

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013241.D
 Acq On : 22 Dec 2022 12:14
 Operator : CG/JU
 Sample : PB149826BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS826

Quant Time: Dec 22 21:45:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 23:38:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	496810	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	2030173	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1178998	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2123170	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1825087	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	2114996	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	72134	6.208	ng/uL	0.00
4) Pyridine-d5	3.758	84	1043543	31.616	ng/u1	0.00
7) Phenol-d5	7.105	99	1390501	34.362	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	855538	35.047	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	1096984	34.436	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	1088255	32.821	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	529949	35.528	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	603325	35.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1138807	34.914	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	1302187	28.279	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	2897618	31.979	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	3445258	34.603	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	447607	27.462	ng/u1	0.00
60) Fluorene-d10	15.581	176	2448247	31.937	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	430494	31.508	ng/u1	0.00
73) Anthracene-d10	17.445	188	3342091	34.891	ng/u1	0.00
81) Pyrene-d10	19.675	212	3477604	33.196	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	3770083	35.762	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	153463	12.652	ng/uL	94
5) Pyridine	3.781	79	1103139	33.628	ng/u1	99
6) Benzaldehyde	7.081	77	868101	54.786	ng/u1	96
8) Phenol	7.134	94	1468296	35.886	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.369	93	1170450	34.854	ng/u1	96
12) 2-Chlorophenol	7.511	128	1156661	35.407	ng/u1	97
13) 2-Methylphenol	8.393	108	1090225	34.178	ng/u1	97
16) Acetophenone	8.775	105	1753011	34.481	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.763	70	882018	34.500	ng/u1	95
18) 4-Methylphenol	8.722	108	1195321	33.832	ng/u1	97
19) Hexachloroethane	9.034	117	448959	34.392	ng/u1	97
22) Nitrobenzene	9.158	77	1311001	37.455	ng/u1	97
23) Isophorone	9.687	82	2414426	34.114	ng/u1	98
25) 2-Nitrophenol	9.875	139	665530	36.577	ng/u1	95
26) 2,4-Dimethylphenol	9.928	107	1267232	35.695	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	1555566	34.374	ng/u1	100
29) 2,4-Dichlorophenol	10.405	162	1143114	35.777	ng/u1	99
30) Naphthalene	10.810	128	3687282	34.728	ng/u1	100
32) 4-Chloroaniline	10.922	127	1294658	28.412	ng/u1	99
33) Hexachlorobutadiene	11.093	225	791320	36.071	ng/u1	99
34) Caprolactam	11.710	113	212645	19.519	ng/u1	89
35) 4-Chloro-3-methylphenol	12.046	107	1102699	33.818	ng/u1	98
36) 2-Methylnaphthalene	12.416	142	2465960	33.855	ng/u1	100
37) 1-Methylnaphthalene	12.634	142	2435574	32.514	ng/u1	99

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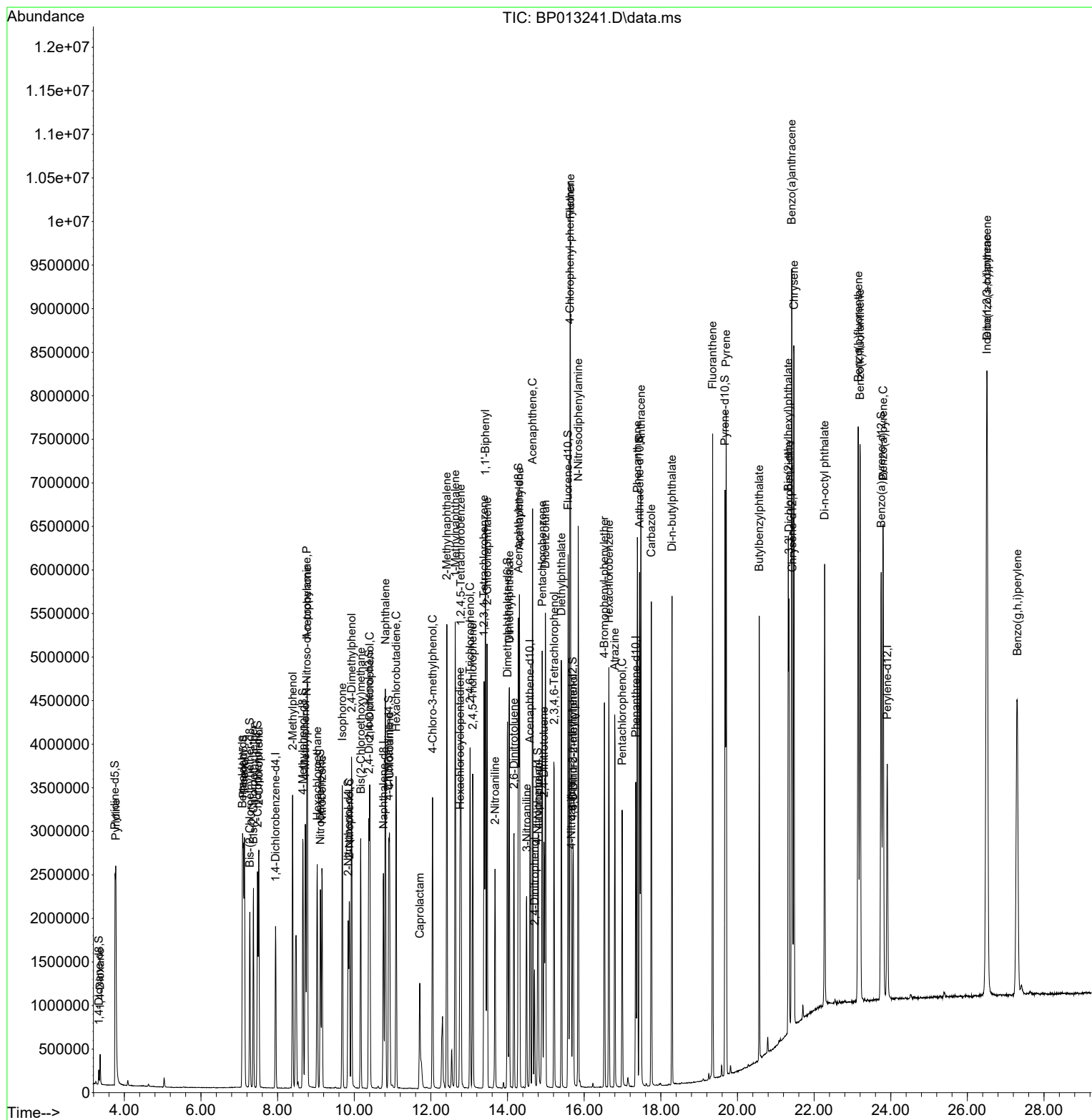
Instrument :
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 ClientSampleId :
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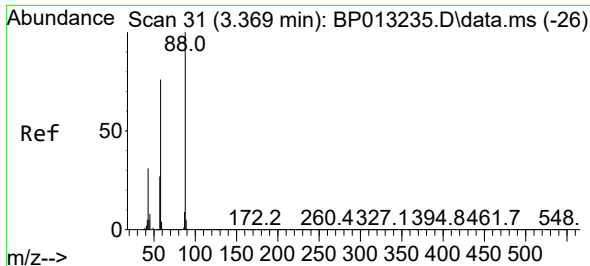
Quant Time: Dec 22 21:45:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 23:38:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.781	216	1474301	38.834	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	661493	26.776	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	912157	37.386	ng/ul	100
42) 2,4,5-Trichlorophenol	13.093	196	968586	36.959	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	3254274	36.752	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	2574213	36.938	ng/ul	99
45) 2-Nitroaniline	13.675	65	659260	39.017	ng/ul	98
47) Dimethylphthalate	14.046	163	2980835	33.191	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	587250	35.185	ng/ul	100
50) Acenaphthylene	14.310	152	3791597	35.421	ng/ul	100
51) 3-Nitroaniline	14.498	138	527810	33.491	ng/ul	98
52) Acenaphthene	14.651	153	2601757	35.075	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	277879	24.357	ng/ul	99
55) 4-Nitrophenol	14.804	109	345895	31.102	ng/ul	96
56) Dibenzofuran	14.987	168	3603389	34.167	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	792380	32.684	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	767720	32.100	ng/ul	99
59) Diethylphthalate	15.404	149	2691310	30.827	ng/ul	100
61) Fluorene	15.640	166	2832192	33.485	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	1518382	33.946	ng/ul	99
63) 4-Nitroaniline	15.663	138	525730	37.910	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.716	198	444536	33.294	ng/ul#	94
67) N-Nitrosodiphenylamine	15.845	169	2327786	39.546	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	876849	38.029	ng/ul	97
69) Hexachlorobenzene	16.645	284	1008736	36.845	ng/ul	99
70) Atrazine	16.798	200	760494	33.154	ng/ul	100
71) Pentachlorophenol	16.992	266	566254	34.153	ng/ul	100
72) Phenanthrene	17.387	178	3991996	36.098	ng/ul	100
74) Anthracene	17.481	178	4034774	36.540	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1466996	48.429	ng/uL	100
76) Pentachlorobenzene	14.904	250	1303409	42.203	ng/uL	99
77) Carbazole	17.751	167	3358814	36.119	ng/ul	100
78) Di-n-butylphthalate	18.292	149	3641197	32.159	ng/ul	100
80) Fluoranthene	19.351	202	4212758	35.431	ng/ul	99
82) Pyrene	19.704	202	4378184	35.696	ng/ul	100
83) Butylbenzylphthalate	20.569	149	1348552	28.461	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	1367759	33.174	ng/ul	99
85) Benzo(a)anthracene	21.416	228	4504866	37.182	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1777888	26.599	ng/ul	100
87) Chrysene	21.475	228	4258264	37.165	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	3221079	27.185	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	4878198	36.170	ng/ul	100
91) Benzo(k)fluoranthene	23.198	252	4828071	36.102	ng/ul	99
93) Benzo(a)pyrene	23.798	252	4409705	37.551	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.504	276	5924259	40.500	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	4996514	41.256	ng/ul	100
96) Benzo(g,h,i)perylene	27.304	276	4886971	41.615	ng/ul	99

