

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
 Data File : BP024144.D
 Acq On : 04 Mar 2025 09:37
 Operator : RC/JU
 Sample : SST000585
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0005623

Quant Time: Mar 04 13:42:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 13:32:01 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	260825	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1059991	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.386	164	659913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1399835	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1811012	20.000	ng/ul	0.00
88) Perylene-d12	25.057	264	2172340	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	12892	2.030	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.287	132	78732	4.345	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.893	128	37272	4.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	36089	3.948	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.157	165	67186	4.017	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.792	166	226253	4.620	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	249282	4.489	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.398	176	191821	4.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.304	188	316854	4.603	ng/ul	0.00
81) Pyrene-d10	19.680	212	393059	4.086	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.821	264	507021	4.479	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	13504	2.016	ng/uL	97
12) 2-Chlorophenol	7.322	128	83297	4.455	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.546	70	59934	4.474	ng/ul	98
19) Hexachloroethane	8.816	117	34706	4.684	ng/ul	98
22) Nitrobenzene	8.934	77	88862	4.768	ng/ul	97
23) Isophorone	9.457	82	160581	4.370	ng/ul	99
25) 2-Nitrophenol	9.646	139	41251	4.113	ng/ul	94
26) 2,4-Dimethylphenol	9.710	107	82047	4.477	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.934	93	105911	4.585	ng/ul	98
29) 2,4-Dichlorophenol	10.181	162	72221	4.261	ng/ul	99
30) Naphthalene	10.575	128	278439	4.897	ng/ul	99
33) Hexachlorobutadiene	10.863	225	46749	4.519	ng/ul	98
35) 4-Chloro-3-methylphenol	11.822	107	73102	4.073	ng/ul	95
36) 2-Methylnaphthalene	12.192	142	182944	4.631	ng/ul	95
37) 1-Methylnaphthalene	12.410	142	177479	4.533	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	93505	4.749	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	51643	3.978	ng/ul	98
42) 2,4,5-Trichlorophenol	12.887	196	57204	4.072	ng/ul	96
43) 1,1'-Biphenyl	13.210	154	242619	4.930	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	185865	4.846	ng/ul	99
45) 2-Nitroaniline	13.457	65	42402	4.243	ng/ul	95
47) Dimethylphthalate	13.839	163	228763	4.677	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	38378	4.020	ng/ul	95
50) Acenaphthylene	14.104	152	285019	4.816	ng/ul	99

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

52) Acenaphthene	14.457	153	204039	4.871	ng/ul	99
56) Dibenzofuran	14.798	168	282983	4.864	ng/ul	98
57) 2,4-Dinitrotoluene	14.757	165	58894	4.139	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.028	232	46794	3.959	ng/ul	95
59) Diethylphthalate	15.233	149	225104	4.577	ng/ul	100
61) Fluorene	15.457	166	232214	4.829	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	113220	4.780	ng/ul	99
67) N-Nitrosodiphenylamine	15.675	169	195522	4.562	ng/ul	98
68) 4-Bromophenyl-phenylether	16.369	248	67715	4.274	ng/ul	94
69) Hexachlorobenzene	16.492	284	85992	4.496	ng/ul	98
72) Phenanthrene	17.245	178	388764	4.908	ng/ul	99
74) Anthracene	17.339	178	384891	4.809	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	92139	4.452	ng/uL	98
76) Pentachlorobenzene	14.710	250	98177	4.443	ng/uL	99
78) Di-n-butylphthalate	18.216	149	372270	4.279	ng/ul	99
80) Fluoranthene	19.333	202	463342	4.177	ng/ul	99
82) Pyrene	19.710	202	524048	4.525	ng/ul	98
83) Butylbenzylphthalate	20.657	149	187854	3.736	ng/ul	94
85) Benzo(a)anthracene	21.639	228	566093	4.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	303743	4.105	ng/ul	99
87) Chrysene	21.710	228	541849	4.907	ng/ul	99
90) Benzo(b)fluoranthene	23.980	252	588938	4.491	ng/ul	100
91) Benzo(k)fluoranthene	24.051	252	609591	4.609	ng/ul	99
93) Benzo(a)pyrene	24.892	252	558946	4.556	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.909	276	751754m	4.693	ng/ul	
95) Dibenzo(a,h)anthracene	28.986	278	610308m	4.700	ng/ul	
96) Benzo(g,h,i)perylene	30.092	276	589548	4.812	ng/ul	98

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

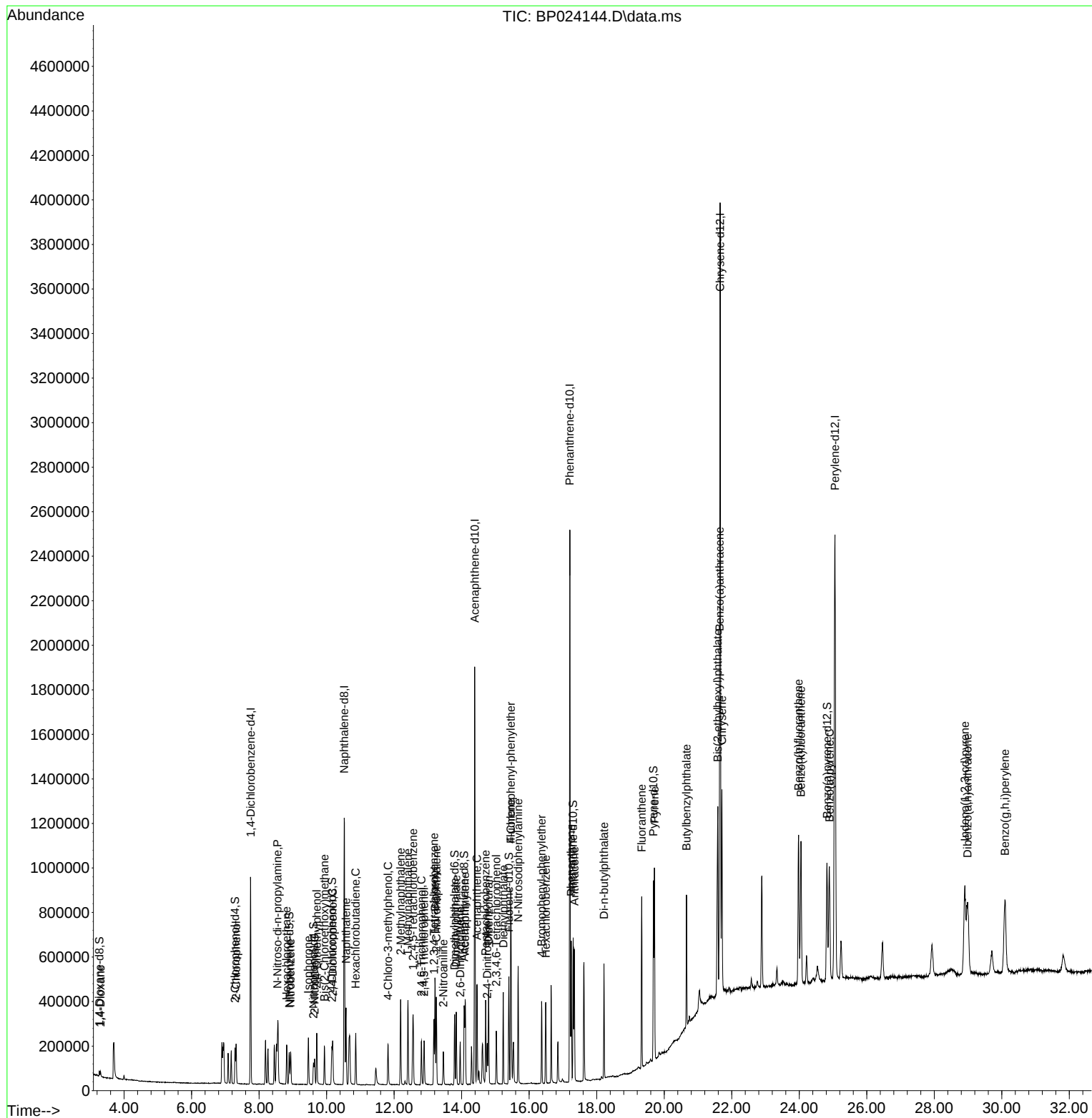
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Data File : BP024144.D
Acq On : 04 Mar 2025 09:37
Operator : RC/JU
Sample : SSTD00585
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ALS Vial : 2 Sample Multiplier: 1

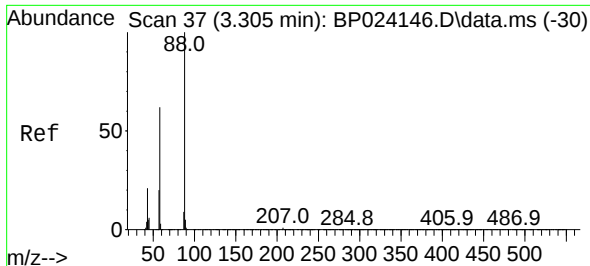
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BNA_P
ClientSampleId :
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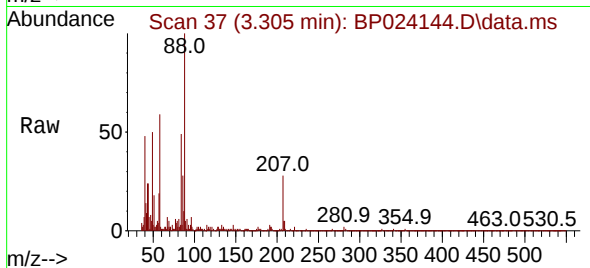
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#2
1,4-Dioxane
Concen: 2.016 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

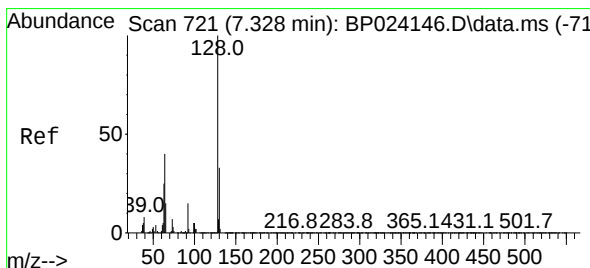
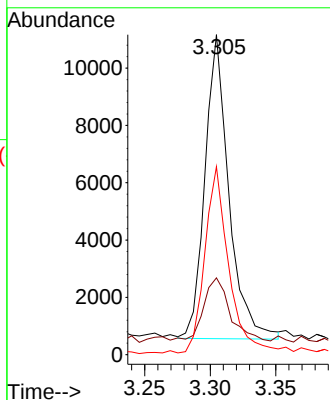
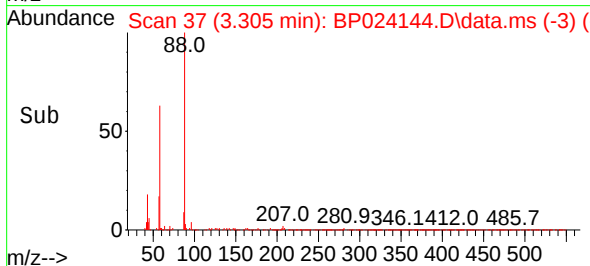
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion: 88 Resp: 13504
Ion Ratio Lower Upper
88 100
43 24.0 17.6 26.4
58 58.7 48.8 73.2

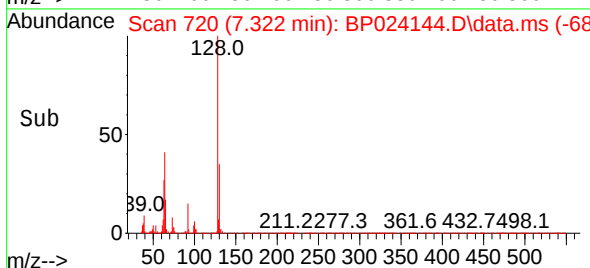
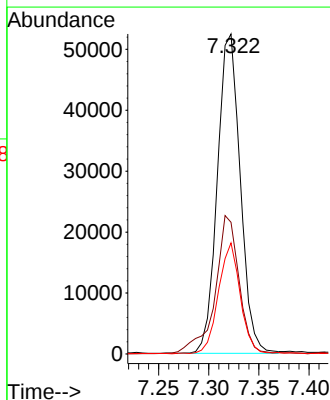
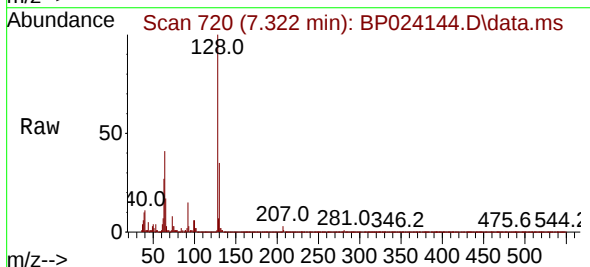
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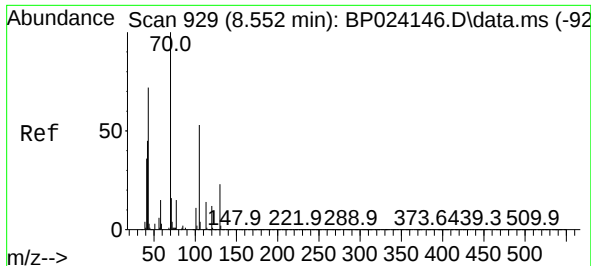
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#12
2-Chlorophenol
Concen: 4.455 ng/uL
RT: 7.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

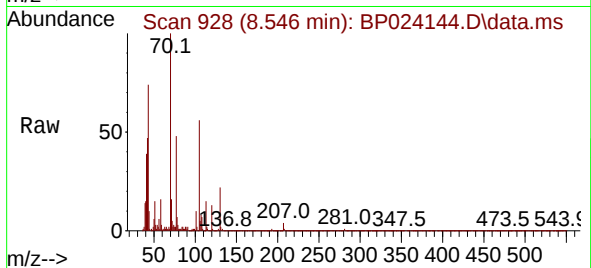
Tgt Ion:128 Resp: 83297
Ion Ratio Lower Upper
128 100
64 41.2 33.4 50.0
130 34.7 26.5 39.7





#17
N-Nitroso-di-n-propylamine
Concen: 4.474 ng/ul
RT: 8.546 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

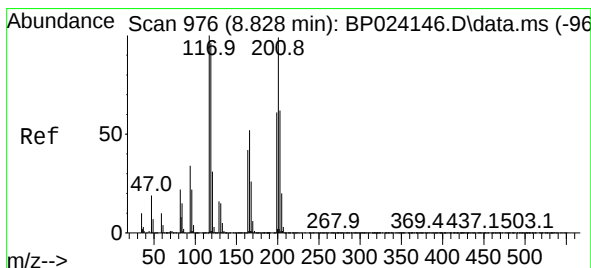
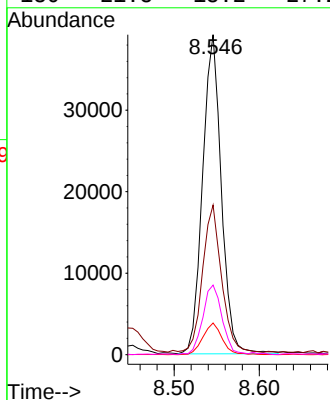
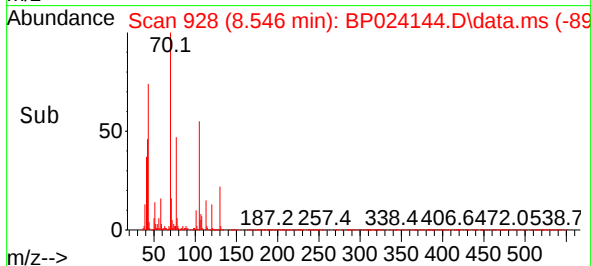
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 70 Resp: 59934
Ion Ratio Lower Upper
70 100
42 46.8 36.2 54.2
101 9.9 8.6 12.8
130 21.8 18.2 27.2

