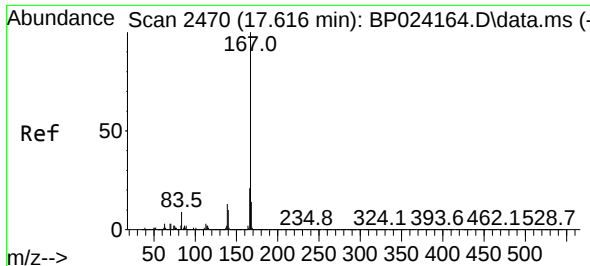
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

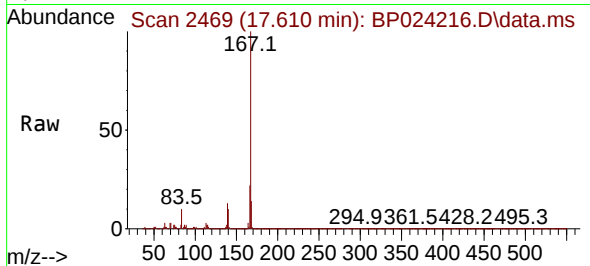
179 15.8 12.6 18.8





#73
 Carbazole
 Concen: 50.097 ng
 RT: 17.610 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

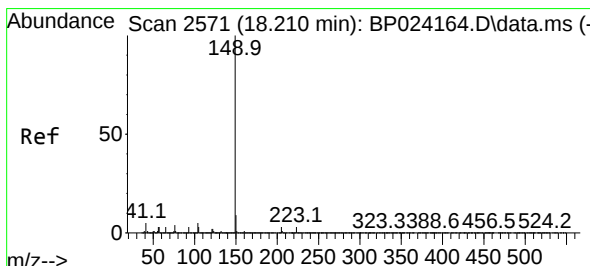
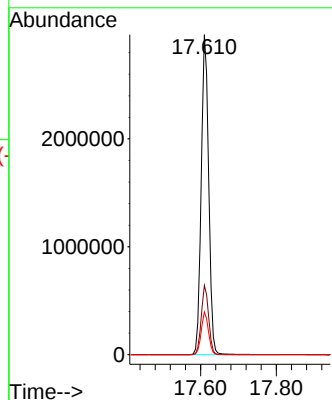
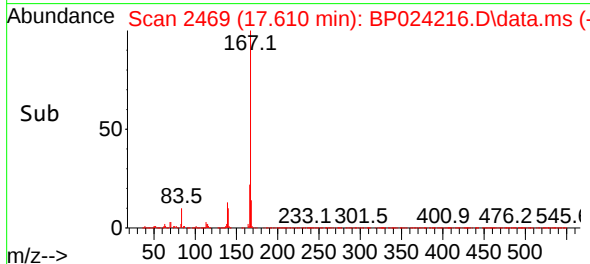
Instrument :
 BNA_P
 ClientSampleId :
 OU4-VSL-15-040325MSD



Tgt Ion:167 Resp: 4062352
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.3 10.2 15.4

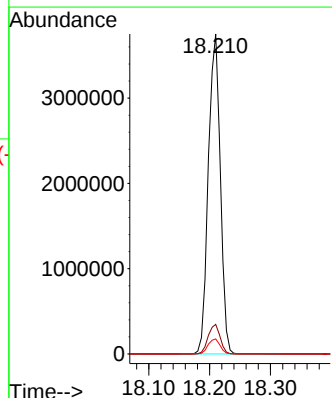
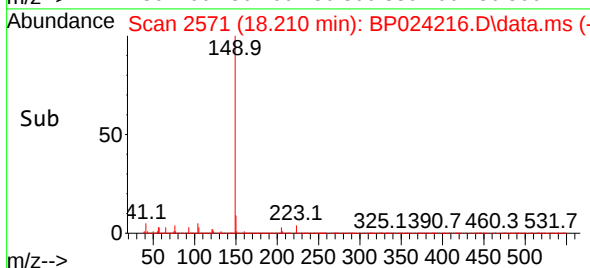
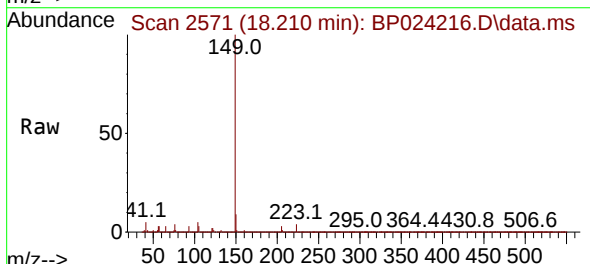
Manual Integrations
 APPROVED

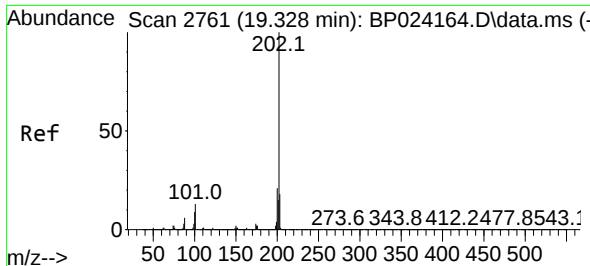
Reviewed By :Anahy Claudio 04/09/2025
 Supervised By :Jagrut Upadhyay 04/09/2025



#74
 Di-n-butylphthalate
 Concen: 53.298 ng
 RT: 18.210 min Scan# 2571
 Delta R.T. -0.000 min
 Lab File: BP024216.D
 Acq: 08 Apr 2025 17:07