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

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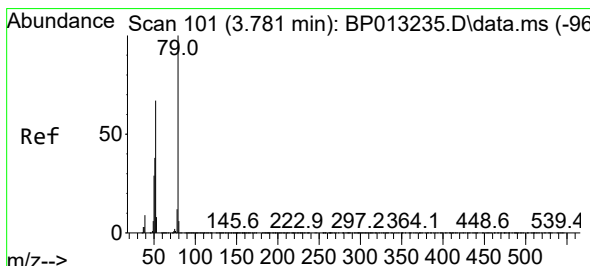
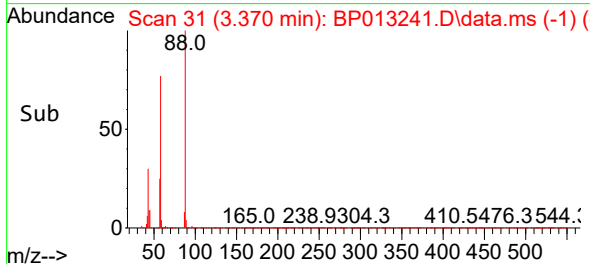
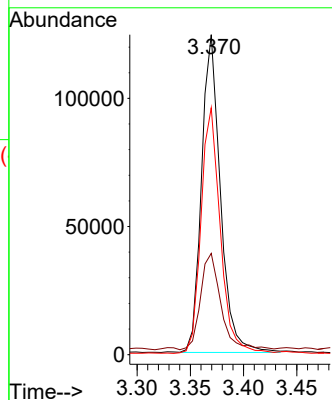
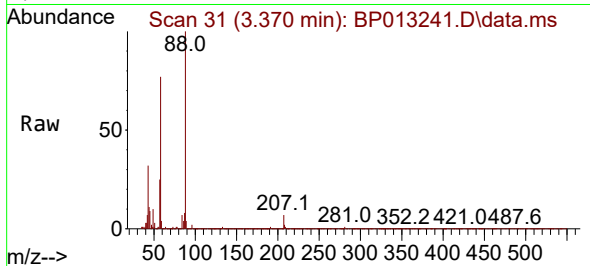




#2
1,4-Dioxane
Concen: 12.652 ng/uL
RT: 3.370 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

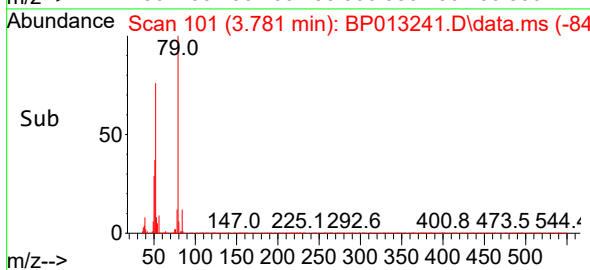
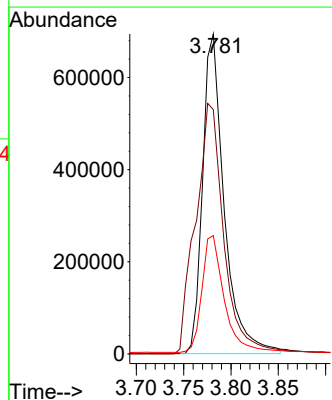
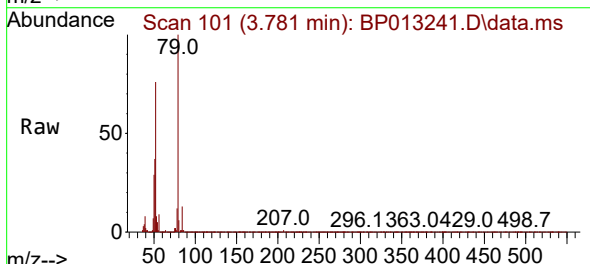
Instrument :
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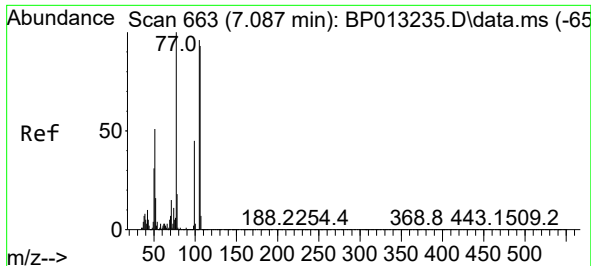
Tgt Ion: 88 Resp: 153463
Ion Ratio Lower Upper
88 100
43 31.7 22.4 33.6
58 77.2 58.2 87.4



#5
Pyridine
Concen: 33.628 ng/uL
RT: 3.781 min Scan# 101
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion: 79 Resp: 1103139
Ion Ratio Lower Upper
79 100
52 76.3 60.7 91.1
51 37.0 28.9 43.3

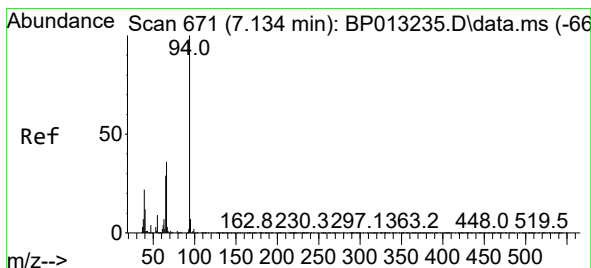
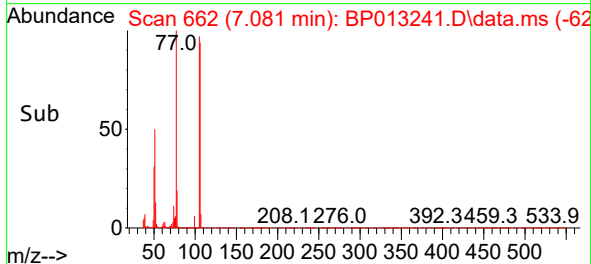
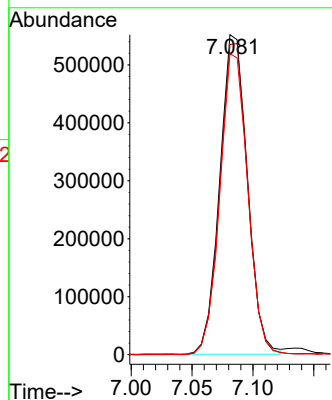
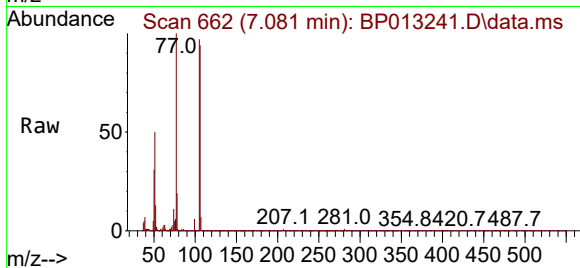




#6
Benzaldehyde
Concen: 54.786 ng/ul
RT: 7.081 min Scan# 601
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

