

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142096.D
 Acq On : 26 Mar 2025 14:36
 Operator : RC/JU
 Sample : PB167310BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167310BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025

Quant Time: Mar 26 14:58:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126237	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	477255	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	273347	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	496995	20.000	ng	0.00
76) Chrysene-d12	14.039	240	337990	20.000	ng	0.00
86) Perylene-d12	15.510	264	323857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1104730	146.055	ng	0.00
7) Phenol-d6	6.504	99	1346472	139.815	ng	0.00
23) Nitrobenzene-d5	7.434	82	884127	104.253	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	622165	179.414	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1857769	103.360	ng	-0.01
79) Terphenyl-d14	12.980	244	2456904	107.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	137024	43.235	ng	97
3) Pyridine	3.475	79	364765	46.921	ng	98
4) n-Nitrosodimethylamine	3.422	42	171810	46.363	ng	98
6) Aniline	6.534	93	415971	43.785	ng	98
8) 2-Chlorophenol	6.657	128	425302	50.699	ng	97
9) Benzaldehyde	6.422	77	269350	50.009	ng	99
10) Phenol	6.516	94	482742	47.648	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	353126	46.418	ng	98
12) 1,3-Dichlorobenzene	6.810	146	452476	49.961	ng	99
13) 1,4-Dichlorobenzene	6.887	146	463227	50.552	ng	99
14) 1,2-Dichlorobenzene	7.040	146	437222	50.657	ng	98
15) Benzyl Alcohol	7.010	79	364688	46.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	383567	41.763	ng	96
17) 2-Methylphenol	7.122	107	330484	49.548	ng	99
18) Hexachloroethane	7.381	117	172237	50.124	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	268400	43.374	ng	99
20) 3+4-Methylphenols	7.275	107	410442	48.042	ng	# 86
22) Acetophenone	7.281	105	557122	48.746	ng	97
24) Nitrobenzene	7.451	77	421260	49.967	ng	99
25) Isophorone	7.692	82	758256	50.581	ng	99
26) 2-Nitrophenol	7.769	139	225120	54.405	ng	98
27) 2,4-Dimethylphenol	7.804	122	383131	67.244	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	449579	47.815	ng	99
29) 2,4-Dichlorophenol	8.010	162	356073	50.349	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	404022	51.840	ng	99
31) Naphthalene	8.175	128	1205964	49.191	ng	100
32) Benzoic acid	7.922	122	250973	50.111	ng	95
33) 4-Chloroaniline	8.222	127	138212	15.970	ng	98
34) Hexachlorobutadiene	8.292	225	270724	53.265	ng	99
35) Caprolactam	8.592	113	109814m	50.932	ng	
36) 4-Chloro-3-methylphenol	8.704	107	391492	49.625	ng	99
37) 2-Methylnaphthalene	8.869	142	728565	44.461	ng	100
38) 1-Methylnaphthalene	8.969	142	760843	48.115	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	425938	51.180	ng	99
41) Hexachlorocyclopentadiene	9.022	237	601425	184.655	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	273406	50.268	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	293009	53.191	ng	98
46) 1,1'-Biphenyl	9.334	154	1030110	49.598	ng	99
47) 2-Chloronaphthalene	9.357	162	777352	50.215	ng	99
48) 2-Nitroaniline	9.451	65	226346	50.499	ng	96
49) Acenaphthylene	9.775	152	1237960	53.889	ng	100
50) Dimethylphthalate	9.634	163	933212	48.753	ng	100
51) 2,6-Dinitrotoluene	9.692	165	210315	52.770	ng	95
52) Acenaphthene	9.945	154	906677	56.162	ng	100
53) 3-Nitroaniline	9.863	138	118092	29.211	ng	98
54) 2,4-Dinitrophenol	9.969	184	248763	107.402	ng	# 48
55) Dibenzofuran	10.116	168	1113940	48.290	ng	99
56) 4-Nitrophenol	10.028	139	346053	113.506	ng	95
57) 2,4-Dinitrotoluene	10.098	165	300789	57.783	ng	99
58) Fluorene	10.463	166	903758	50.804	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	266786	53.223	ng	97
60) Diethylphthalate	10.333	149	917722	48.081	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	462075	49.823	ng	98
62) 4-Nitroaniline	10.481	138	216406	54.983	ng	97
63) Azobenzene	10.610	77	817943	46.094	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	172708	58.292	ng	93
66) n-Nitrosodiphenylamine	10.569	169	785412	48.835	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	307368	49.244	ng	99
68) Hexachlorobenzene	11.010	284	364796	53.288	ng	93
69) Atrazine	11.098	200	296758	60.190	ng	99
70) Pentachlorophenol	11.204	266	424414	100.624	ng	99
71) Phenanthrene	11.422	178	1388418	51.721	ng	99
72) Anthracene	11.475	178	1408266	52.290	ng	100
73) Carbazole	11.628	167	1222898	52.651	ng	100
74) Di-n-butylphthalate	11.957	149	1450020	47.050	ng	99
75) Fluoranthene	12.610	202	1466917	51.515	ng	99
77) Benzidine	12.733	184	554493	117.587	ng	100
78) Pyrene	12.839	202	1435225	49.090	ng	100
80) Butylbenzylphthalate	13.457	149	523190	45.720	ng	97
81) Benzo(a)anthracene	14.027	228	1138376	51.327	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	149177	23.275	ng	98
83) Chrysene	14.063	228	1031945	51.329	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	678861	43.026	ng	99
85) Di-n-octyl phthalate	14.627	149	999996	45.551	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1026977	49.021	ng	97
88) Benzo(b)fluoranthene	15.080	252	996099	44.878	ng	99
89) Benzo(k)fluoranthene	15.110	252	999953	52.644	ng	99
90) Benzo(a)pyrene	15.451	252	948388	54.608	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	835575	48.340	ng	98
92) Benzo(g,h,i)perylene	17.451	276	767484	44.931	ng	97

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

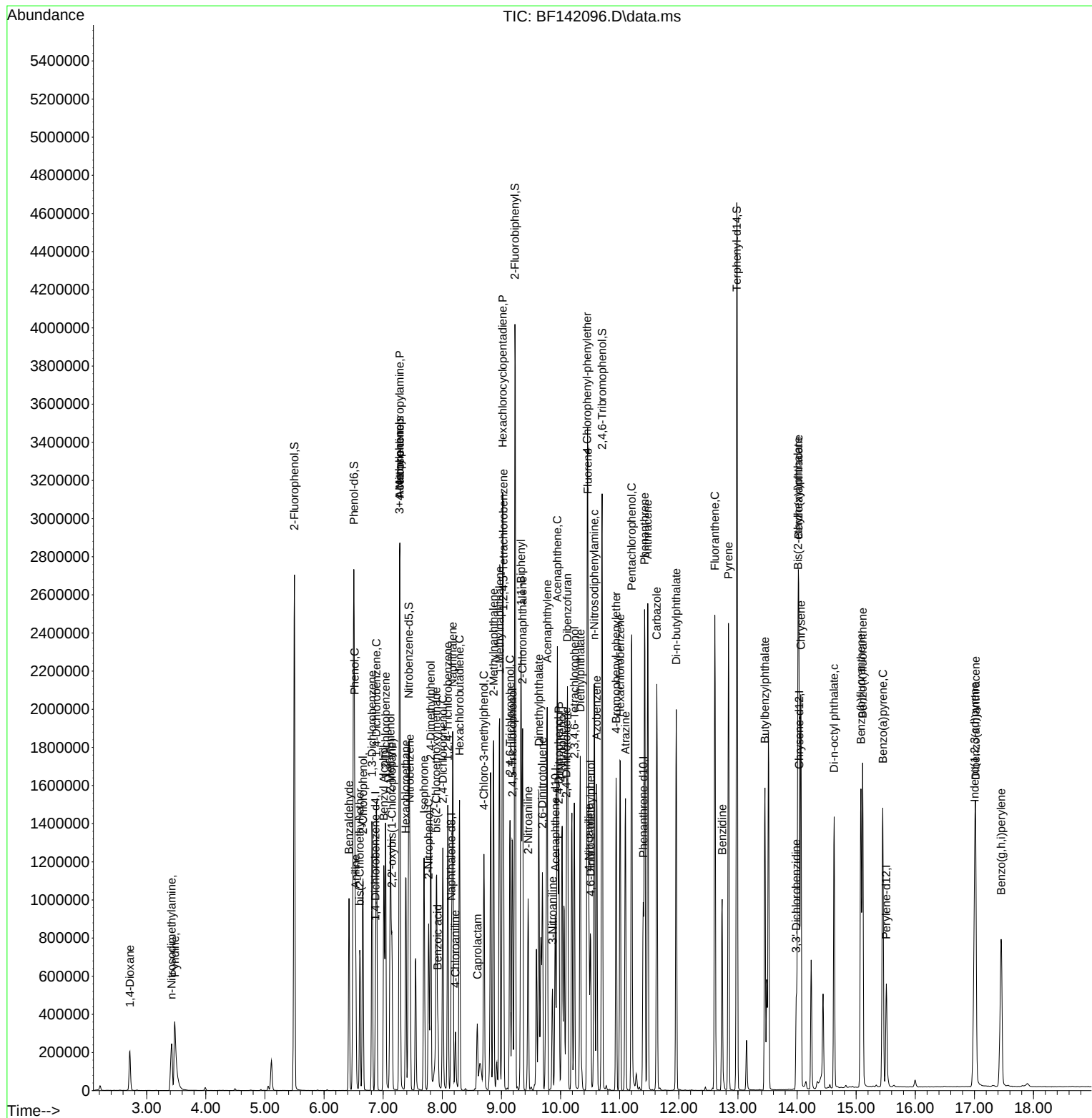
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
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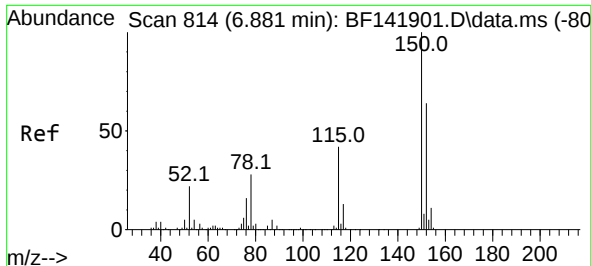
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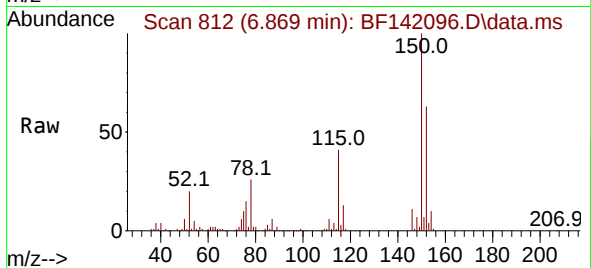
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

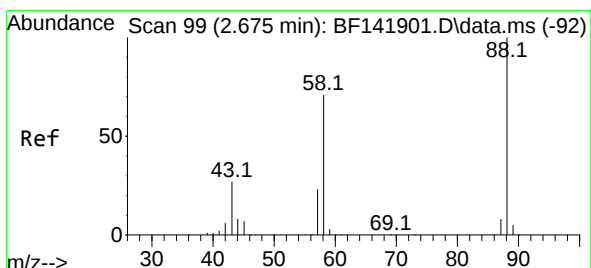
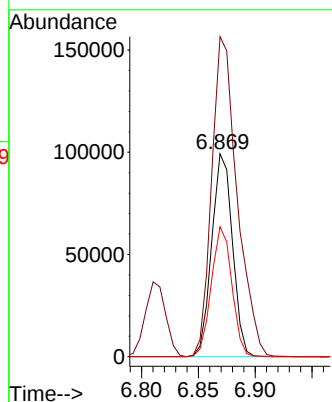
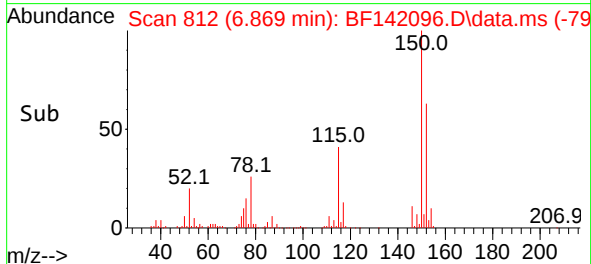
Instrument :
BNA_F
ClientSampleId :
PB167310BS



Tgt Ion:152 Resp: 12623
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.2
115 64.0 51.9 77.9

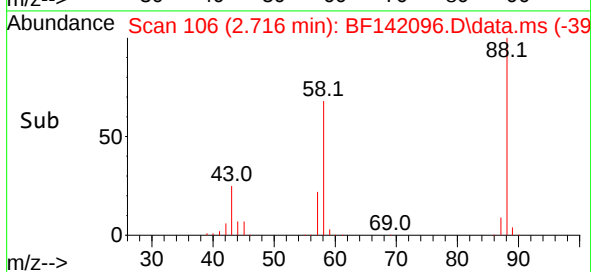
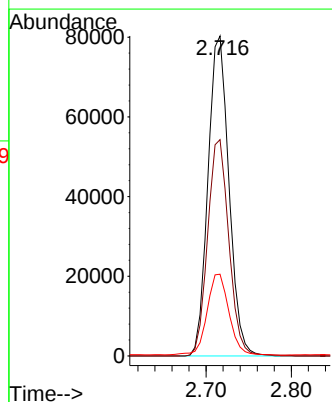
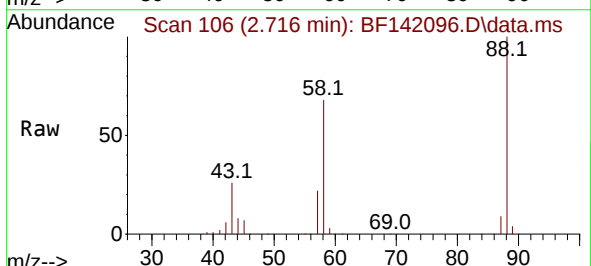
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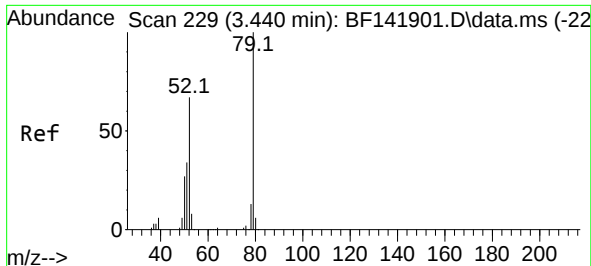
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#2
1,4-Dioxane
Concen: 43.235 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.041 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion: 88 Resp: 137024
Ion Ratio Lower Upper
88 100
58 68.6 57.4 86.2
43 26.6 21.5 32.3





#3

Pyridine

Concen: 46.921 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

Tgt Ion: 79 Resp: 36476

Ion Ratio Lower Upper

79 100

52 64.7 53.3 79.9

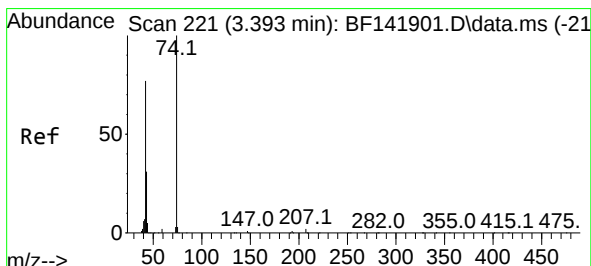
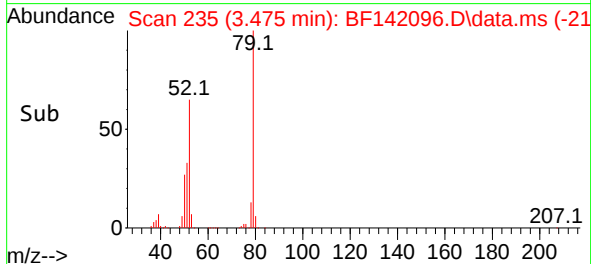
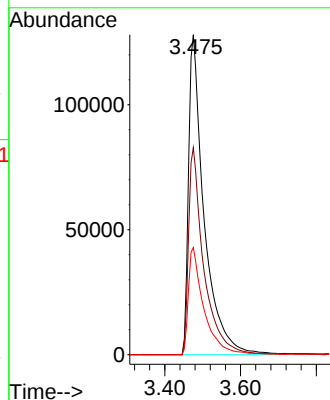
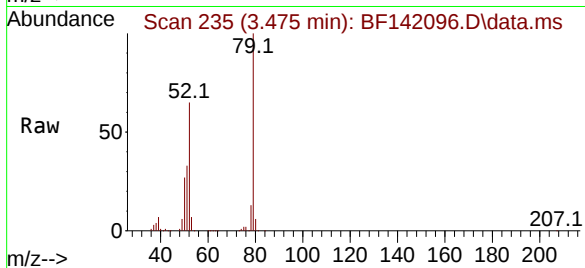
51 33.5 27.6 41.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 46.363 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.030 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

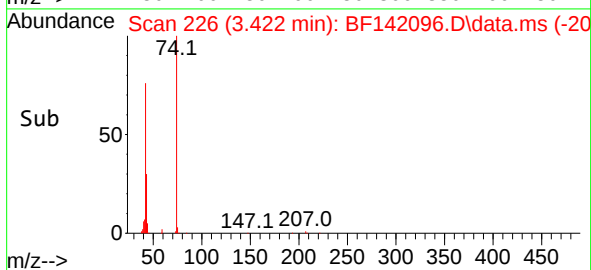
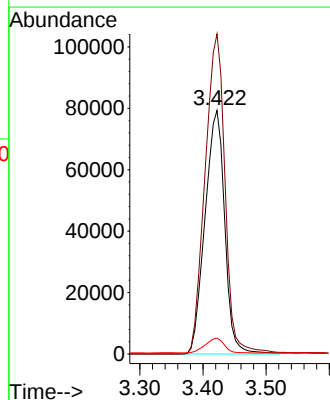
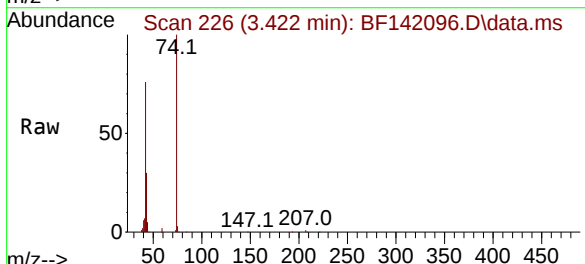
Tgt Ion: 42 Resp: 171810

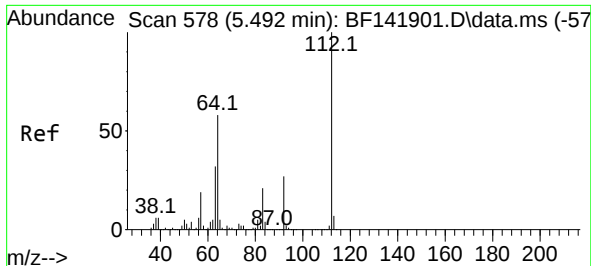
Ion Ratio Lower Upper

42 100

74 131.4 103.4 155.0

44 6.5 5.0 7.4





#5
2-Fluorophenol
Concen: 146.055 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

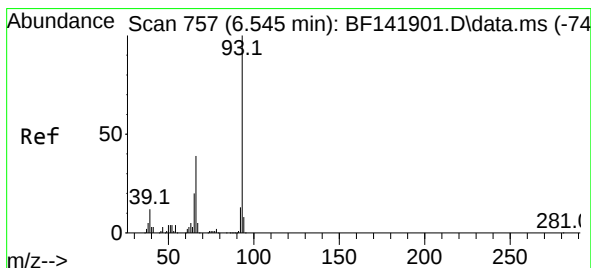
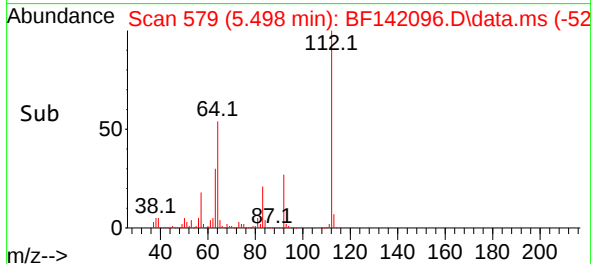
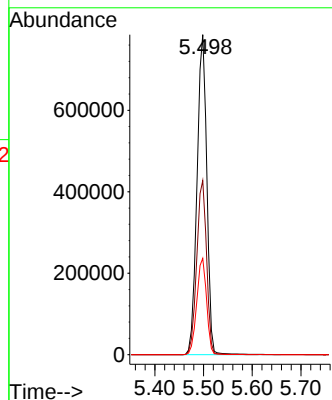
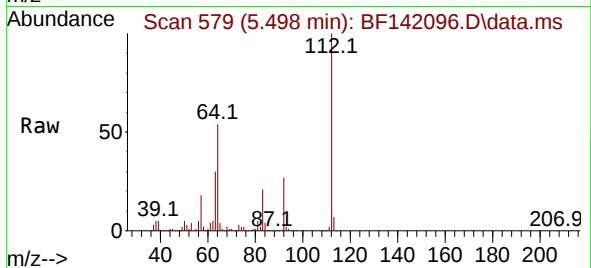
PB167310BS

Tgt Ion:112 Resp: 1104730
Ion Ratio Lower Upper
112 100
64 54.4 46.5 69.7
63 30.1 25.4 38.2

Manual Integrations

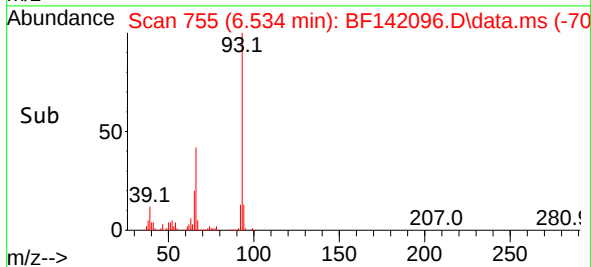
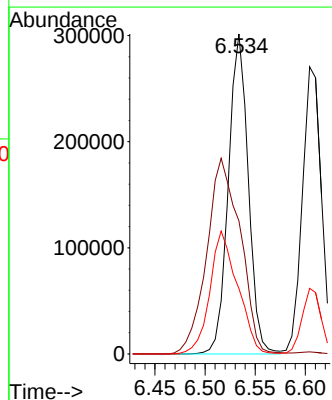
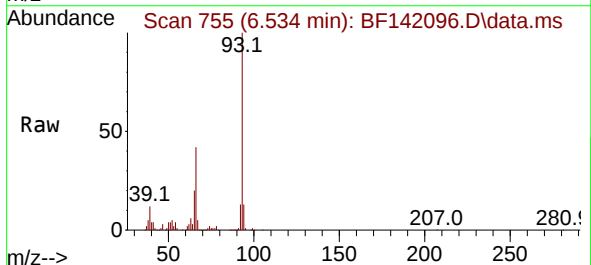
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#6
Aniline
Concen: 43.785 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

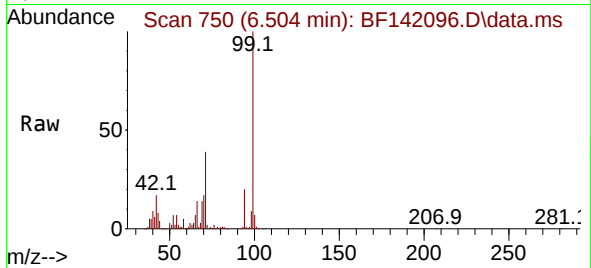
Tgt Ion: 93 Resp: 415971
Ion Ratio Lower Upper
93 100
66 41.6 31.9 47.9
65 20.5 15.8 23.6





#7
Phenol-d6
Concen: 139.815 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

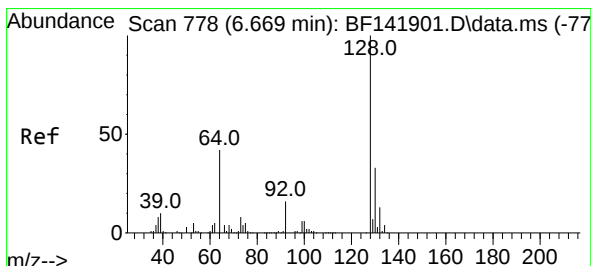
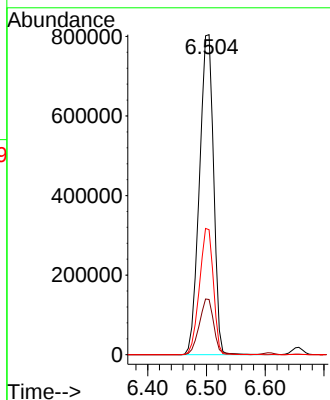
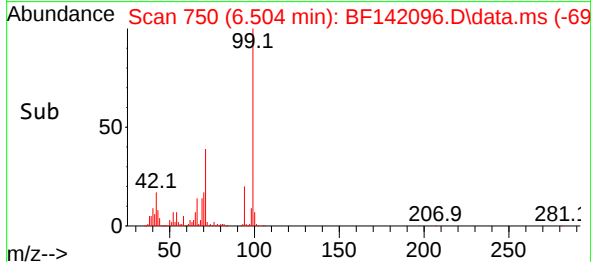
Instrument :
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Tgt Ion: 99 Resp: 1346472
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 39.0 30.8 46.2