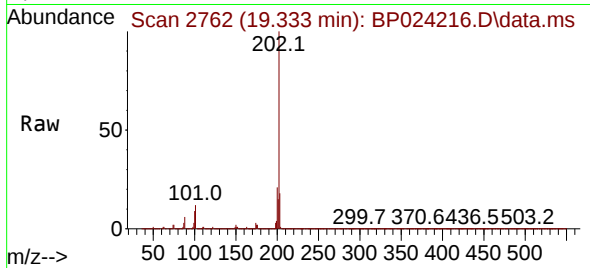
Tgt Ion:149 Resp: 5130594
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.7 3.9 5.9





#75
Fluoranthene
Concen: 49.873 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

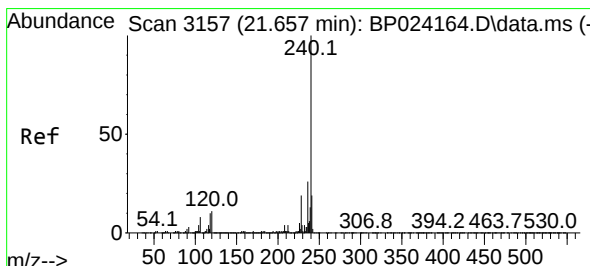
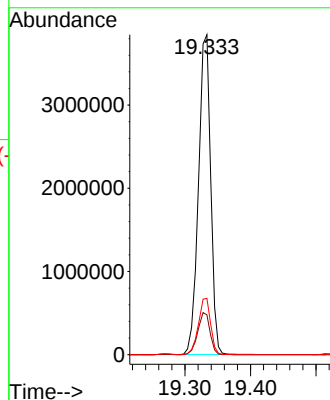
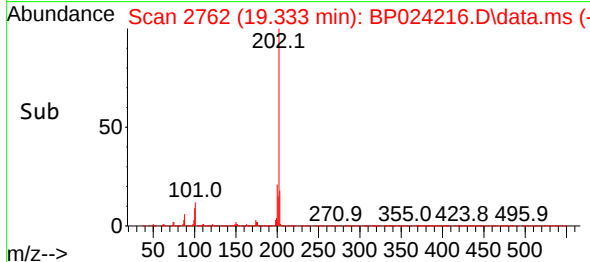
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:202 Resp: 498670
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.5
203 17.6 0.0 37.9

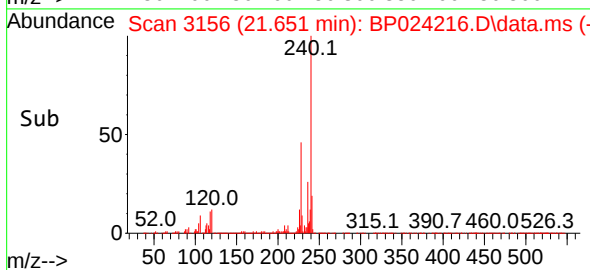
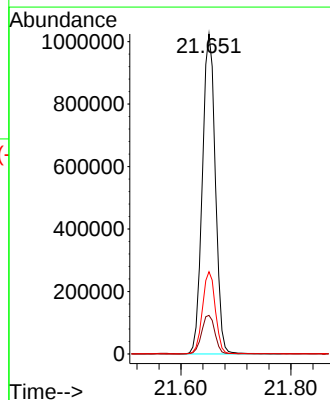
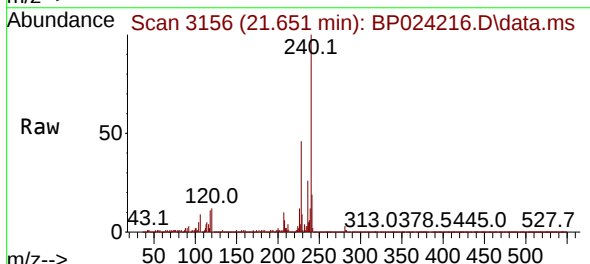
Manual Integrations
APPROVED

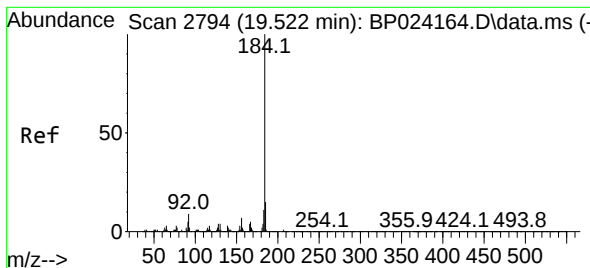
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:240 Resp: 1682505
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.7 20.4 30.6





#77

Benzidine

Concen: 88.599 ng

RT: 19.522 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024216.D

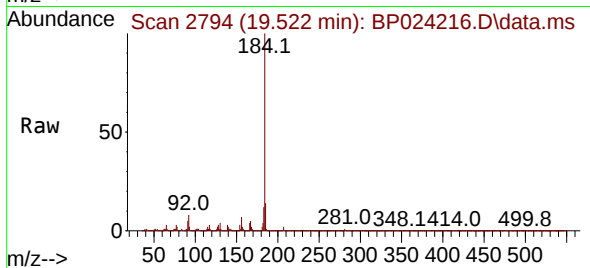
Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD