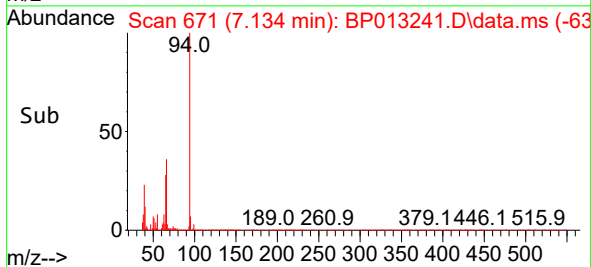
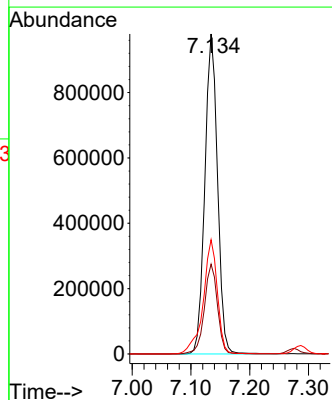
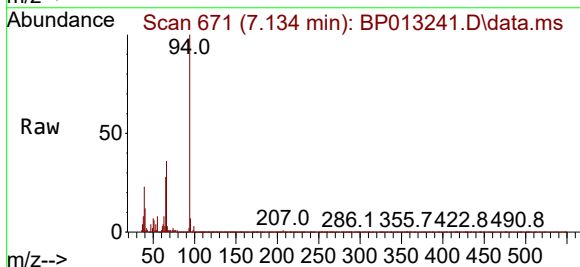
Instrument :
BNA_P
ClientSampleId :
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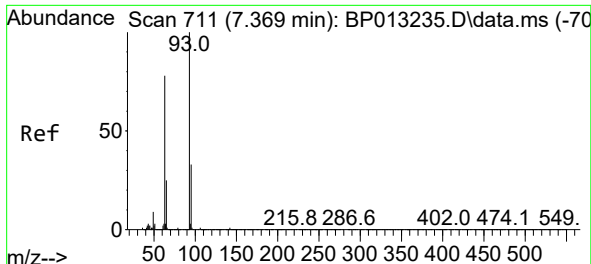
Tgt Ion: 77 Resp: 868101
Ion Ratio Lower Upper
77 100
105 96.9 81.5 122.3
106 94.1 76.9 115.3



#8
Phenol
Concen: 35.886 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion: 94 Resp: 1468296
Ion Ratio Lower Upper
94 100
65 28.1 21.1 31.7
66 35.7 27.0 40.6

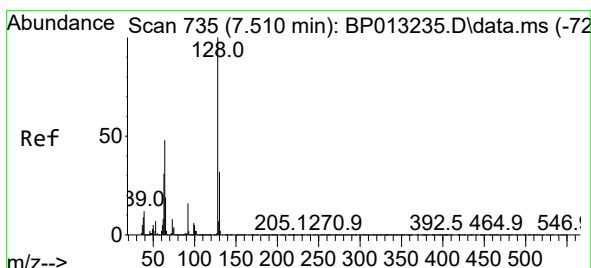
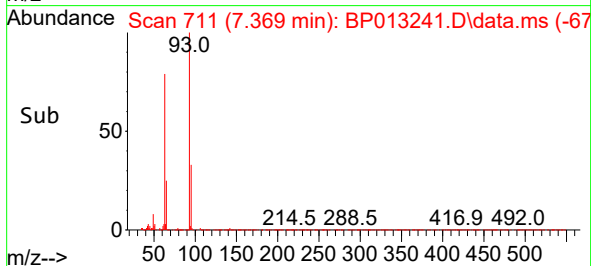
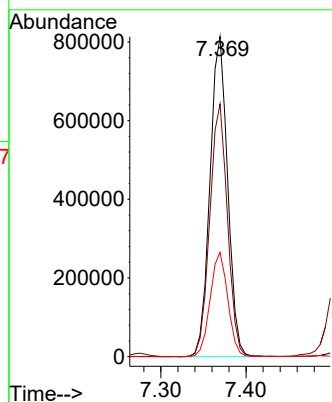
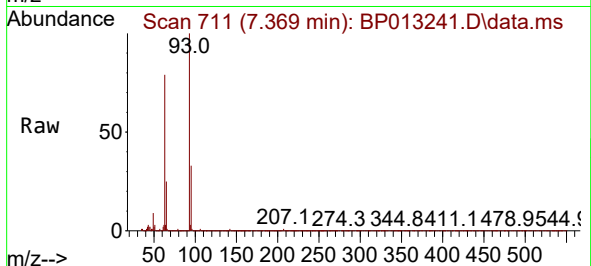




#10
Bis(2-Chloroethyl)ether
Concen: 34.854 ng/ul
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

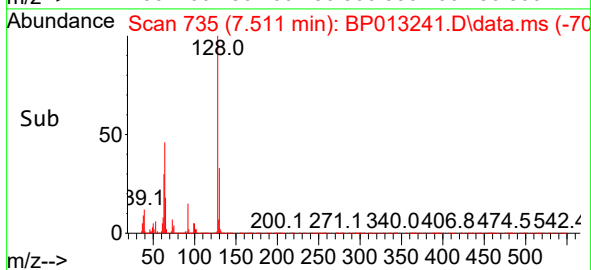
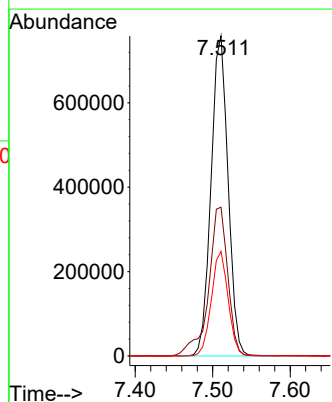
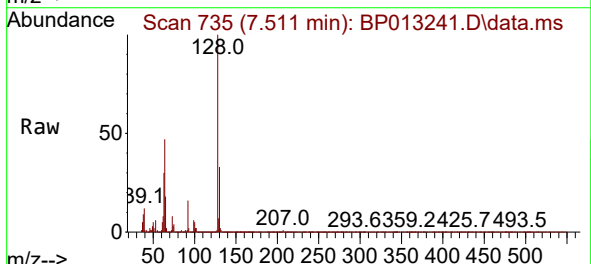
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ClientSampleId :
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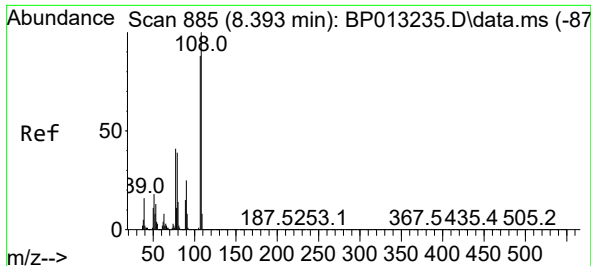
Tgt Ion: 93 Resp: 1170450
Ion Ratio Lower Upper
93 100
63 78.9 59.8 89.8
95 32.6 26.4 39.6



#12
2-Chlorophenol
Concen: 35.407 ng/ul
RT: 7.511 min Scan# 735
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:128 Resp: 1156661
Ion Ratio Lower Upper
128 100
64 46.5 34.9 52.3
130 32.6 25.8 38.6





#13

2-Methylphenol

Concen: 34.178 ng/ul

RT: 8.393 min Scan# 885

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

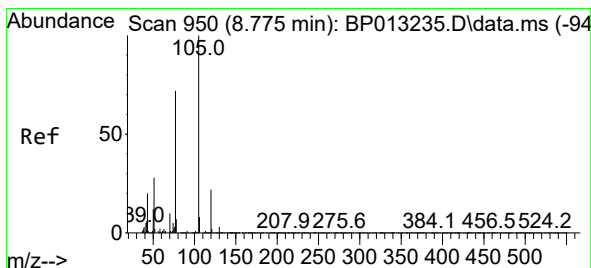
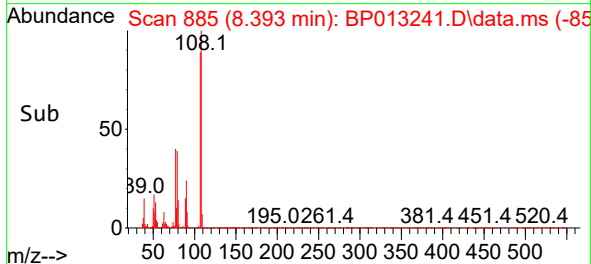
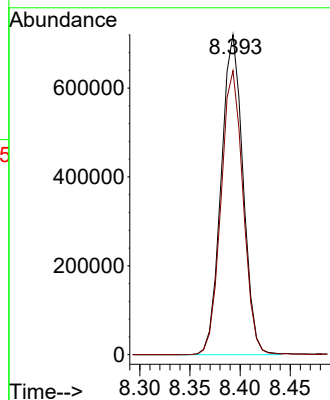
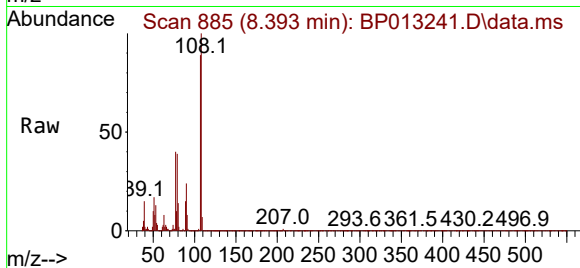
SLCS826