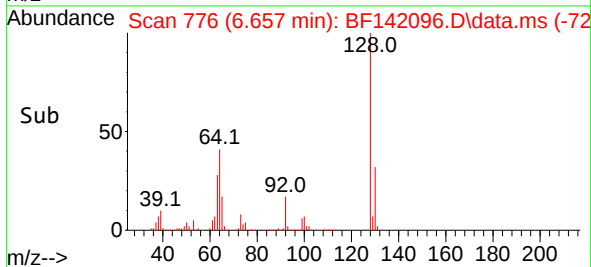
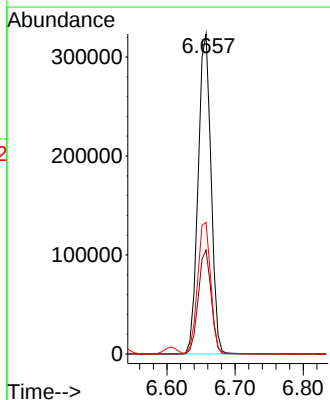
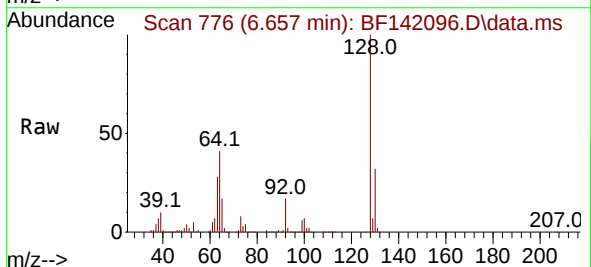
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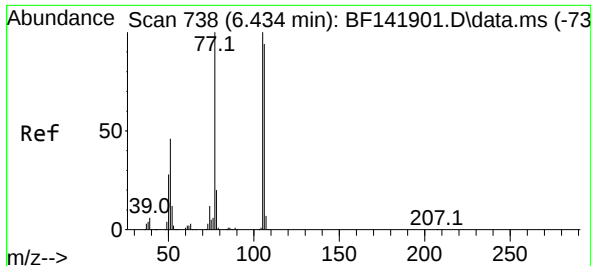
Reviewed By :Anahy Claudio 03/27/2025
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#8
2-Chlorophenol
Concen: 50.699 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:128 Resp: 425302
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 41.2 24.4 64.4





#9

Benzaldehyde

Concen: 50.009 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF142096.D

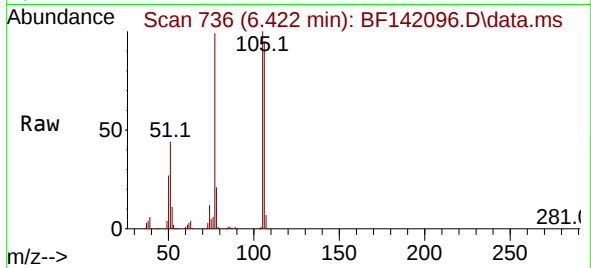
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS



Tgt Ion: 77 Resp: 269350

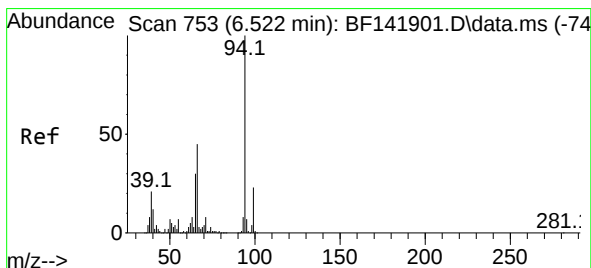
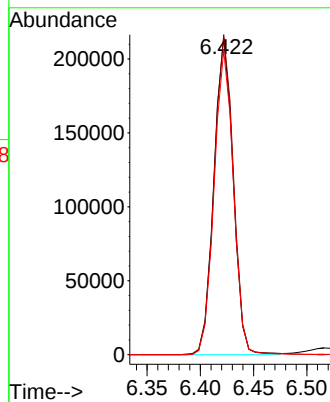
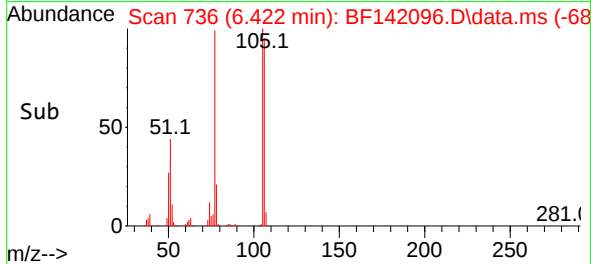
Ion	Ratio	Lower	Upper
77	100		
105	100.9	80.0	120.0
106	96.0	74.5	114.5

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#10

Phenol

Concen: 47.648 ng

RT: 6.516 min Scan# 752

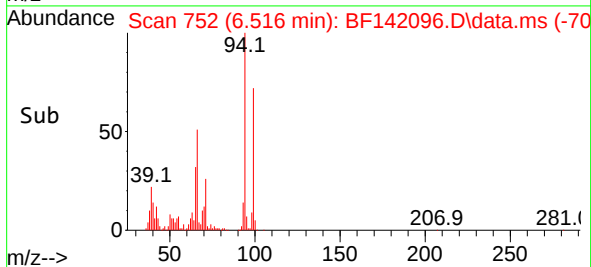
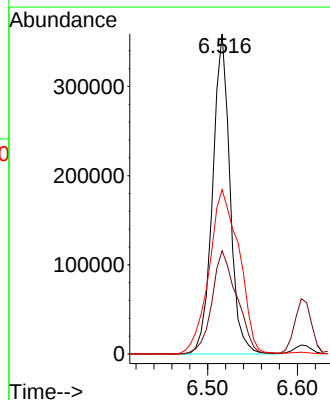
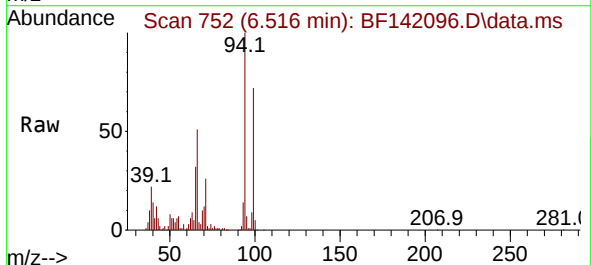
Delta R.T. -0.006 min

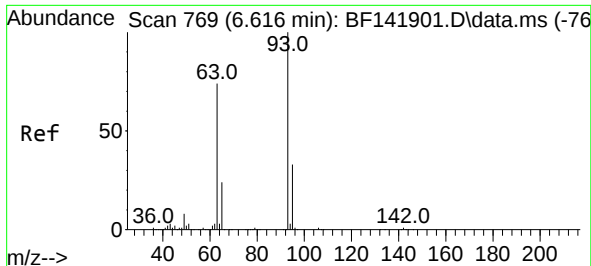
Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Tgt Ion: 94 Resp: 482742

Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.5	50.5
66	51.4	25.8	65.8





#11
bis(2-Chloroethyl)ether
Concen: 46.418 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

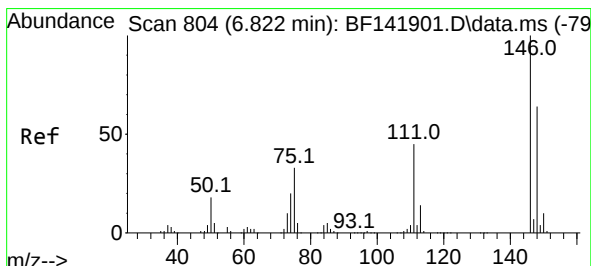
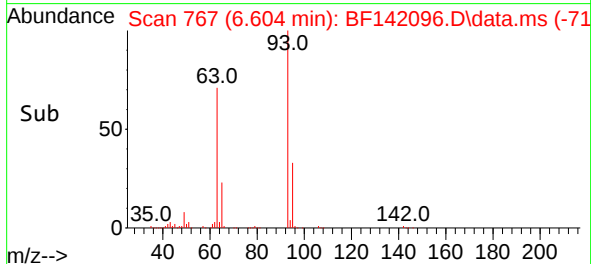
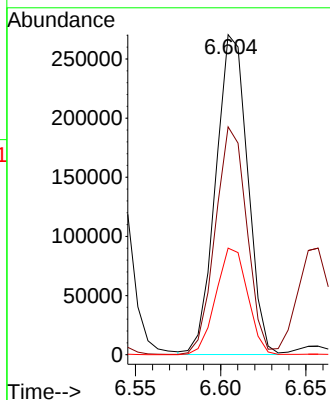
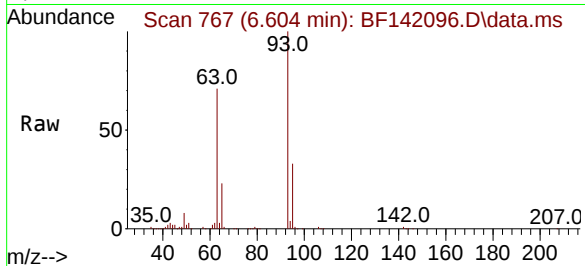
ClientSampleId :

PB167310BS

Tgt Ion: 93 Resp: 353120
Ion Ratio Lower Upper
93 100
63 71.2 53.0 93.0
95 33.3 12.9 52.9

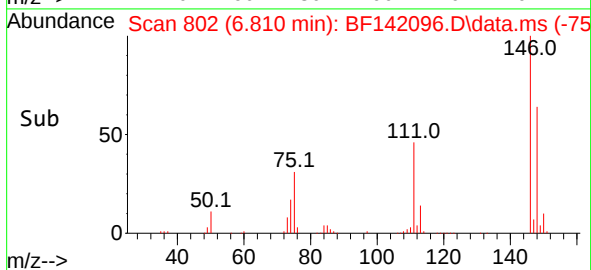
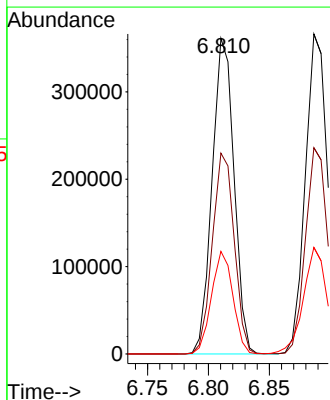
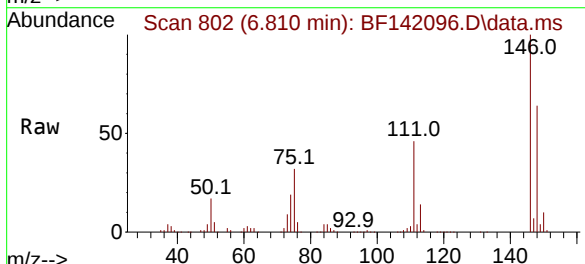
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#12
1,3-Dichlorobenzene
Concen: 49.961 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:146 Resp: 452476
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 32.5 26.6 40.0





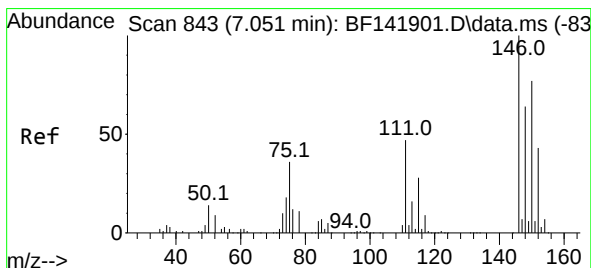
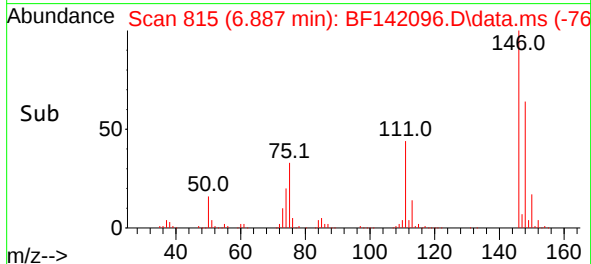
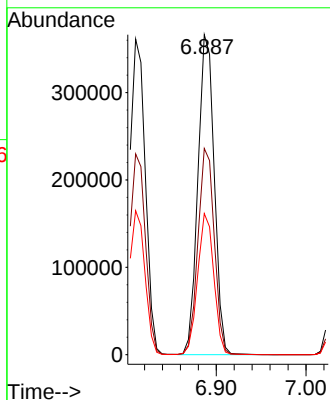
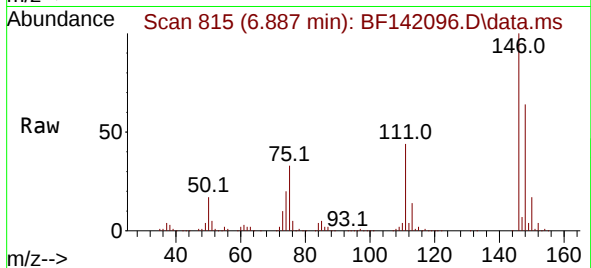
#13
1,4-Dichlorobenzene
Concen: 50.552 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :
BNA_F
ClientSampleId :
PB167310BS

Tgt Ion:146 Resp: 46322
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 44.1 35.7 53.5

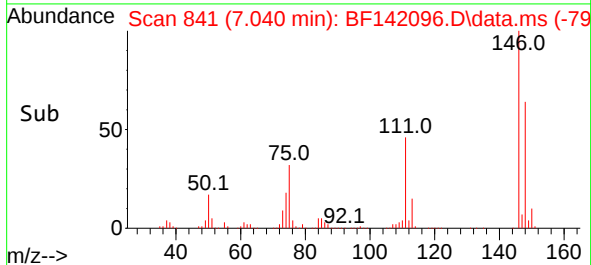
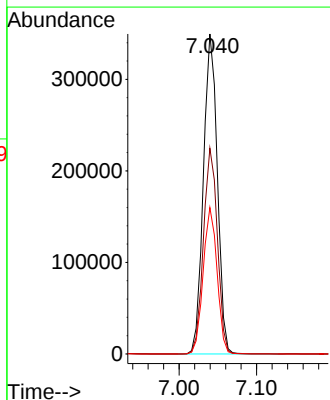
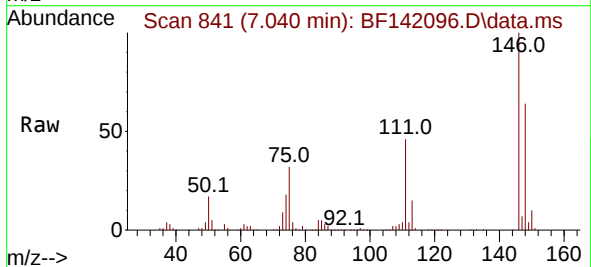
Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 03/27/2025



#14
1,2-Dichlorobenzene
Concen: 50.657 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:146 Resp: 437222
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 45.7 38.0 57.0





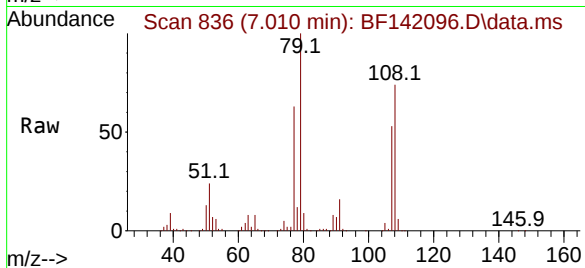
#15
Benzyl Alcohol
Concen: 46.841 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

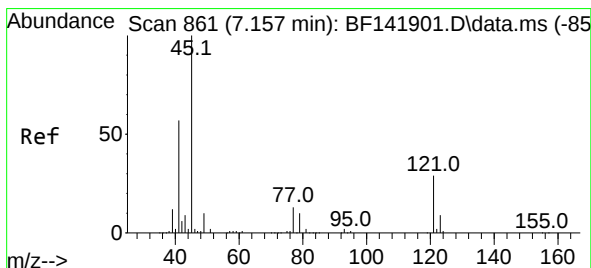
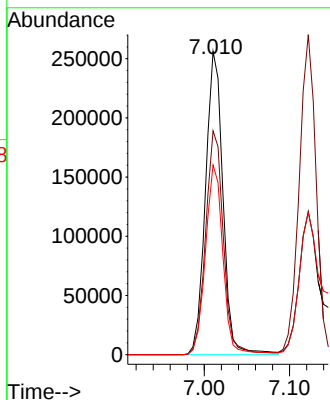
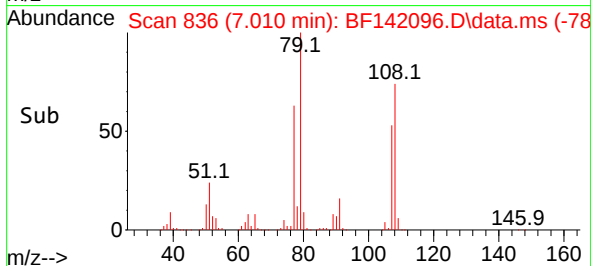


Tgt Ion: 79 Resp: 364688
Ion Ratio Lower Upper
79 100
108 73.8 59.7 89.5
77 62.6 51.0 76.6

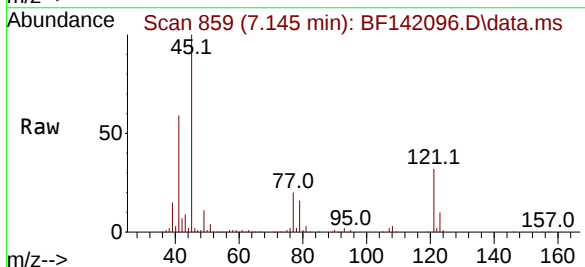
Manual Integrations

APPROVED

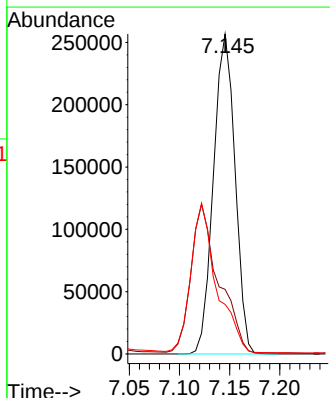
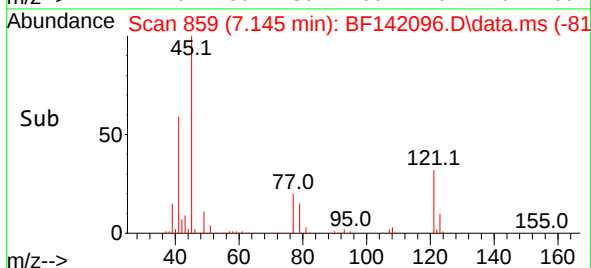
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

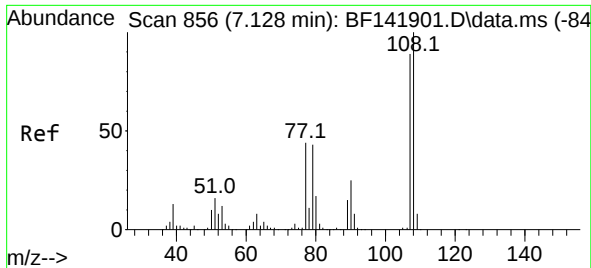


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.763 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



Tgt Ion: 45 Resp: 383567
Ion Ratio Lower Upper
45 100
77 20.2 0.0 37.8
79 15.5 0.0 34.2





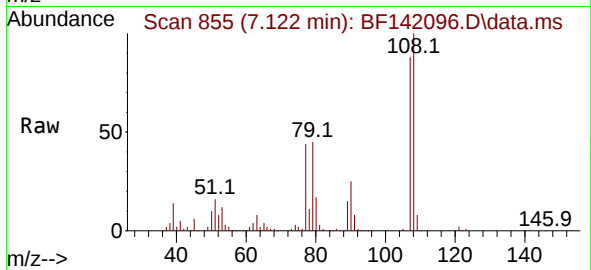
#17
2-Methylphenol
Concen: 49.548 ng
RT: 7.122 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

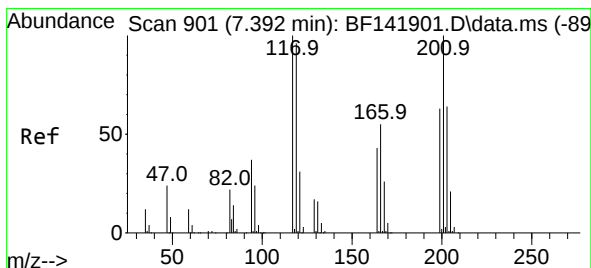
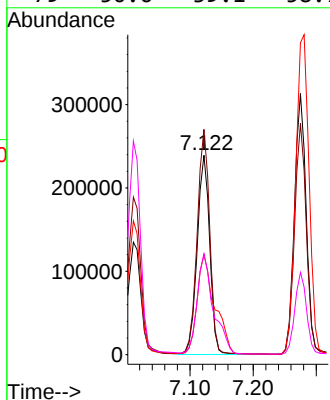
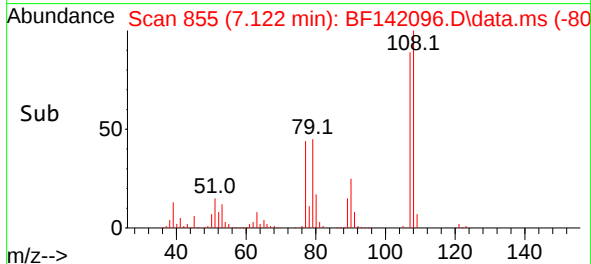


Tgt Ion:107 Resp: 330484
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 50.2 39.6 59.4
79 50.6 39.1 58.7

Manual Integrations

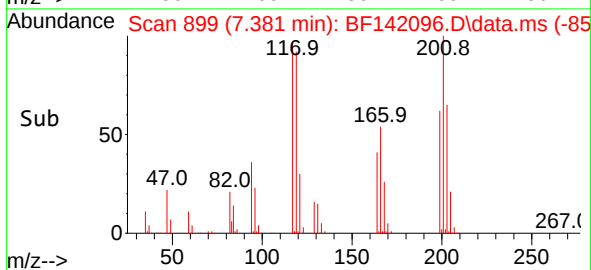
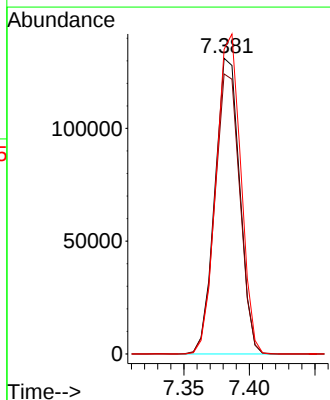
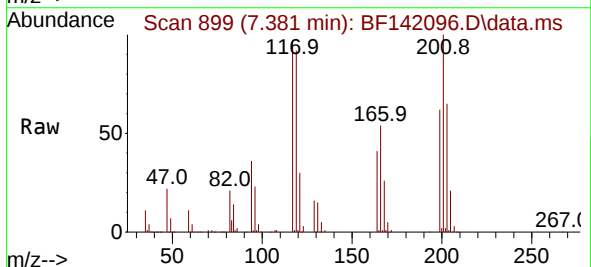
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Supervised By :Jagrut Upadhyay 03/27/2025



#18
Hexachloroethane
Concen: 50.124 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:117 Resp: 172237
Ion Ratio Lower Upper
117 100
119 94.7 76.9 115.3
201 103.1 79.9 119.9





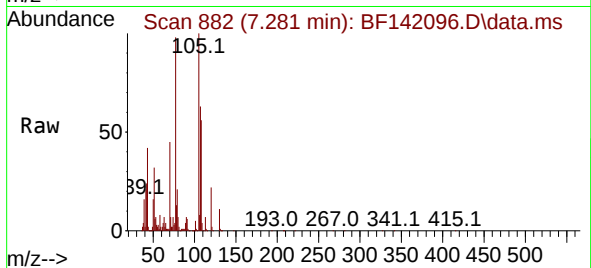
#19
n-Nitroso-di-n-propylamine
Concen: 43.374 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.017 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

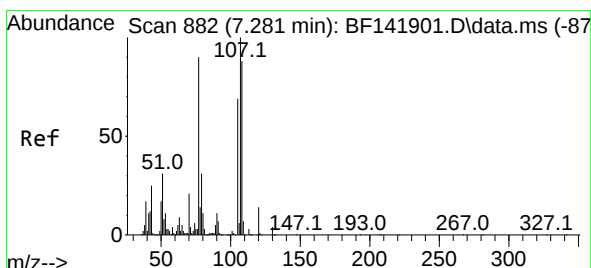
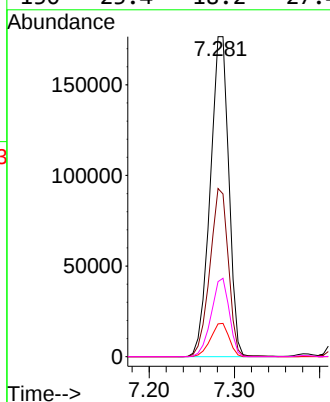
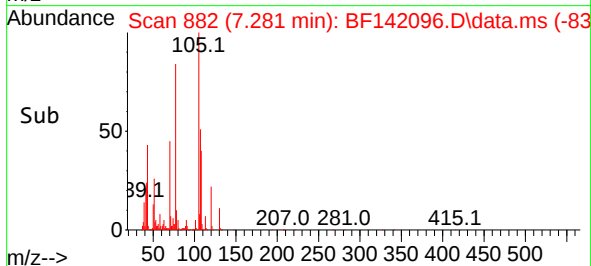


Tgt Ion: 70 Resp: 268400
Ion Ratio Lower Upper
70 100
42 52.5 41.4 62.0
101 10.3 8.2 12.2
130 23.4 18.2 27.4

Manual Integrations

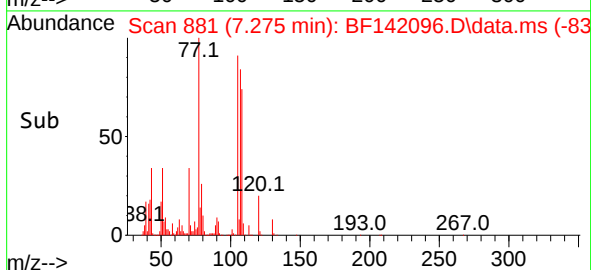
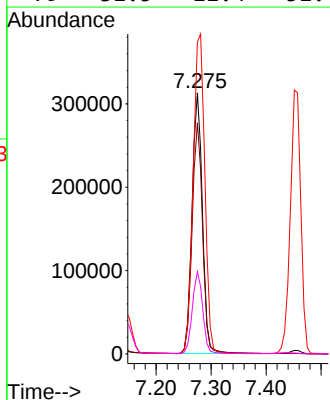
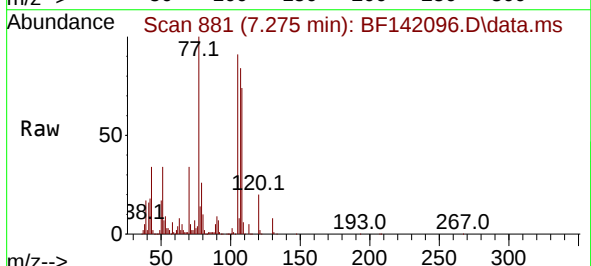
APPROVED