Tgt Ion:184 Resp: 162982

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

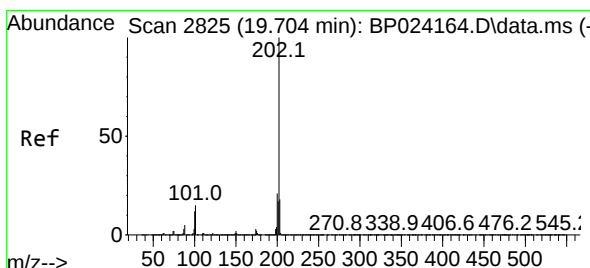
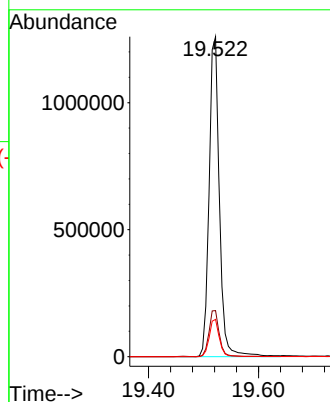
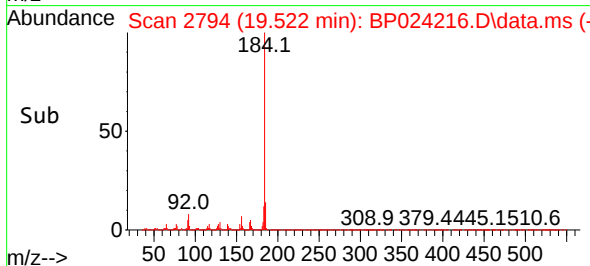
183 11.6 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/09/2025

Supervised By :Jagrut Upadhyay 04/09/2025



#78

Pyrene

Concen: 48.928 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

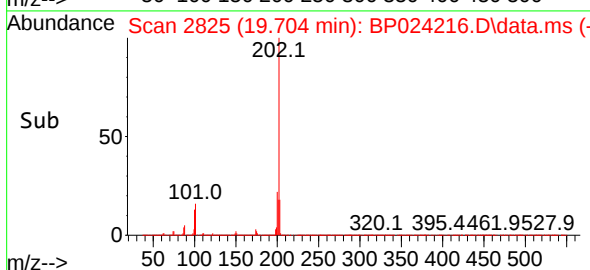
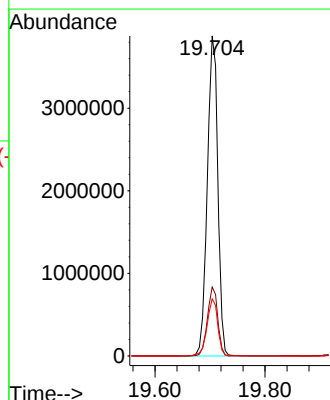
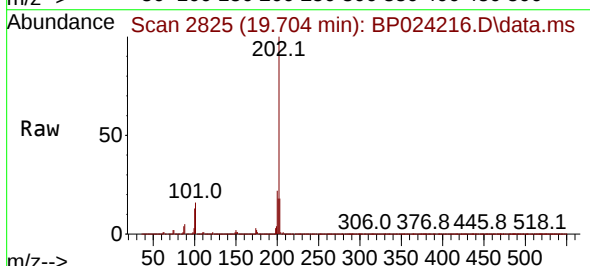
Tgt Ion:202 Resp: 5117907

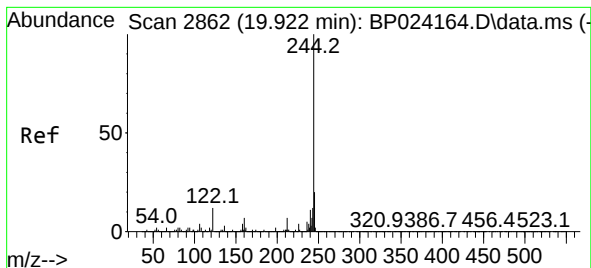
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 76.346 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024216.D

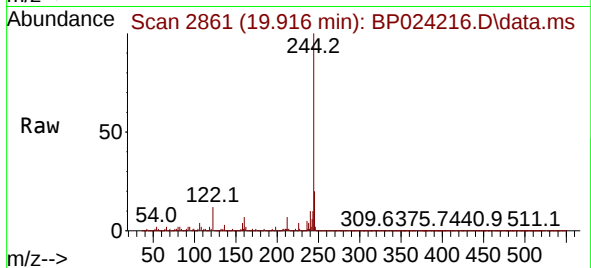
Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD



Tgt Ion:244 Resp: 622283

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

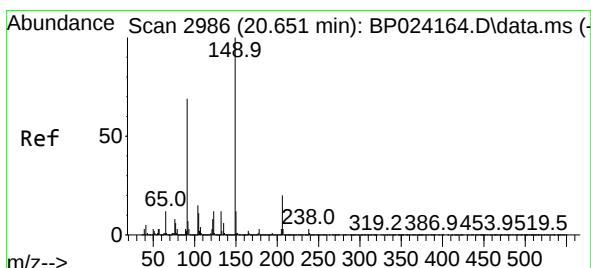
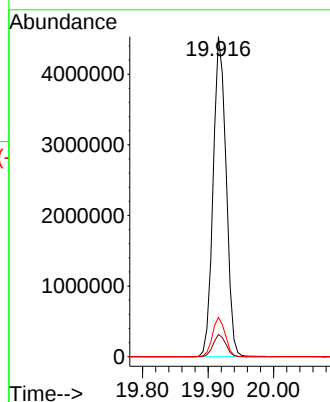
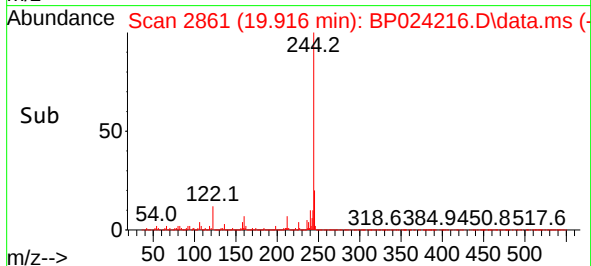
122 12.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/09/2025