Tgt Ion:108 Resp: 1090225

Ion Ratio Lower Upper

108 100

107 88.7 69.1 103.7



#16

Acetophenone

Concen: 34.481 ng/ul

RT: 8.775 min Scan# 950

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

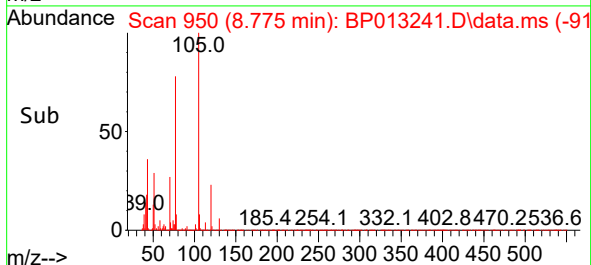
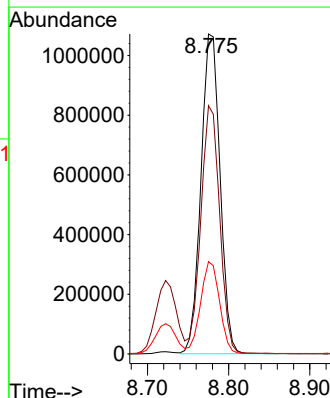
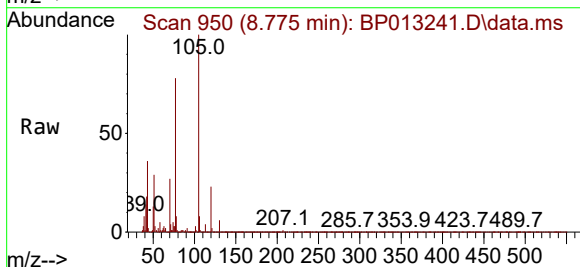
Tgt Ion:105 Resp: 1753011

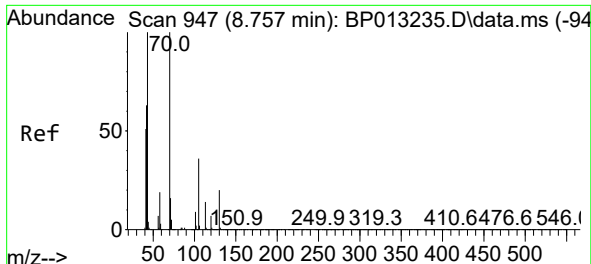
Ion Ratio Lower Upper

105 100

77 77.6 59.3 88.9

51 28.9 19.6 29.4

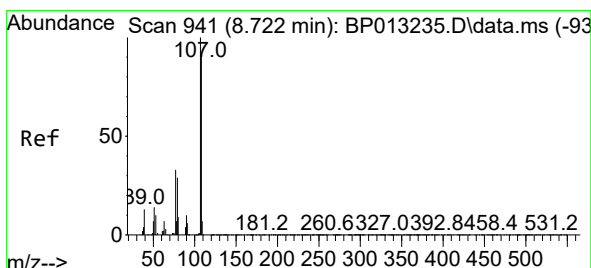
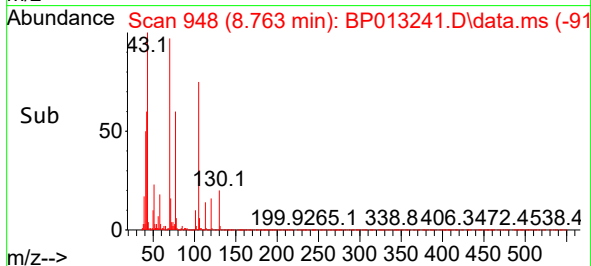
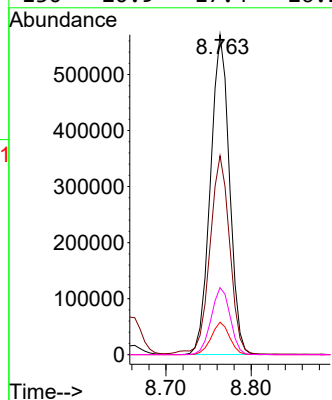
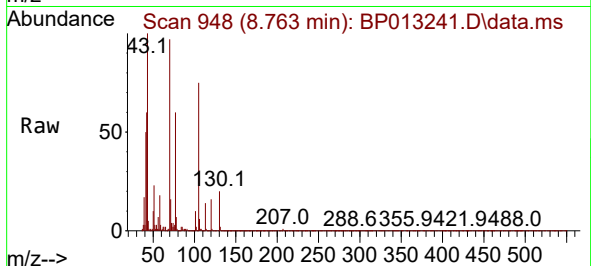




#17
N-Nitroso-di-n-propylamine
Concen: 34.500 ng/ul
RT: 8.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP013241.D
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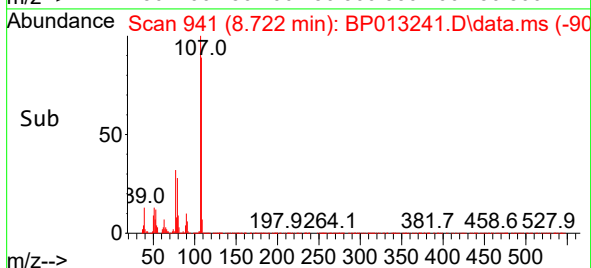
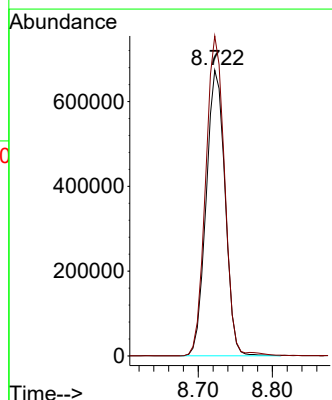
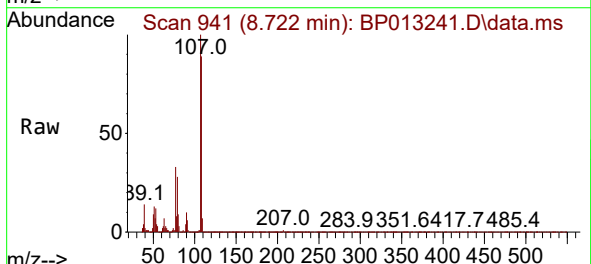
Instrument :
BNA_P
ClientSampleId :
SLCS826

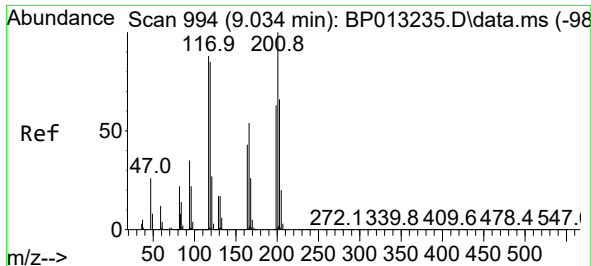
Tgt Ion: 70 Resp: 882018
Ion Ratio Lower Upper
70 100
42 62.1 45.5 68.3
101 10.2 7.9 11.9
130 20.9 17.4 26.2



#18
4-Methylphenol
Concen: 33.832 ng/ul
RT: 8.722 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion: 108 Resp: 1195321
Ion Ratio Lower Upper
108 100
107 112.0 87.4 131.2





#19

Hexachloroethane

Concen: 34.392 ng/ul

RT: 9.034 min Scan# 994

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

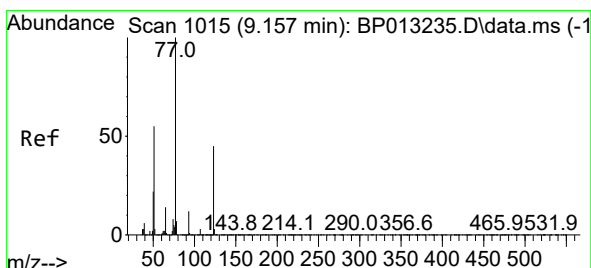
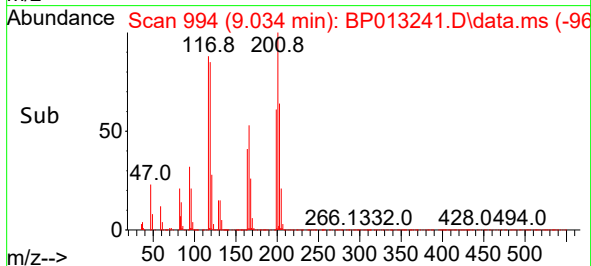
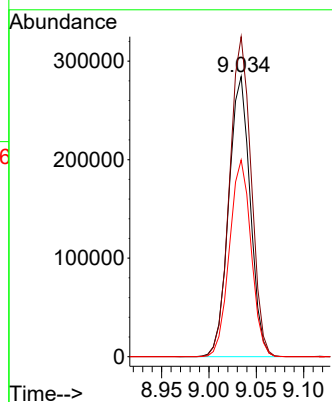
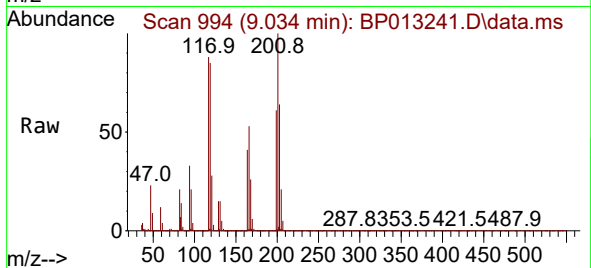
Tgt Ion:117 Resp: 448959