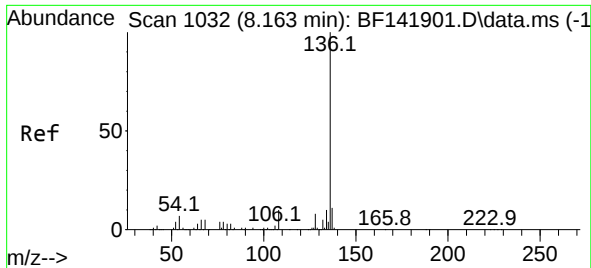
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#20
3+4-Methylphenols
Concen: 48.042 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:107 Resp: 410442
Ion Ratio Lower Upper
107 100
108 88.6 68.4 108.4
77 119.5 69.7 109.7#
79 31.5 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

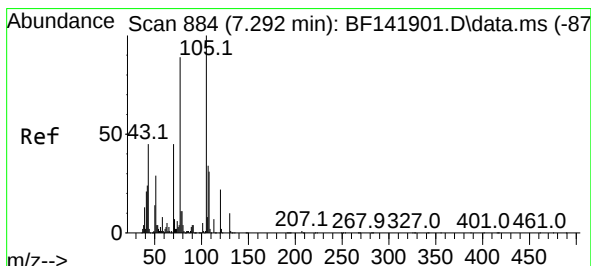
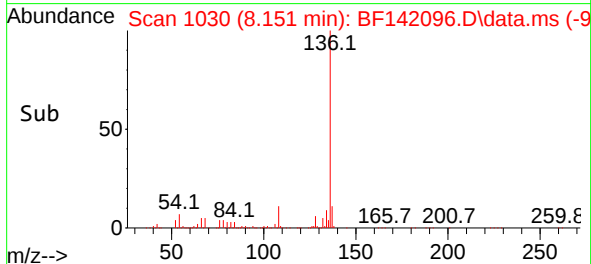
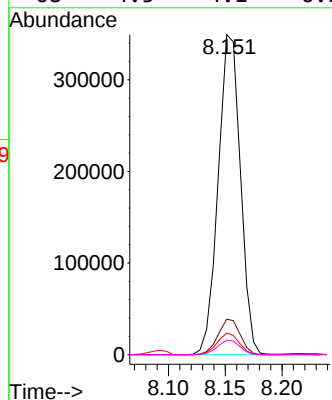
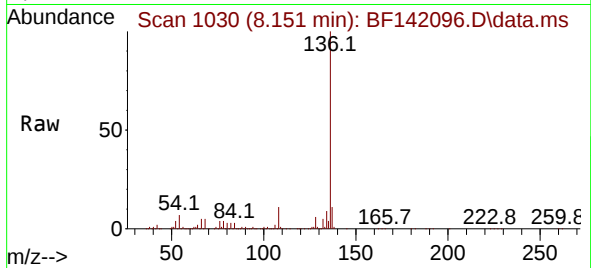
ClientSampleId :

PB167310BS

Tgt Ion:136 Resp: 47725
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 5.8 8.8
68 4.5 4.1 6.1

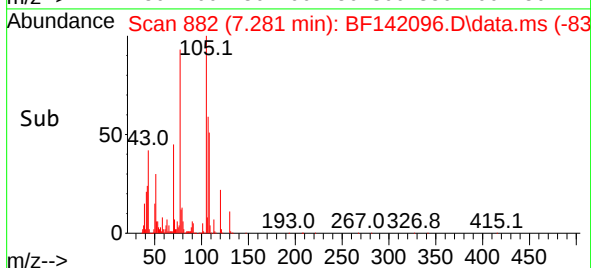
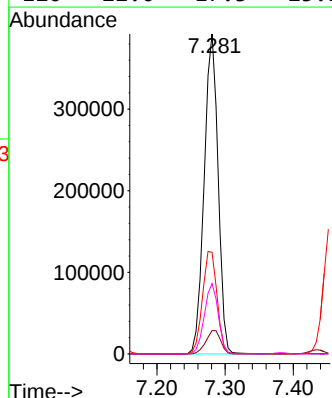
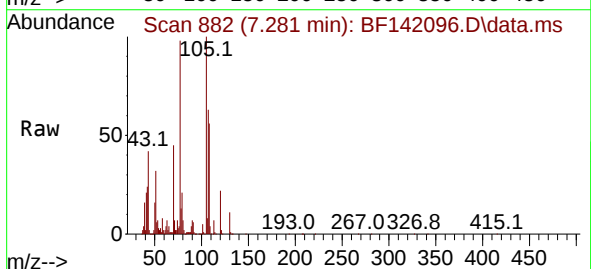
Manual Integrations
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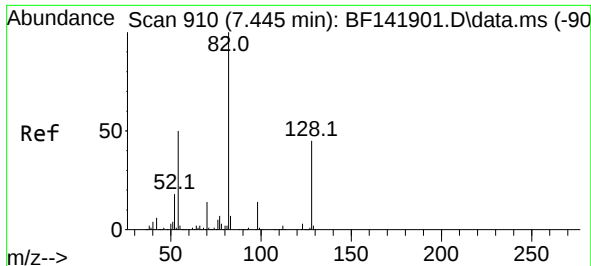
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#22
Acetophenone
Concen: 48.746 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:105 Resp: 557122
Ion Ratio Lower Upper
105 100
71 7.3 5.8 8.8
51 31.7 23.4 35.0
120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 104.253 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

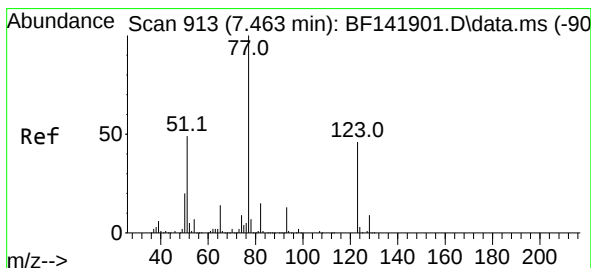
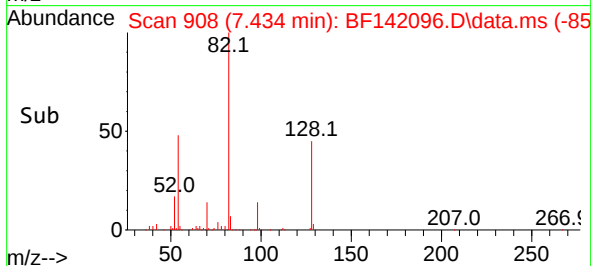
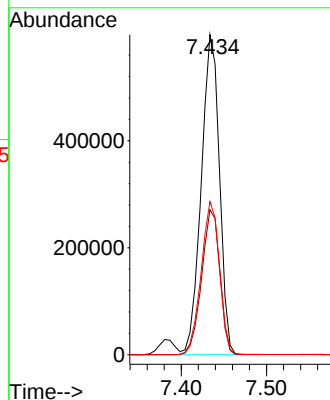
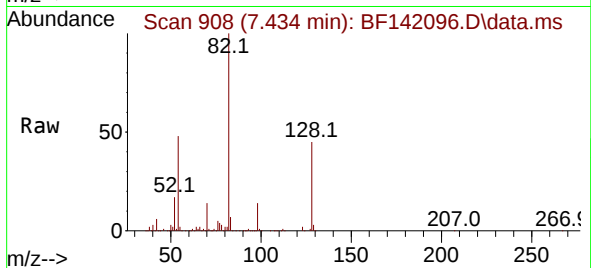
PB167310BS

Tgt Ion: 82	Resp: 88412
Ion Ratio	Lower Upper
82 100	
128 45.3	36.0 54.0
54 47.9	39.6 59.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#24

Nitrobenzene

Concen: 49.967 ng

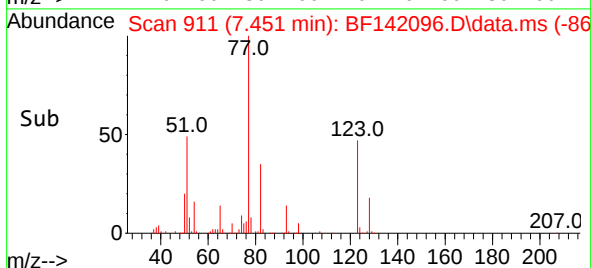
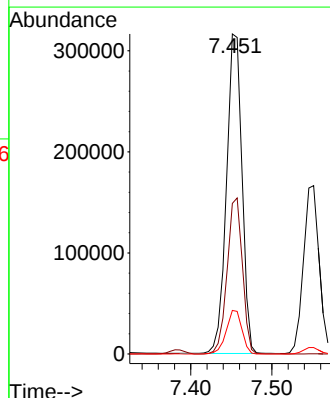
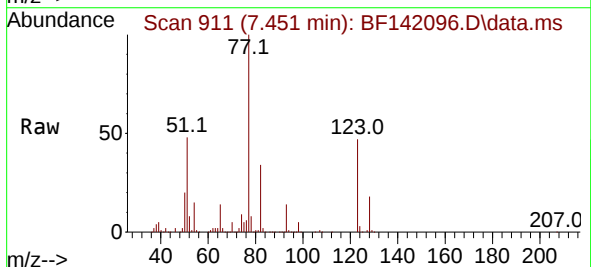
RT: 7.451 min Scan# 911

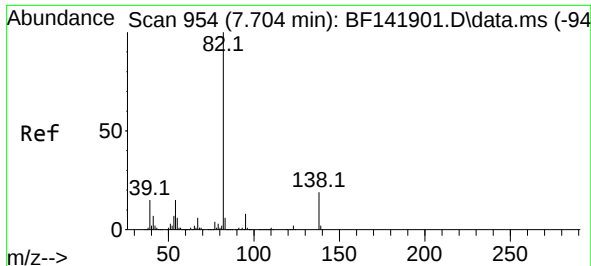
Delta R.T. -0.012 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

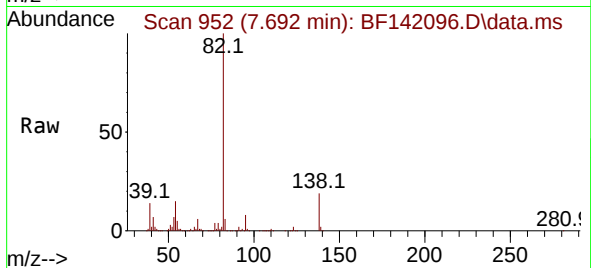
Tgt Ion: 77	Resp: 421260
Ion Ratio	Lower Upper
77 100	
123 47.0	37.0 55.4
65 13.6	11.3 16.9





#25
Isophorone
Concen: 50.581 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

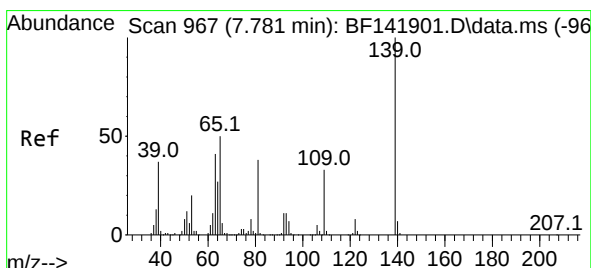
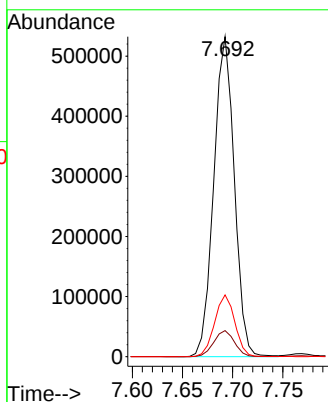
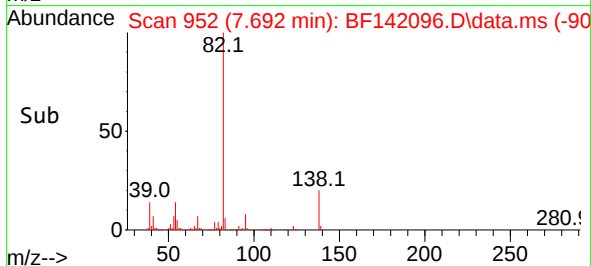
Instrument :
BNA_F
ClientSampleId :
PB167310BS



Tgt Ion: 82 Resp: 758250
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.3 14.9 22.3

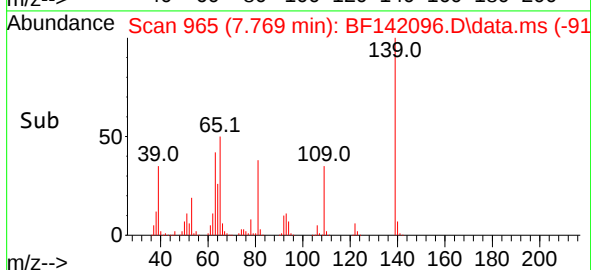
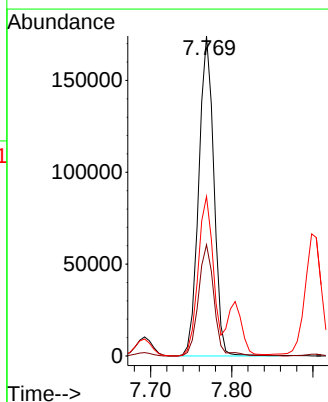
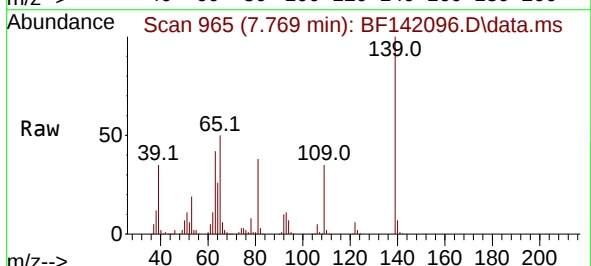
Manual Integrations
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Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#26
2-Nitrophenol
Concen: 54.405 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:139 Resp: 225120
Ion Ratio Lower Upper
139 100
109 34.7 26.5 39.7
65 49.9 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 67.244 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142096.D

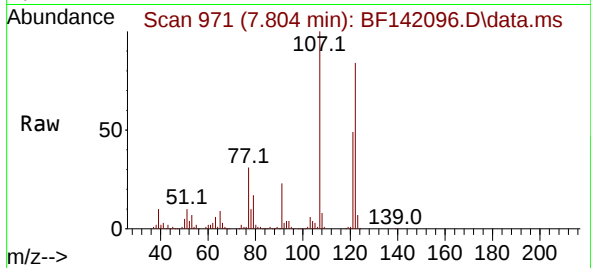
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS



Tgt Ion:122 Resp: 38313

Ion Ratio Lower Upper

122 100

107 119.3 94.8 142.2

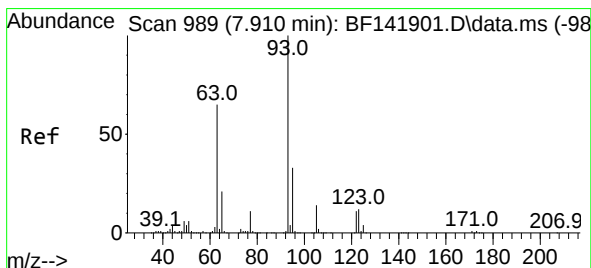
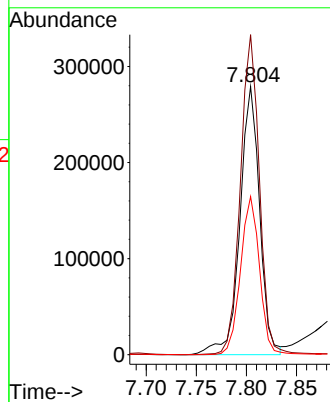
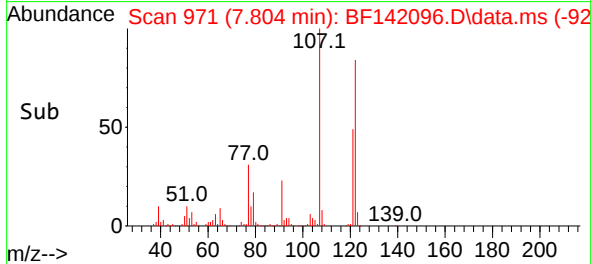
121 59.0 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 47.815 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

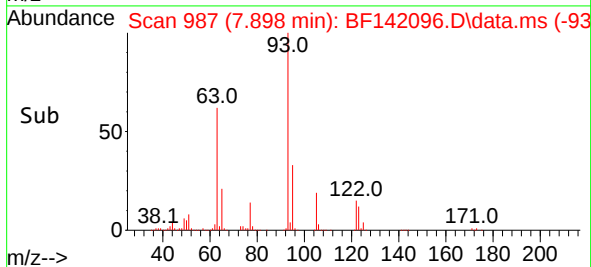
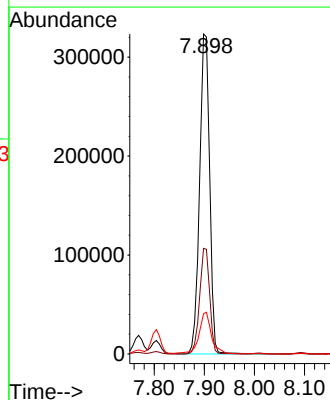
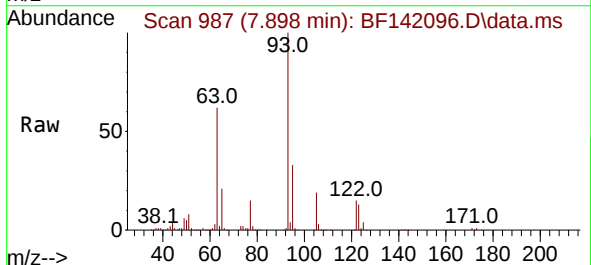
Tgt Ion: 93 Resp: 449579

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 50.349 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

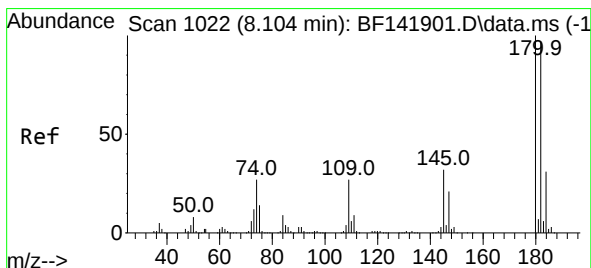
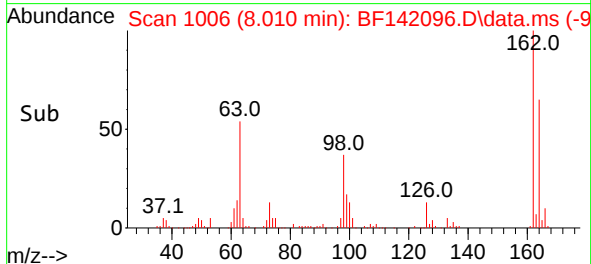
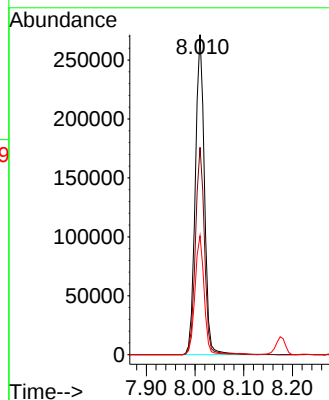
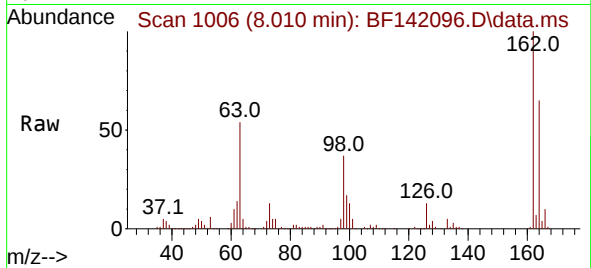
PB167310BS

Tgt Ion:162 Resp: 35607
 Ion Ratio Lower Upper
 162 100
 164 64.8 43.8 83.8
 98 37.2 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 51.840 ng

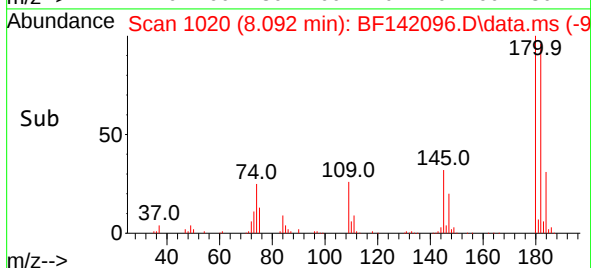
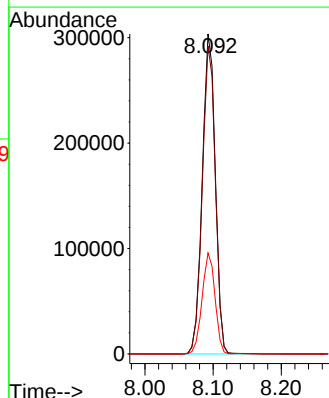
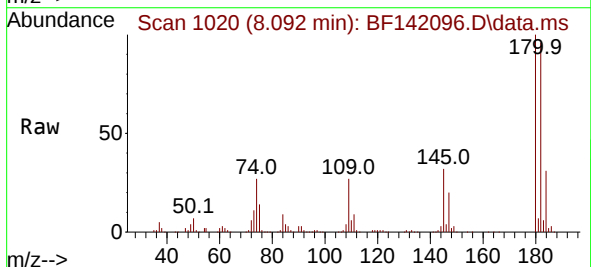
RT: 8.092 min Scan# 1020

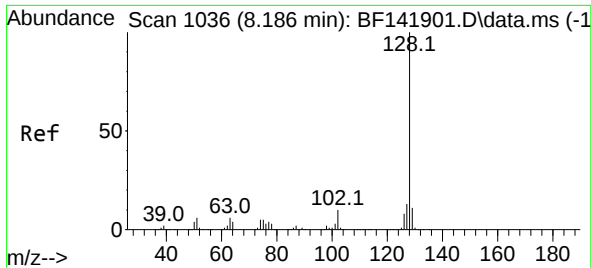
Delta R.T. -0.012 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Tgt Ion:180 Resp: 404022
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.5 116.3
 145 31.5 25.8 38.6





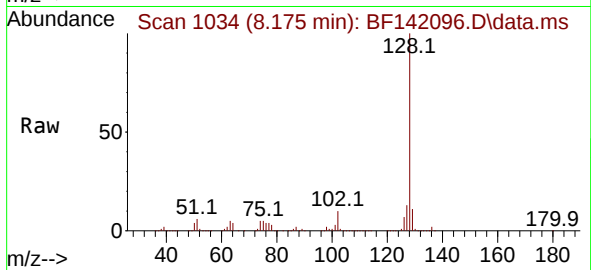
#31
Naphthalene
Concen: 49.191 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

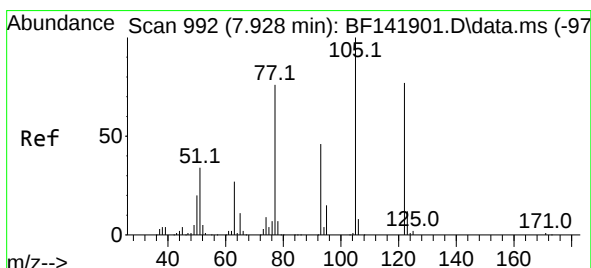
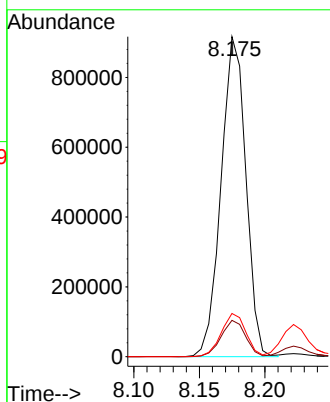
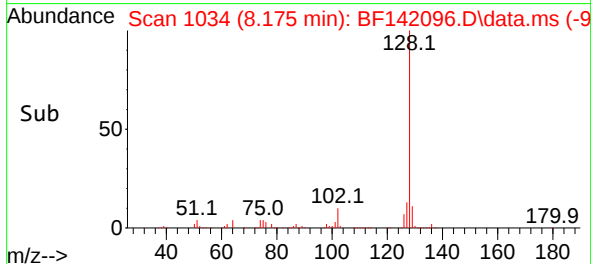
PB167310BS



Tgt Ion:128 Resp: 1205964
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2

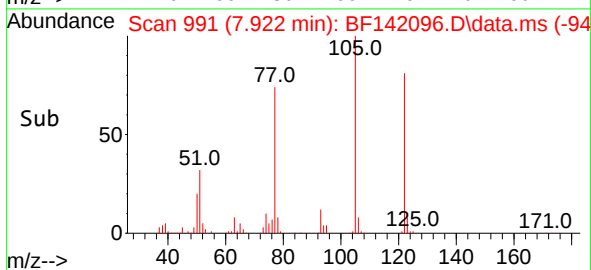
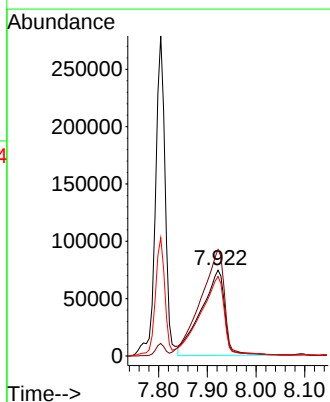
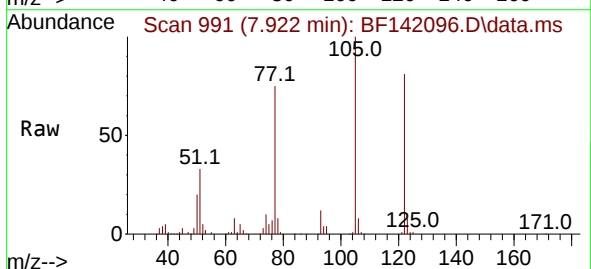
Manual Integrations
APPROVED

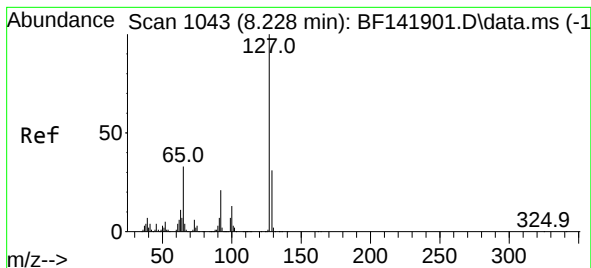
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#32
Benzoic acid
Concen: 50.111 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:122 Resp: 250973
Ion Ratio Lower Upper
122 100
105 124.0 107.9 147.9
77 92.8 79.0 119.0