Supervised By :Jagrut Upadhyay 04/09/2025



#80

Butylbenzylphthalate

Concen: 56.821 ng

RT: 20.657 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

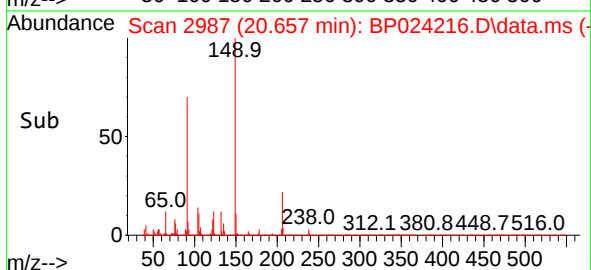
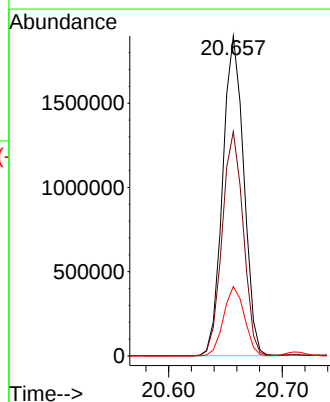
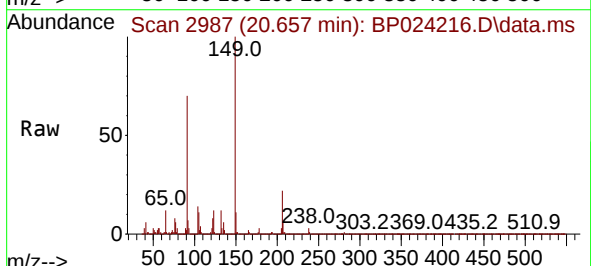
Tgt Ion:149 Resp: 2450988

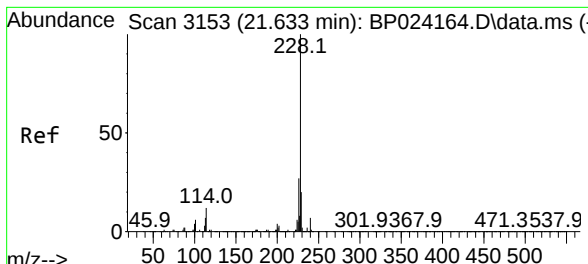
Ion Ratio Lower Upper

149 100

91 70.1 55.3 82.9

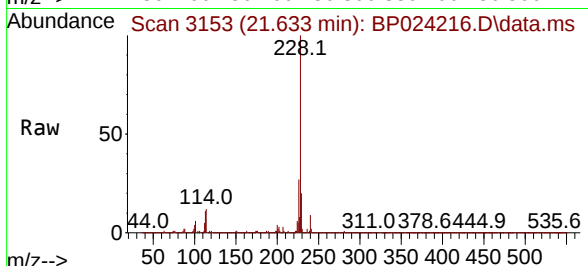
206 21.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 49.465 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

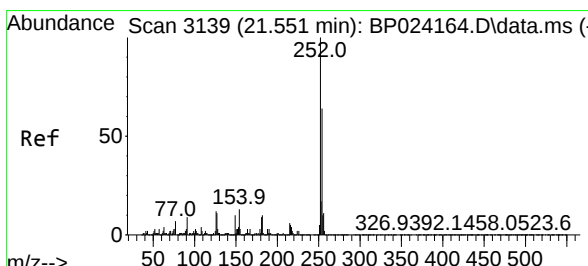
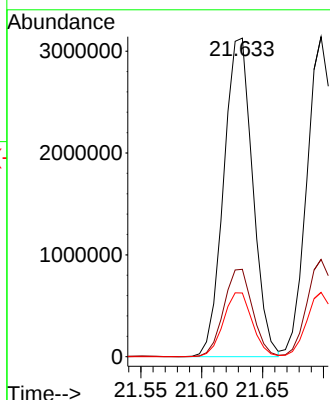
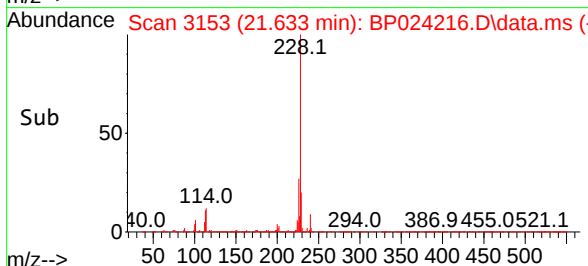
Instrument : BNA_P
ClientSampleId : OU4-VSL-15-040325MSD



Tgt Ion:228 Resp: 517433
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 16.0 24.0