Ion Ratio Lower Upper

117 100

201 114.2 93.7 140.5

199 70.2 58.6 88.0



#22

Nitrobenzene

Concen: 37.455 ng/ul

RT: 9.158 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

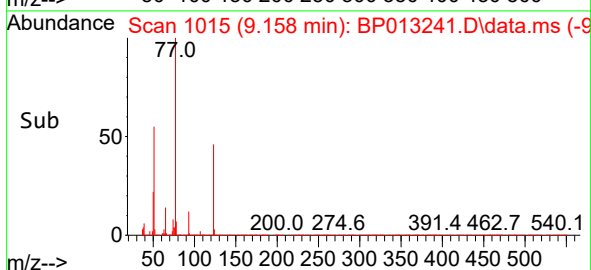
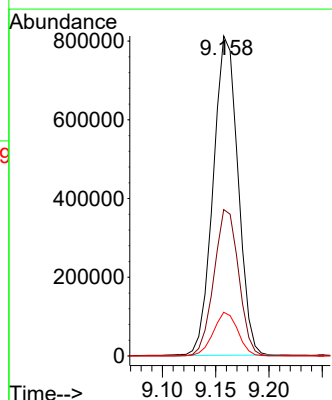
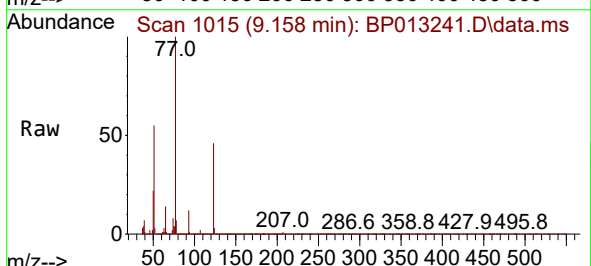
Tgt Ion: 77 Resp: 1311001

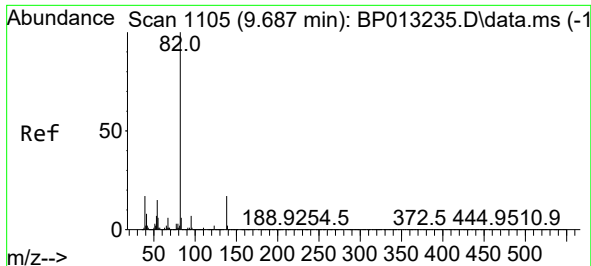
Ion Ratio Lower Upper

77 100

123 45.7 38.3 57.5

65 13.7 10.3 15.5

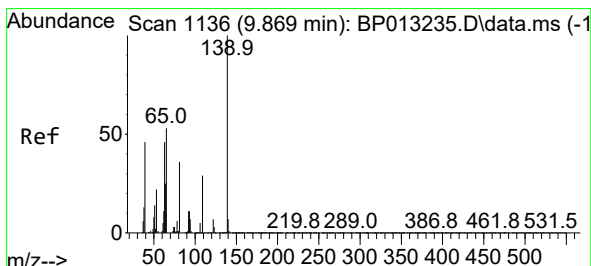
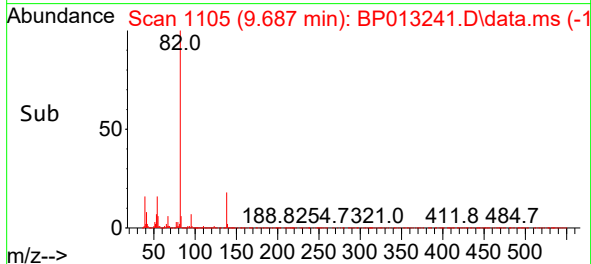
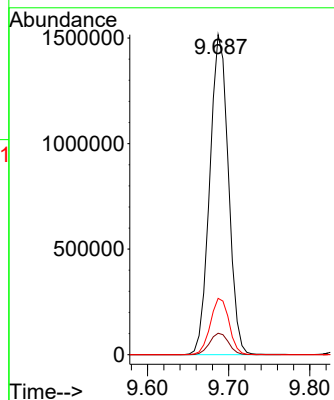
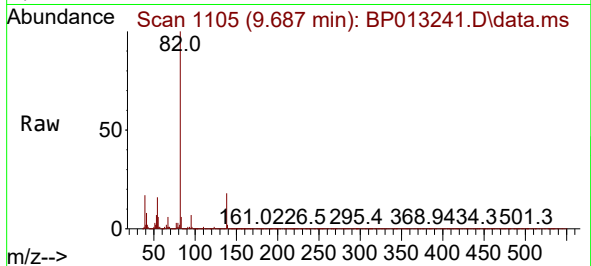




#23
Isophorone
Concen: 34.114 ng/ul
RT: 9.687 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

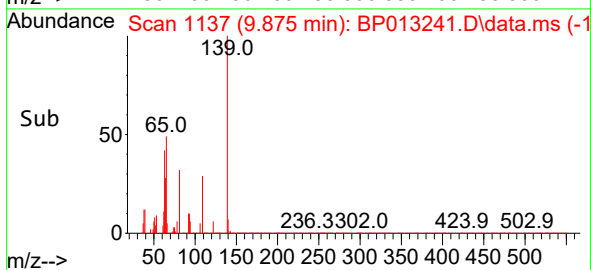
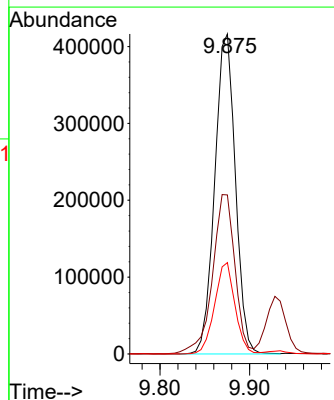
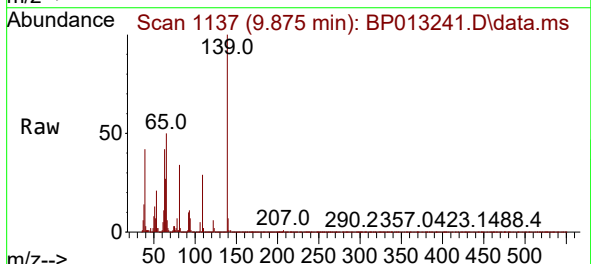
Instrument :
BNA_P
ClientSampleId :
SLCS826

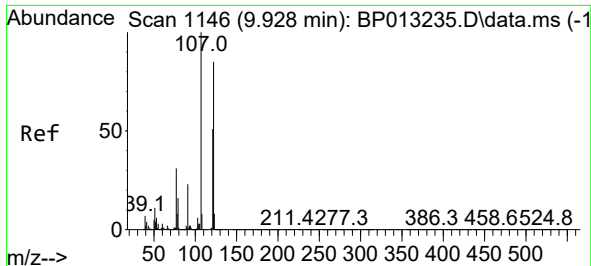
Tgt Ion: 82 Resp: 2414426
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.6 15.3 22.9



#25
2-Nitrophenol
Concen: 36.577 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:139 Resp: 665530
Ion Ratio Lower Upper
139 100
65 49.7 36.6 54.8
109 28.5 21.6 32.4

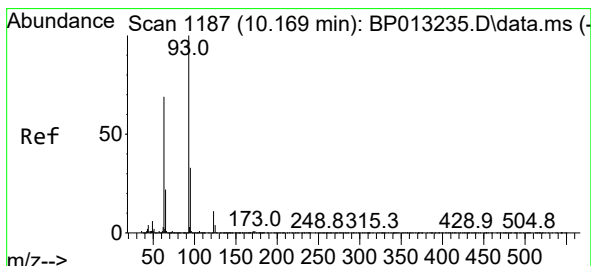
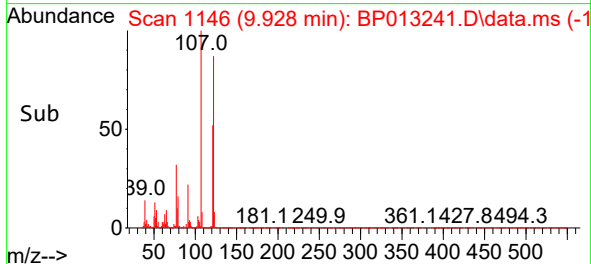
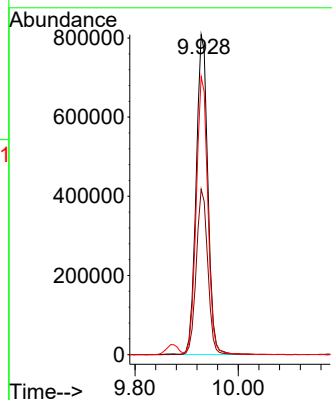
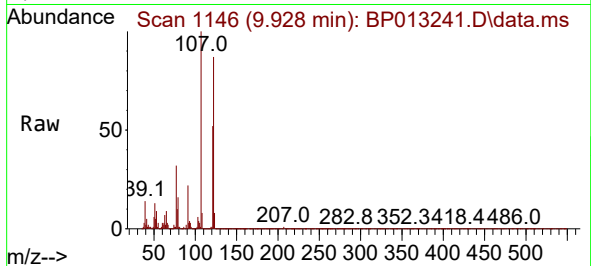