#33
4-Chloroaniline
Concen: 15.970 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

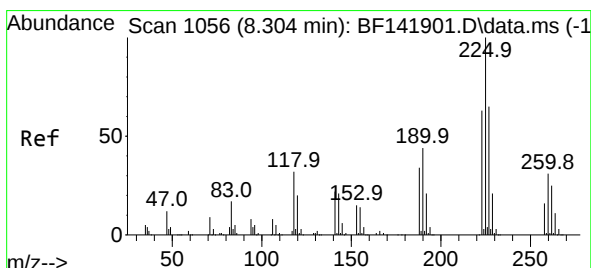
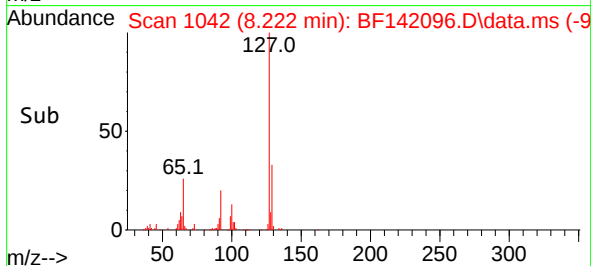
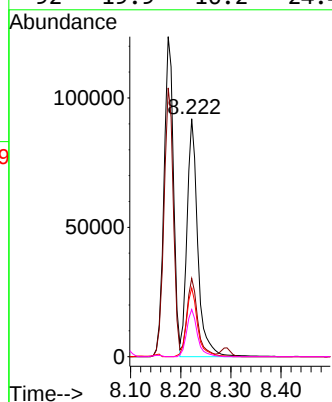
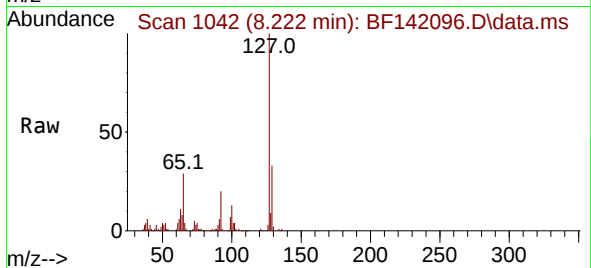
PB167310BS

Tgt Ion:127 Resp: 13821
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 28.9 25.4 38.2
92 19.9 16.2 24.4

Manual Integrations

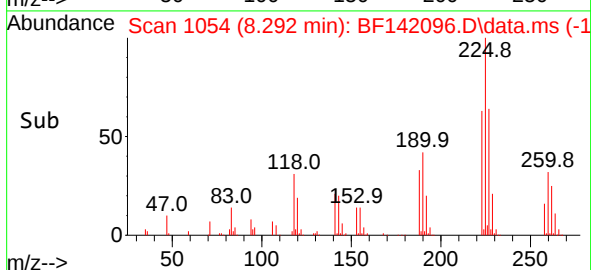
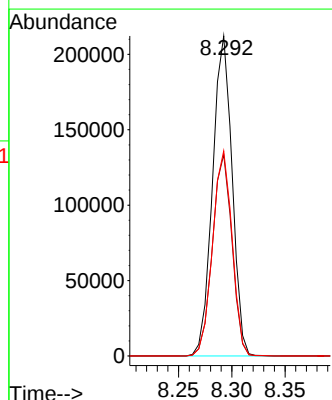
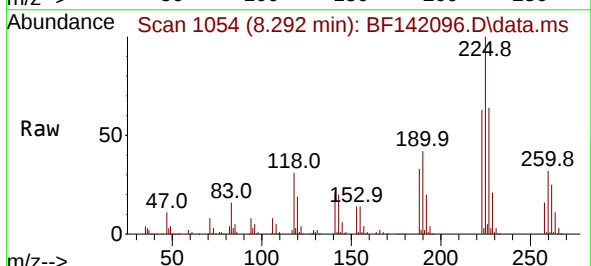
APPROVED

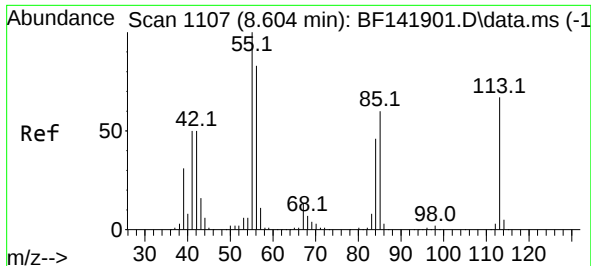
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#34
Hexachlorobutadiene
Concen: 53.265 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:225 Resp: 270724
Ion Ratio Lower Upper
225 100
223 62.9 50.6 75.8
227 64.1 52.2 78.2





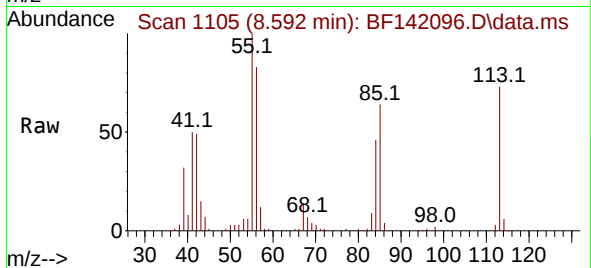
#35
Caprolactam
Concen: 50.932 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

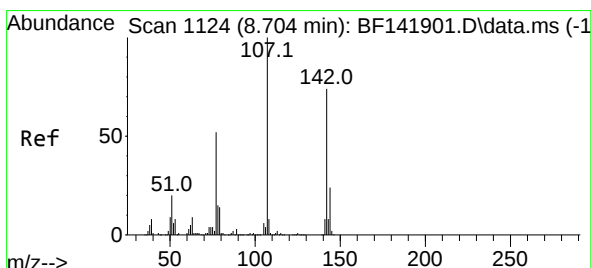
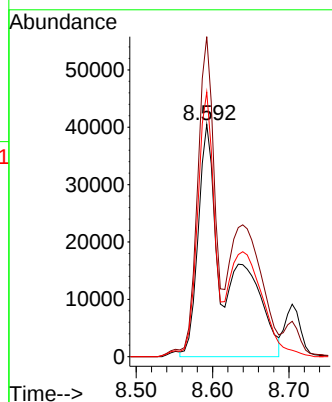
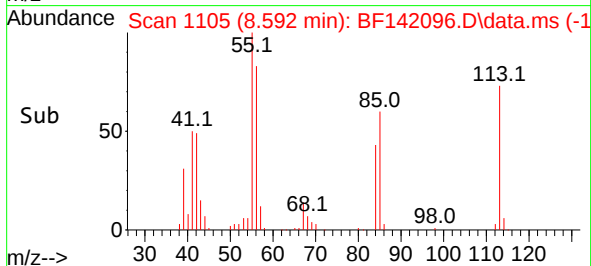


Tgt Ion:113 Resp: 109814
Ion Ratio Lower Upper
113 100
55 137.8 129.6 169.6
56 113.9 104.0 144.0

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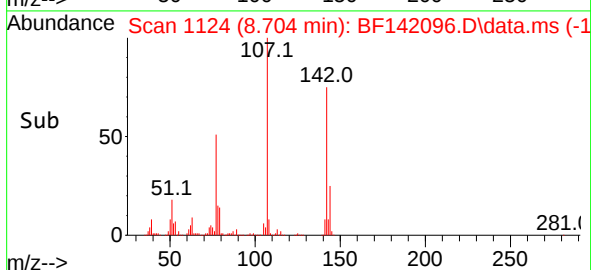
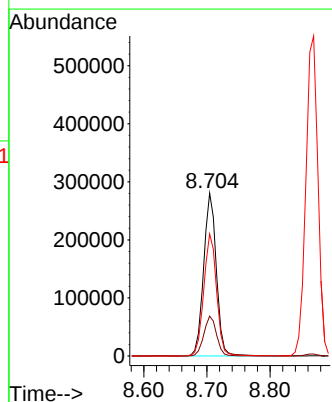
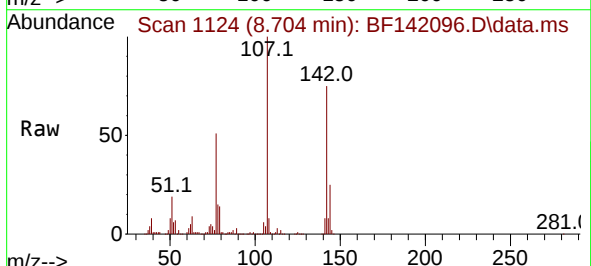
APPROVED

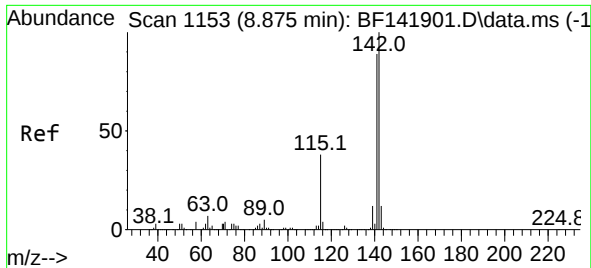
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#36
4-Chloro-3-methylphenol
Concen: 49.625 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:107 Resp: 391492
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.6
142 75.0 59.2 88.8





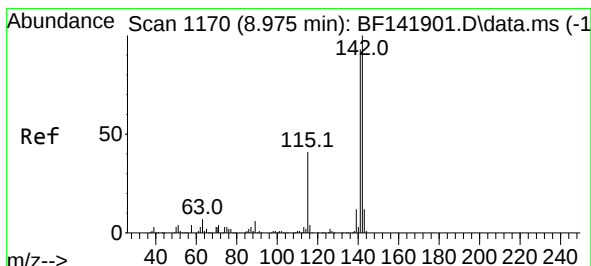
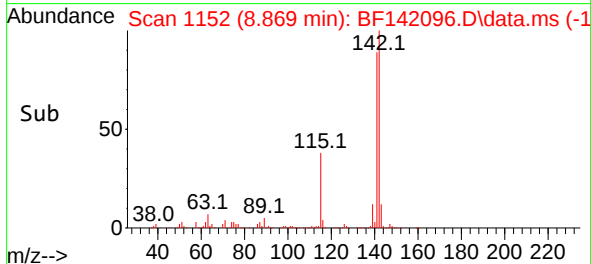
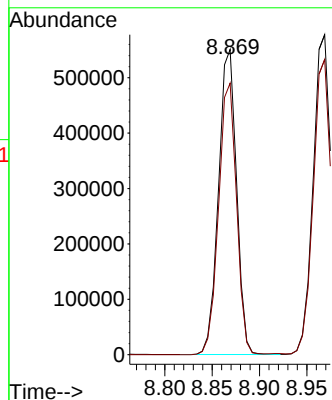
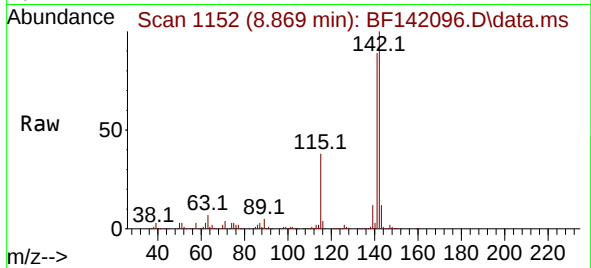
#37
2-Methylnaphthalene
Concen: 44.461 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :
BNA_F
ClientSampleId :
PB167310BS

Tgt Ion:142 Resp: 72856
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8

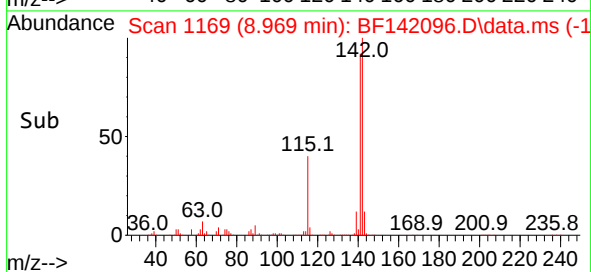
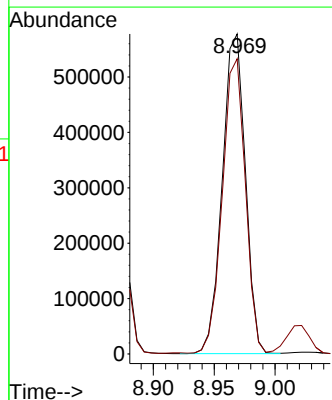
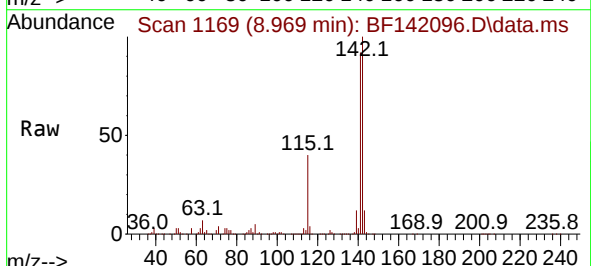
Manual Integrations
APPROVED

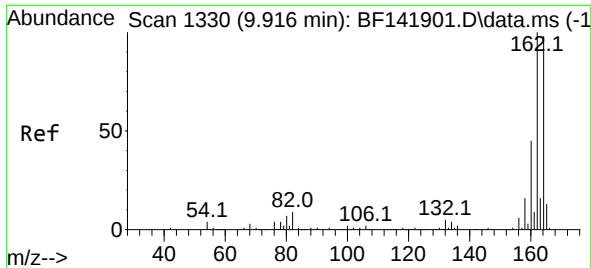
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#38
1-Methylnaphthalene
Concen: 48.115 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:142 Resp: 760843
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142096.D

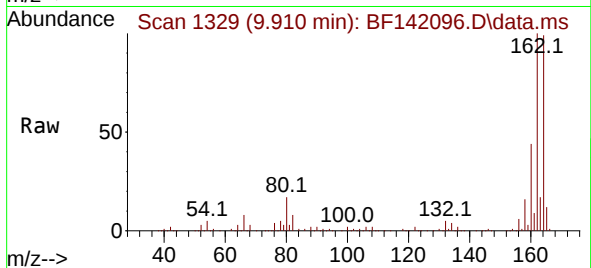
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS



Tgt Ion:164 Resp: 27334

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

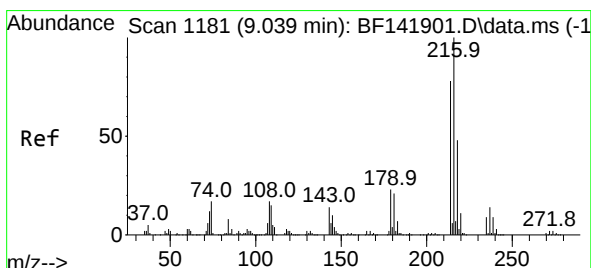
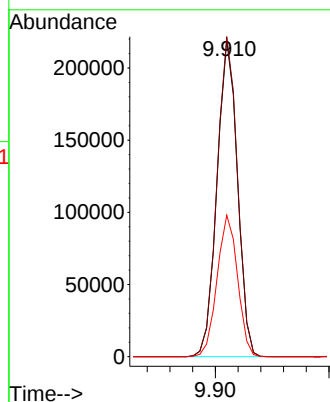
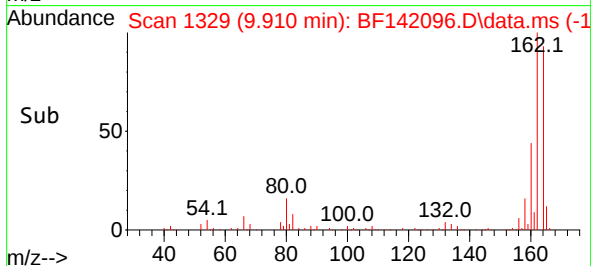
160 44.8 36.7 55.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.180 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Tgt Ion:216 Resp: 425938

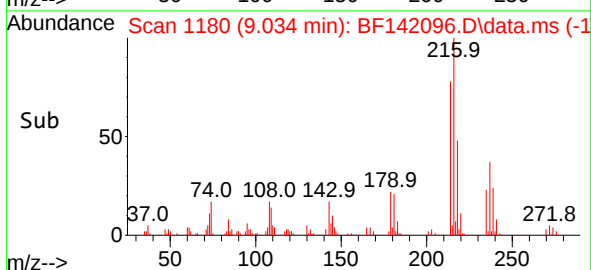
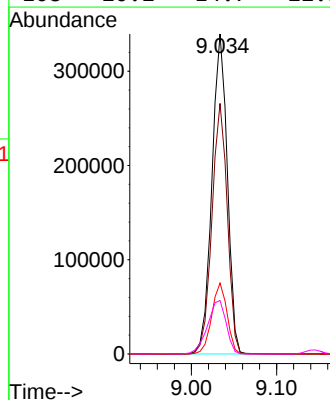
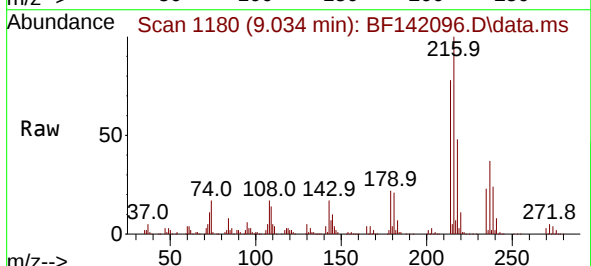
Ion Ratio Lower Upper

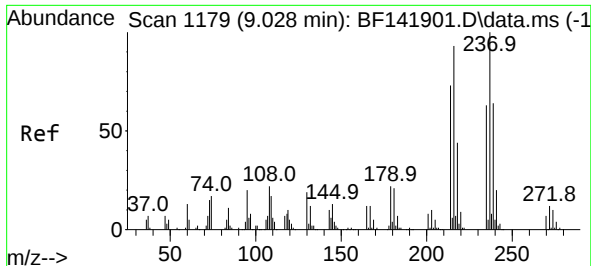
216 100

214 78.2 61.9 92.9

179 22.1 18.1 27.1

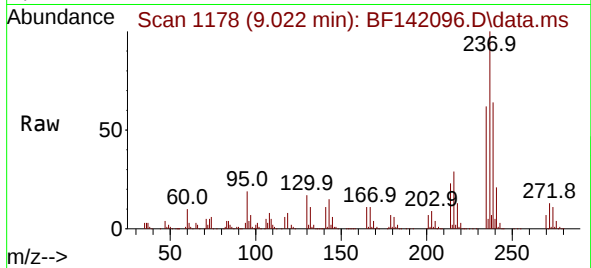
108 20.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 184.655 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

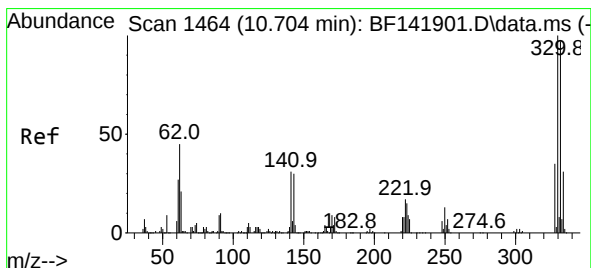
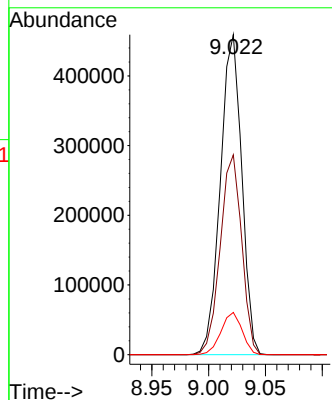
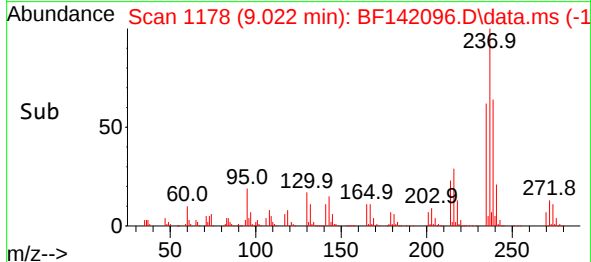
Instrument :
BNA_F
ClientSampleId :
PB167310BS



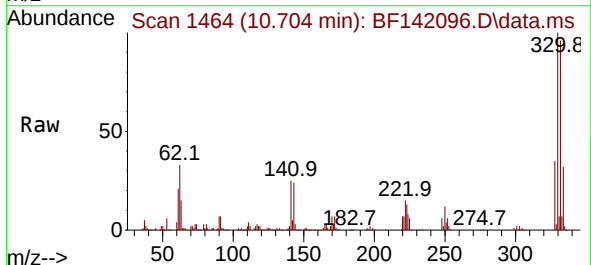
Tgt Ion:237 Resp: 601429
Ion Ratio Lower Upper
237 100
235 62.5 43.1 83.1
272 13.2 0.0 32.0

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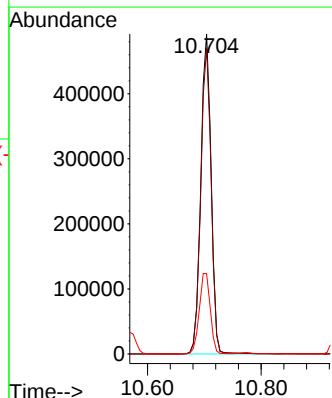
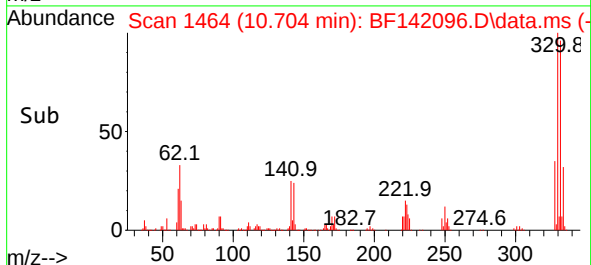
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#42
2,4,6-Tribromophenol
Concen: 179.414 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



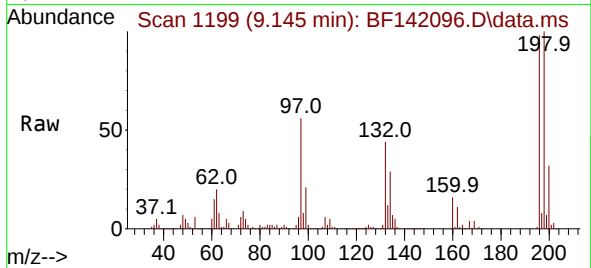
Tgt Ion:330 Resp: 622165
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 27.0 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 50.268 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

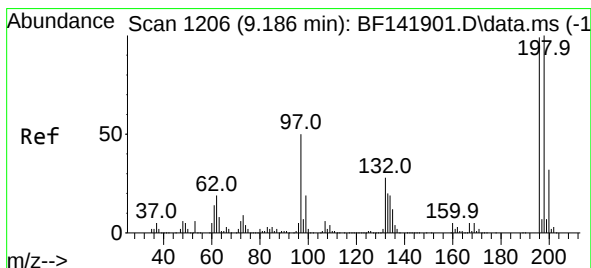
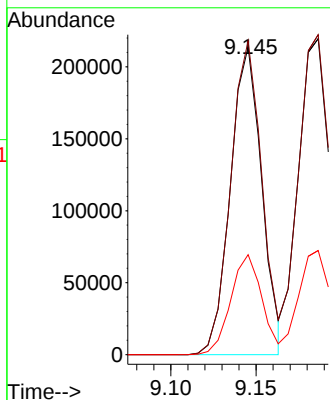
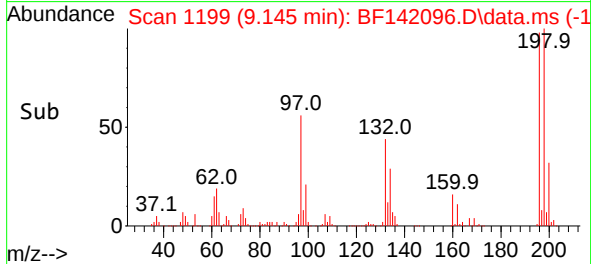
Instrument :
BNA_F
ClientSampleId :
PB167310BS



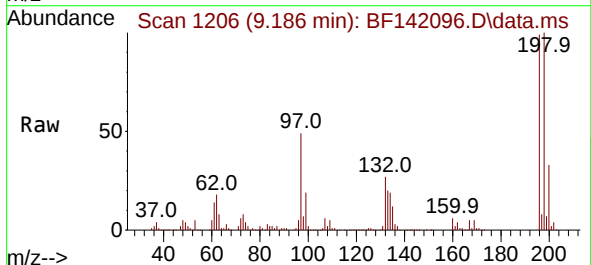
Tgt Ion:196 Resp: 273400
Ion Ratio Lower Upper
196 100
198 102.0 80.6 121.0
200 32.5 25.8 38.6

Manual Integrations
APPROVED

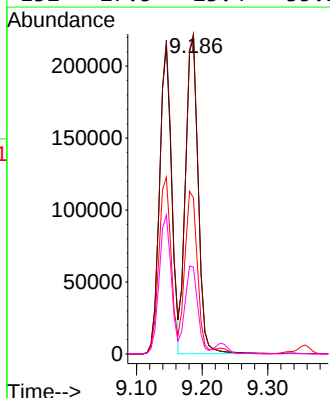
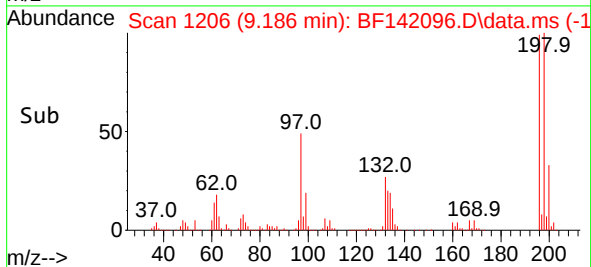
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

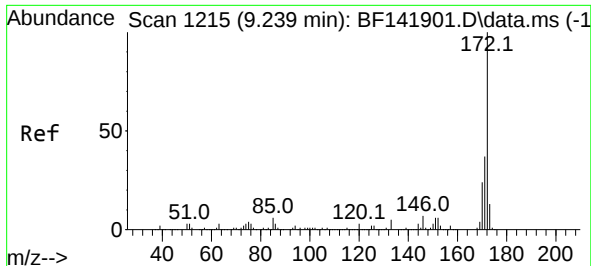


#44
2,4,5-Trichlorophenol
Concen: 53.191 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