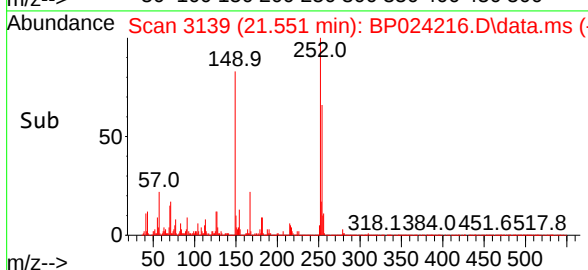
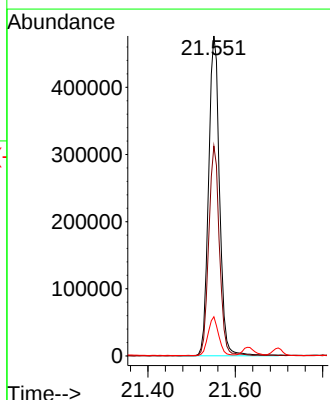
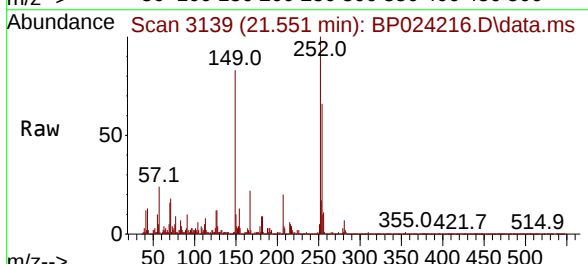
Manual Integrations
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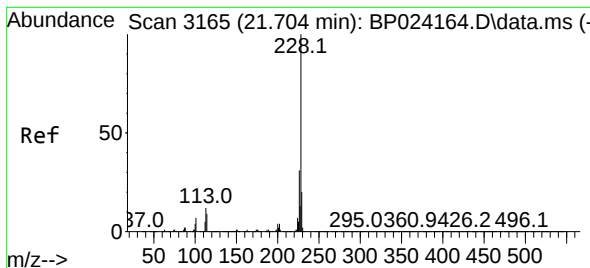
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.633 ng
RT: 21.551 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:252 Resp: 828540
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.2
126 12.3 9.3 13.9





#83

Chrysene

Concen: 48.713 ng

RT: 21.698 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP024216.D

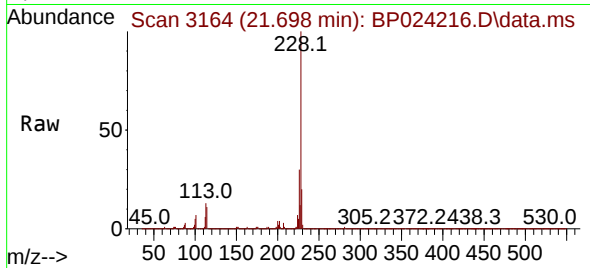
Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD



Tgt Ion:228 Resp: 489852

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

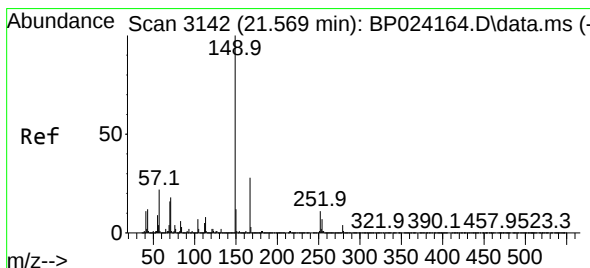
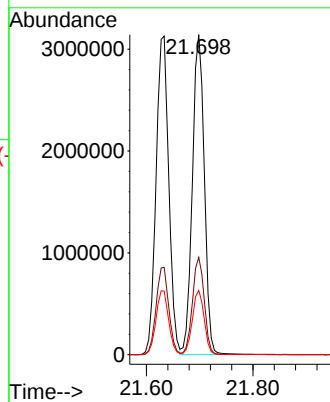
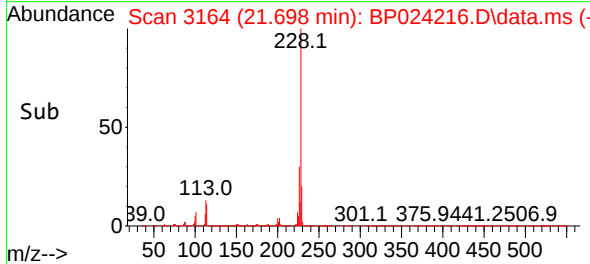
229 20.1 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/09/2025

Supervised By :Jagrut Upadhyay 04/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.311 ng

RT: 21.569 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

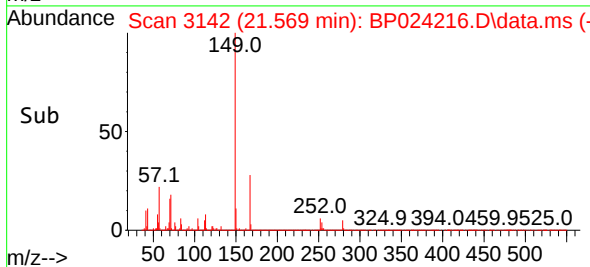
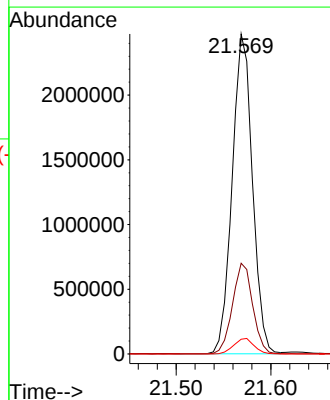
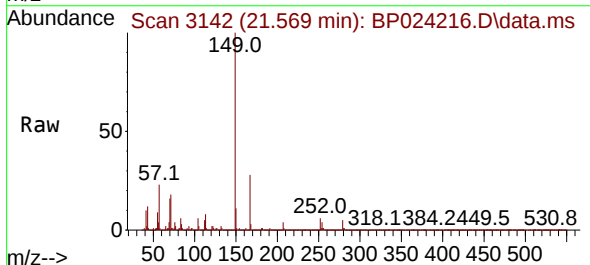
Tgt Ion:149 Resp: 3665117

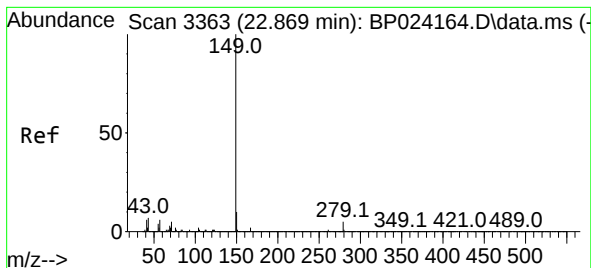
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 59.386 ng