#26
2,4-Dimethylphenol
Concen: 35.695 ng/ul
RT: 9.928 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

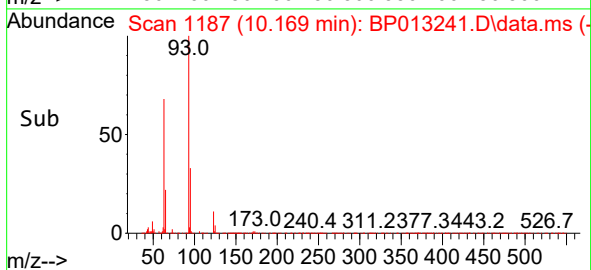
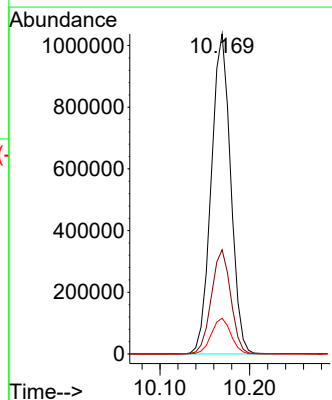
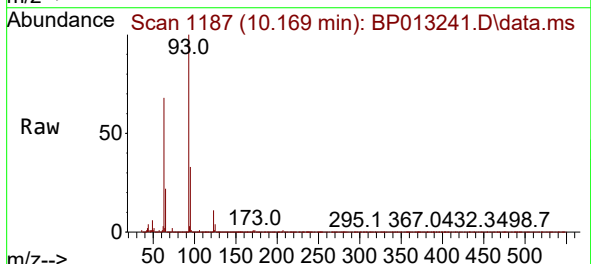
Instrument :
BNA_P
ClientSampleId :
SLCS826

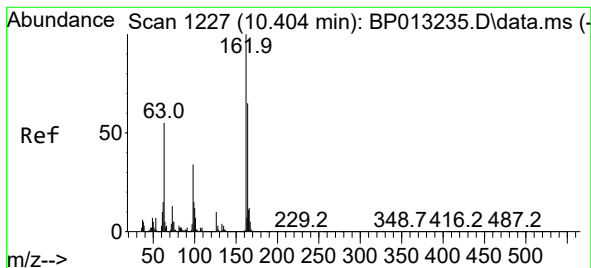
Tgt Ion:107 Resp: 1267232
Ion Ratio Lower Upper
107 100
121 51.7 41.8 62.6
122 86.9 72.6 108.8



#27
Bis(2-Chloroethoxy)methane
Concen: 34.374 ng/ul
RT: 10.169 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion: 93 Resp: 1555566
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 35.777 ng/ul

RT: 10.405 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

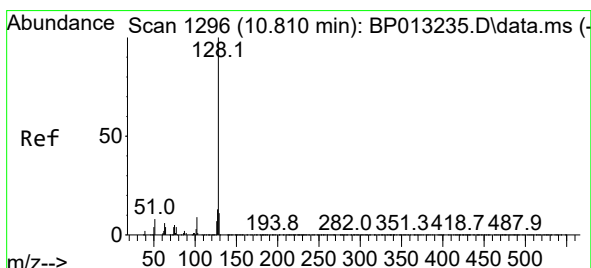
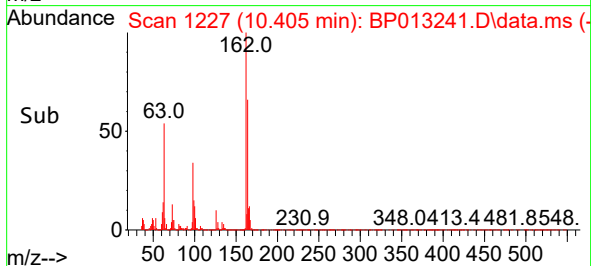
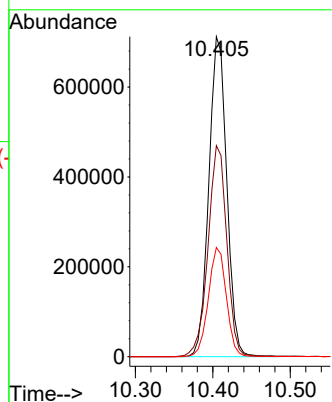
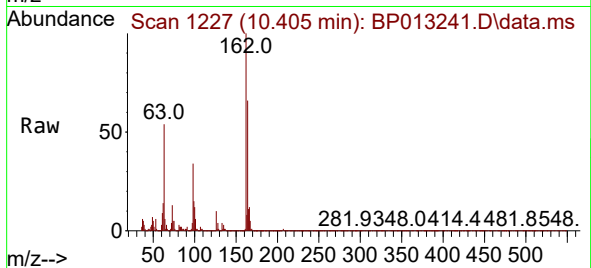
Tgt Ion:162 Resp: 1143114

Ion Ratio Lower Upper

162 100

164 65.9 52.5 78.7

98 34.1 26.6 39.8



#30

Naphthalene

Concen: 34.728 ng/ul

RT: 10.810 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

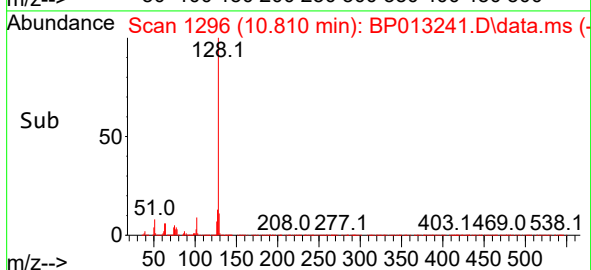
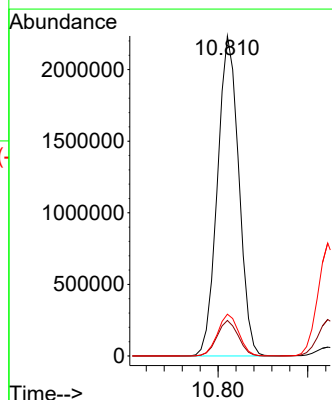
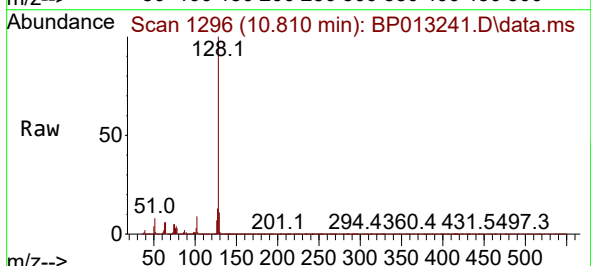
Tgt Ion:128 Resp: 3687282

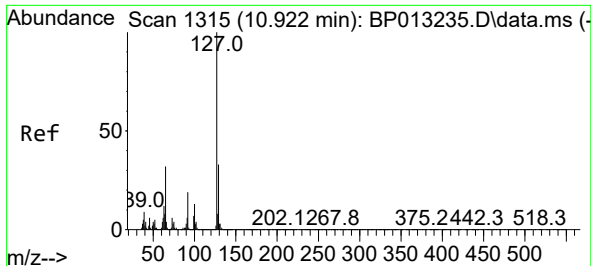
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.1 10.4 15.6

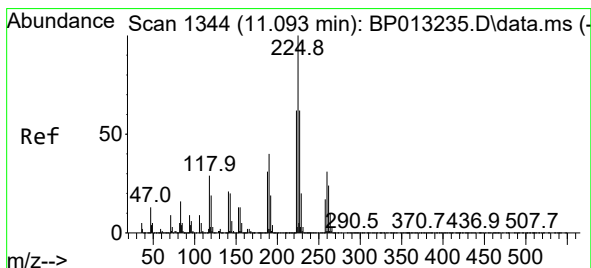
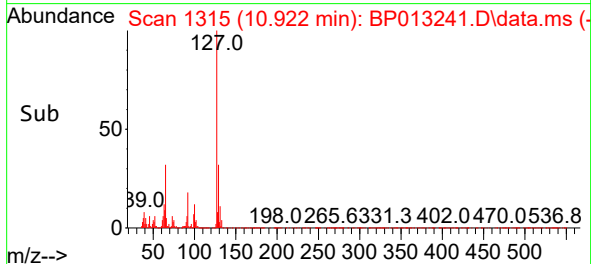
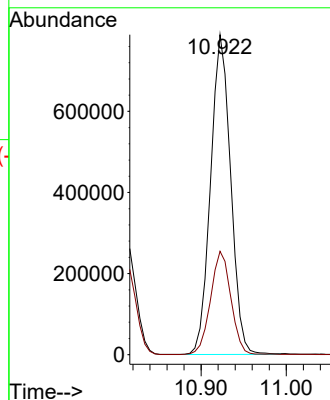
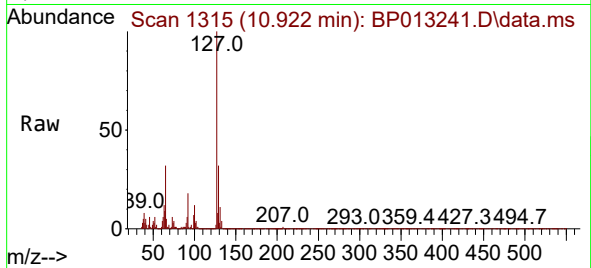