Tgt Ion:196 Resp: 293009
Ion Ratio Lower Upper
196 100
198 101.3 80.7 121.1
97 49.4 42.1 63.1
132 27.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 103.360 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

Tgt Ion:172 Resp: 1857769

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

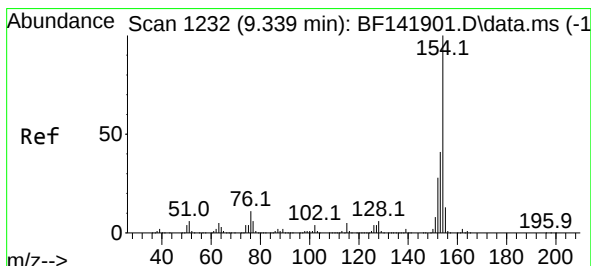
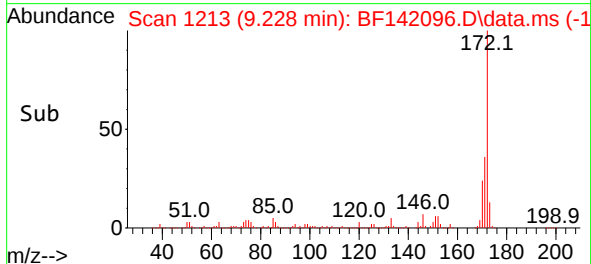
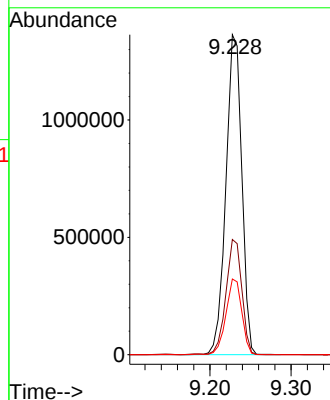
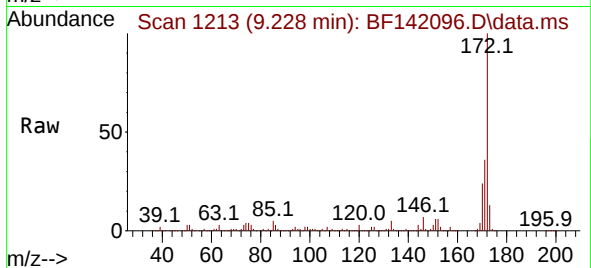
170 23.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#46

1,1'-Biphenyl

Concen: 49.598 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

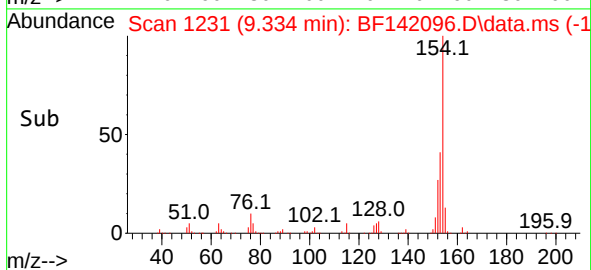
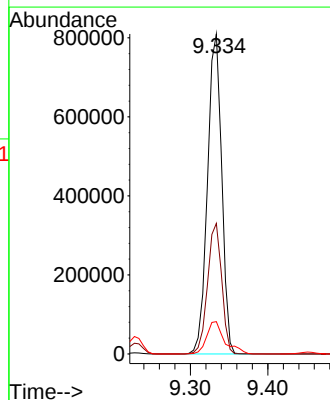
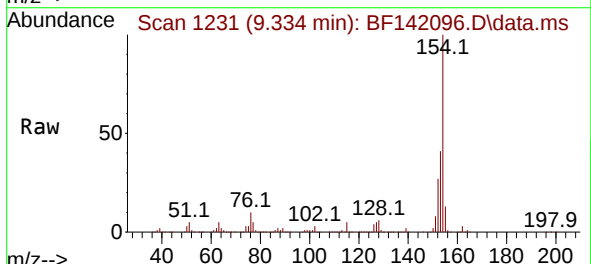
Tgt Ion:154 Resp: 1030110

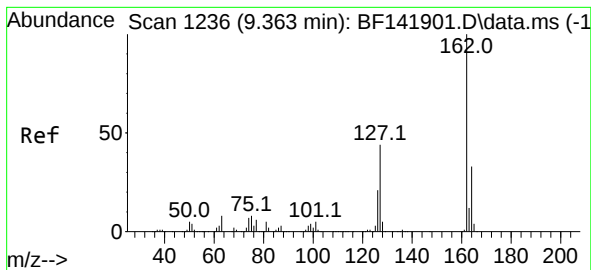
Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

76 10.1 0.0 31.3





#47

2-Chloronaphthalene

Concen: 50.215 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

Tgt Ion:162 Resp: 777352

Ion Ratio Lower Upper

162 100

127 43.0 35.5 53.3

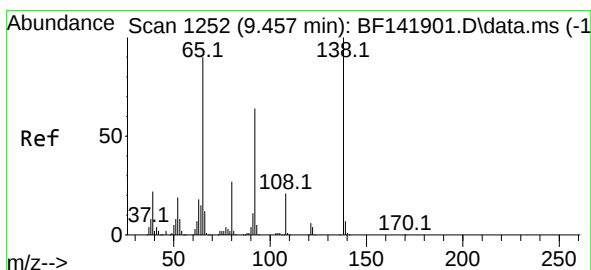
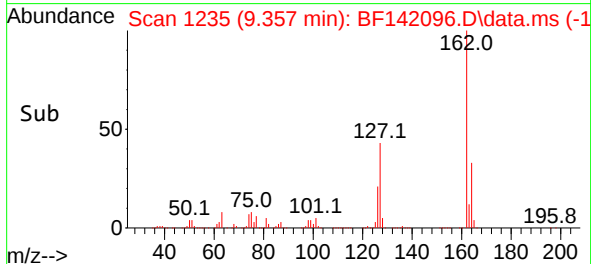
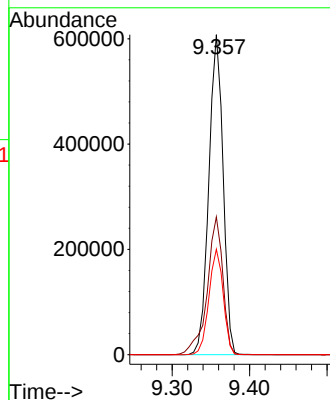
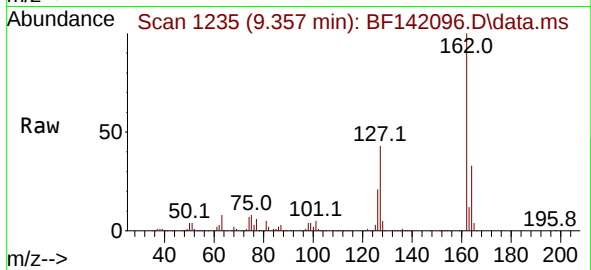
164 33.0 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#48

2-Nitroaniline

Concen: 50.499 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

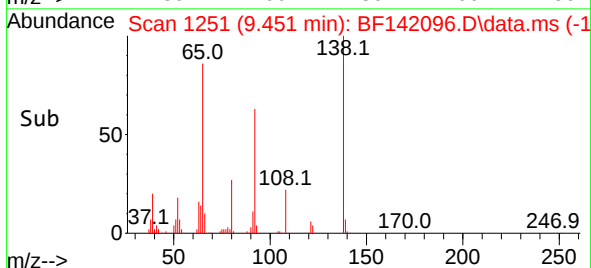
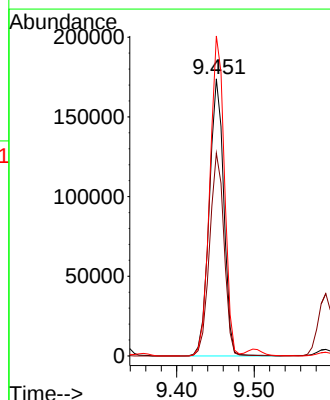
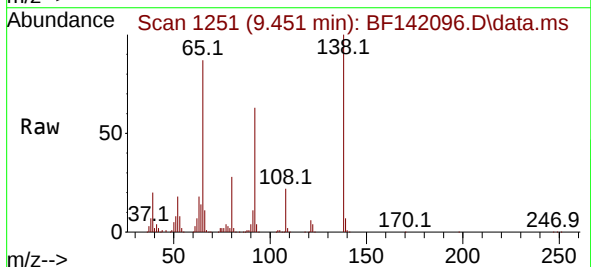
Tgt Ion: 65 Resp: 226346

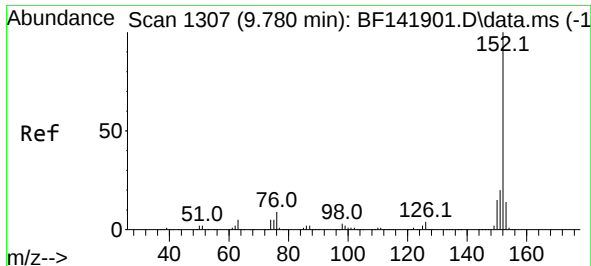
Ion Ratio Lower Upper

65 100

92 73.2 56.6 84.8

138 115.5 88.6 133.0





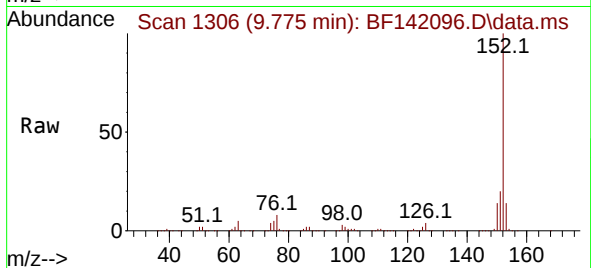
#49
Acenaphthylene
Concen: 53.889 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

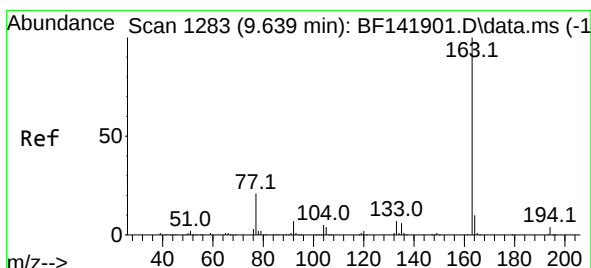
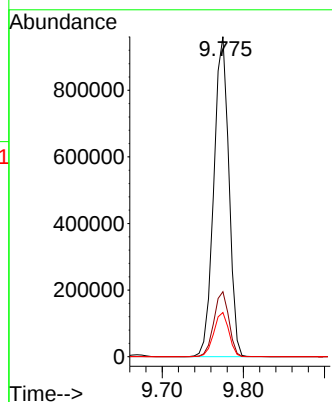
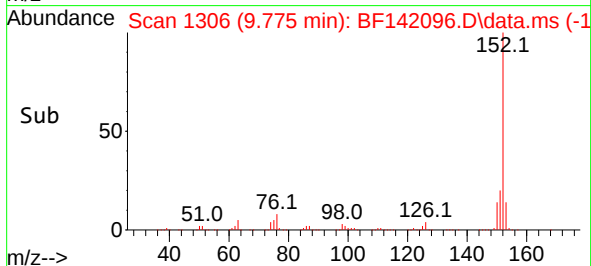


Tgt Ion:152 Resp: 1237960
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.8 11.1 16.7

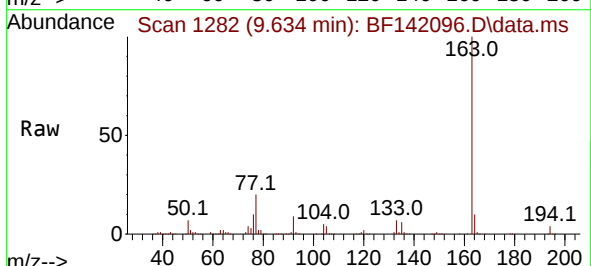
Manual Integrations

APPROVED

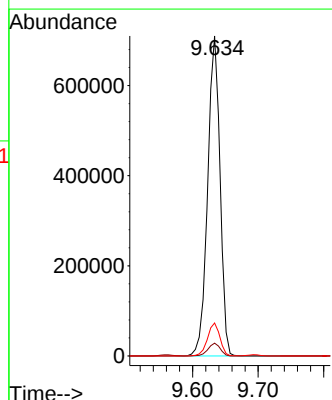
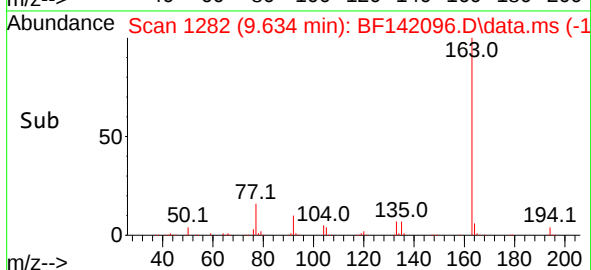
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

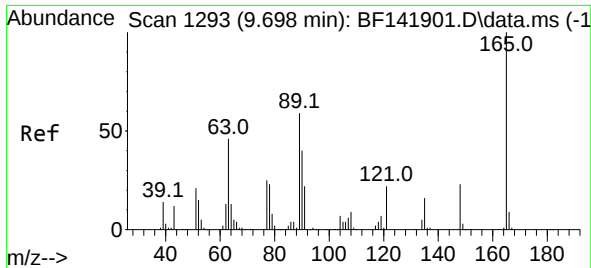


#50
Dimethylphthalate
Concen: 48.753 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



Tgt Ion:163 Resp: 933212
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 52.770 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

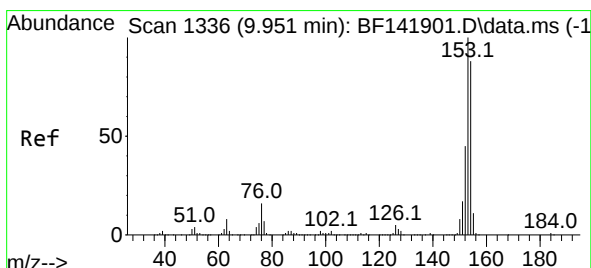
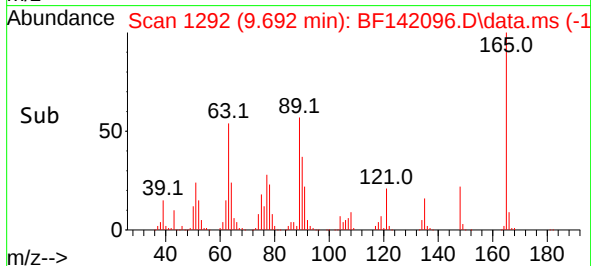
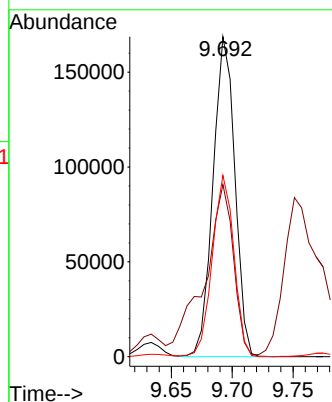
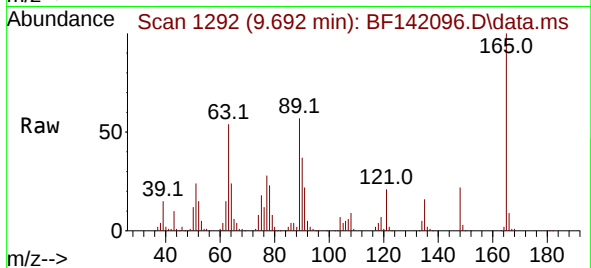
PB167310BS

Tgt Ion:165 Resp: 21031
Ion Ratio Lower Upper
165 100
63 53.8 47.0 70.4
89 56.7 47.4 71.2

Manual Integrations

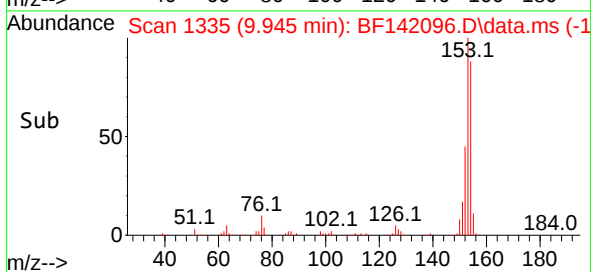
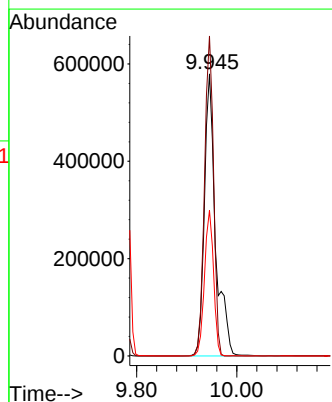
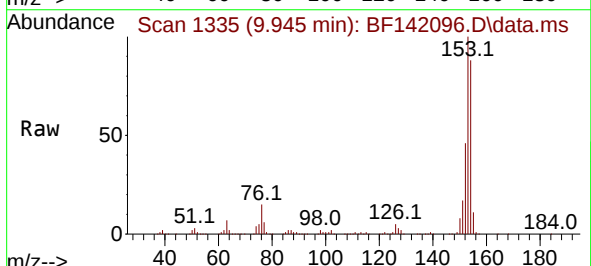
APPROVED

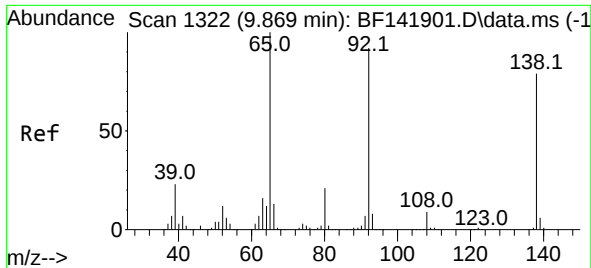
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#52
Acenaphthene
Concen: 56.162 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:154 Resp: 906677
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 51.6 41.1 61.7





#53
3-Nitroaniline
Concen: 29.211 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

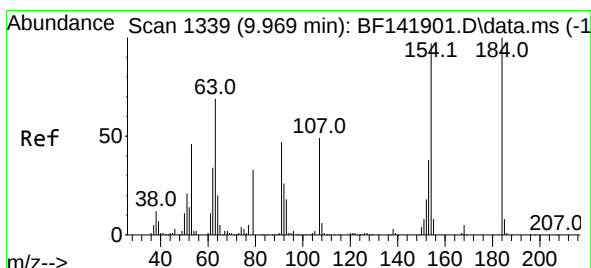
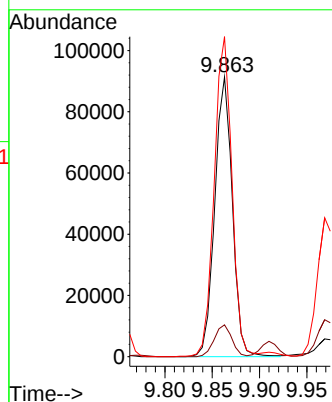
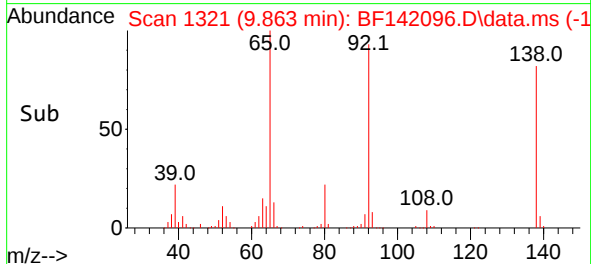
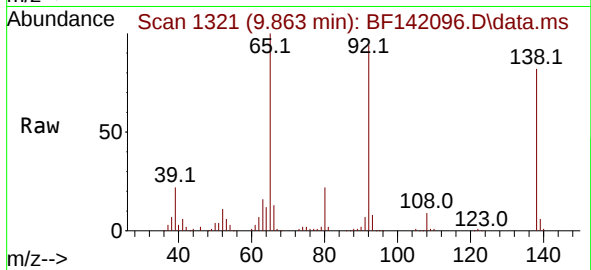
ClientSampleId :

PB167310BS

Tgt Ion:138 Resp: 118092
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 114.4 93.5 140.3

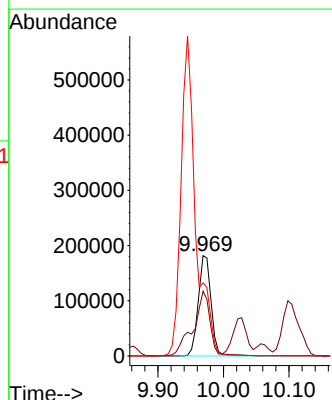
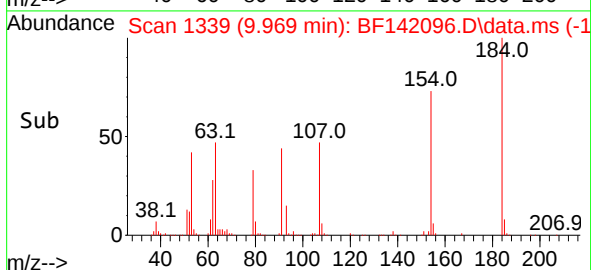
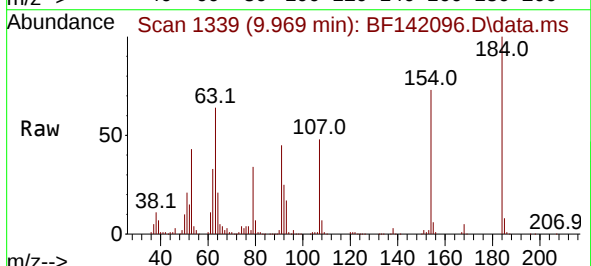
Manual Integrations
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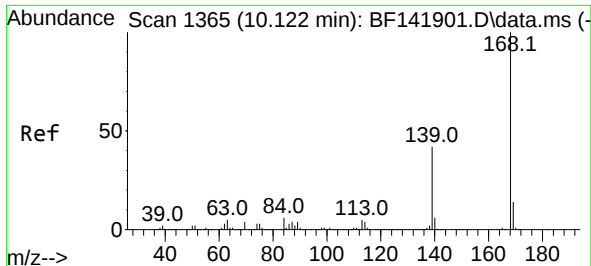
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#54
2,4-Dinitrophenol
Concen: 107.402 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

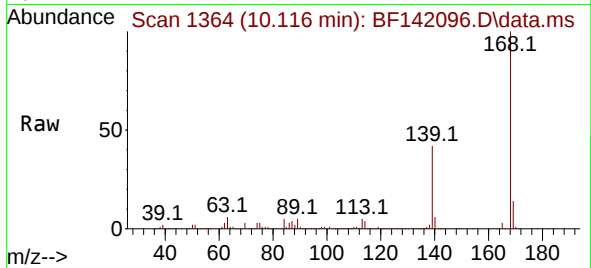
Tgt Ion:184 Resp: 248763
Ion Ratio Lower Upper
184 100
63 64.5 60.2 90.4
154 72.8 132.9 199.3#





#55
Dibenzenofuran
Concen: 48.290 ng
RT: 10.116 min Scan# 1113940
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

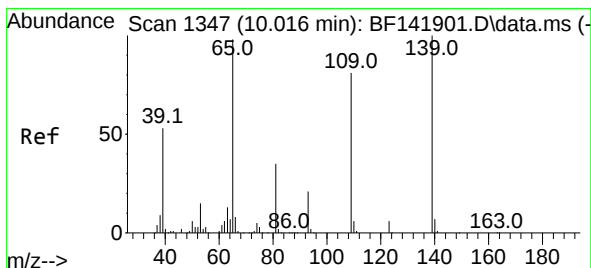
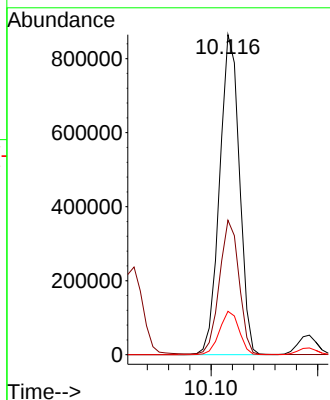
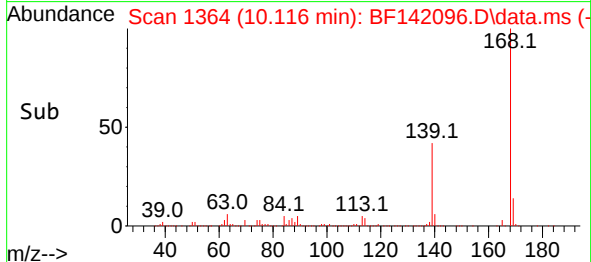
Instrument :
BNA_F
ClientSampleId :
PB167310BS



Tgt Ion:168 Resp: 1113940
Ion Ratio Lower Upper
168 100
139 42.0 33.9 50.9
169 13.5 11.0 16.4

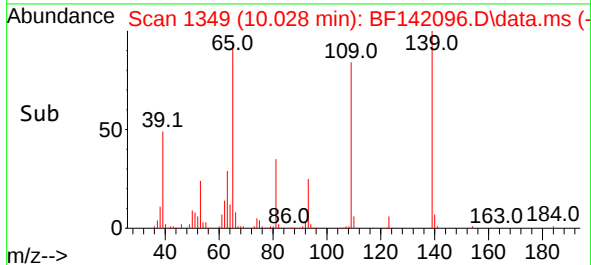
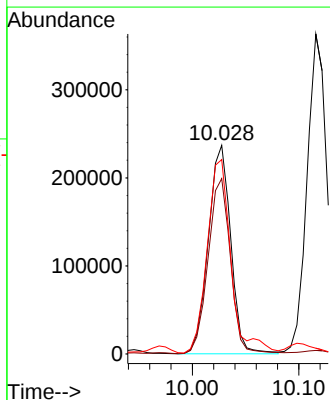
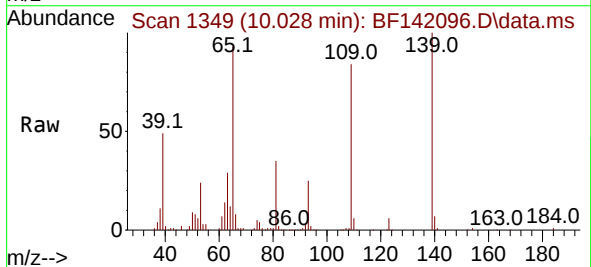
Manual Integrations
APPROVED