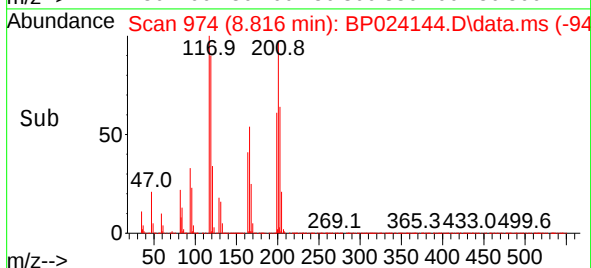
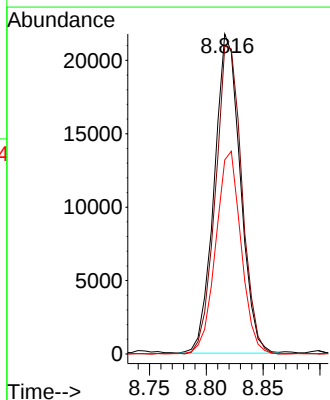
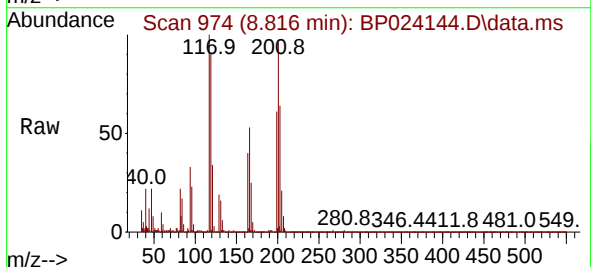
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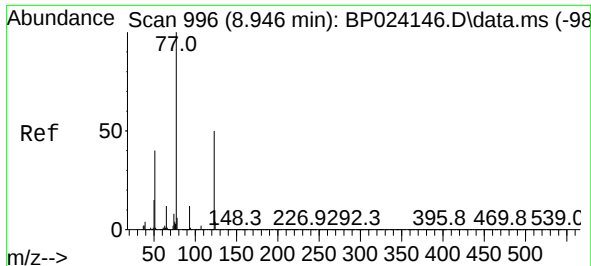
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#19
Hexachloroethane
Concen: 4.684 ng/ul
RT: 8.816 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

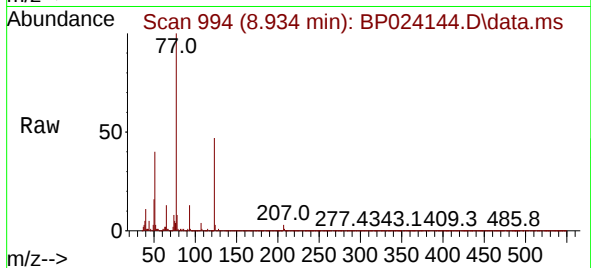
Tgt Ion:117 Resp: 34706
Ion Ratio Lower Upper
117 100
201 96.3 79.2 118.8
199 60.6 48.6 73.0





#22
Nitrobenzene
Concen: 4.768 ng/ul
RT: 8.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

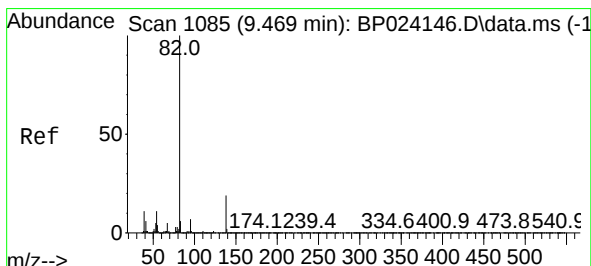
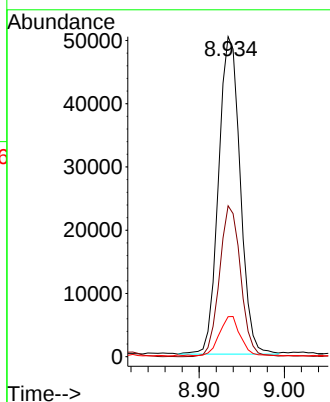
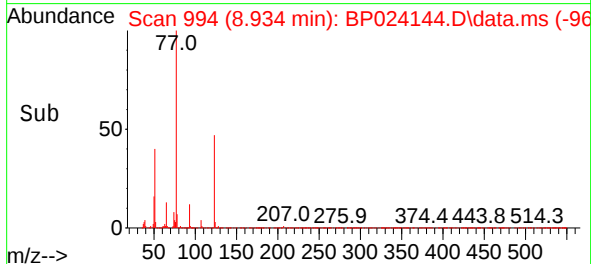
Instrument :
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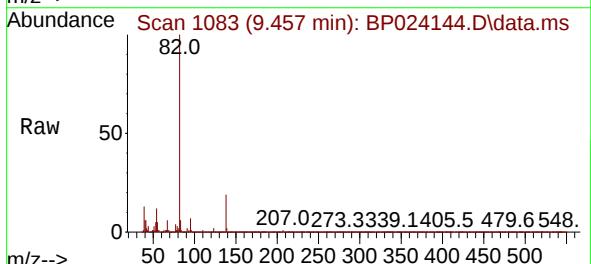
Tgt Ion: 77 Resp: 88862
Ion Ratio Lower Upper
77 100
123 47.2 39.7 59.5
65 12.5 9.8 14.8

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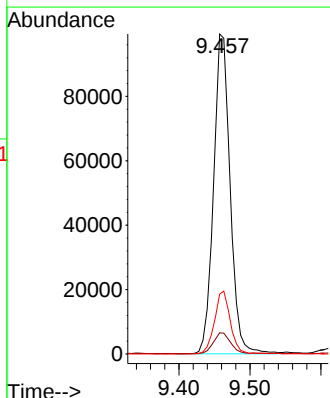
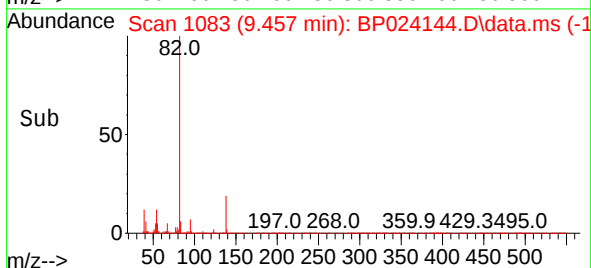
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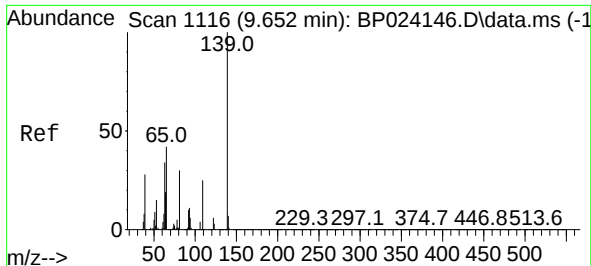


#23
Isophorone
Concen: 4.370 ng/ul
RT: 9.457 min Scan# 1083
Delta R.T. -0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37



Tgt Ion: 82 Resp: 160581
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.7 15.4 23.0





#25

2-Nitrophenol

Concen: 4.113 ng/ul

RT: 9.646 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

Tgt Ion:139 Resp: 4125

Ion Ratio Lower Upper

139 100

65 46.0 34.1 51.1

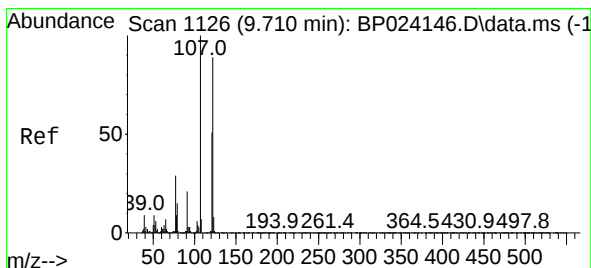
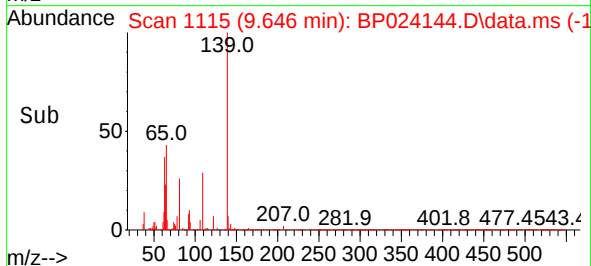
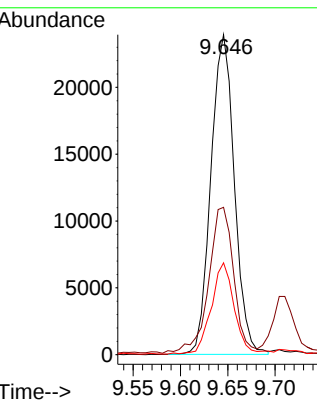
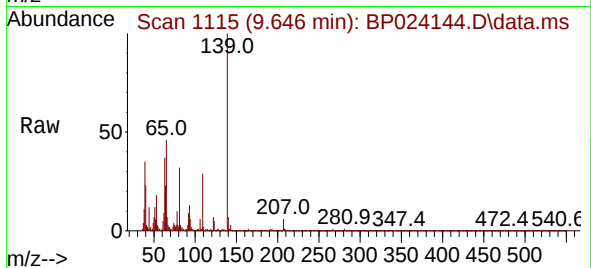
109 28.7 20.1 30.1

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#26

2,4-Dimethylphenol

Concen: 4.477 ng/ul

RT: 9.710 min Scan# 1126

Delta R.T. -0.000 min

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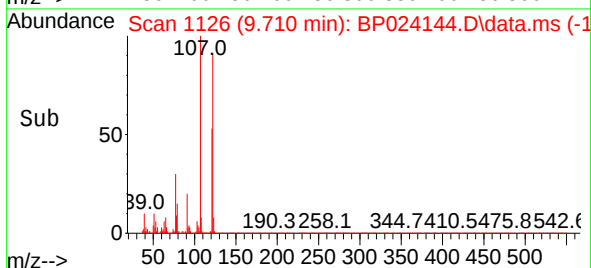
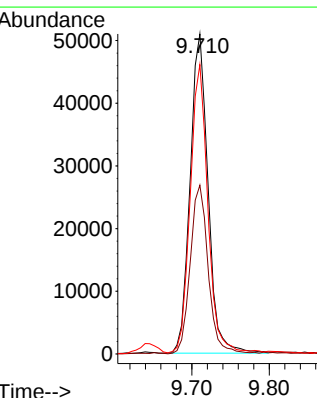
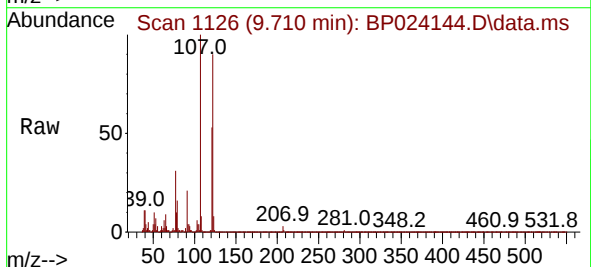
Tgt Ion:107 Resp: 82047

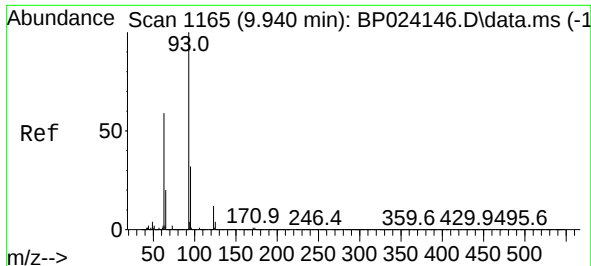
Ion Ratio Lower Upper

107 100

121 52.8 40.6 60.8

122 90.4 71.4 107.0





#27

Bis(2-Chloroethoxy)methane

Concen: 4.585 ng/ul

RT: 9.934 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BP024144.D

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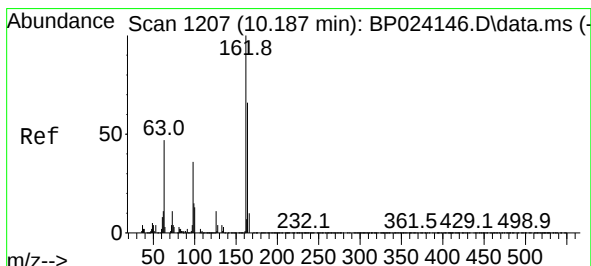
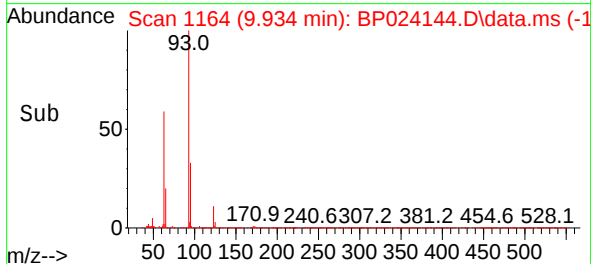
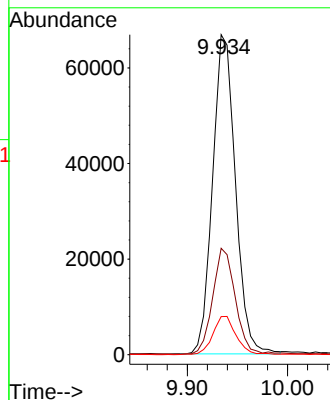
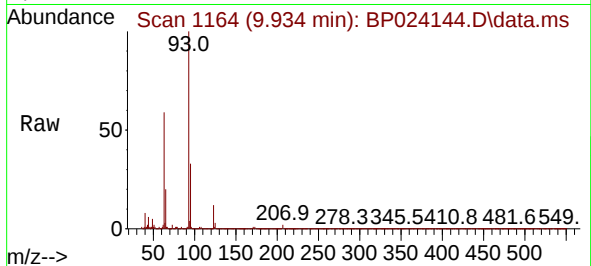
Tgt Ion: 93	Resp: 10591
Ion Ratio	Lower Upper
93	100
95	33.3 25.3 37.9
123	11.9 9.5 14.3

Manual Integrations

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#29

2,4-Dichlorophenol

Concen: 4.261 ng/ul

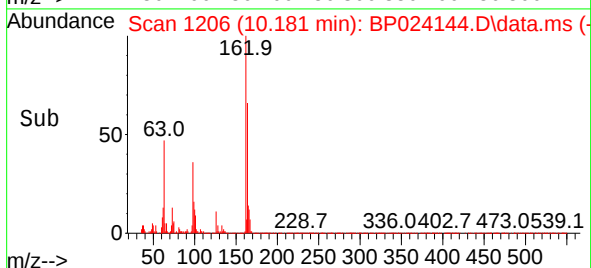
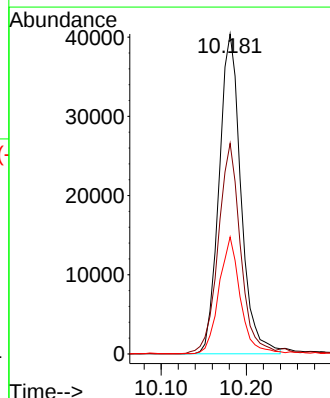
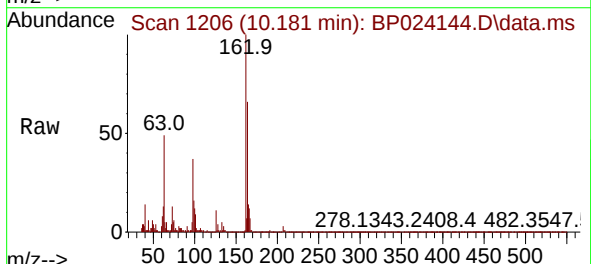
RT: 10.181 min Scan# 1206