RT: 22.869 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

Instrument :

BNA_P

ClientSampleId :

OU4-VSL-15-040325MSD

Tgt Ion:149 Resp: 619296

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

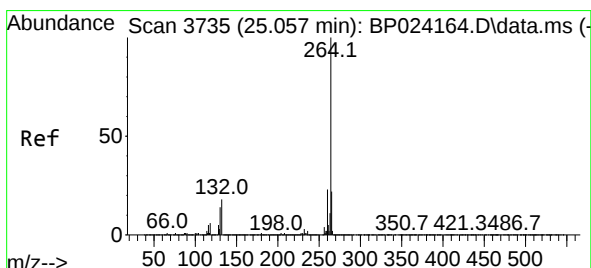
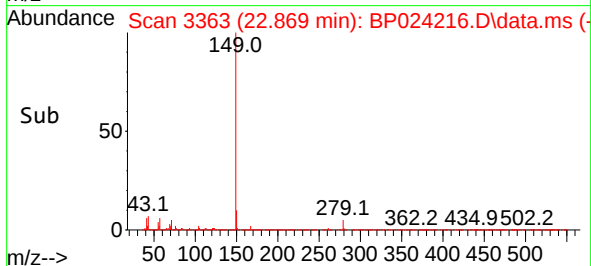
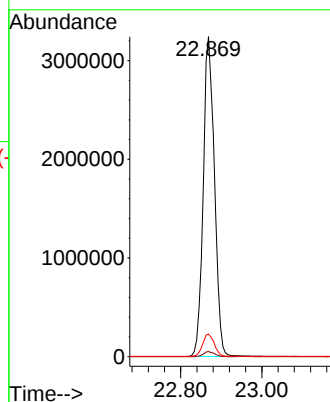
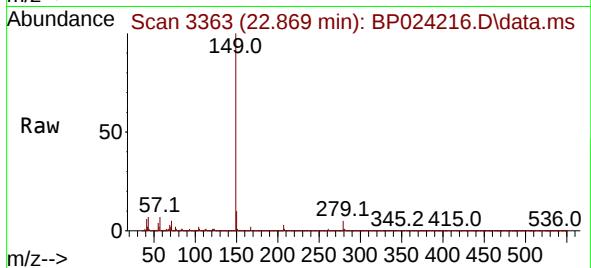
43 7.2 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/09/2025

Supervised By :Jagrut Upadhyay 04/09/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.027 min Scan# 3730

Delta R.T. -0.029 min

Lab File: BP024216.D

Acq: 08 Apr 2025 17:07

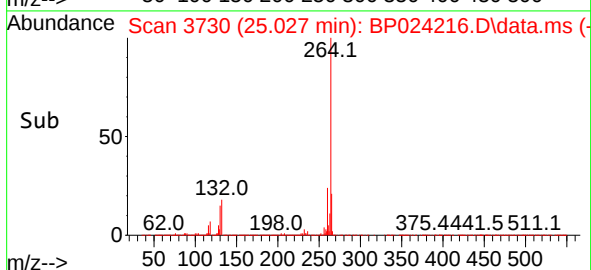
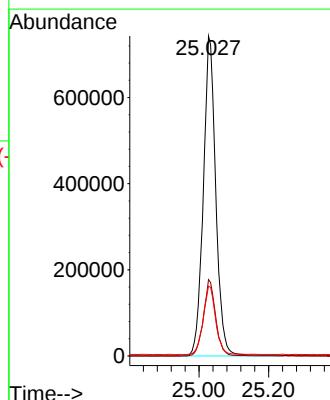
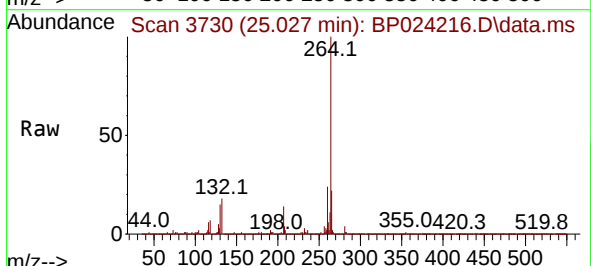
Tgt Ion:264 Resp: 1850740

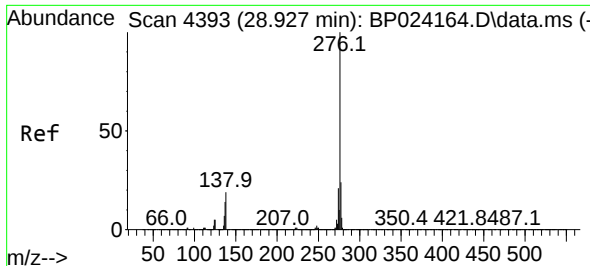
Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

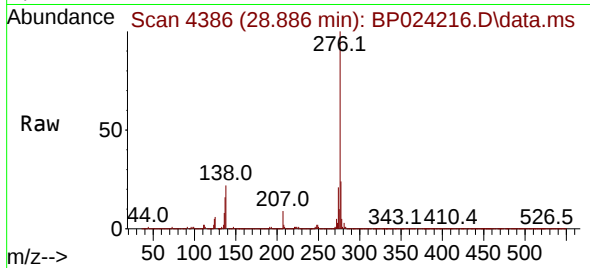
265 21.8 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.832 ng
RT: 28.886 min Scan# 4393
Delta R.T. -0.041 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