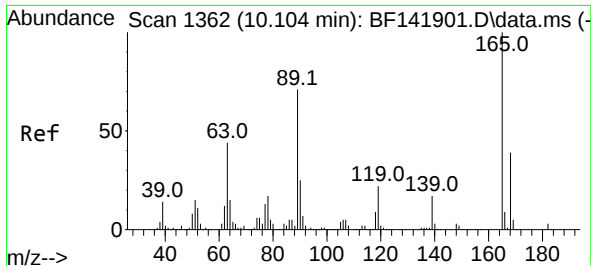
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#56
4-Nitrophenol
Concen: 113.506 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:139 Resp: 346053
Ion Ratio Lower Upper
139 100
109 84.0 61.6 101.6
65 93.2 79.4 119.4





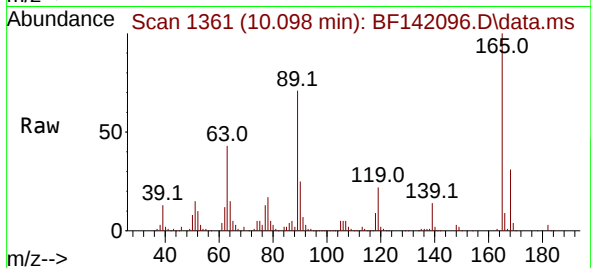
#57
2,4-Dinitrotoluene
Concen: 57.783 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

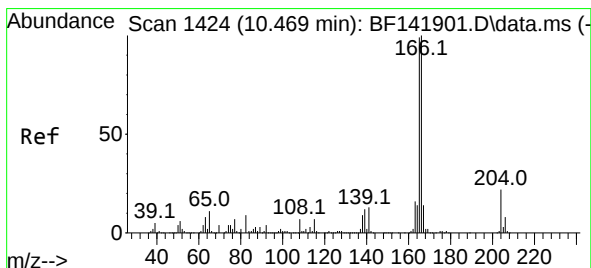
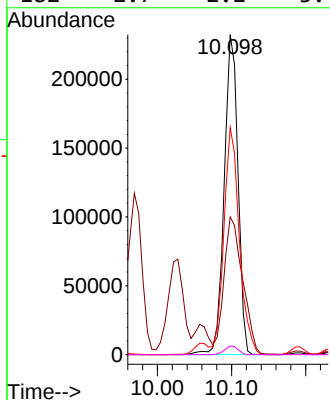
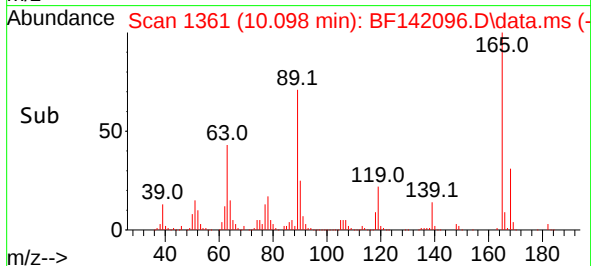


Tgt Ion:165 Resp: 300789
Ion Ratio Lower Upper
165 100
63 43.1 35.4 53.2
89 70.9 56.6 84.8
182 2.7 2.2 3.4

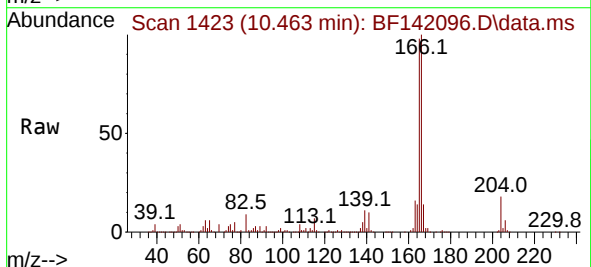
Manual Integrations

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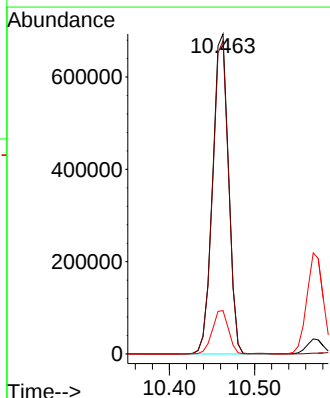
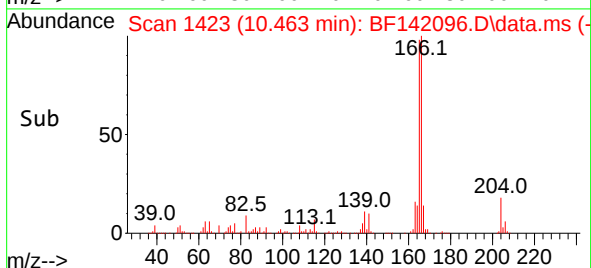
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#58
Fluorene
Concen: 50.804 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



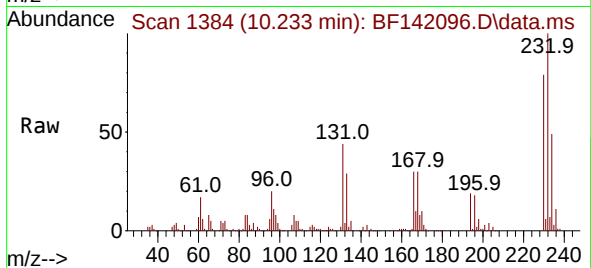
Tgt Ion:166 Resp: 903758
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.4
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.223 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

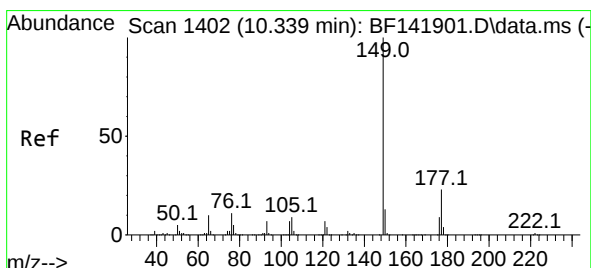
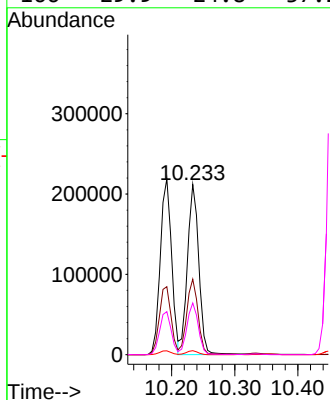
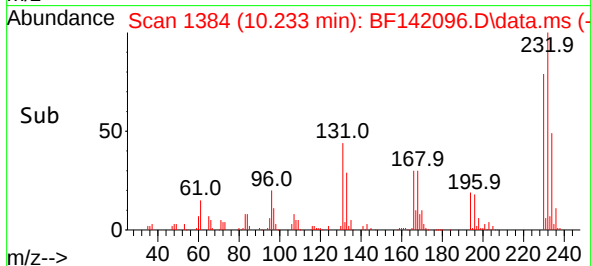
Instrument :
BNA_F
ClientSampleId :
PB167310BS



Tgt Ion:232 Resp: 266780
Ion Ratio Lower Upper
232 100
131 44.2 37.3 55.9
130 2.3 1.9 2.9
166 29.9 24.8 37.2

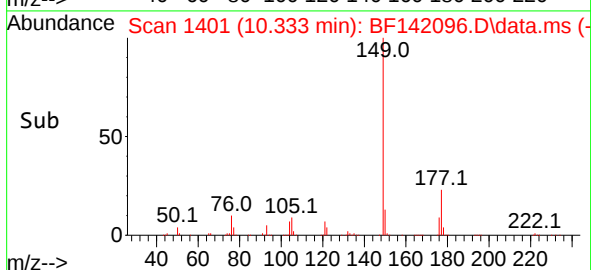
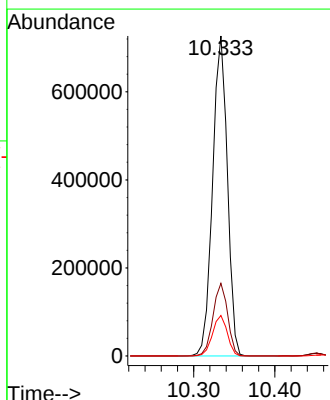
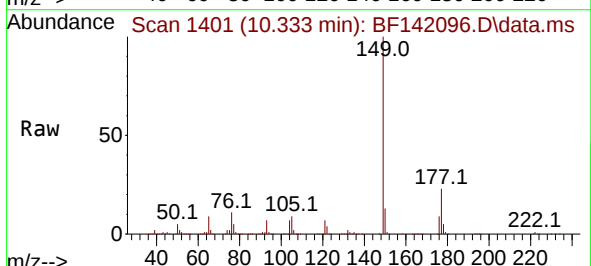
Manual Integrations
APPROVED

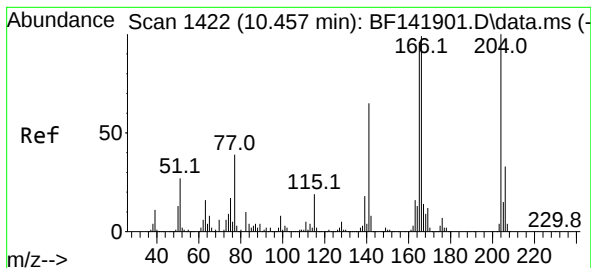
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#60
Diethylphthalate
Concen: 48.081 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

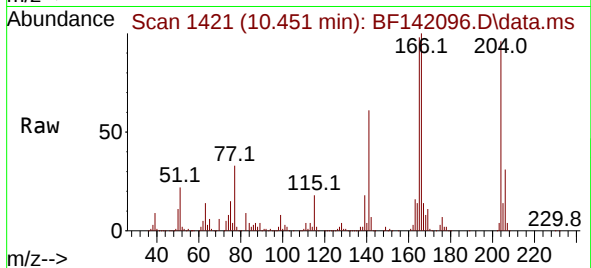
Tgt Ion:149 Resp: 917722
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 49.823 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

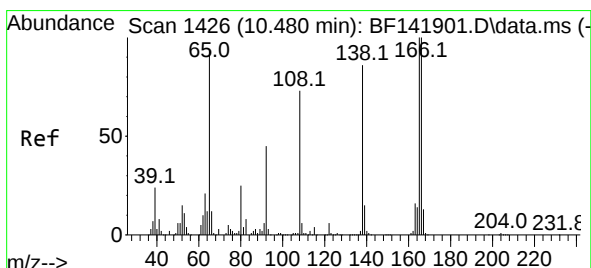
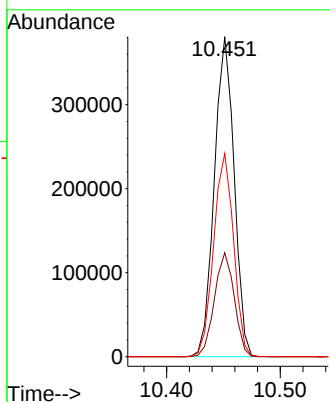
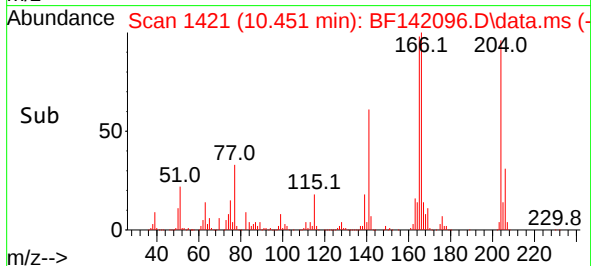
Instrument :
BNA_F
ClientSampleId :
PB167310BS



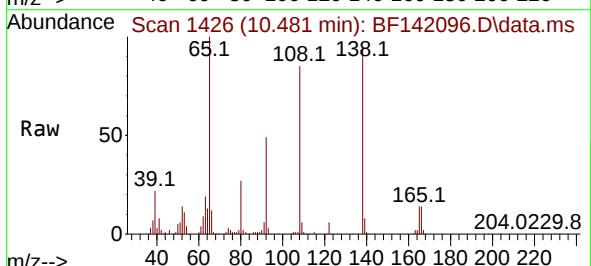
Tgt Ion:204 Resp: 462075
Ion Ratio Lower Upper
204 100
206 32.5 26.8 40.2
141 63.5 52.4 78.6

Manual Integrations
APPROVED

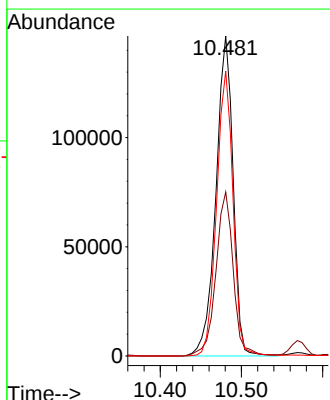
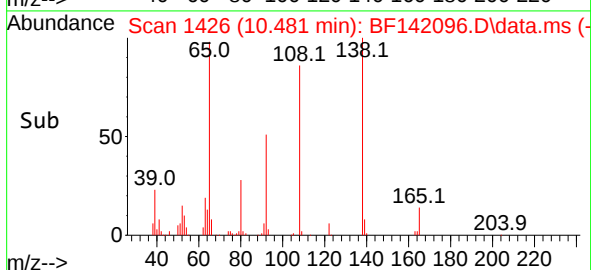
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

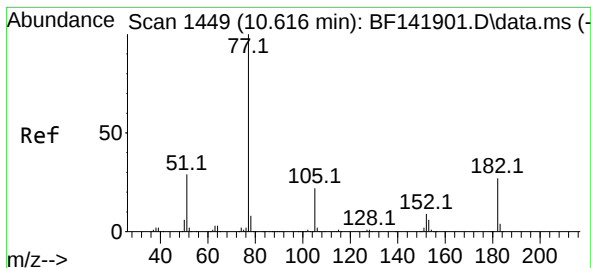


#62
4-Nitroaniline
Concen: 54.983 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



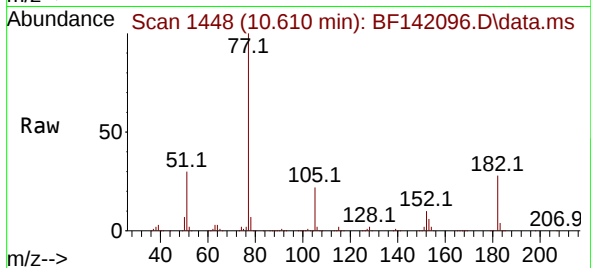
Tgt Ion:138 Resp: 216406
Ion Ratio Lower Upper
138 100
92 51.3 32.6 72.6
108 89.1 65.0 105.0





#63
Azobenzene
Concen: 46.094 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

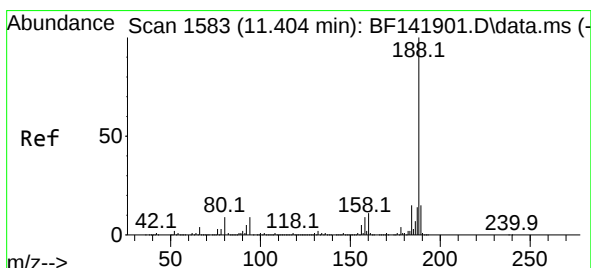
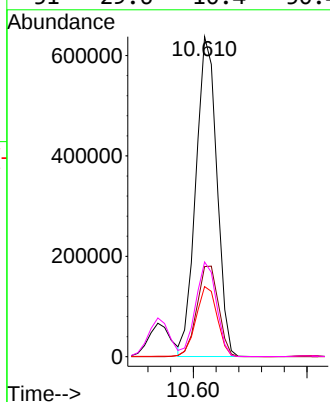
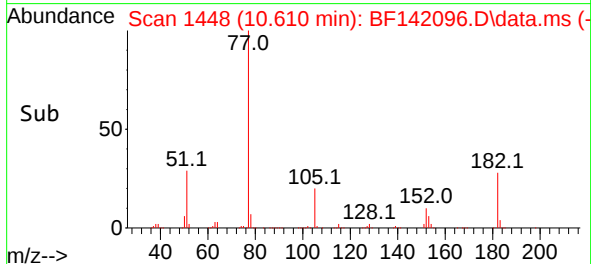
Instrument :
BNA_F
ClientSampleId :
PB167310BS



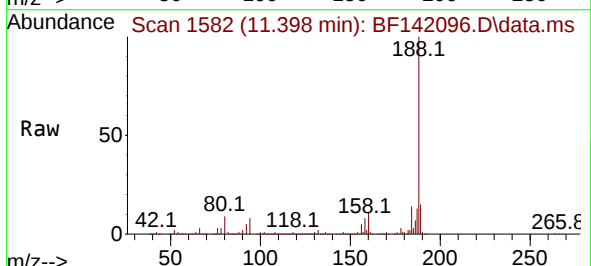
Tgt Ion: 77 Resp: 81794
Ion Ratio Lower Upper
77 100
182 28.2 6.6 46.6
105 21.9 1.3 41.3
51 29.6 10.4 50.4

Manual Integrations
APPROVED

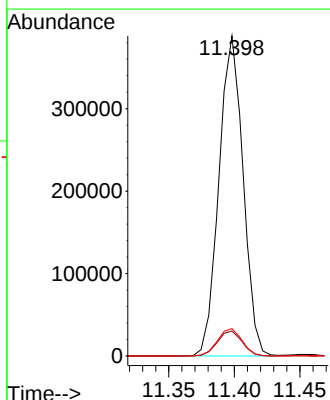
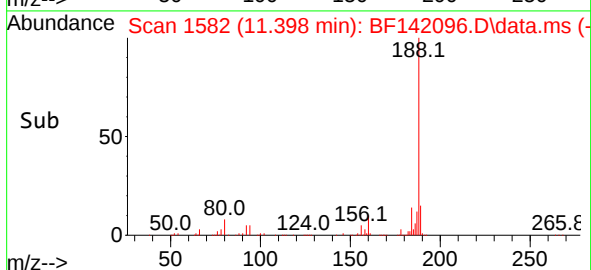
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

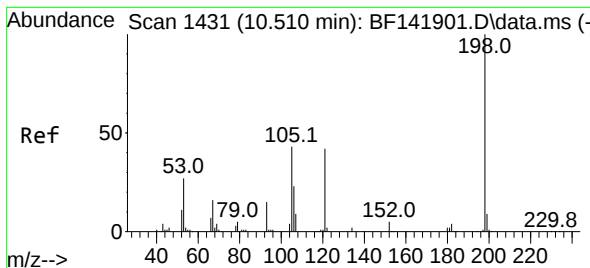


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



Tgt Ion:188 Resp: 496995
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 58.292 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

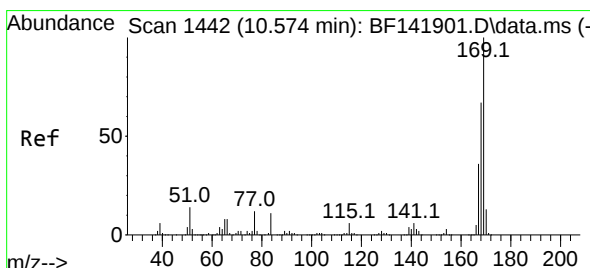
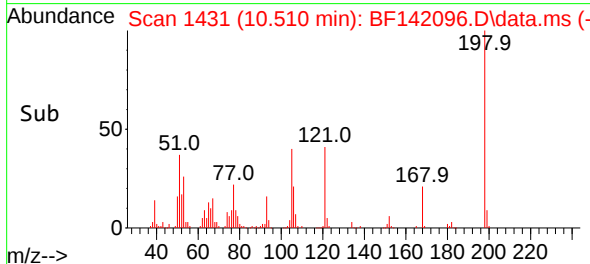
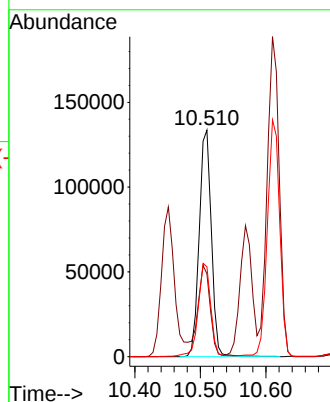
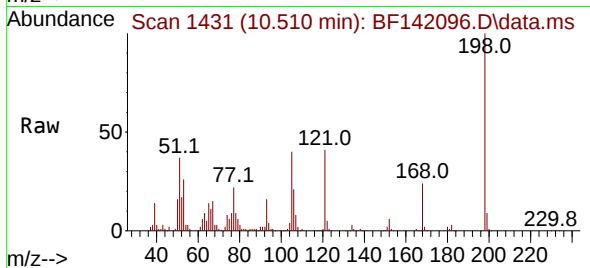
PB167310BS

Tgt Ion:198 Resp: 172708
Ion Ratio Lower Upper
198 100
51 36.6 22.3 62.3
105 39.7 23.0 63.0

Manual Integrations

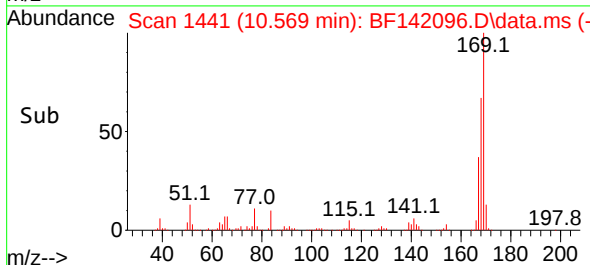
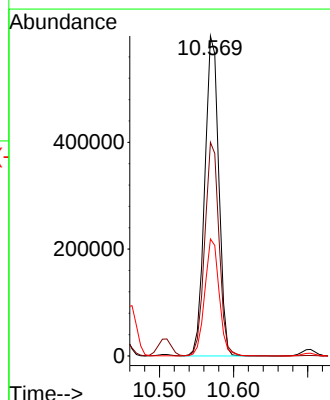
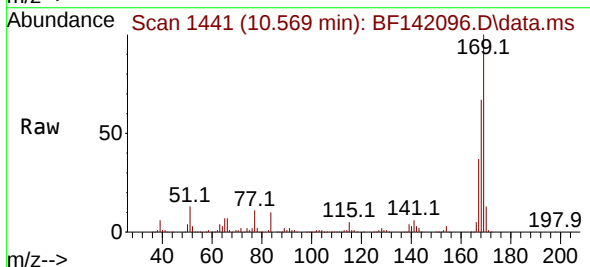
APPROVED

Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#66
n-Nitrosodiphenylamine
Concen: 48.835 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:169 Resp: 785412
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.244 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

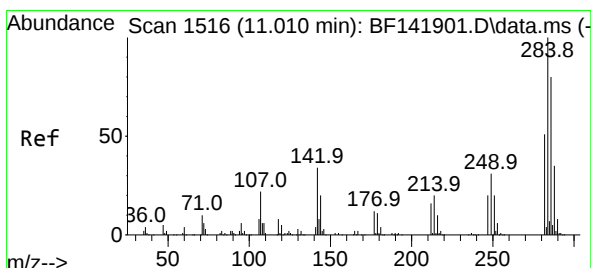
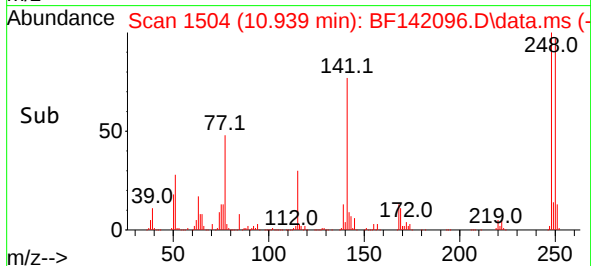
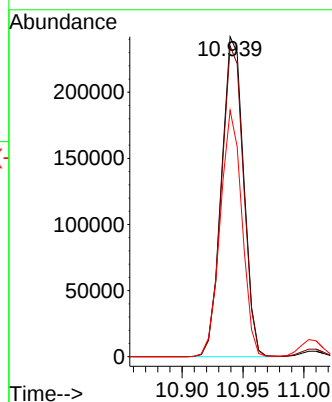
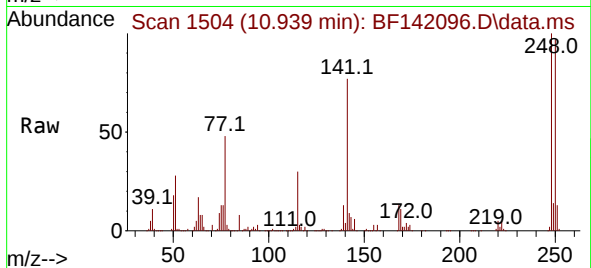
PB167310BS

Tgt Ion:248 Resp: 307368
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 77.0 62.6 93.8

Manual Integrations

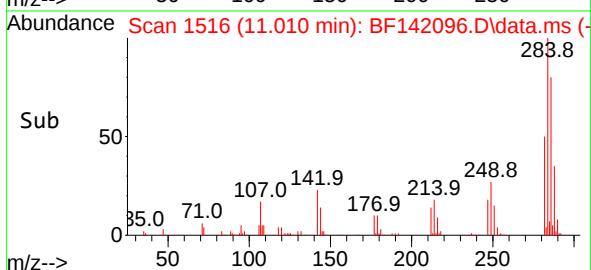
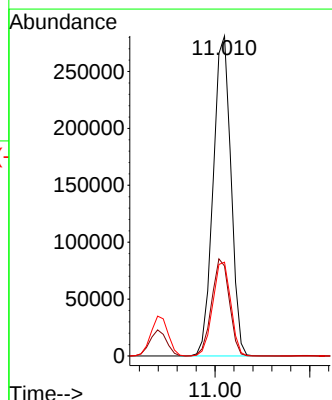
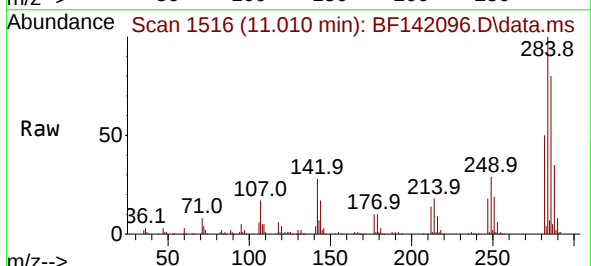
APPROVED