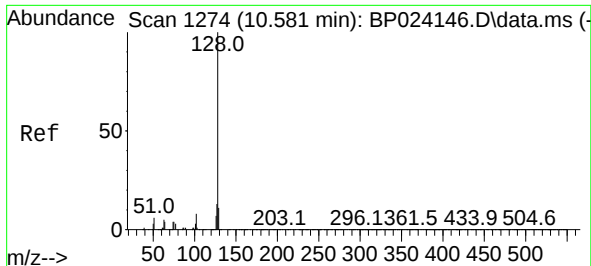
Delta R.T. -0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

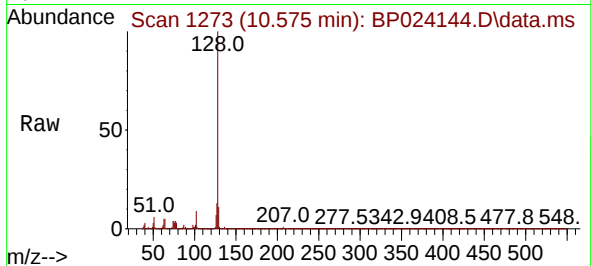
Tgt Ion:162	Resp: 72221
Ion Ratio	Lower Upper
162	100
164	65.8 52.6 79.0
98	36.5 28.5 42.7





#30
Naphthalene
Concen: 4.897 ng/ul
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

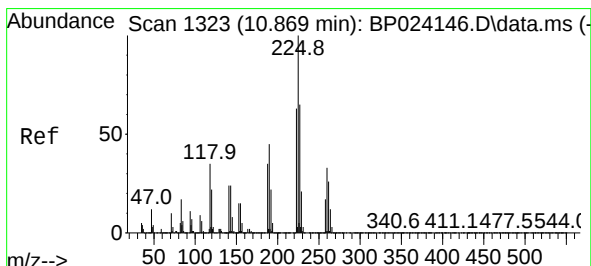
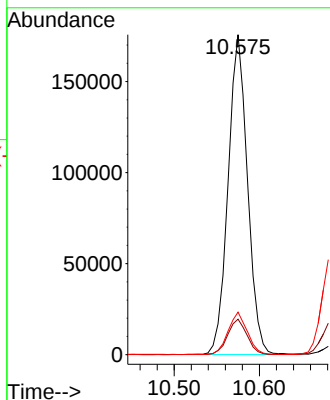
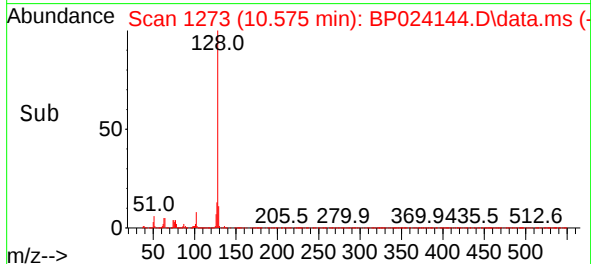
Instrument :
BNA_P
Client Sample Id :
SSTD005623



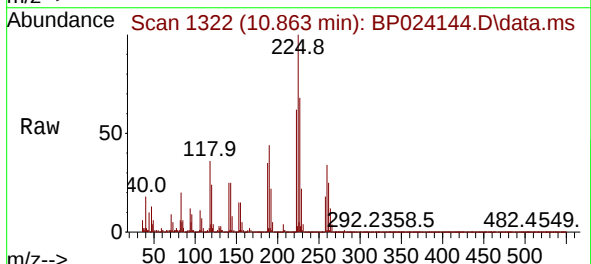
Tgt Ion:128 Resp: 278439
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.3 15.5

Manual Integrations
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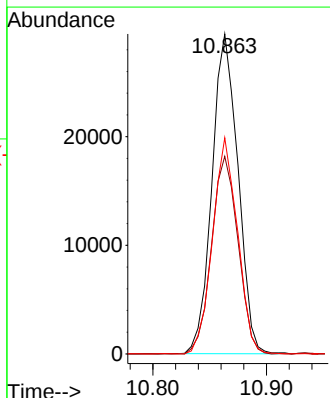
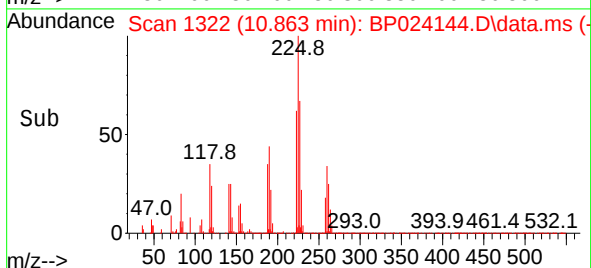
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

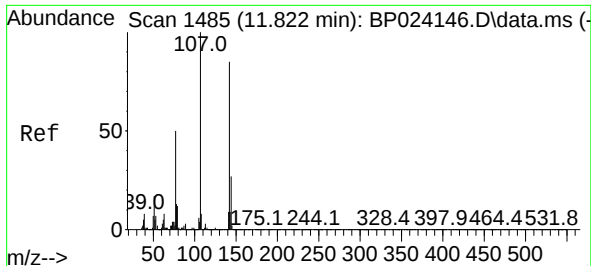


#33
Hexachlorobutadiene
Concen: 4.519 ng/ul
RT: 10.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37



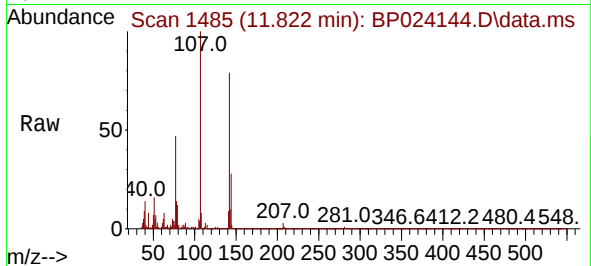
Tgt Ion:225 Resp: 46749
Ion Ratio Lower Upper
225 100
223 61.8 50.2 75.4
227 67.6 52.2 78.2





#35
4-Chloro-3-methylphenol
Concen: 4.073 ng/ul
RT: 11.822 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

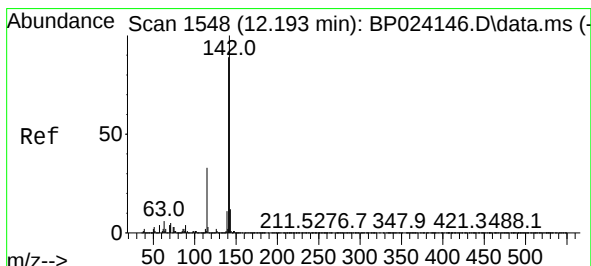
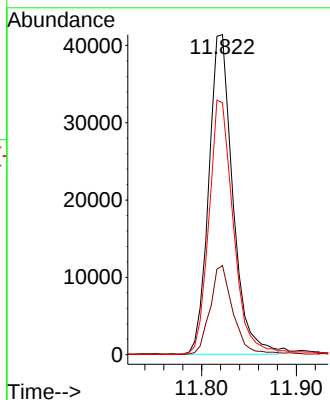
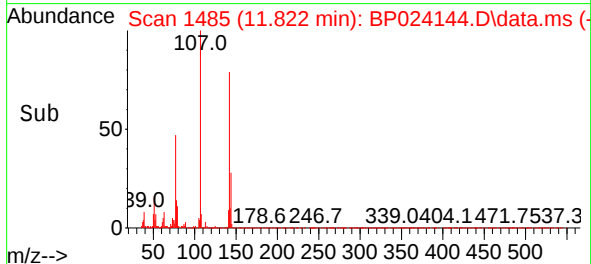
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion:107 Resp: 73102
Ion Ratio Lower Upper
107 100
144 27.8 21.8 32.6
142 78.7 67.8 101.6

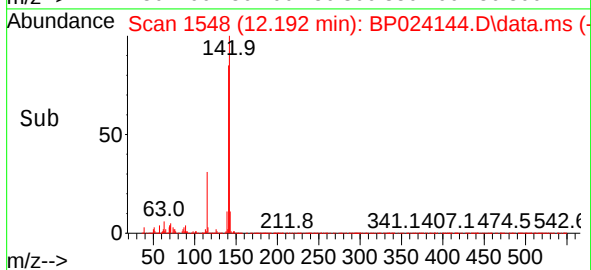
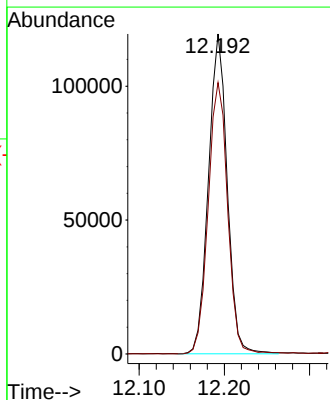
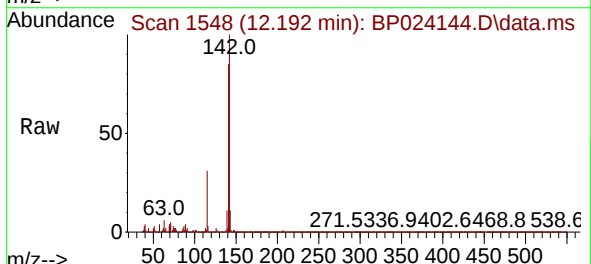
Manual Integrations
APPROVED

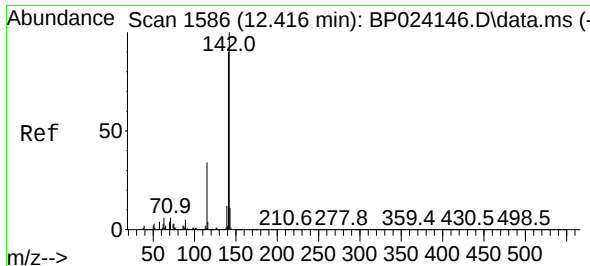
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#36
2-Methylnaphthalene
Concen: 4.631 ng/ul
RT: 12.192 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

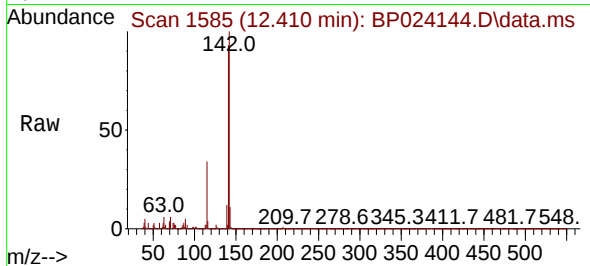
Tgt Ion:142 Resp: 182944
Ion Ratio Lower Upper
142 100
141 84.8 71.3 106.9





#37
1-Methylnaphthalene
Concen: 4.533 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

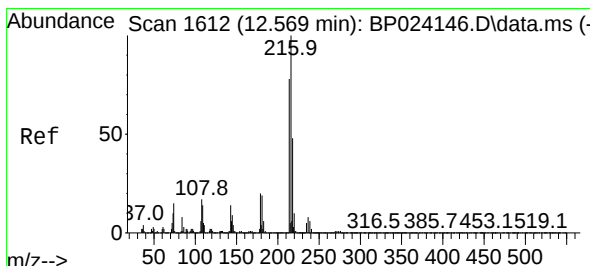
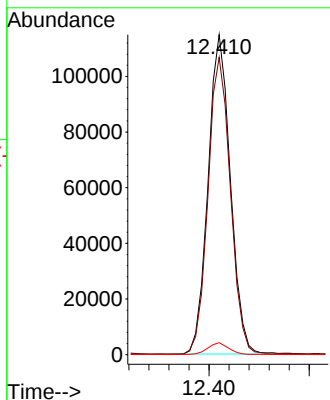
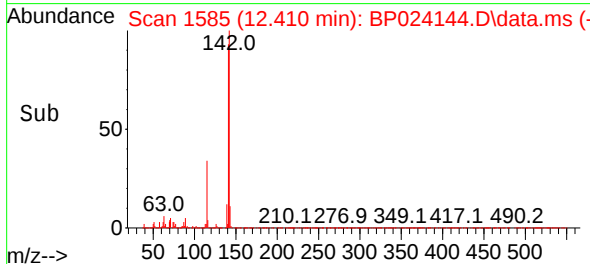
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion:142 Resp: 177479
Ion Ratio Lower Upper
142 100
141 92.9 72.4 108.6
116 3.8 2.8 4.2

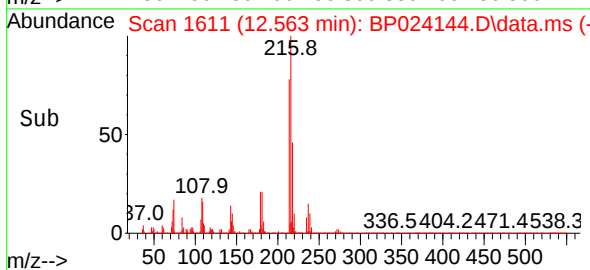
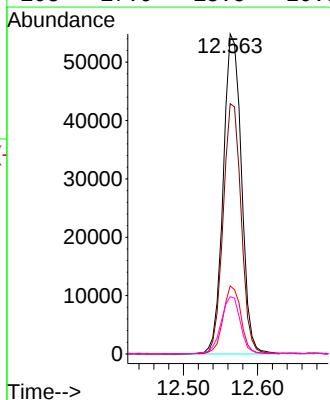
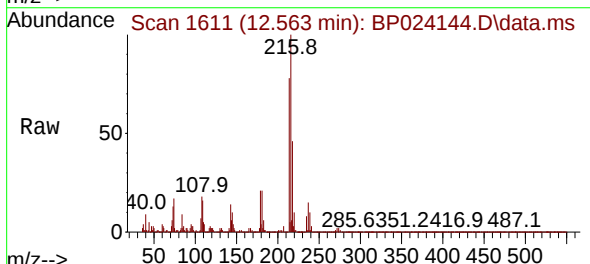
Manual Integrations
APPROVED

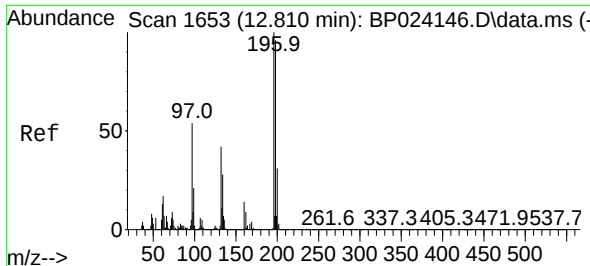
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.749 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Tgt Ion:216 Resp: 93505
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 21.3 16.2 24.2
108 17.9 13.5 20.3





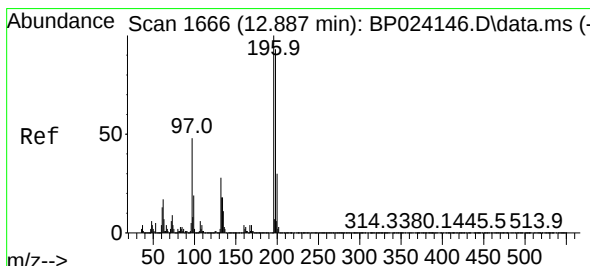
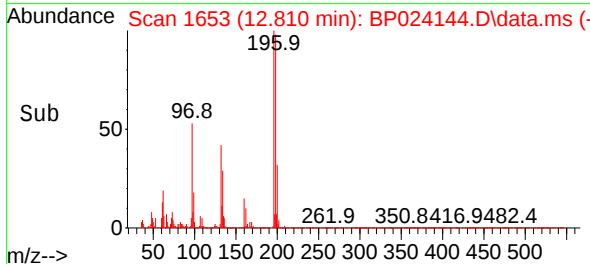
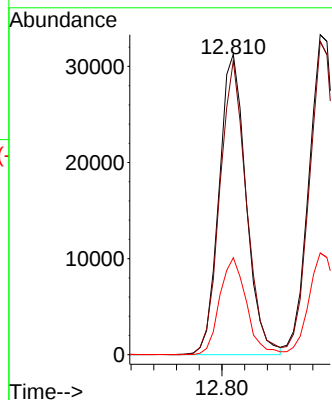
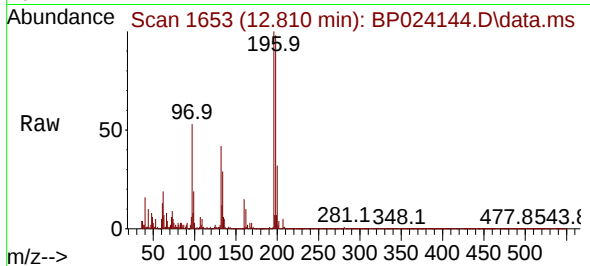
#41
2,4,6-Trichlorophenol
Concen: 3.978 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTD005623