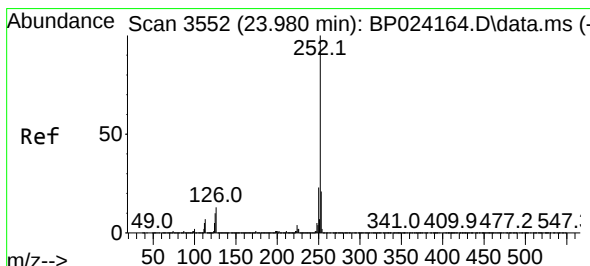
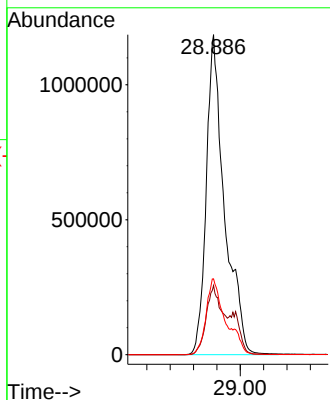
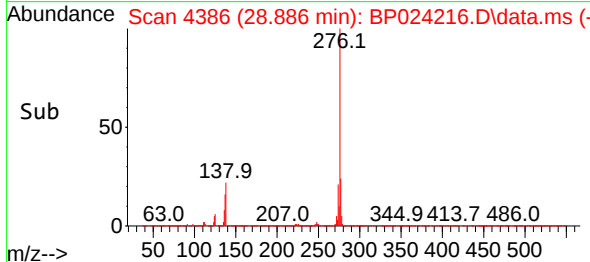
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



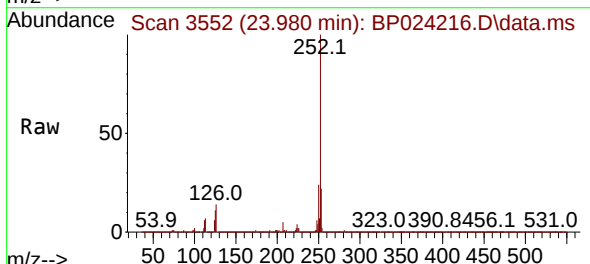
Tgt Ion: 276 Resp: 643669
Ion Ratio Lower Upper
276 100
138 18.8 13.7 20.5
277 25.3 20.2 30.2

Manual Integrations
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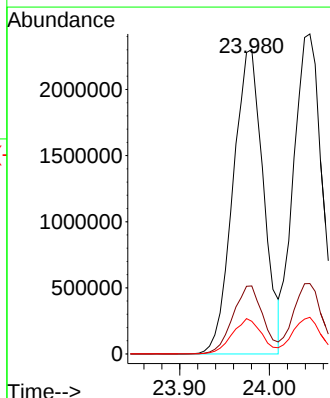
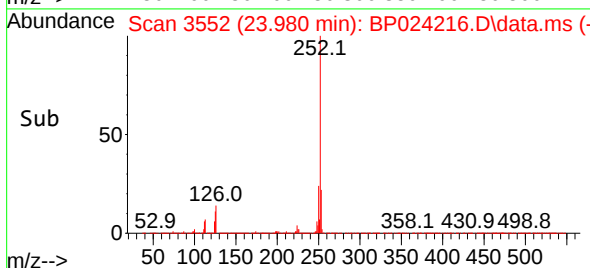
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

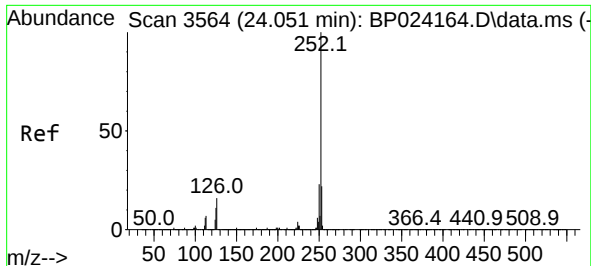


#88
Benzo(b)fluoranthene
Concen: 48.497 ng
RT: 23.980 min Scan# 3552
Delta R.T. -0.000 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



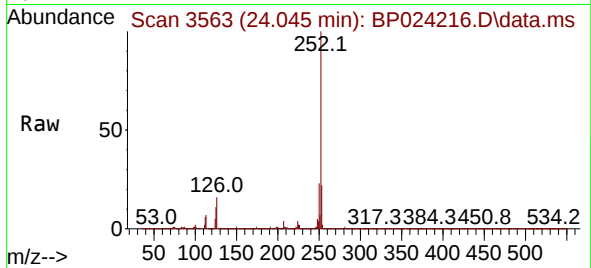
Tgt Ion: 252 Resp: 5411714
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 10.7 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 49.185 ng
RT: 24.045 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

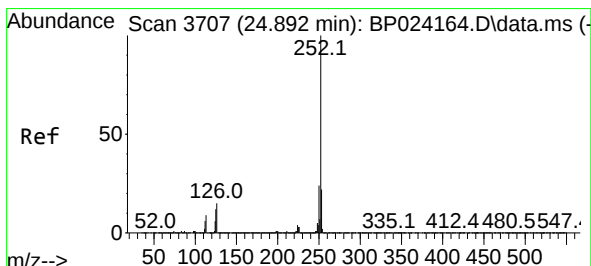
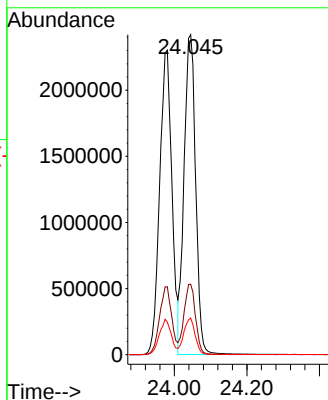
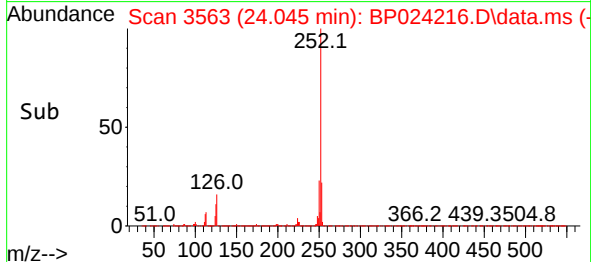
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