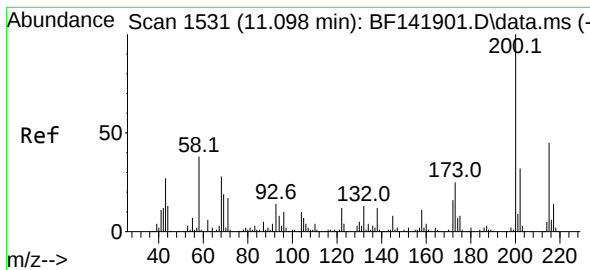
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#68
Hexachlorobenzene
Concen: 53.288 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:284 Resp: 364796
Ion Ratio Lower Upper
284 100
142 28.1 27.0 40.6
249 29.3 25.2 37.8





#69

Atrazine

Concen: 60.190 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

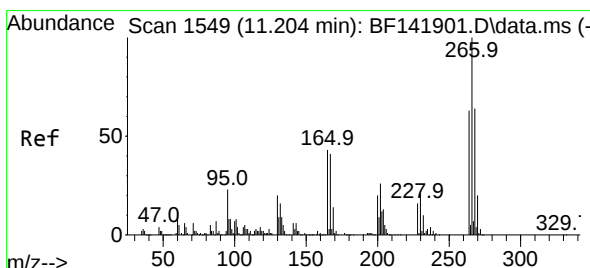
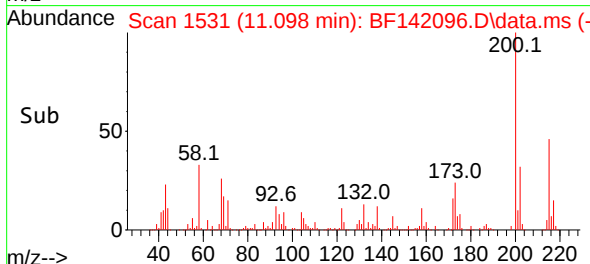
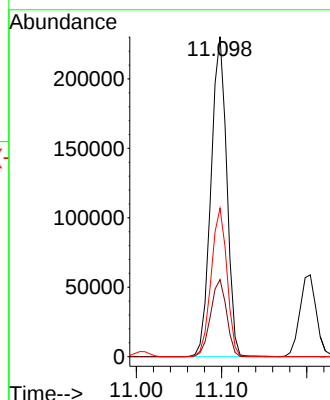
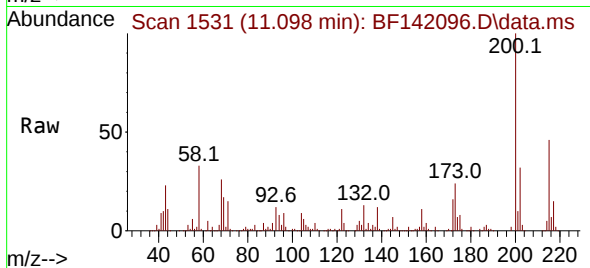
PB167310BS

Tgt Ion:200 Resp: 296758
 Ion Ratio Lower Upper
 200 100
 173 24.1 4.7 44.7
 215 46.4 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025



#70

Pentachlorophenol

Concen: 100.624 ng

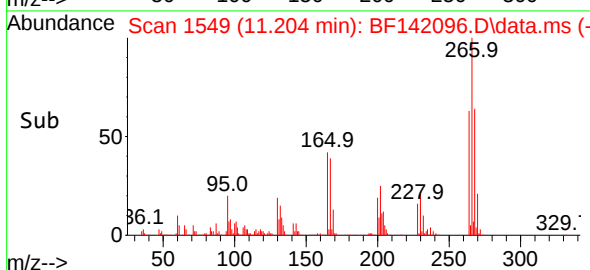
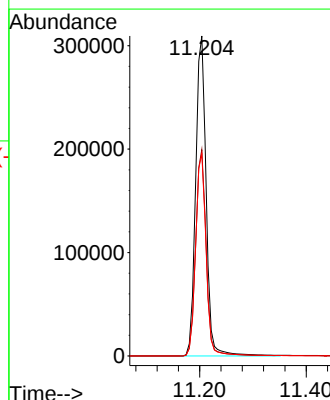
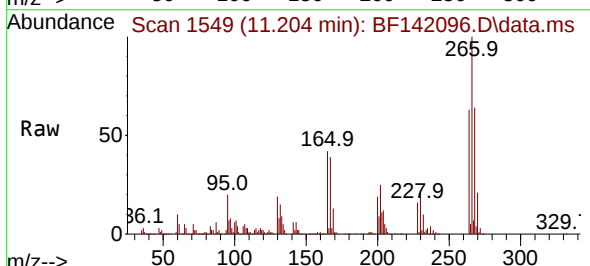
RT: 11.204 min Scan# 1549

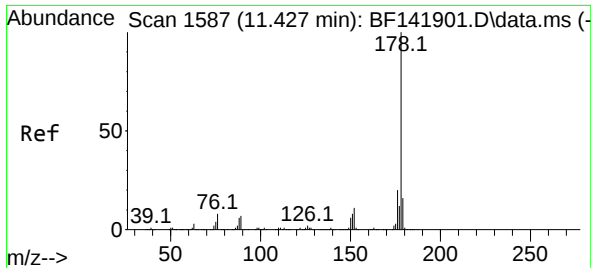
Delta R.T. 0.000 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Tgt Ion:266 Resp: 424414
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.0 76.6
 264 63.3 50.2 75.2





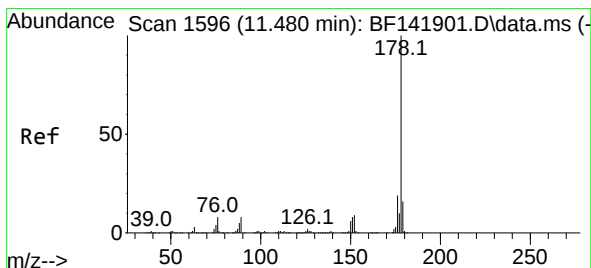
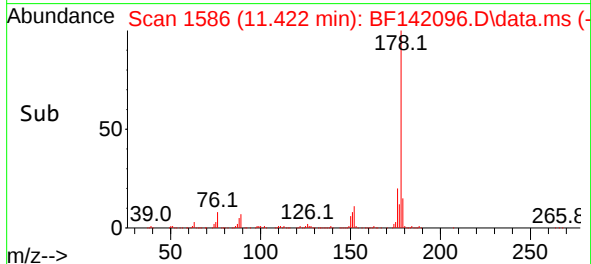
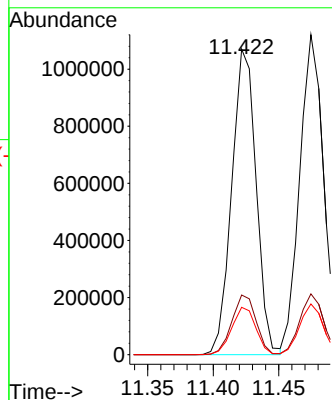
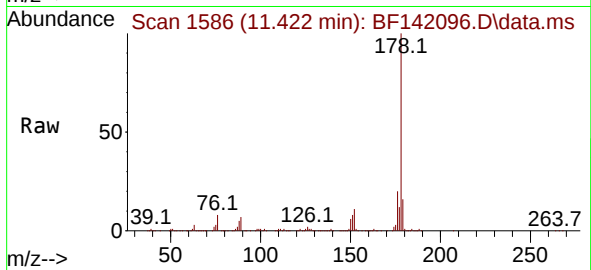
#71
Phenanthrene
Concen: 51.721 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :
BNA_F
ClientSampleId :
PB167310BS

Tgt Ion:178 Resp: 1388418
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.5 12.6 19.0

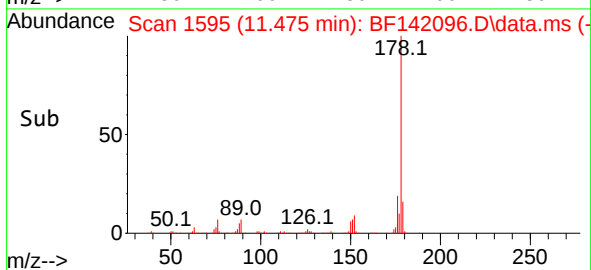
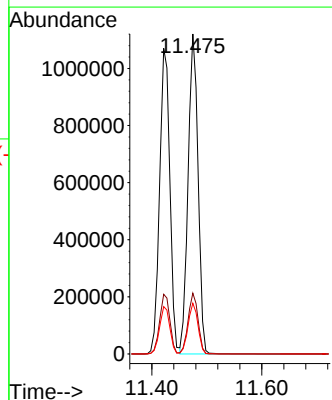
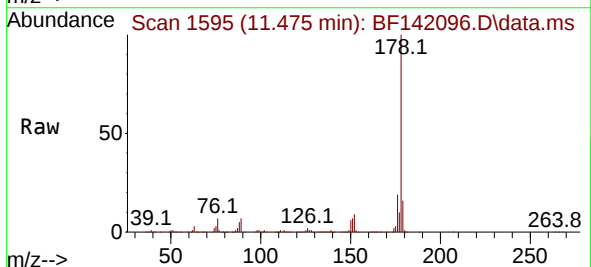
Manual Integrations
APPROVED

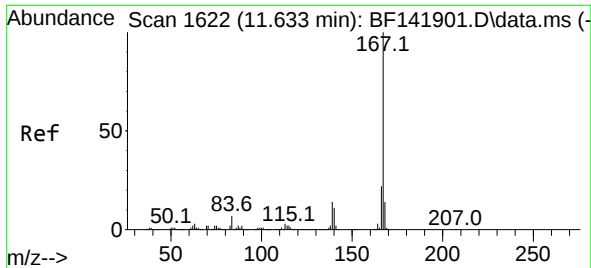
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#72
Anthracene
Concen: 52.290 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

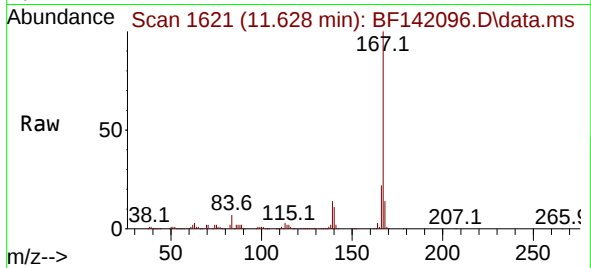
Tgt Ion:178 Resp: 1408266
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 52.651 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142096.D
 Acq: 26 Mar 2025 14:36

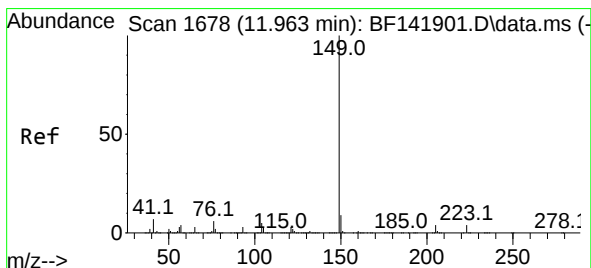
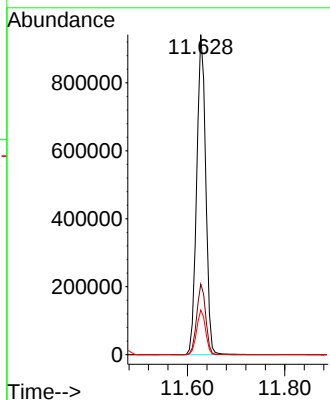
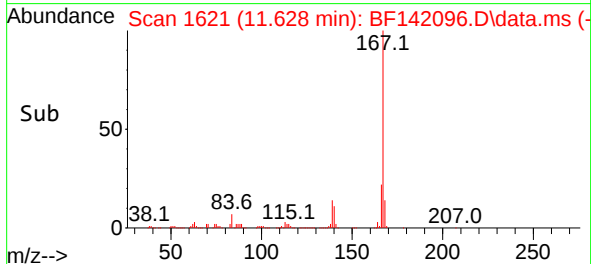
Instrument :
 BNA_F
 ClientSampleId :
 PB167310BS



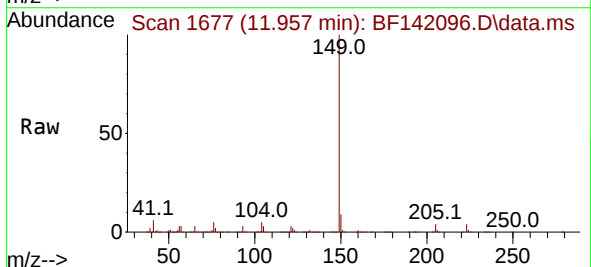
Tgt Ion:167 Resp: 1222898
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.9 11.0 16.6

Manual Integrations
 APPROVED

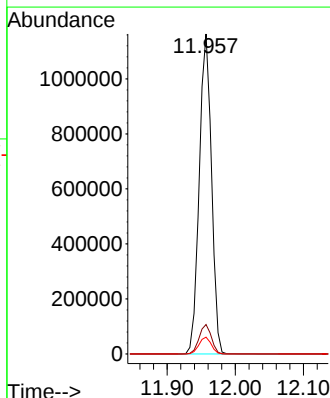
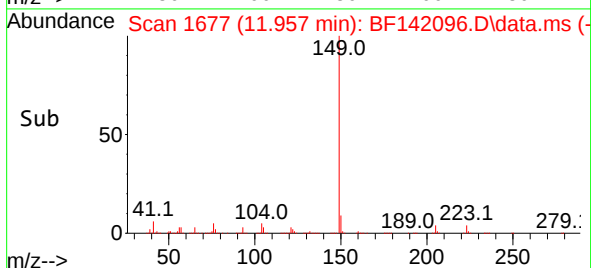
Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025

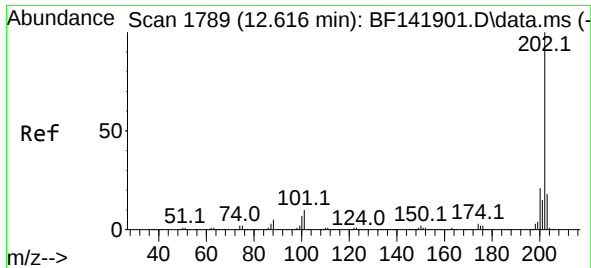


#74
 Di-n-butylphthalate
 Concen: 47.050 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142096.D
 Acq: 26 Mar 2025 14:36



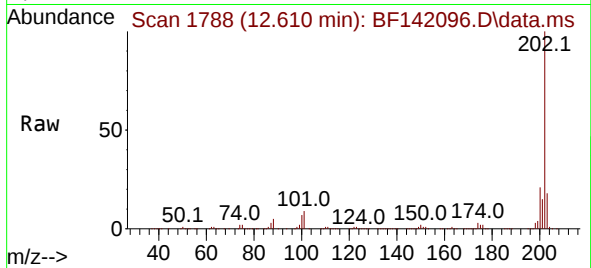
Tgt Ion:149 Resp: 1450020
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 51.515 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

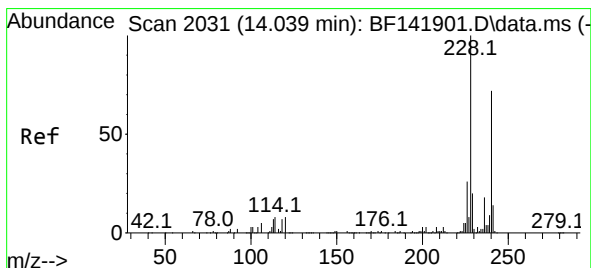
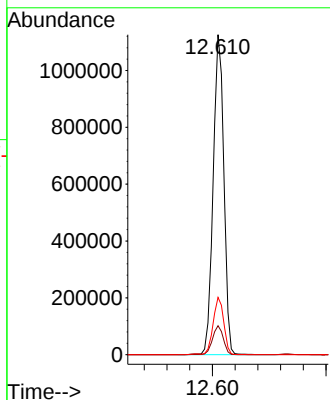
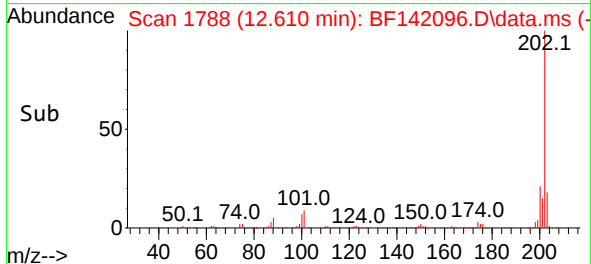
Instrument :
BNA_F
ClientSampleId :
PB167310BS



Tgt Ion:202 Resp: 146691
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.9 0.0 37.8

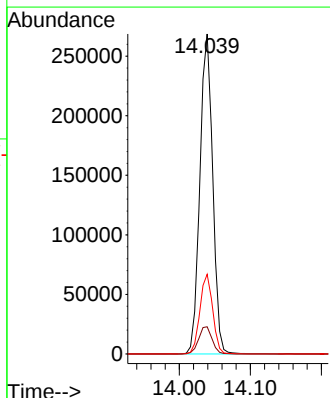
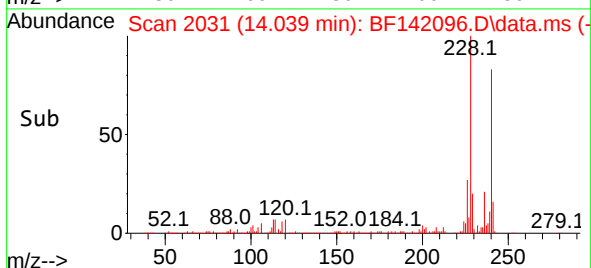
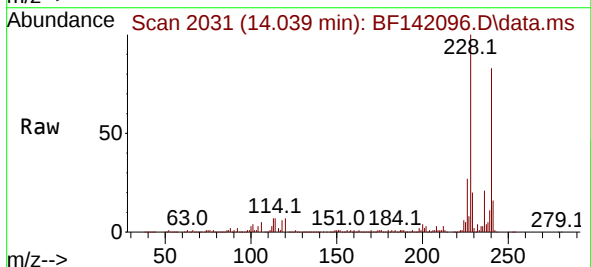
Manual Integrations
APPROVED

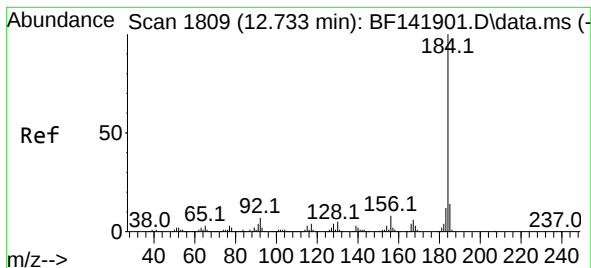
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:240 Resp: 337990
Ion Ratio Lower Upper
240 100
120 8.5 8.4 12.6
236 24.9 20.5 30.7





#77

Benzidine

Concen: 117.587 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

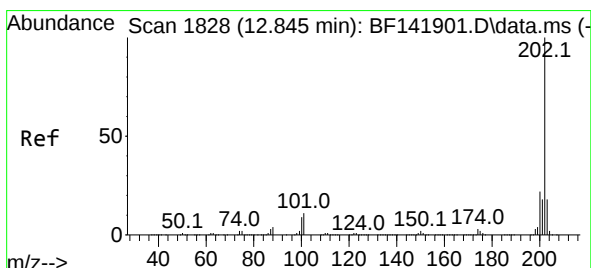
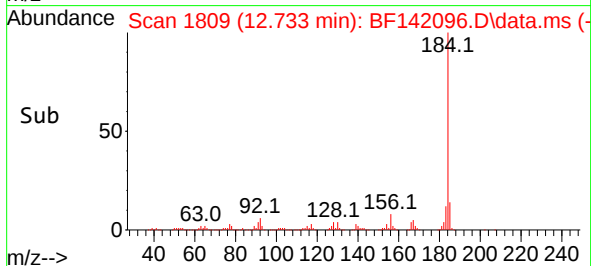
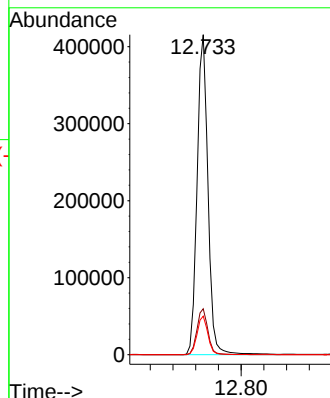
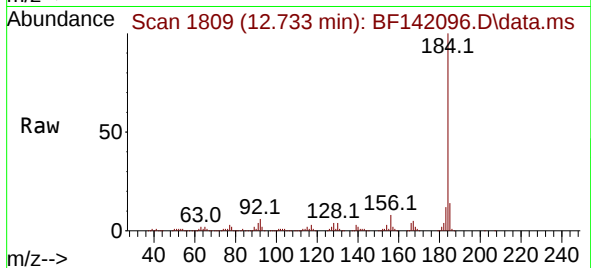
ClientSampleId :

PB167310BS

Tgt Ion:184 Resp: 55449
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.5 17.3
 183 12.0 9.7 14.5

Manual Integrations
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Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025



#78

Pyrene

Concen: 49.090 ng

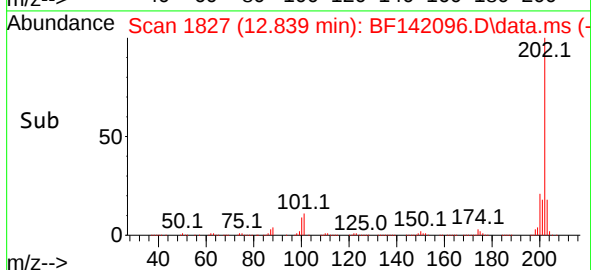
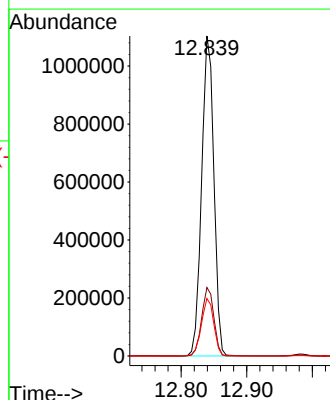
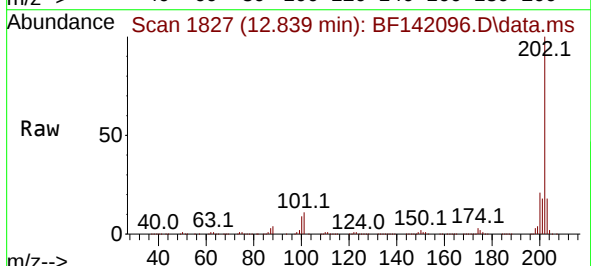
RT: 12.839 min Scan# 1827

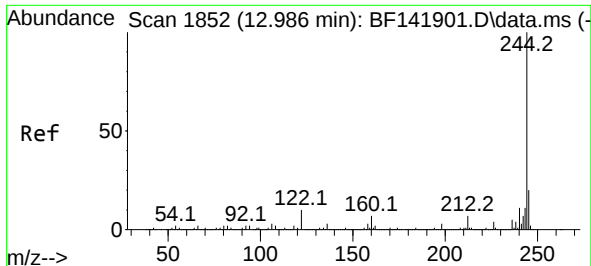
Delta R.T. -0.006 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Tgt Ion:202 Resp: 1435225
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.3 25.9
 203 18.0 14.4 21.6





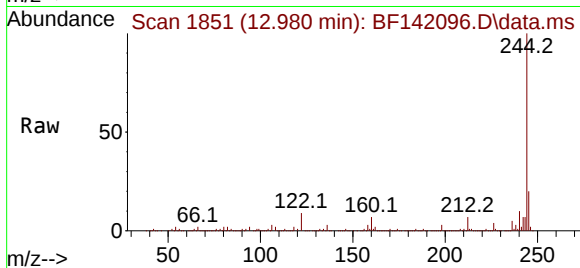
#79
 Terphenyl-d14
 Concen: 107.471 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142096.D
 Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

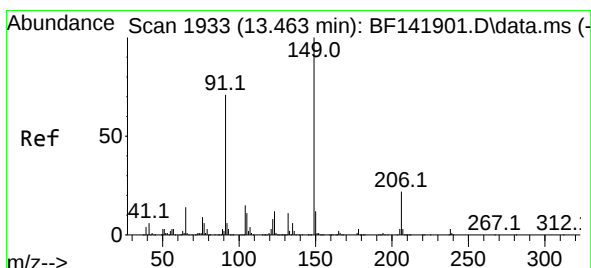
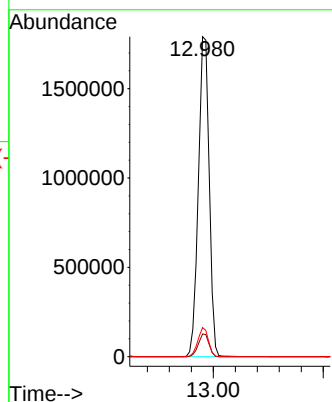
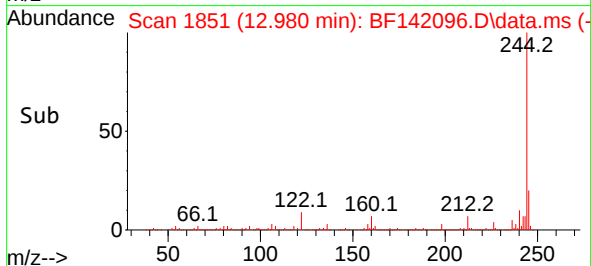


Tgt Ion:244 Resp: 2456904
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.1 7.7 11.5

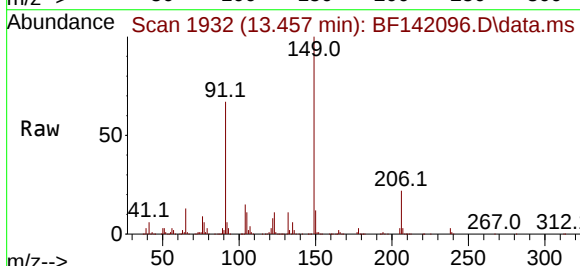
Manual Integrations

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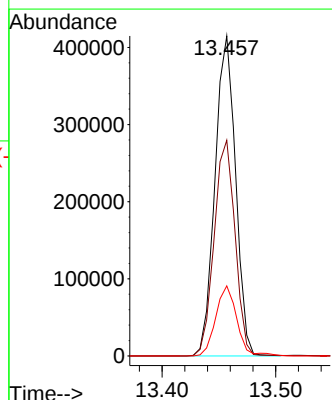
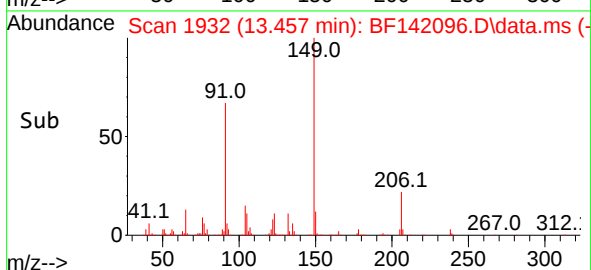
Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025