Tgt Ion:196 Resp: 5164
Ion Ratio Lower Upper
196 100
198 97.9 77.0 115.6
200 32.3 24.8 37.2

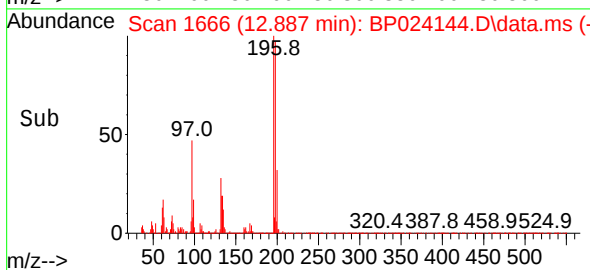
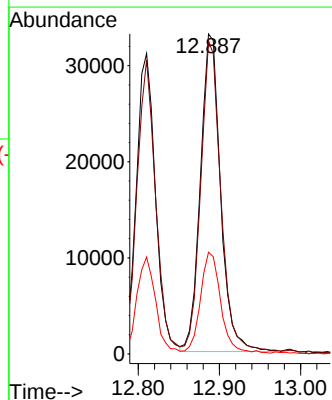
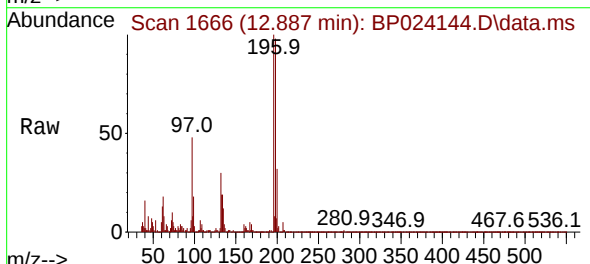
Manual Integrations
APPROVED

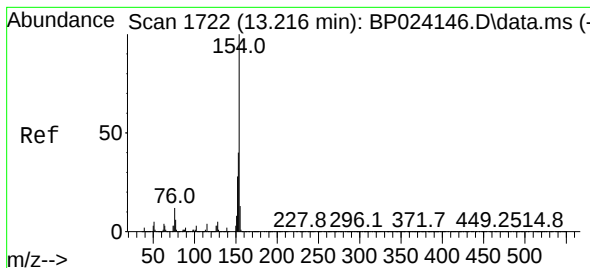
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#42
2,4,5-Trichlorophenol
Concen: 4.072 ng/ul
RT: 12.887 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Tgt Ion:196 Resp: 57204
Ion Ratio Lower Upper
196 100
198 97.9 74.7 112.1
200 31.8 24.2 36.2





#43

1,1'-Biphenyl

Concen: 4.930 ng/ul

RT: 13.210 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

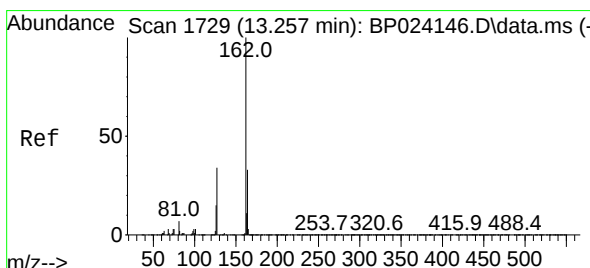
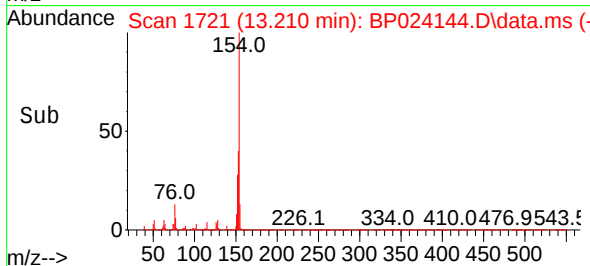
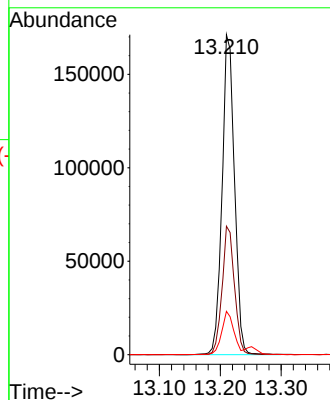
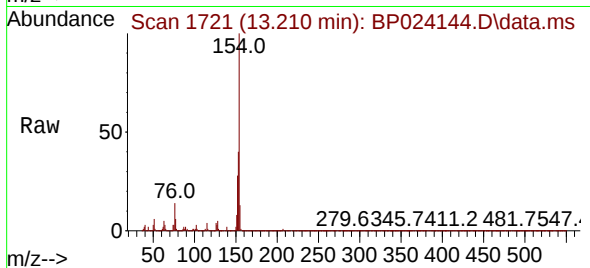
Tgt Ion:154	Resp: 242619
Ion Ratio	Lower Upper
154 100	
153 40.1	31.9 47.9
76 13.5	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#44

2-Chloronaphthalene

Concen: 4.846 ng/ul

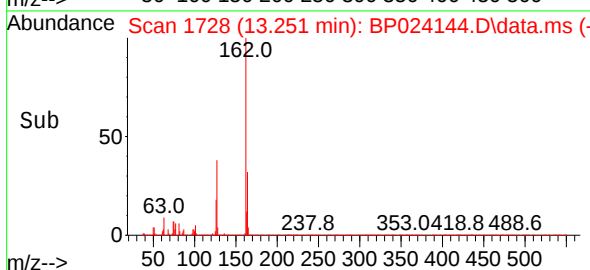
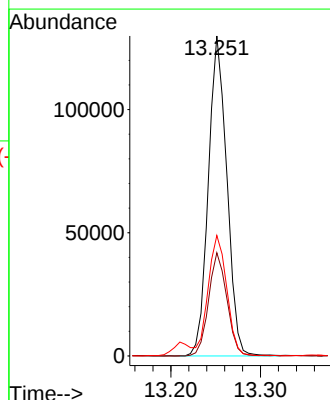
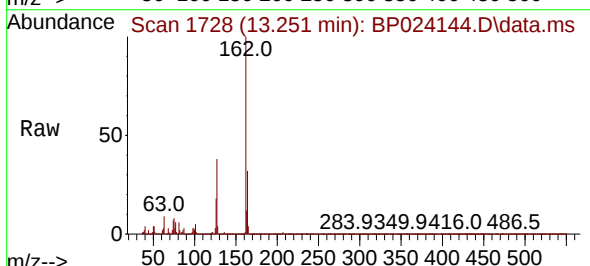
RT: 13.251 min Scan# 1728

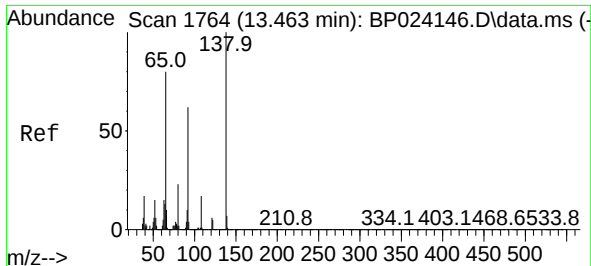
Delta R.T. -0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

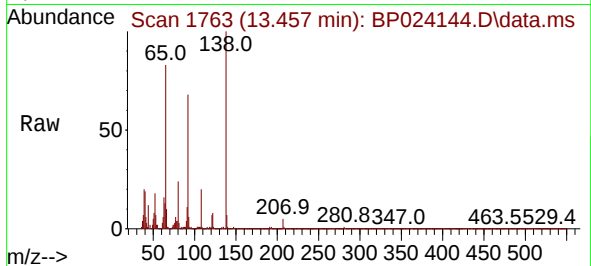
Tgt Ion:162	Resp: 185865
Ion Ratio	Lower Upper
162 100	
164 32.3	26.3 39.5
127 37.6	30.5 45.7





#45
2-Nitroaniline
Concen: 4.243 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

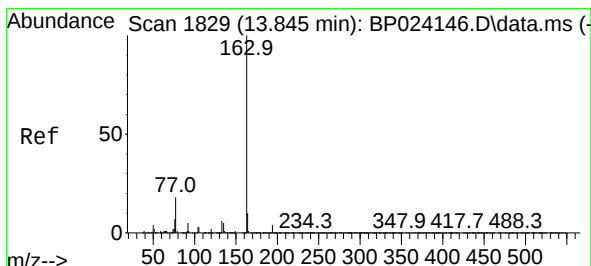
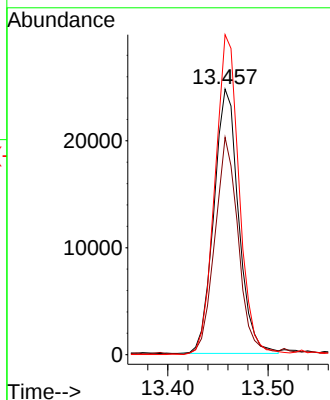
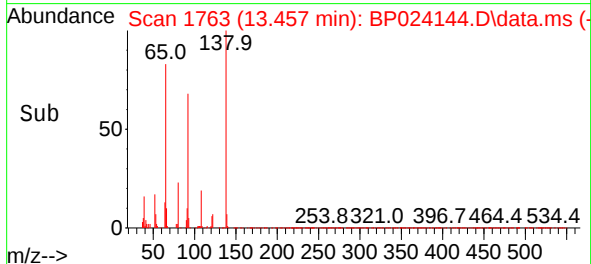
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion: 65 Resp: 42402
Ion Ratio Lower Upper
65 100
92 81.8 62.1 93.1
138 120.4 100.5 150.7

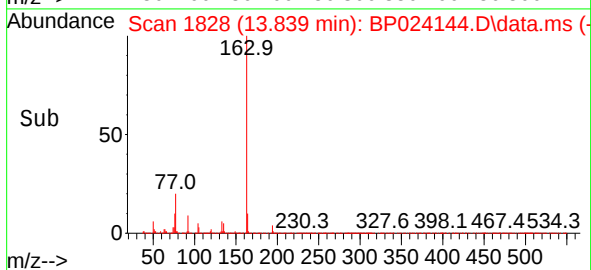
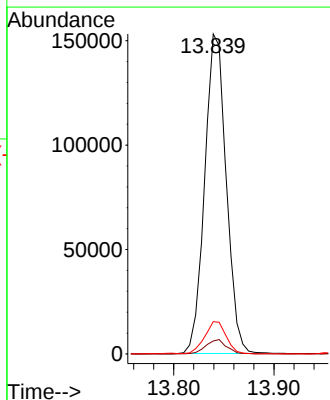
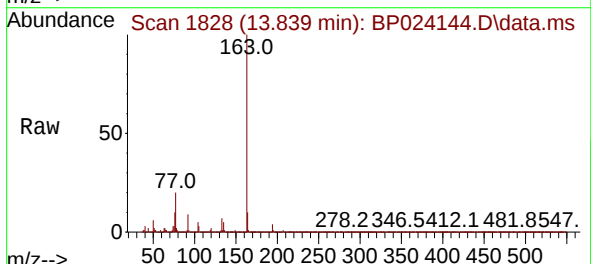
Manual Integrations
APPROVED

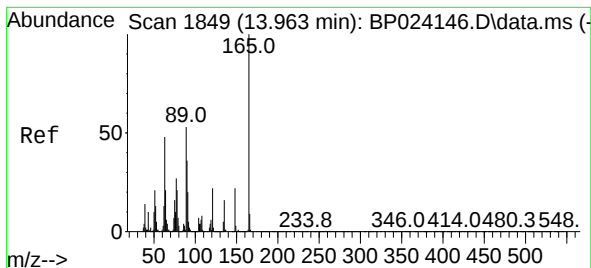
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#47
Dimethylphthalate
Concen: 4.677 ng/ul
RT: 13.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

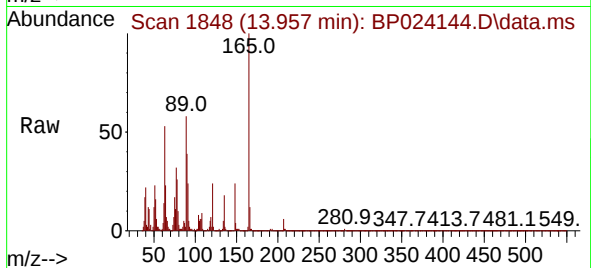
Tgt Ion:163 Resp: 228763
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.1 8.2 12.2





#48
2,6-Dinitrotoluene
Concen: 4.020 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

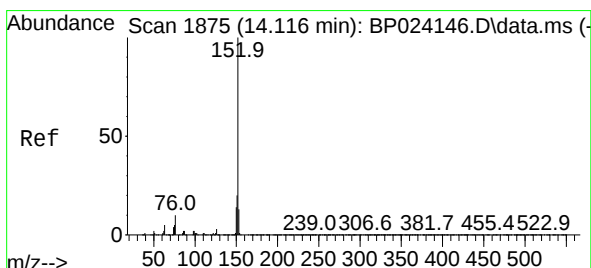
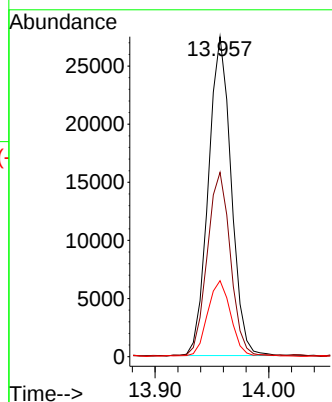
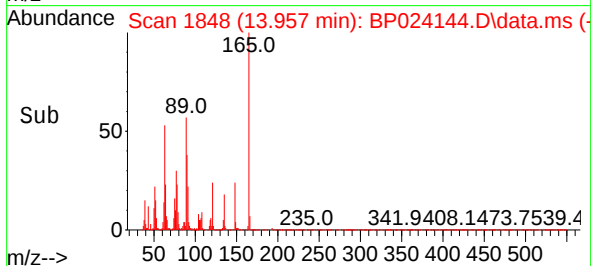
Instrument :
BNA_P
ClientSampleId :
SSTD005623



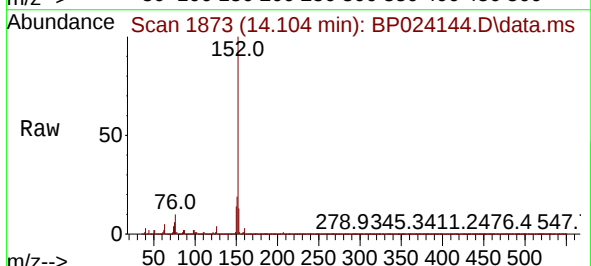
Tgt Ion:165 Resp: 38378
Ion Ratio Lower Upper
165 100
89 57.6 42.6 63.8
121 23.8 17.7 26.5