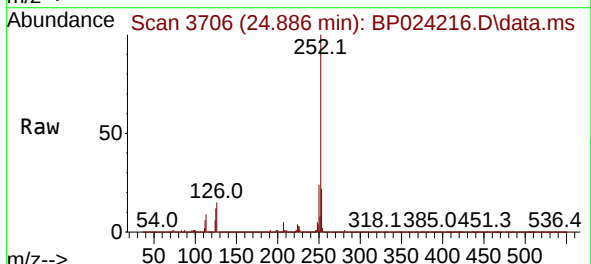
Tgt Ion:252 Resp: 536878
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.5 9.1 13.7

Manual Integrations
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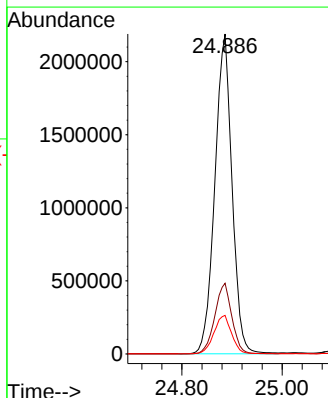
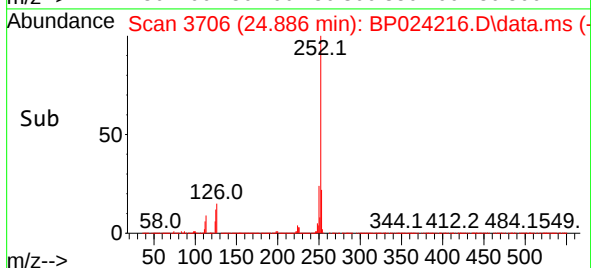
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

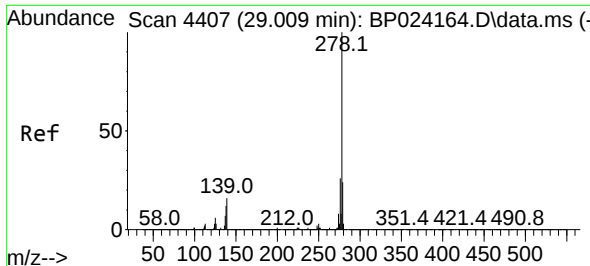


#90
Benzo(a)pyrene
Concen: 53.740 ng
RT: 24.886 min Scan# 3706
Delta R.T. -0.006 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07



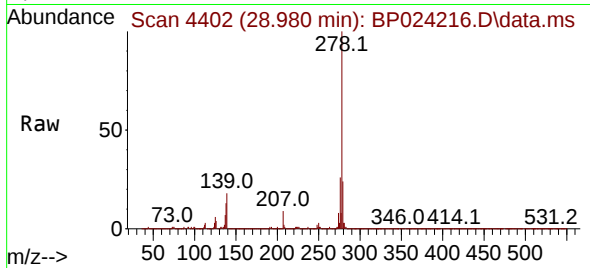
Tgt Ion:252 Resp: 5214524
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 12.0 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 49.312 ng
RT: 28.980 min Scan# 4407
Delta R.T. -0.029 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

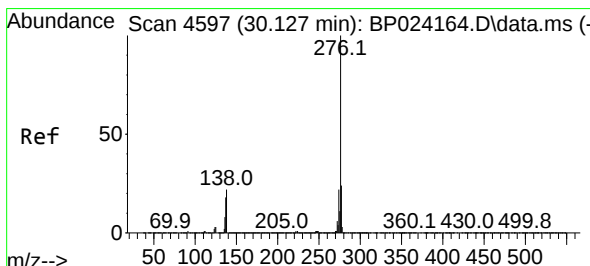
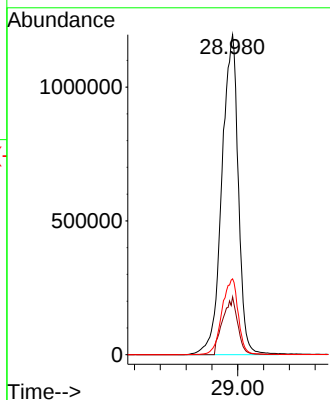
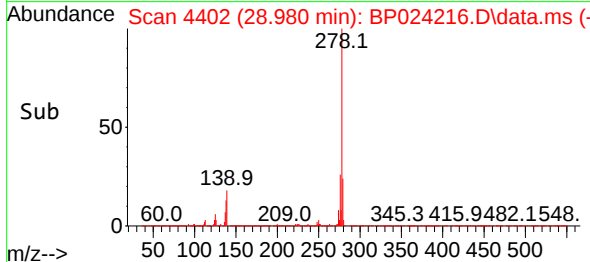
Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD



Tgt Ion:278 Resp: 529914
Ion Ratio Lower Upper
278 100
139 18.1 13.0 19.4
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025



#92
Benzo(g,h,i)perylene
Concen: 46.795 ng m
RT: 30.092 min Scan# 4591
Delta R.T. -0.035 min
Lab File: BP024216.D
Acq: 08 Apr 2025 17:07

Tgt Ion:276 Resp: 5111770
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 23.5 17.4 26.2