#32
4-Chloroaniline
Concen: 28.412 ng/ul
RT: 10.922 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

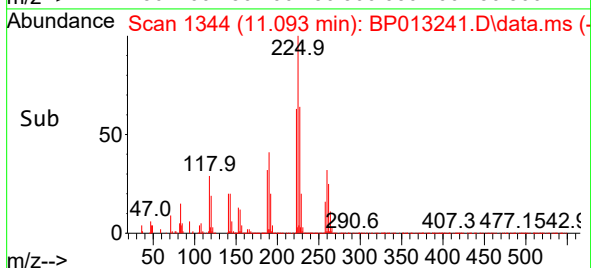
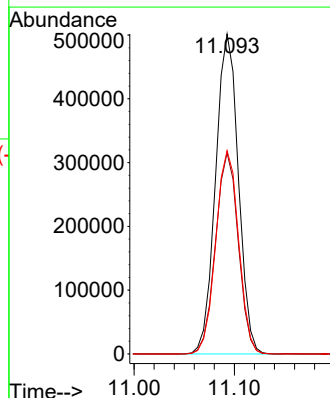
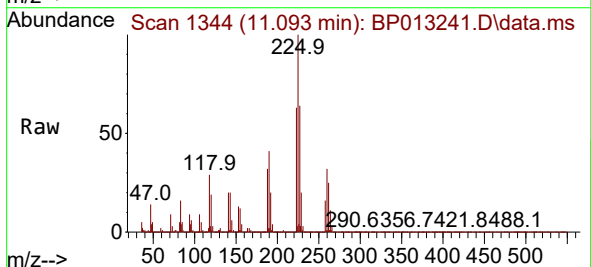
Instrument :
BNA_P
ClientSampleId :
SLCS826

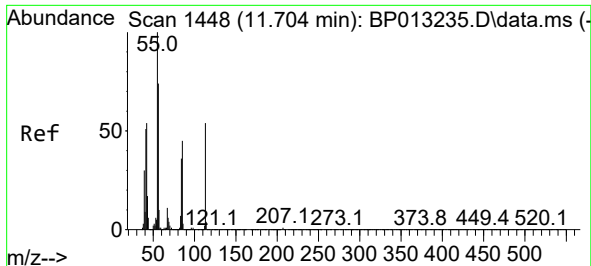
Tgt Ion:127 Resp: 1294658
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4



#33
Hexachlorobutadiene
Concen: 36.071 ng/ul
RT: 11.093 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:225 Resp: 791320
Ion Ratio Lower Upper
225 100
223 62.9 49.2 73.8
227 63.6 50.2 75.2

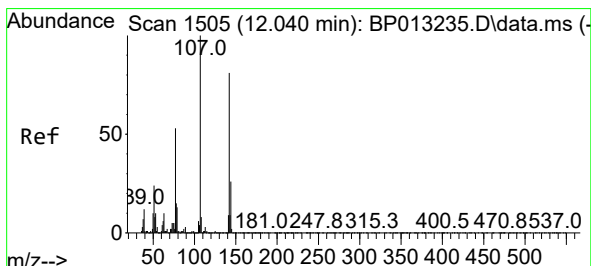
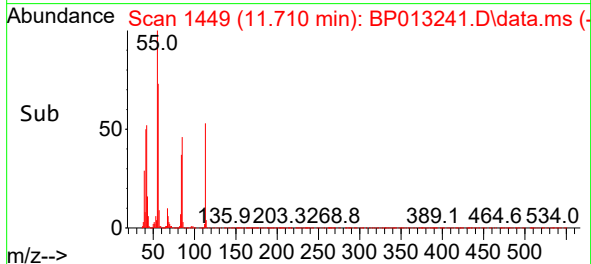
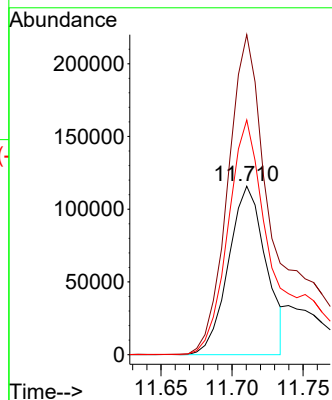
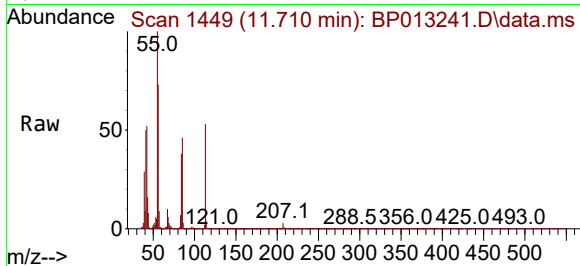




#34
Caprolactam
Concen: 19.519 ng/ul
RT: 11.710 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

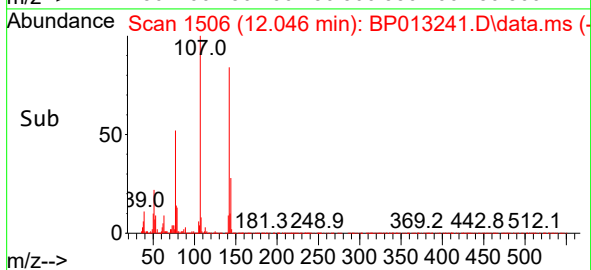
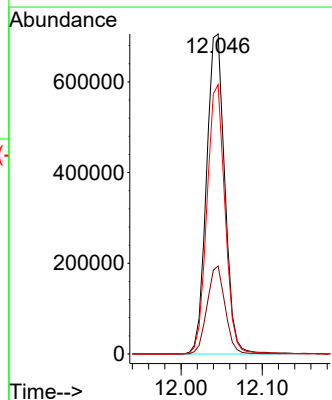
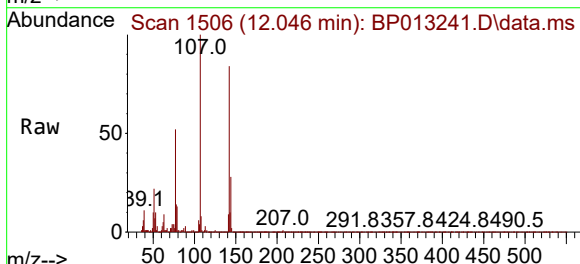
Instrument :
BNA_P
ClientSampleId :
SLCS826

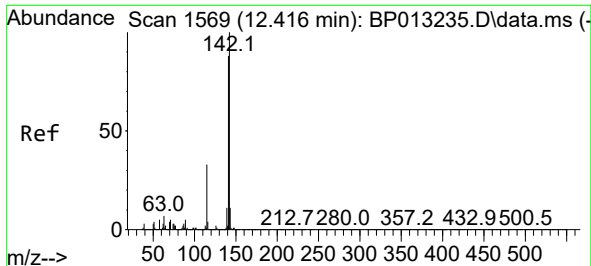
Tgt Ion:113 Resp: 212645
Ion Ratio Lower Upper
113 100
55 189.9 141.9 212.9
56 139.3 99.6 149.4



#35
4-Chloro-3-methylphenol
Concen: 33.818 ng/ul
RT: 12.046 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:107 Resp: 1102699
Ion Ratio Lower Upper
107 100
144 27.5 21.4 32.2
142 84.2 65.8 98.6