Manual Integrations
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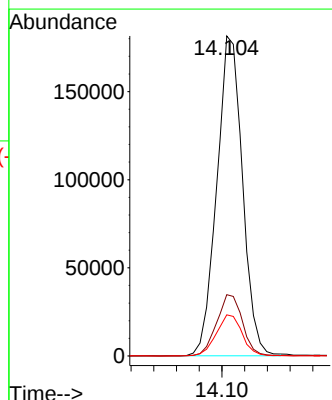
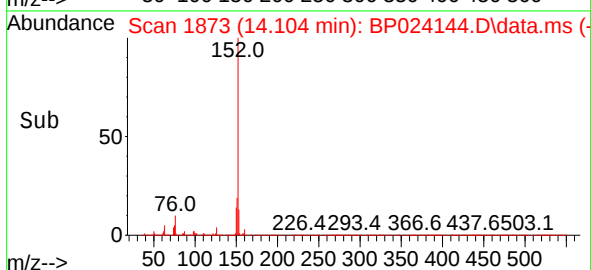
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

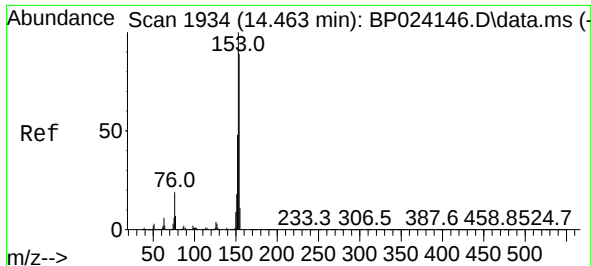


#50
Acenaphthylene
Concen: 4.816 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37



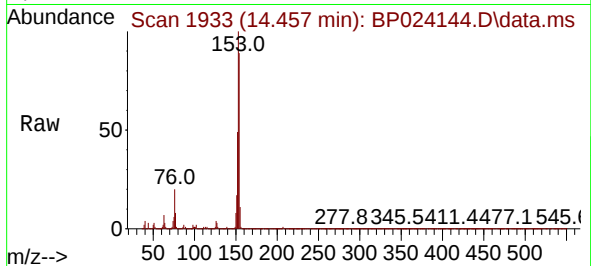
Tgt Ion:152 Resp: 285019
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 12.8 10.5 15.7





#52
Acenaphthene
Concen: 4.871 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

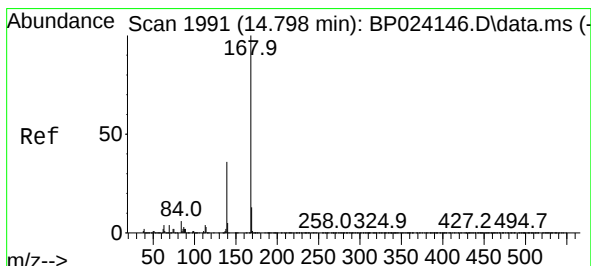
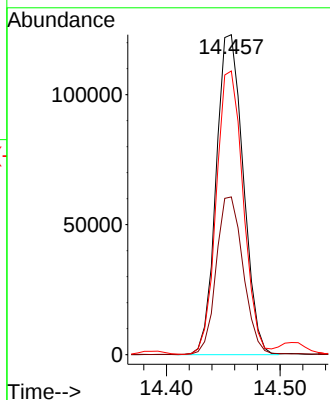
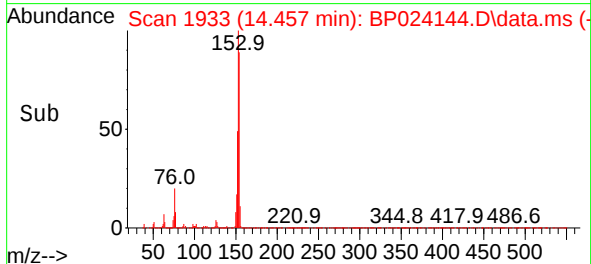
Instrument :
BNA_P
ClientSampleId :
SSTD005623



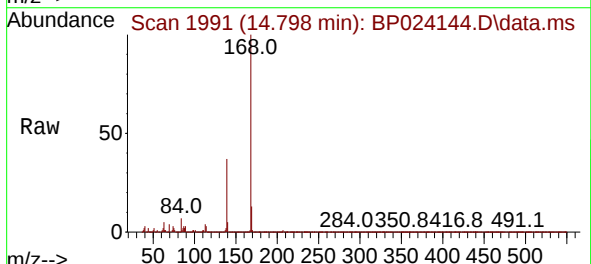
Tgt Ion:153 Resp: 204039
Ion Ratio Lower Upper
153 100
152 49.3 38.2 57.4
154 88.6 71.0 106.6

Manual Integrations
APPROVED

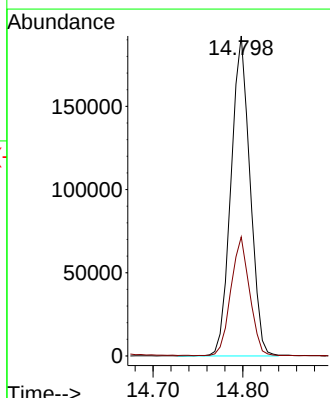
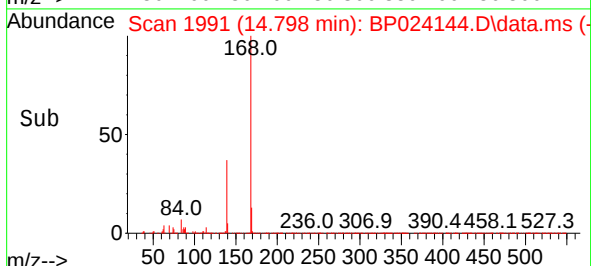
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

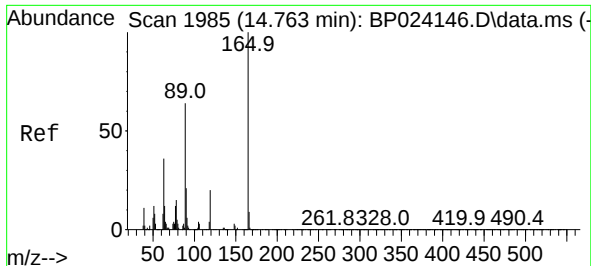


#56
Dibenzofuran
Concen: 4.864 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37



Tgt Ion:168 Resp: 282983
Ion Ratio Lower Upper
168 100
139 37.2 28.9 43.3





#57
2,4-Dinitrotoluene
Concen: 4.139 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

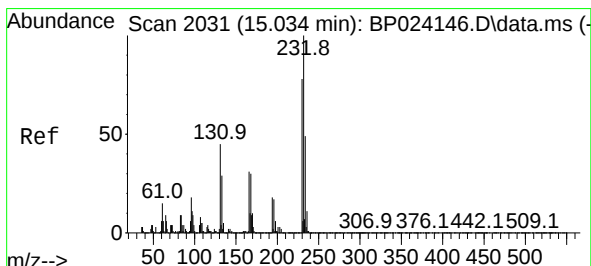
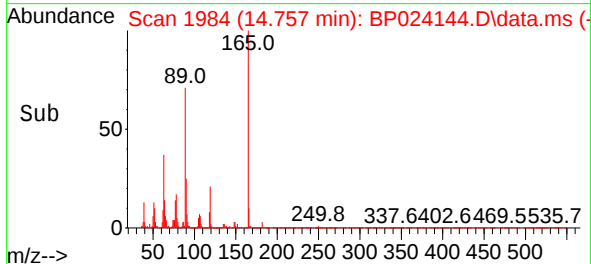
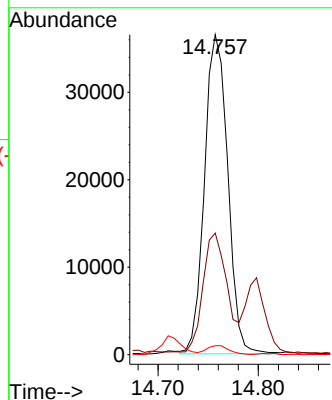
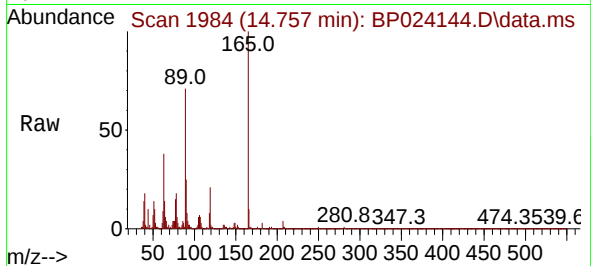
SSTD005623

Tgt Ion:165 Resp: 58894
Ion Ratio Lower Upper
165 100
63 38.0 28.7 43.1
182 2.8 2.2 3.2

Manual Integrations

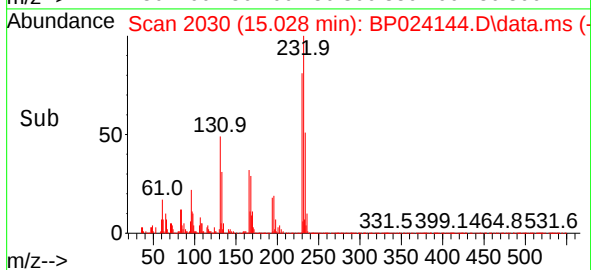
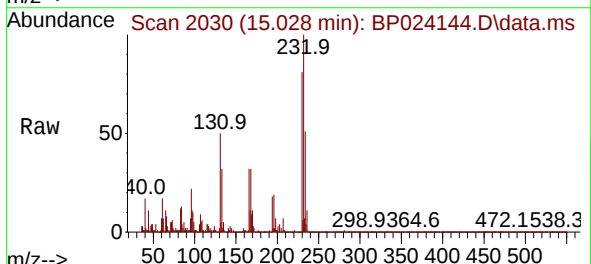
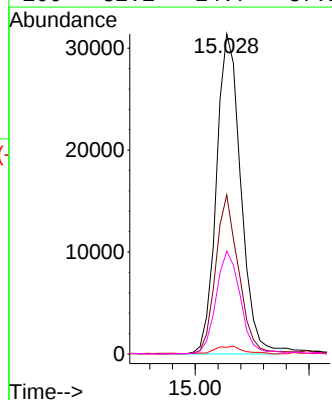
APPROVED

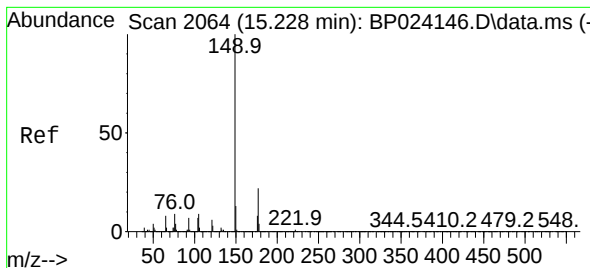
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.959 ng/ul
RT: 15.028 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Tgt Ion:232 Resp: 46794
Ion Ratio Lower Upper
232 100
131 49.7 36.1 54.1
130 2.1 1.8 2.8
166 32.1 24.7 37.1





#59

Diethylphthalate

Concen: 4.577 ng/ul

RT: 15.233 min Scan# 2064

Delta R.T. 0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

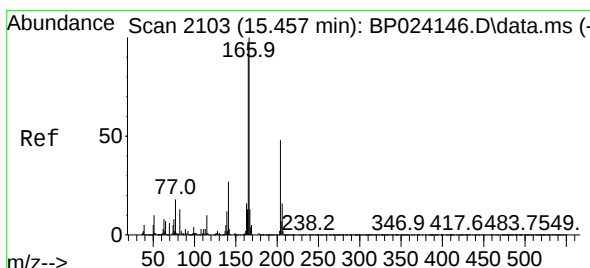
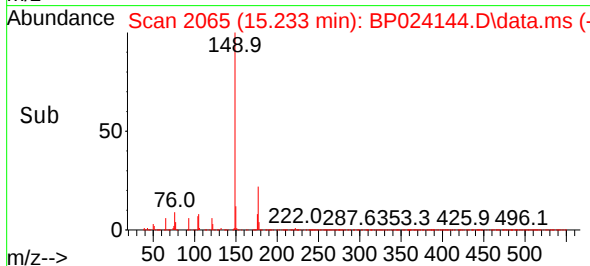
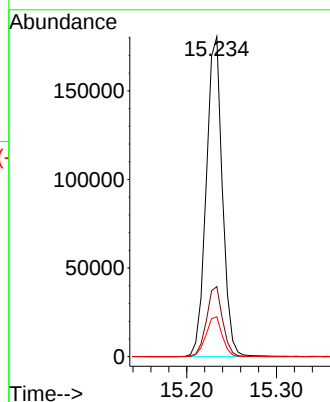
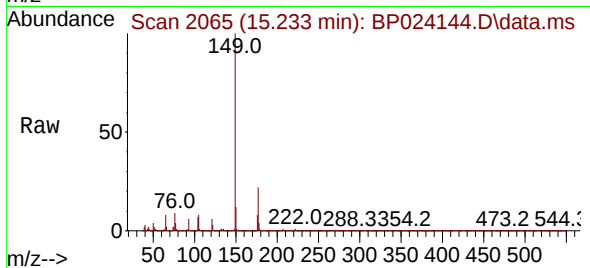
Tgt Ion:149 Resp: 225104
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.7 26.5
 150 12.4 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#61

Fluorene

Concen: 4.829 ng/ul

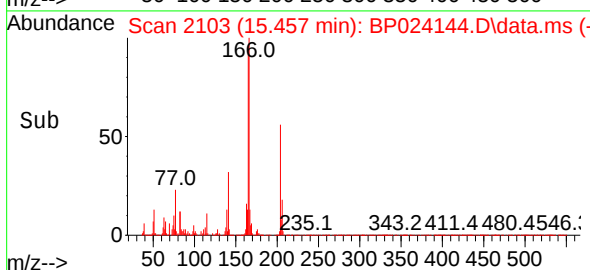
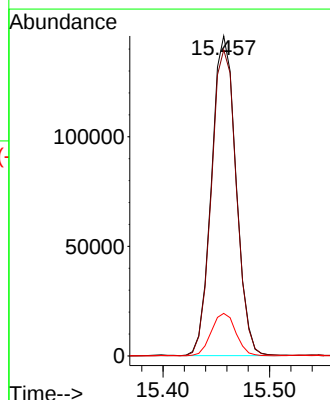
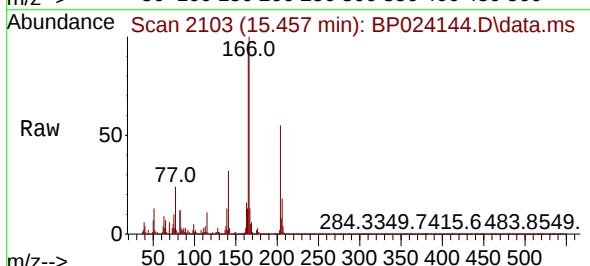
RT: 15.457 min Scan# 2103

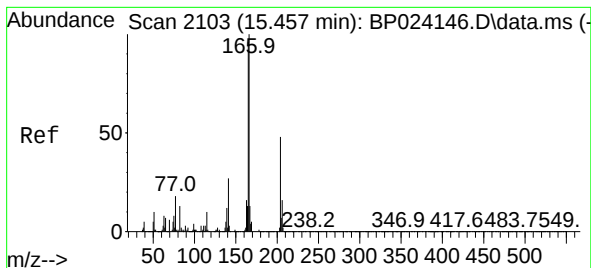
Delta R.T. -0.000 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