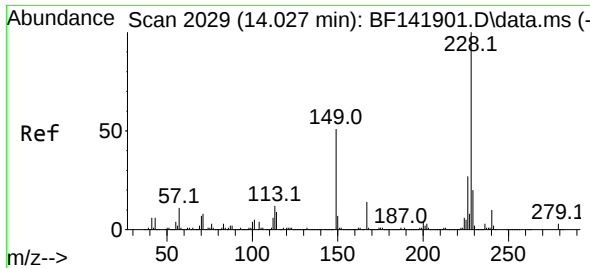


#80
 Butylbenzylphthalate
 Concen: 45.720 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142096.D
 Acq: 26 Mar 2025 14:36



Tgt Ion:149 Resp: 523190
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.5 84.7
 206 21.9 17.3 25.9





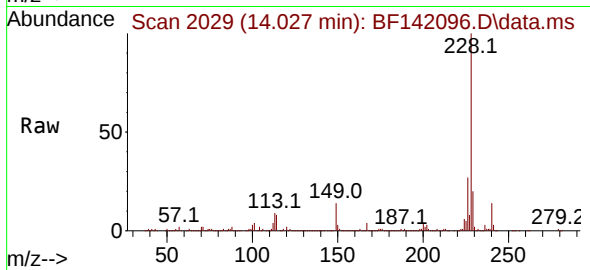
#81
Benzo(a)anthracene
Concen: 51.327 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

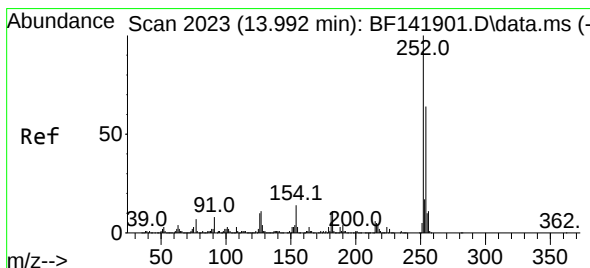
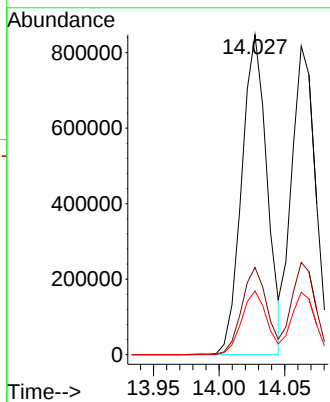
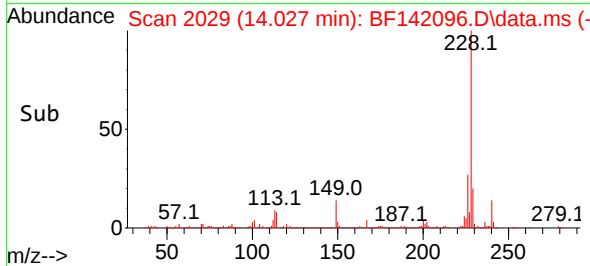


Tgt Ion:228 Resp: 1138370
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 16.0 24.0

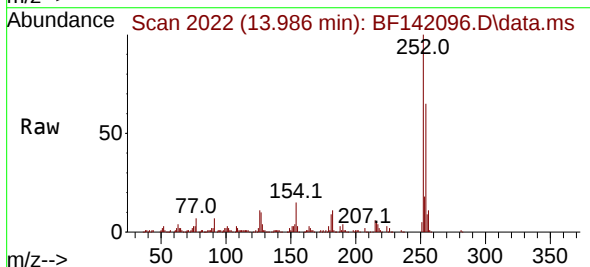
Manual Integrations

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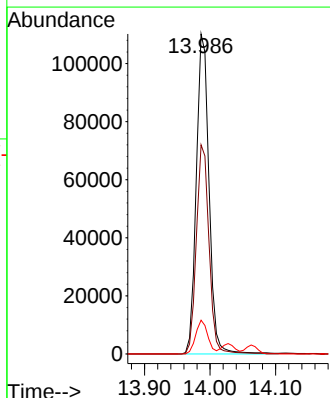
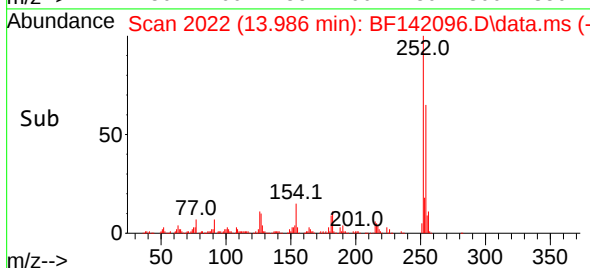
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

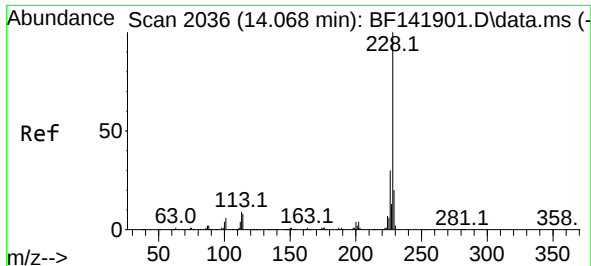


#82
3,3'-Dichlorobenzidine
Concen: 23.275 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36



Tgt Ion:252 Resp: 149177
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.6
126 10.6 8.4 12.6





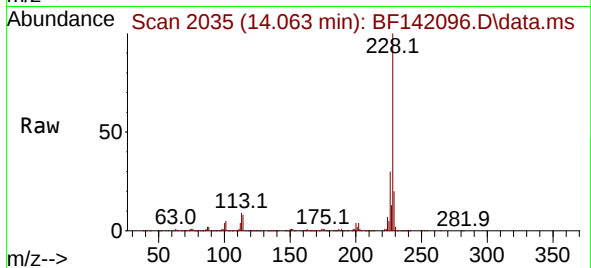
#83
Chrysene
Concen: 51.329 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

PB167310BS

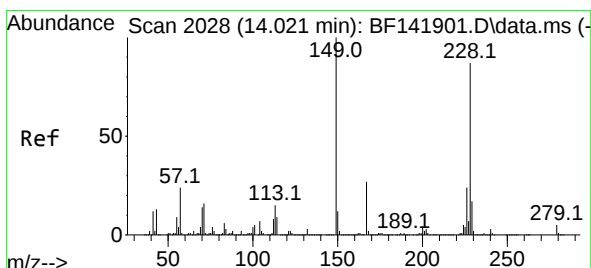
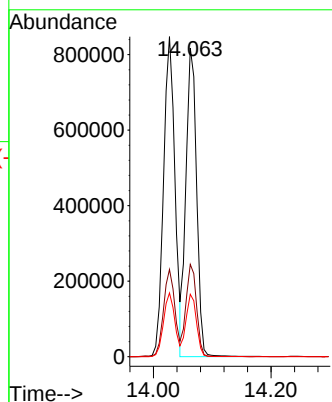
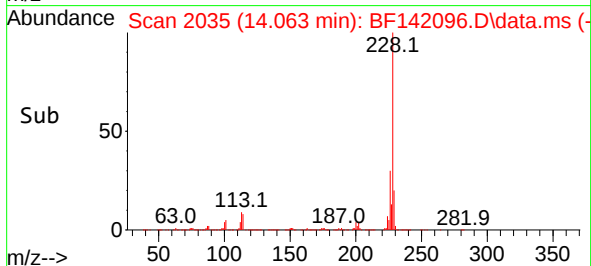


Tgt Ion:228 Resp: 103194
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 20.2 15.7 23.5

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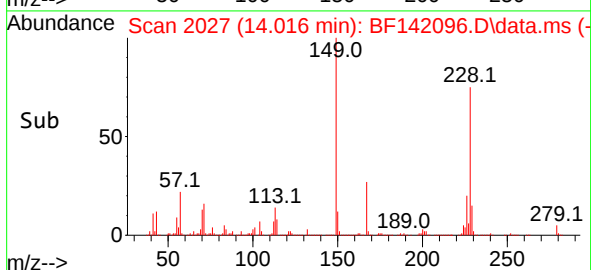
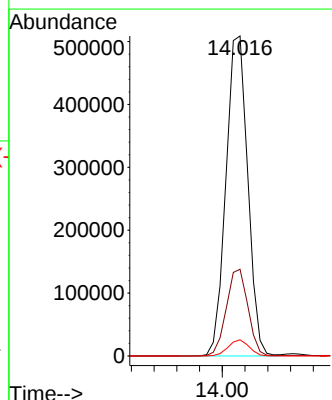
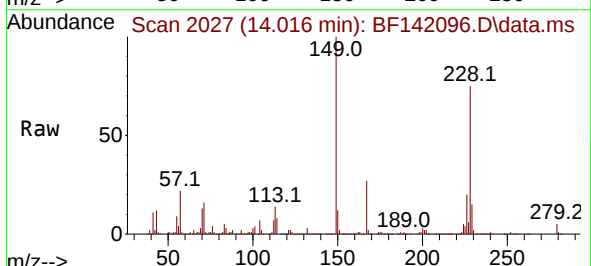
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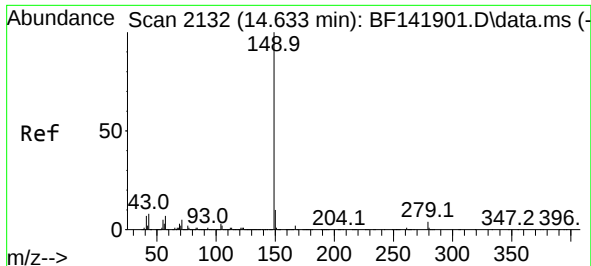
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.026 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

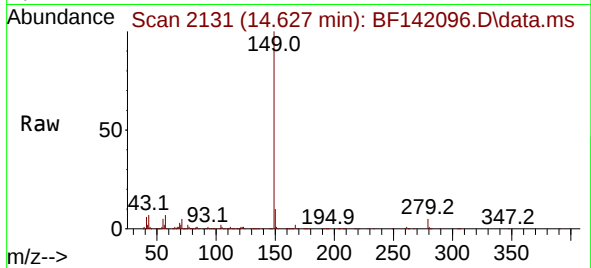
Tgt Ion:149 Resp: 678861
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 45.551 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

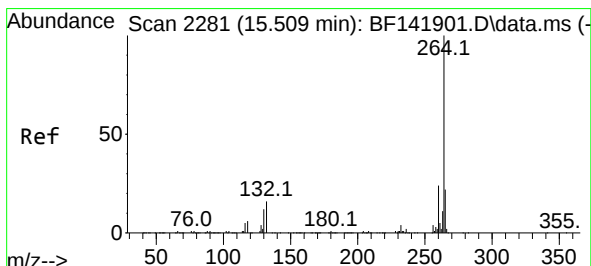
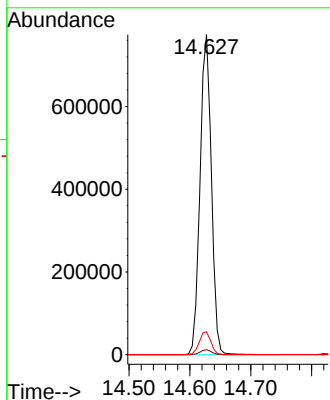
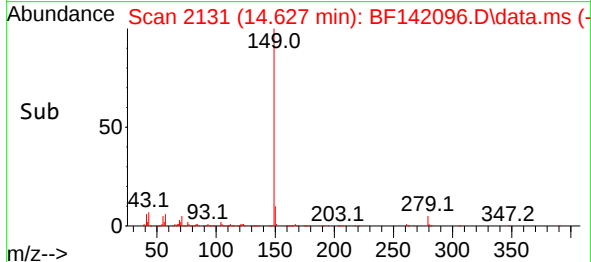
Instrument :
BNA_F
ClientSampleId :
PB167310BS



Tgt Ion:149 Resp: 999990
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.9 10.3

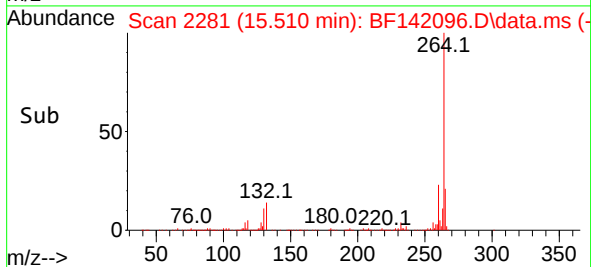
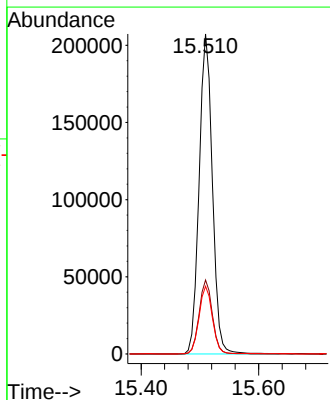
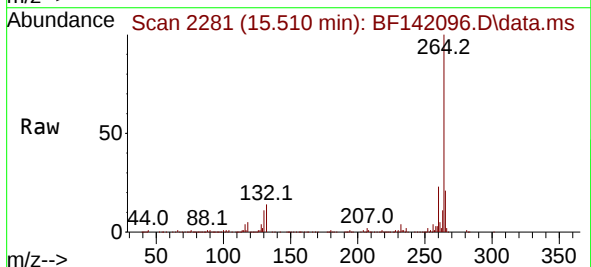
Manual Integrations
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Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:264 Resp: 323857
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.021 ng
RT: 17.004 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

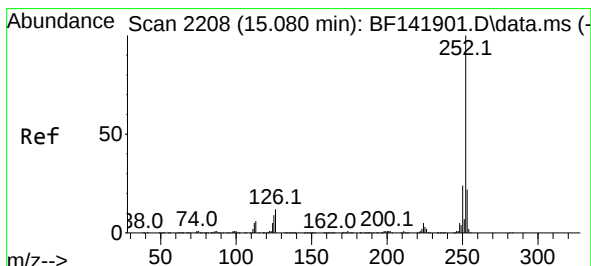
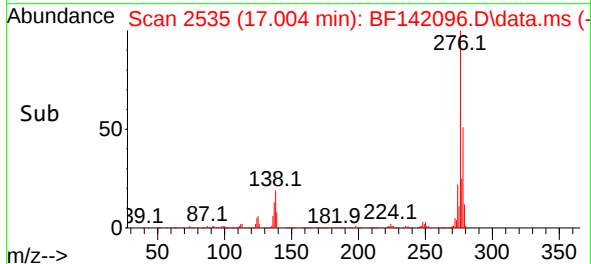
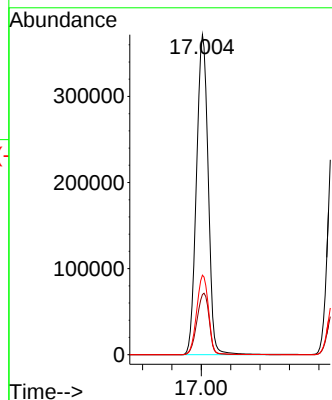
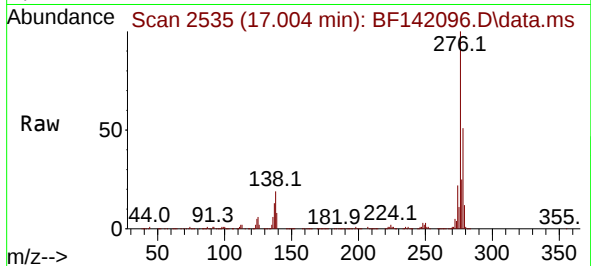
PB167310BS

Tgt Ion:276 Resp: 102697
Ion Ratio Lower Upper
276 100
138 20.0 18.4 27.6
277 25.1 20.3 30.5

Manual Integrations

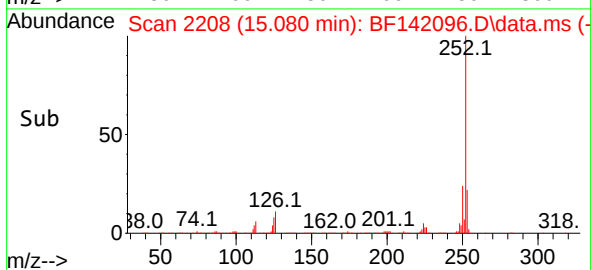
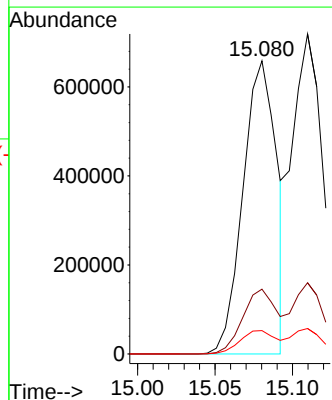
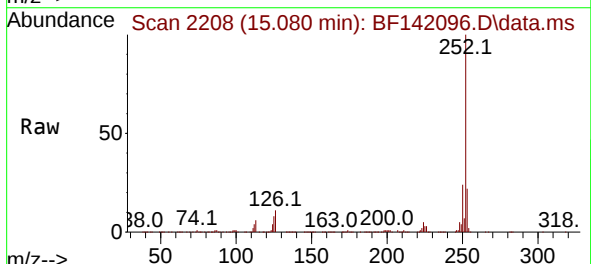
APPROVED

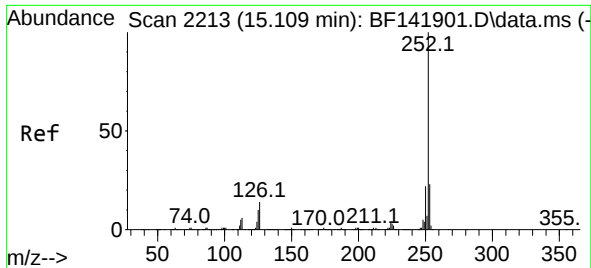
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#88
Benzo(b)fluoranthene
Concen: 44.878 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142096.D
Acq: 26 Mar 2025 14:36

Tgt Ion:252 Resp: 996099
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 52.644 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

Instrument :

BNA_F

ClientSampleId :

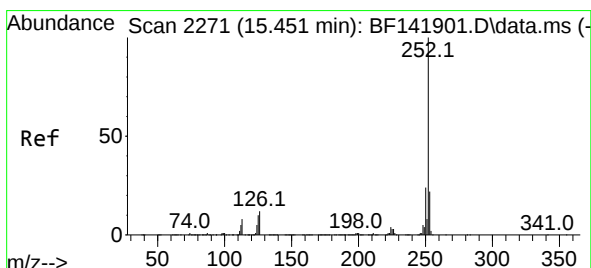
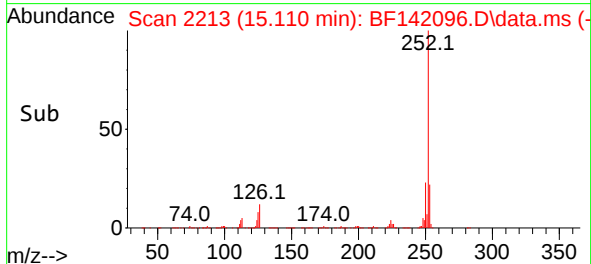
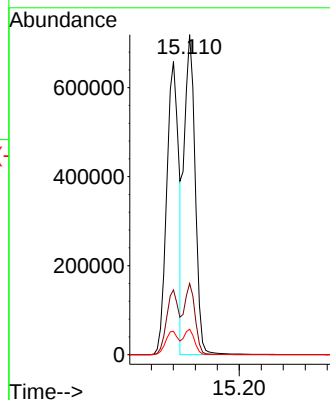
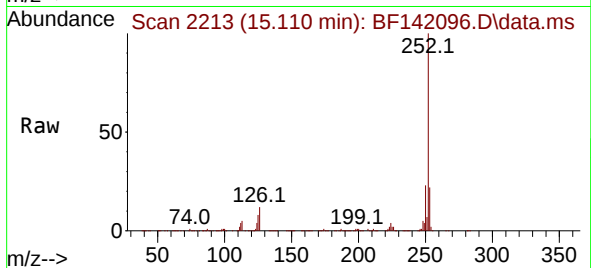
PB167310BS

Tgt Ion:252 Resp: 99995
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 8.0 7.2 10.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025



#90

Benzo(a)pyrene

Concen: 54.608 ng

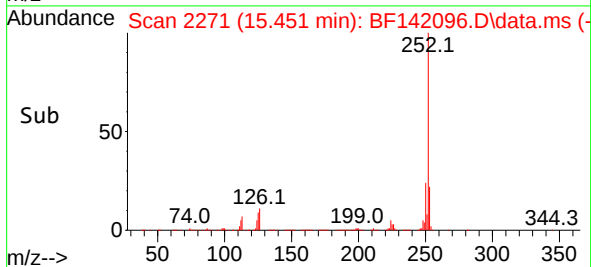
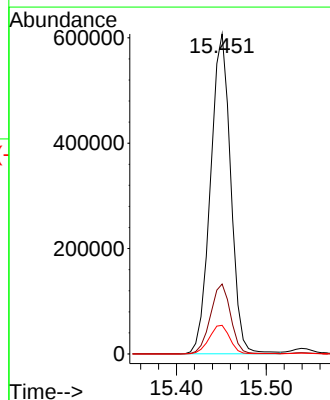
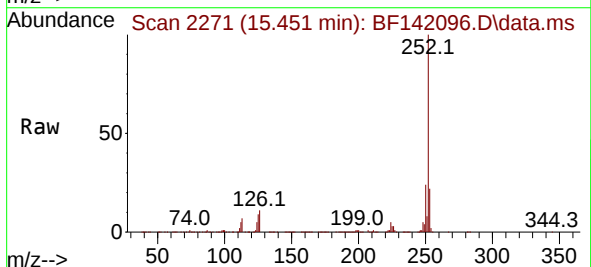
RT: 15.451 min Scan# 2271

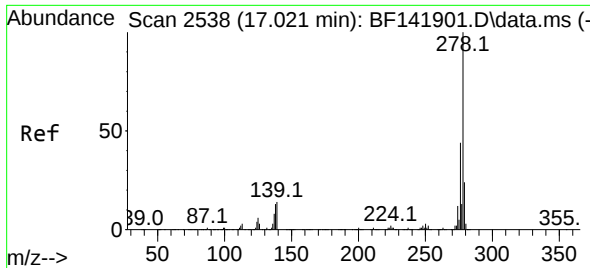
Delta R.T. 0.000 min

Lab File: BF142096.D

Acq: 26 Mar 2025 14:36

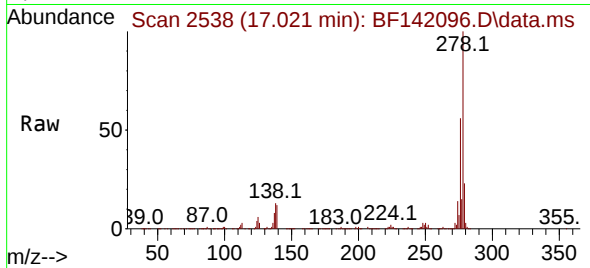
Tgt Ion:252 Resp: 948388
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 9.0 7.8 11.8





#91
 Dibenzo(a,h)anthracene
 Concen: 48.340 ng
 RT: 17.021 min Scan# 2538
 Delta R.T. 0.000 min
 Lab File: BF142096.D
 Acq: 26 Mar 2025 14:36

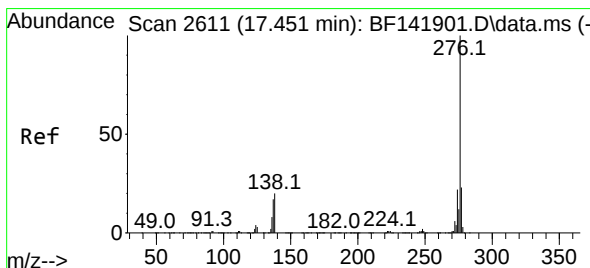
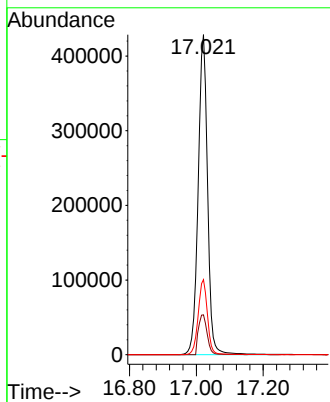
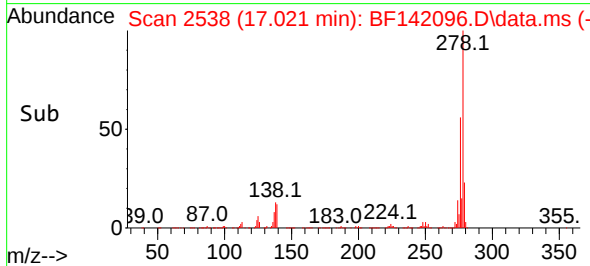
Instrument :
 BNA_F
 ClientSampleId :
 PB167310BS



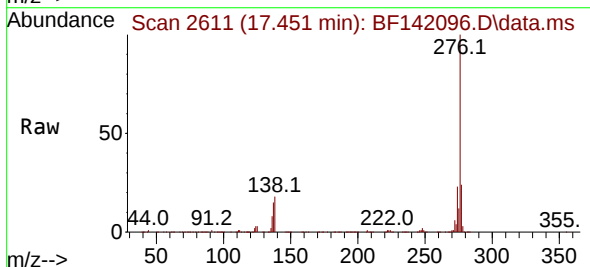
Tgt Ion: 278 Resp: 835579
 Ion Ratio Lower Upper
 278 100
 139 12.5 11.4 17.2
 279 23.5 18.8 28.2

Manual Integrations
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Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025



#92
 Benzo(g,h,i)perylene
 Concen: 44.931 ng
 RT: 17.451 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: BF142096.D
 Acq: 26 Mar 2025 14:36



Tgt Ion: 276 Resp: 767484
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.7 28.1
 138 18.0 15.8 23.8