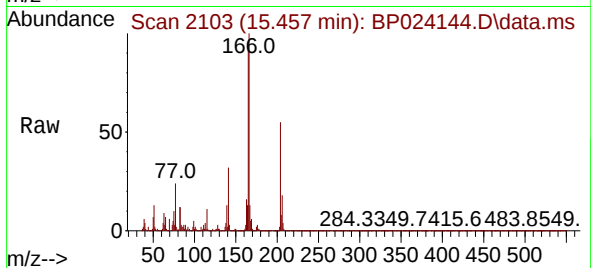
Tgt Ion:166 Resp: 232214
 Ion Ratio Lower Upper
 166 100
 165 95.7 77.1 115.7
 167 13.3 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 4.780 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

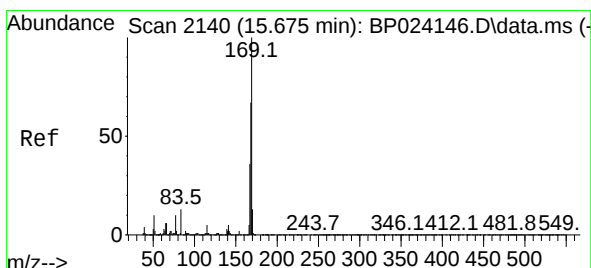
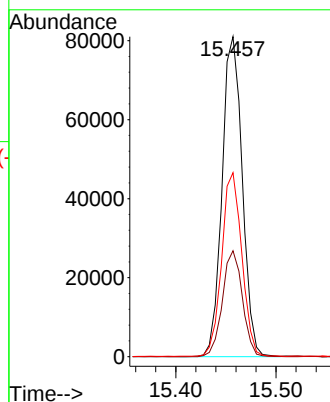
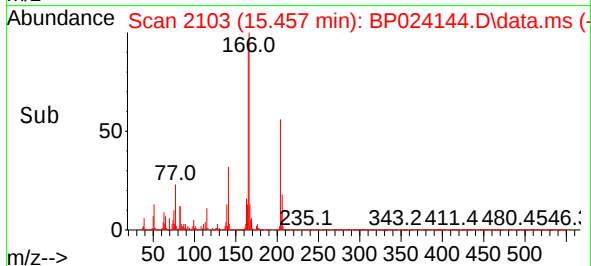
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion:204 Resp: 113220
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 57.5 45.1 67.7

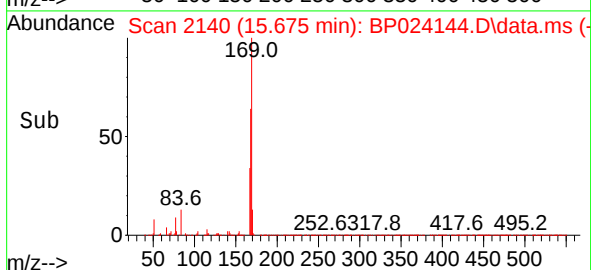
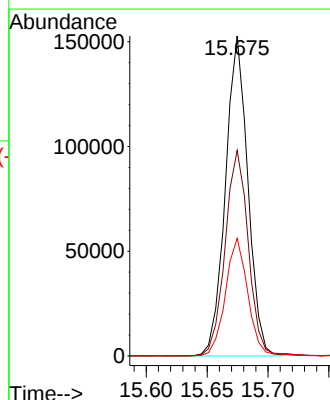
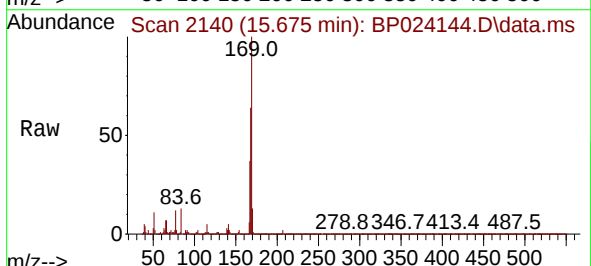
Manual Integrations
APPROVED

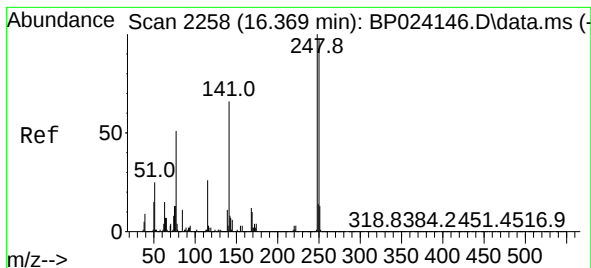
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#67
N-Nitrosodiphenylamine
Concen: 4.562 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

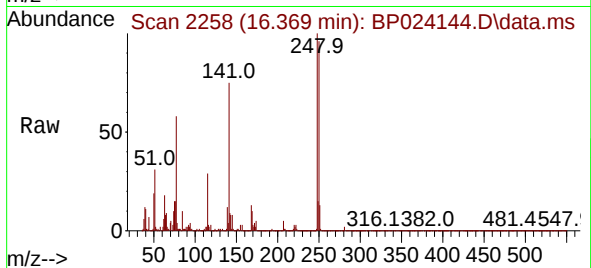
Tgt Ion:169 Resp: 195522
Ion Ratio Lower Upper
169 100
168 64.3 53.4 80.0
167 36.8 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 4.274 ng/ul
RT: 16.369 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

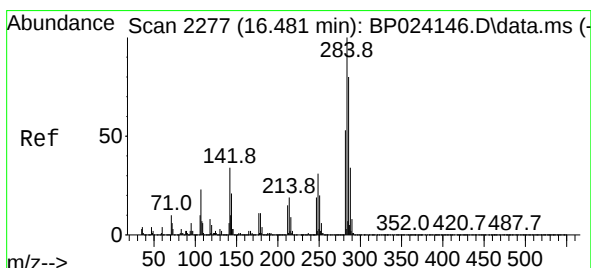
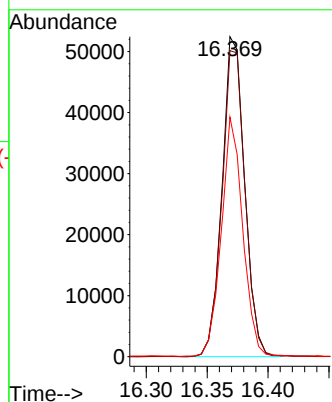
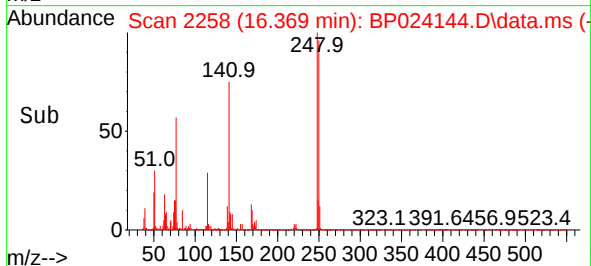
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion:248 Resp: 67715
Ion Ratio Lower Upper
248 100
250 95.7 77.9 116.9
141 74.9 52.9 79.3

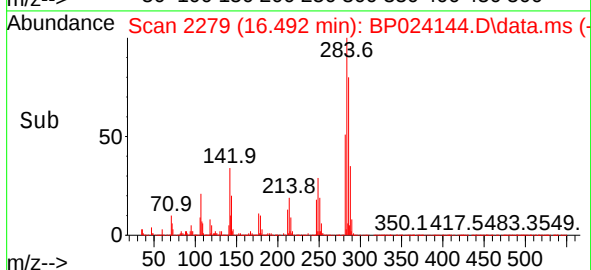
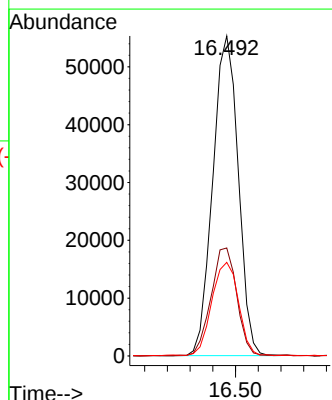
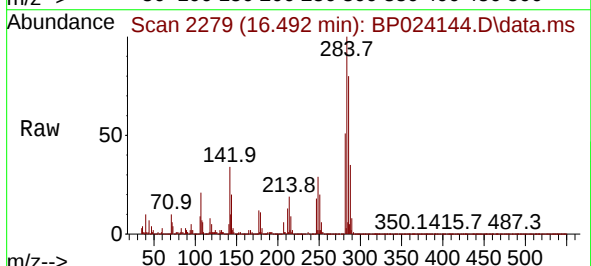
Manual Integrations
APPROVED

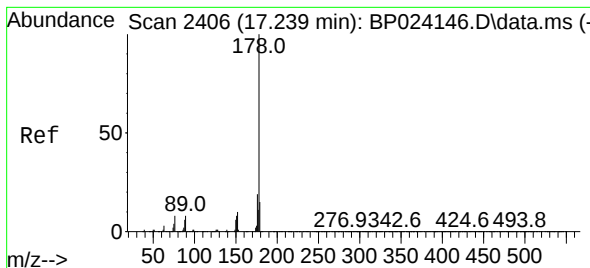
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#69
Hexachlorobenzene
Concen: 4.496 ng/ul
RT: 16.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Tgt Ion:284 Resp: 85992
Ion Ratio Lower Upper
284 100
142 33.8 27.7 41.5
249 29.2 24.9 37.3





#72

Phenanthrene

Concen: 4.908 ng/ul

RT: 17.245 min Scan# 2406

Delta R.T. 0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

Tgt Ion:178 Resp: 388764

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

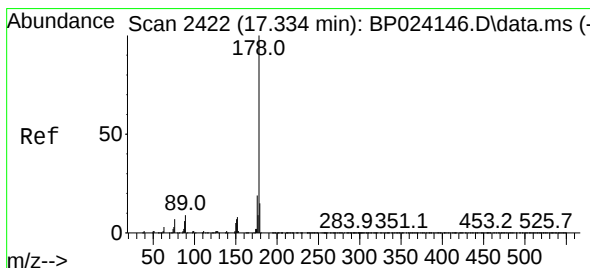
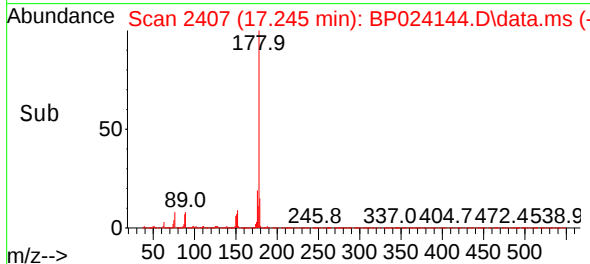
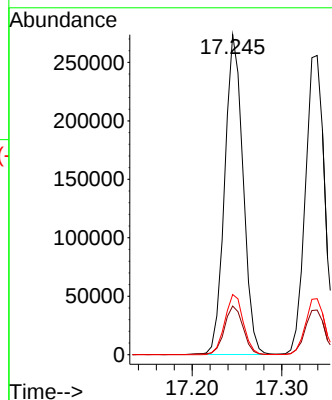
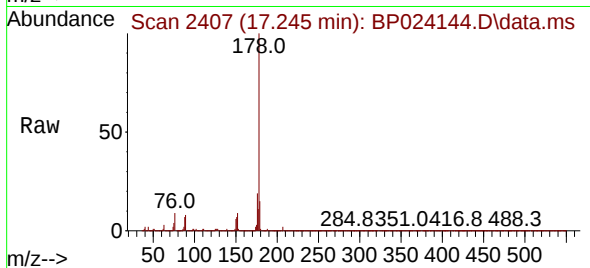
176 18.8 15.4 23.2

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Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#74

Anthracene

Concen: 4.809 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

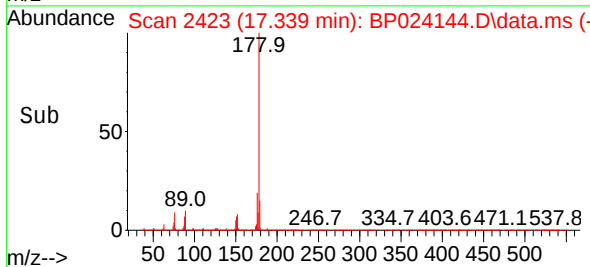
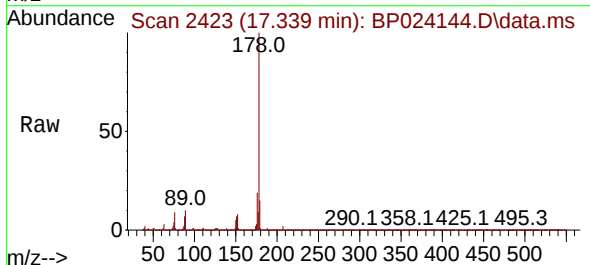
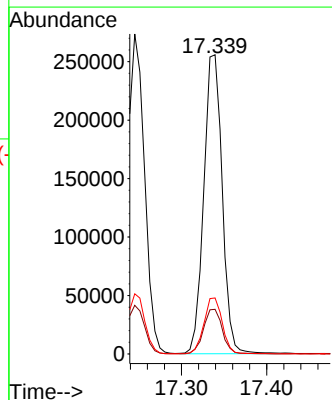
Tgt Ion:178 Resp: 384891

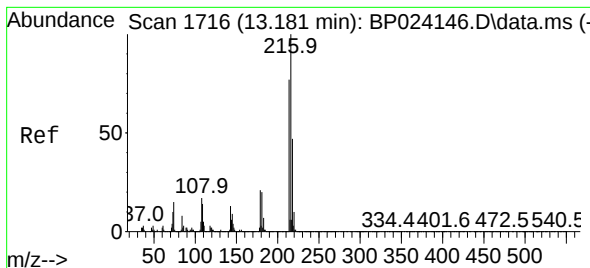
Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 18.7 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.452 ng/uL

RT: 13.181 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

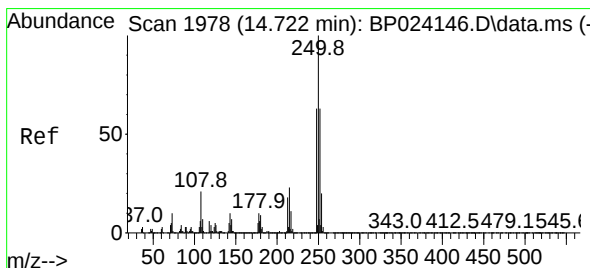
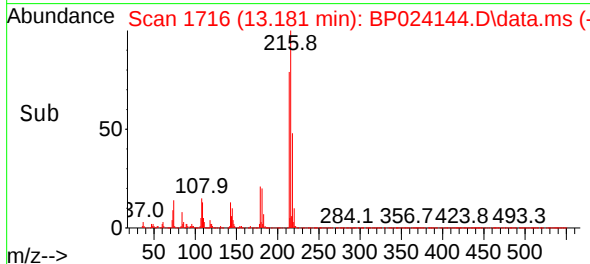
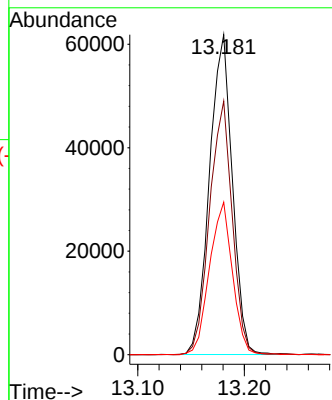
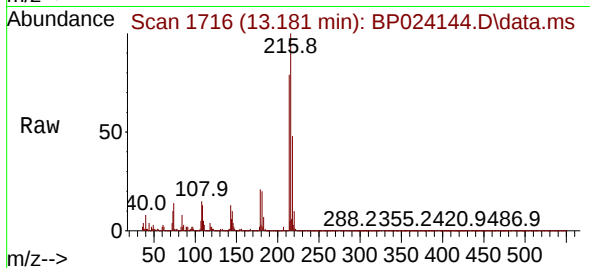
Tgt Ion:	216	Resp:	92139
Ion Ratio	Lower	Upper	
216	100		
214	79.3	61.4	92.0
218	47.7	37.8	56.6

Manual Integrations

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Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#76

Pentachlorobenzene

Concen: 4.443 ng/uL

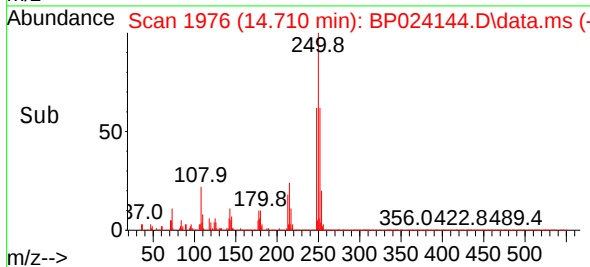
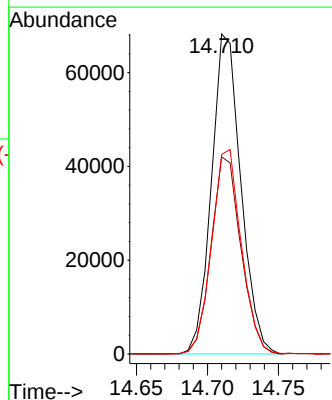
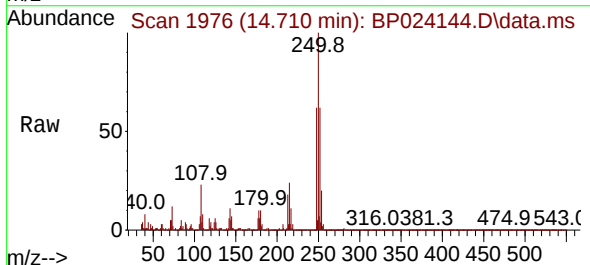
RT: 14.710 min Scan# 1976

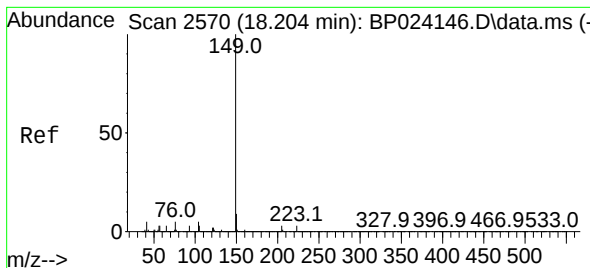
Delta R.T. -0.012 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

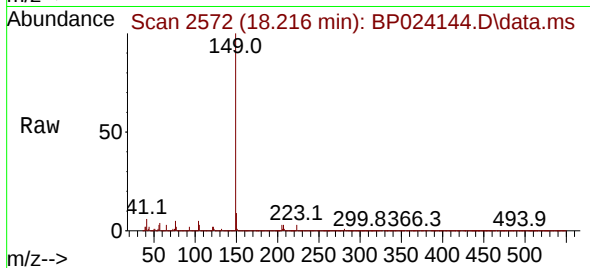
Tgt Ion:	250	Resp:	98177
Ion Ratio	Lower	Upper	
250	100		
248	61.6	50.2	75.4
252	62.4	50.7	76.1





#78
Di-n-butylphthalate
Concen: 4.279 ng/ul
RT: 18.216 min Scan# 2572
Delta R.T. 0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

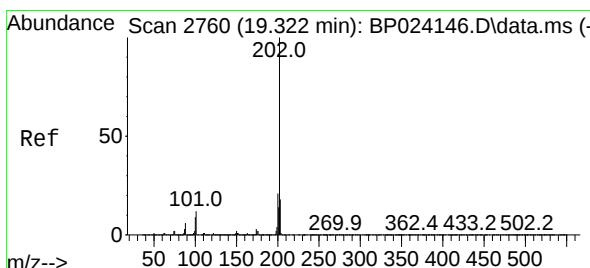
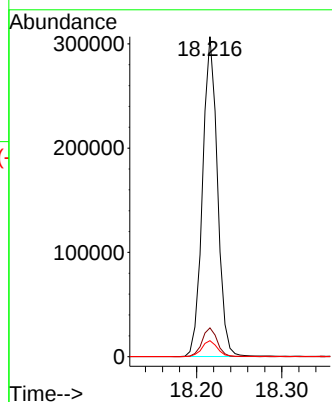
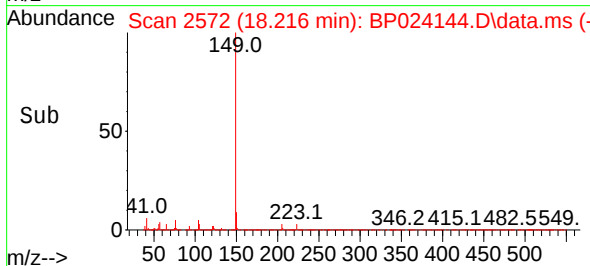
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion:149 Resp: 372270
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.0 3.8 5.8

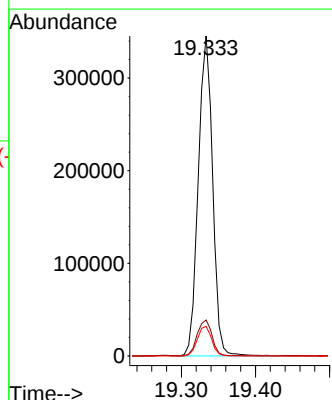
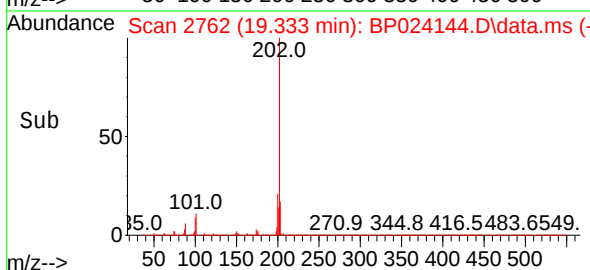
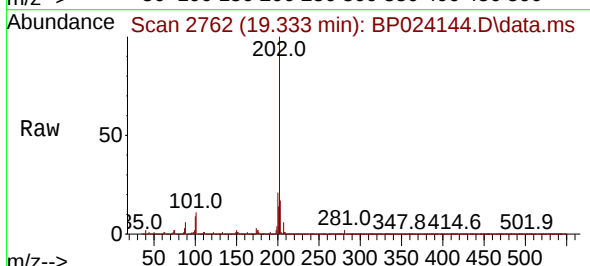
Manual Integrations
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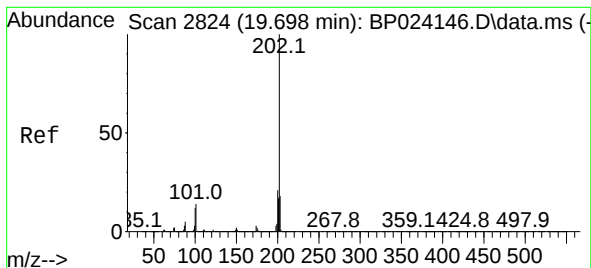
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#80
Fluoranthene
Concen: 4.177 ng/ul
RT: 19.333 min Scan# 2762
Delta R.T. 0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Tgt Ion:202 Resp: 463342
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 9.3 7.1 10.7





#82

Pyrene

Concen: 4.525 ng/ul

RT: 19.710 min Scan# 202

Delta R.T. 0.012 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNP_P

ClientSampleId :

SSTD005623

Tgt Ion:202 Resp: 52404

Ion Ratio Lower Upper

202 100

101 13.9 11.5 17.3

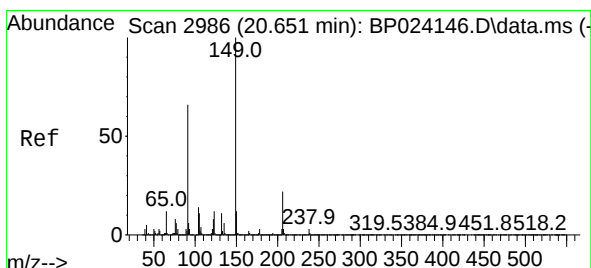
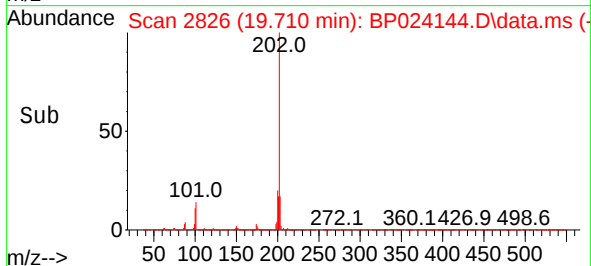
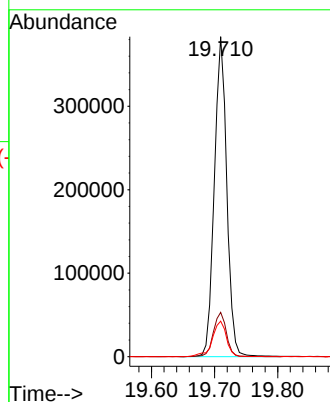
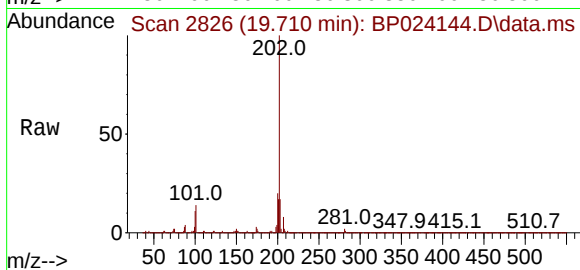
100 11.1 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#83

Butylbenzylphthalate

Concen: 3.736 ng/ul

RT: 20.657 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

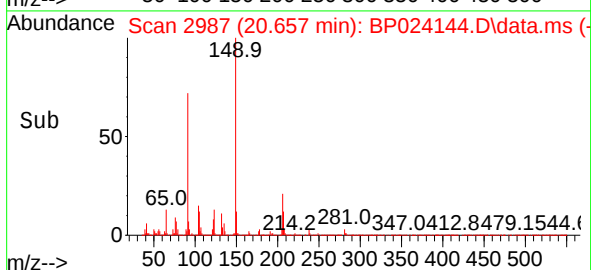
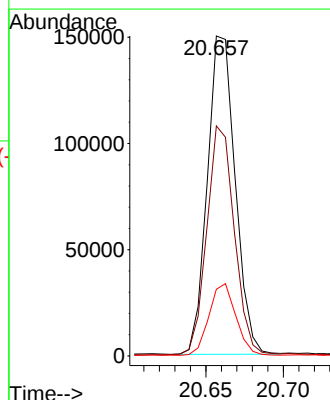
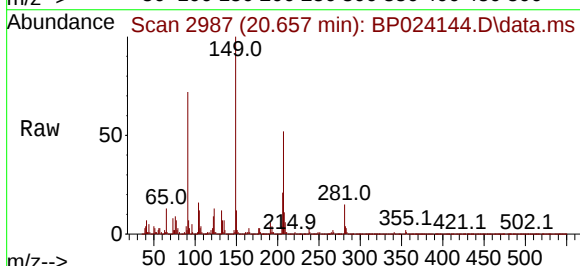
Tgt Ion:149 Resp: 187854

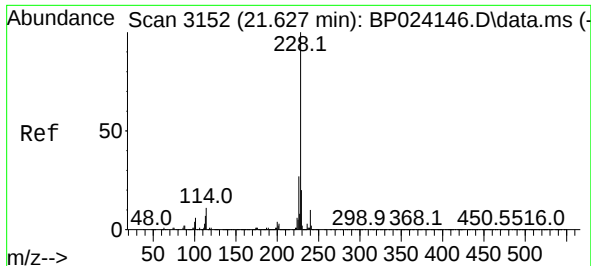
Ion Ratio Lower Upper

149 100

91 71.9 53.0 79.4

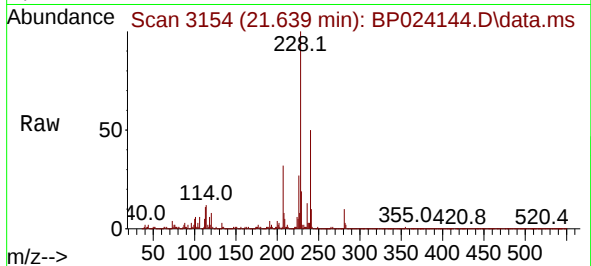
206 20.9 17.6 26.4





#85
Benzo(a)anthracene
Concen: 4.735 ng/ul
RT: 21.639 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

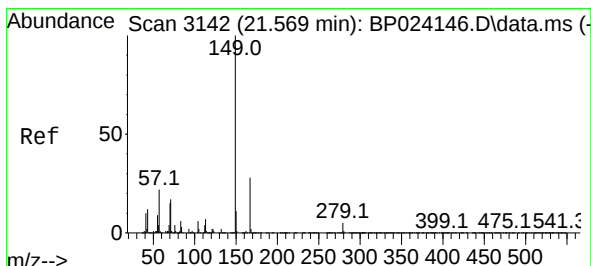
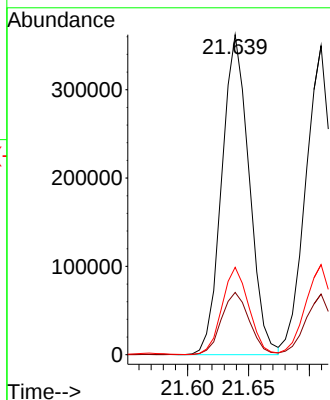
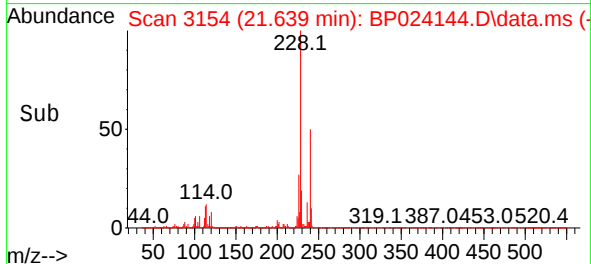
Instrument :
BNA_P
ClientSampleId :
SSTD005623



Tgt Ion:228 Resp: 566093
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.3 21.4 32.0

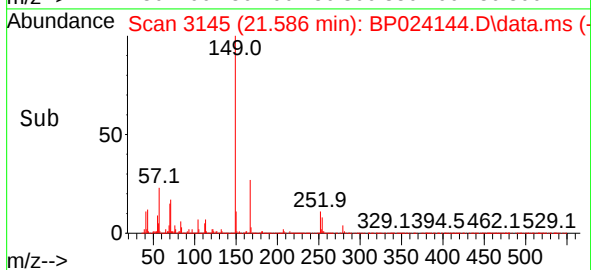
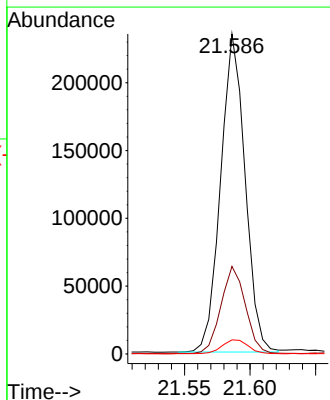
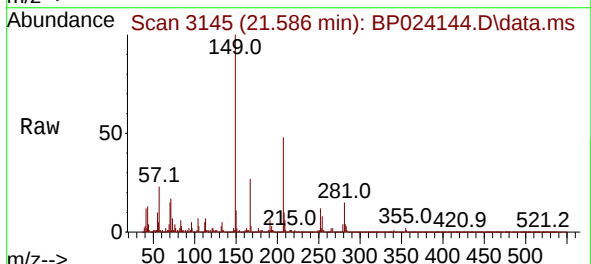
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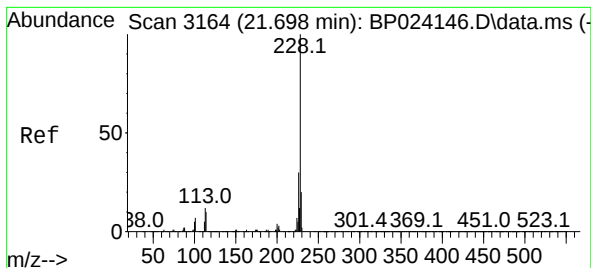
Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.105 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. 0.018 min
Lab File: BP024144.D
Acq: 04 Mar 2025 09:37

Tgt Ion:149 Resp: 303743
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.4
279 4.4 3.7 5.5





#87

Chrysene

Concen: 4.907 ng/ul

RT: 21.710 min Scan# 3164

Delta R.T. 0.012 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

Tgt Ion:228 Resp: 541849

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

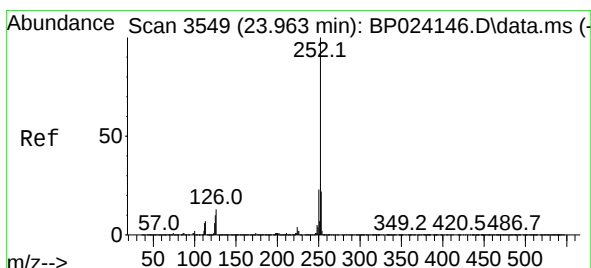
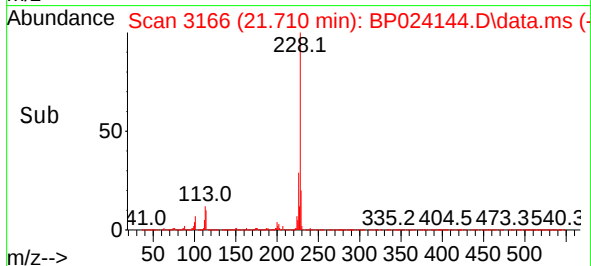
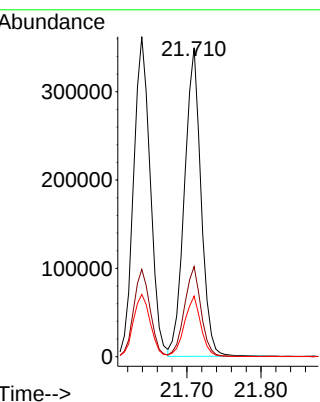
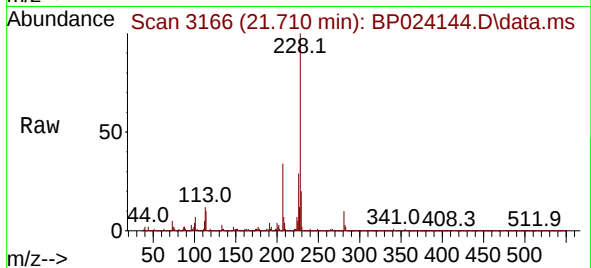
229 19.6 15.8 23.6

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Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#90

Benzo(b)fluoranthene

Concen: 4.491 ng/ul

RT: 23.980 min Scan# 3552

Delta R.T. 0.018 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

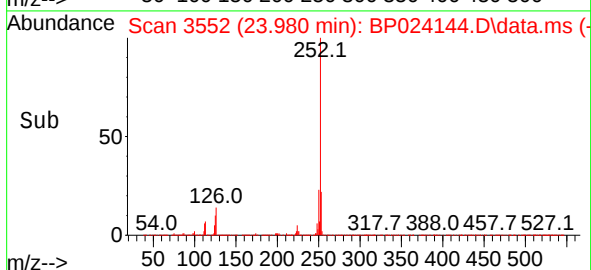
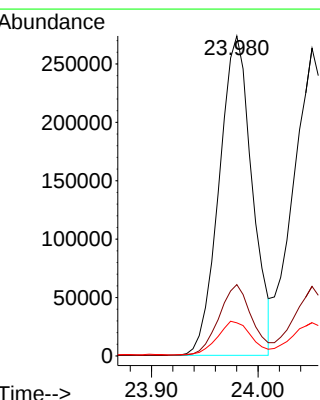
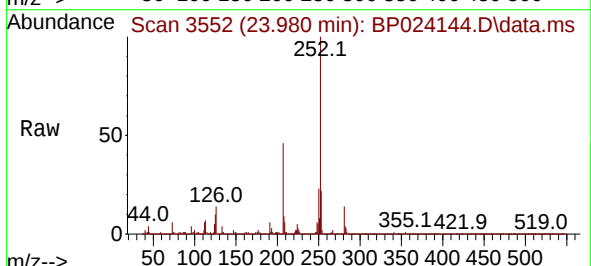
Tgt Ion:252 Resp: 588938

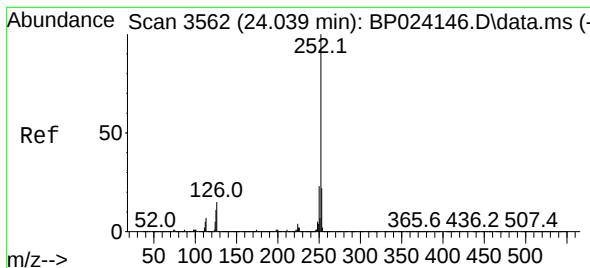
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 4.609 ng/ul

RT: 24.051 min Scan# 3562

Delta R.T. 0.012 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

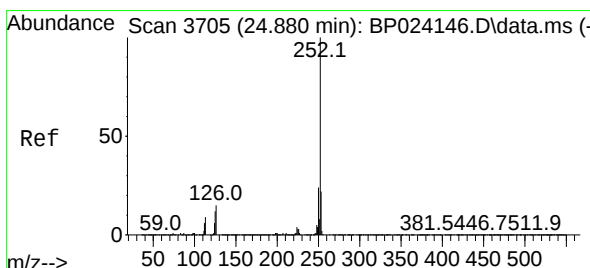
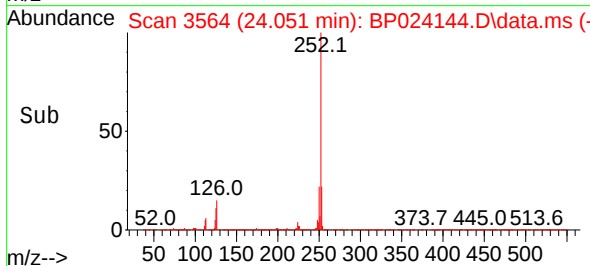
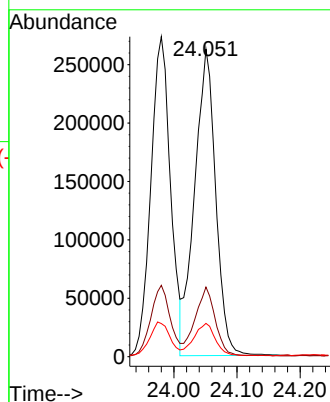
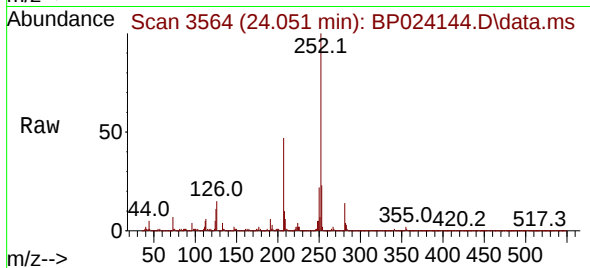
Tgt Ion:252 Resp: 60959
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.6
 125 10.8 8.6 12.8

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Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#93

Benzo(a)pyrene

Concen: 4.556 ng/ul

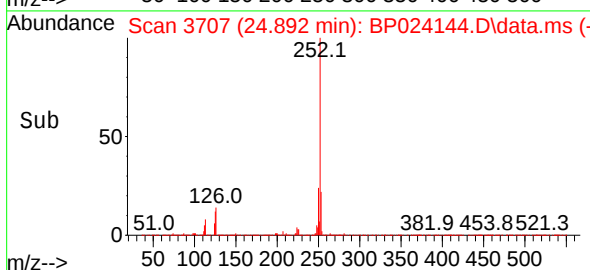
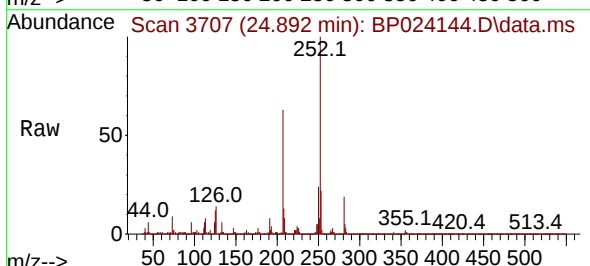
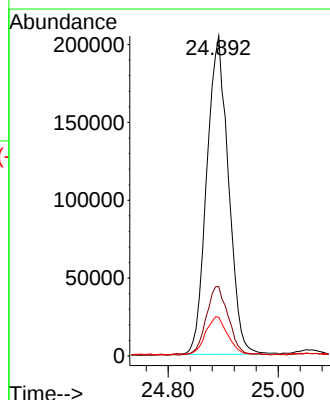
RT: 24.892 min Scan# 3707

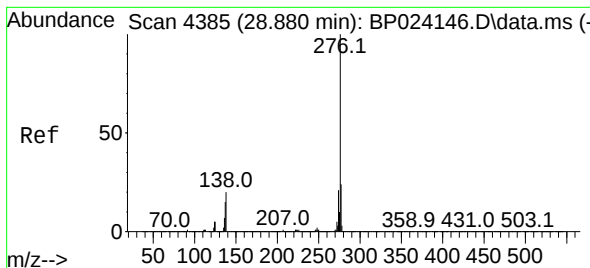
Delta R.T. 0.012 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Tgt Ion:252 Resp: 558946
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 12.1 9.8 14.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.693 ng/ul m

RT: 28.909 min Scan# 4403

Delta R.T. 0.029 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTD005623

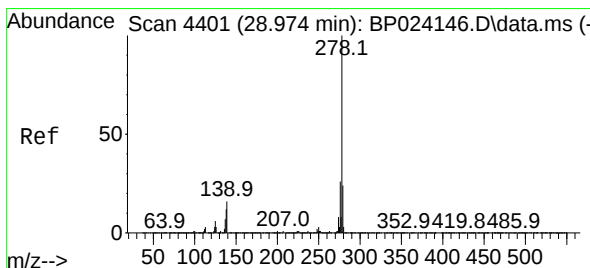
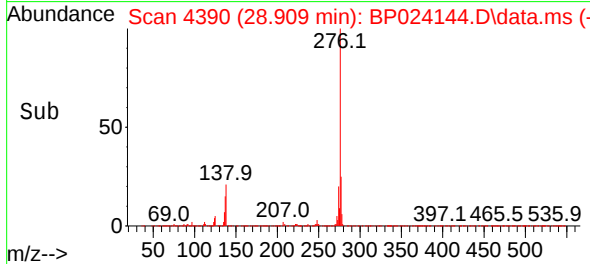
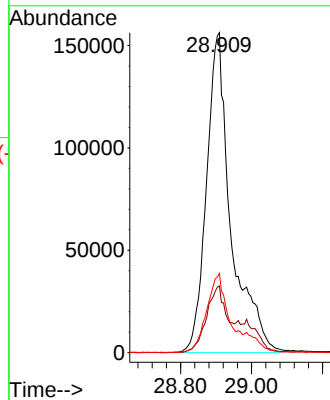
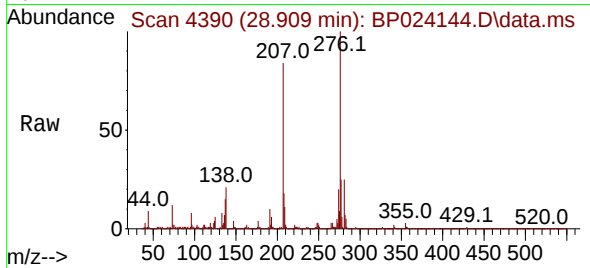
Tgt Ion:	276	Resp:	75175
Ion Ratio	Lower	Upper	
276	100		
138	20.8	16.2	24.4
277	24.8	18.9	28.3

Manual Integrations

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Reviewed By :Rahul Chavli 03/05/2025

Supervised By :Jagrut Upadhyay 03/05/2025



#95

Dibenzo(a,h)anthracene

Concen: 4.700 ng/ul m

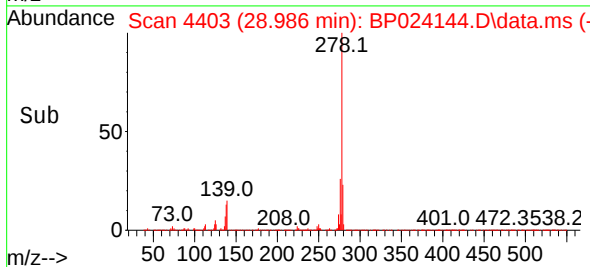
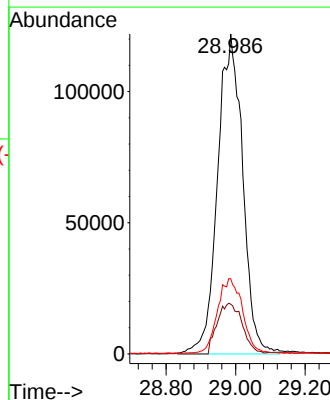
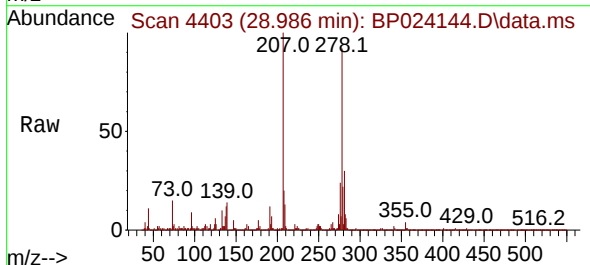
RT: 28.986 min Scan# 4403

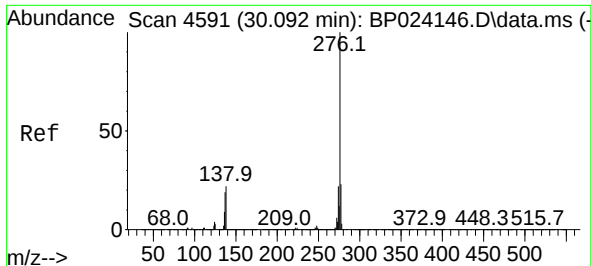
Delta R.T. 0.012 min

Lab File: BP024144.D

Acq: 04 Mar 2025 09:37

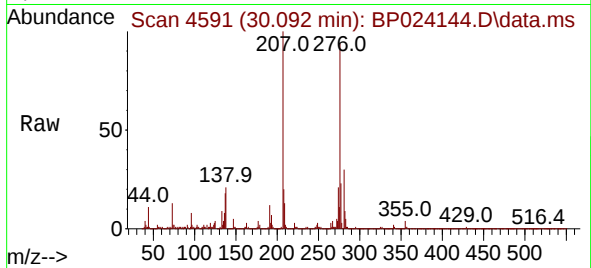
Tgt Ion:	278	Resp:	610308
Ion Ratio	Lower	Upper	
278	100		
139	15.6	12.4	18.6
279	23.5	19.4	29.0





#96
 Benzo(g,h,i)perylene
 Concen: 4.812 ng/ul
 RT: 30.092 min Scan# 4591
 Delta R.T. -0.000 min
 Lab File: BP024144.D
 Acq: 04 Mar 2025 09:37

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005623



Tgt Ion: 276 Resp: 58954

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.3	25.9
277	24.8	18.7	28.1

Manual Integrations
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Reviewed By :Rahul Chavli 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