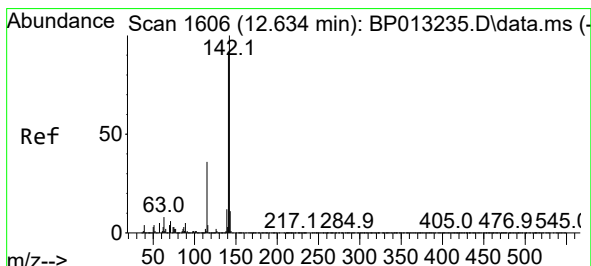
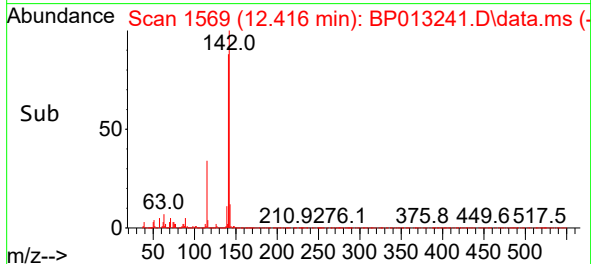
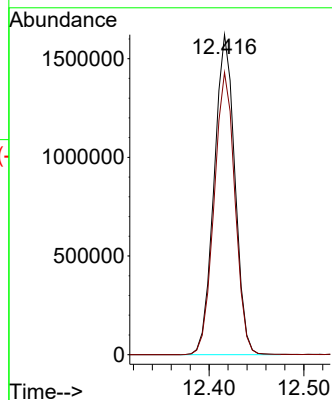
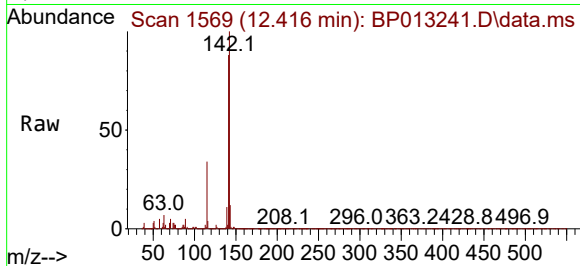




#36
2-Methylnaphthalene
Concen: 33.855 ng/ul
RT: 12.416 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

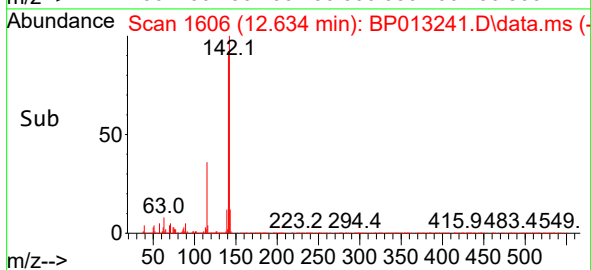
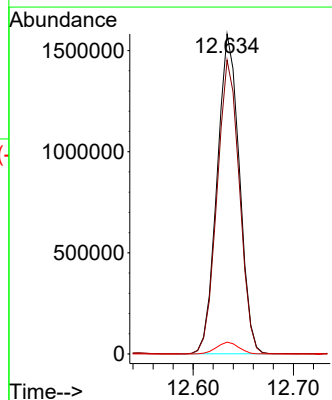
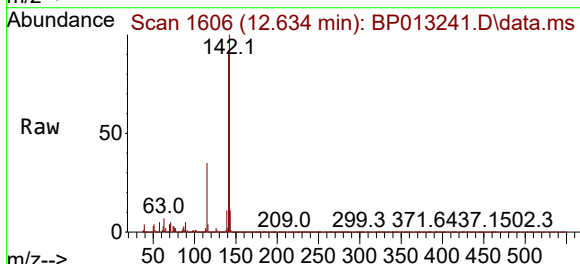
Instrument :
BNA_P
ClientSampleId :
SLCS826

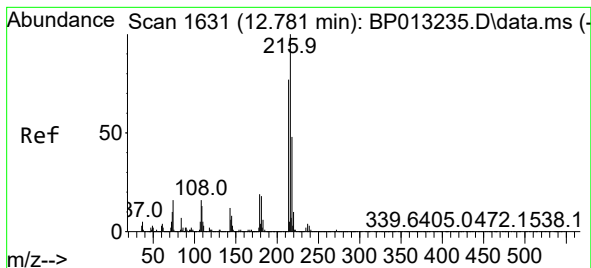
Tgt Ion:142 Resp: 2465960
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2



#37
1-Methylnaphthalene
Concen: 32.514 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:142 Resp: 2435574
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1
116 3.7 2.7 4.1

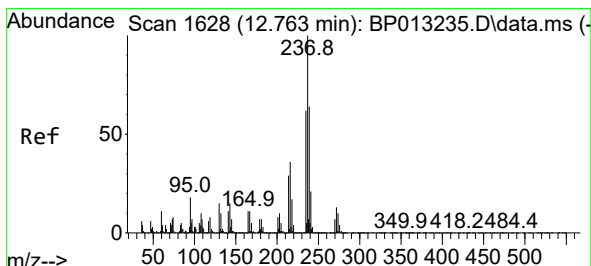
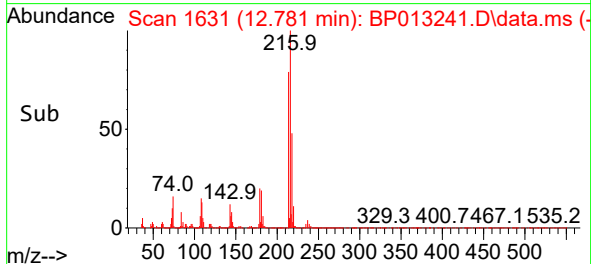
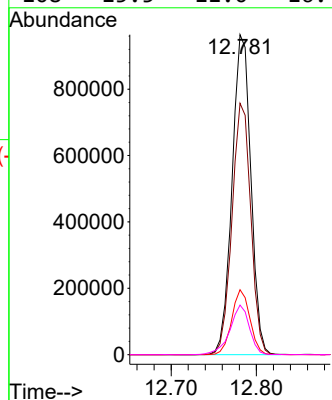
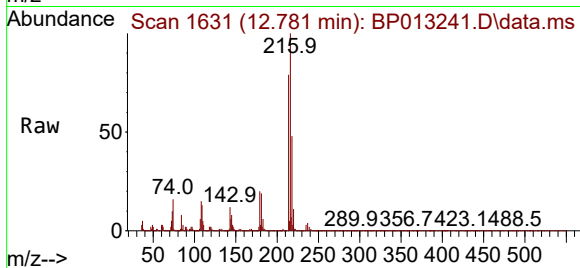




#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.834 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

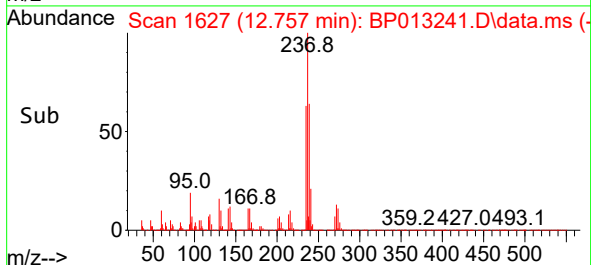
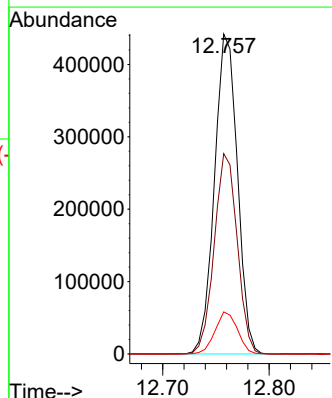
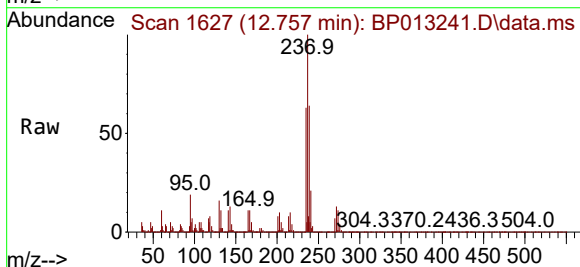
Instrument :
BNA_P
ClientSampleId :
SLCS826

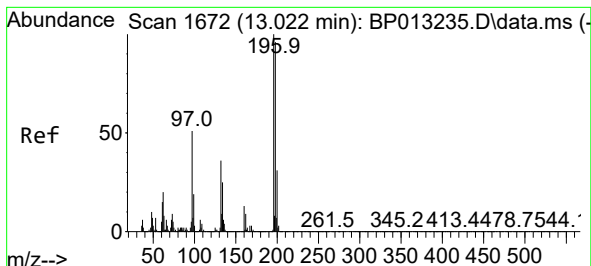
Tgt Ion:216 Resp: 1474301
Ion Ratio Lower Upper
216 100
214 78.6 61.9 92.9
179 20.3 15.0 22.6
108 15.5 11.0 16.4



#40
Hexachlorocyclopentadiene
Concen: 26.776 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:237 Resp: 661493
Ion Ratio Lower Upper
237 100
235 62.6 49.7 74.5
272 13.2 10.8 16.2





#41

2,4,6-Trichlorophenol

Concen: 37.386 ng/ul

RT: 13.022 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

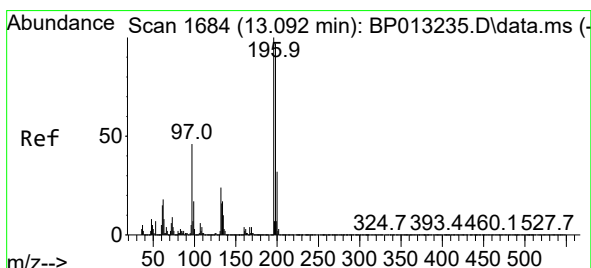
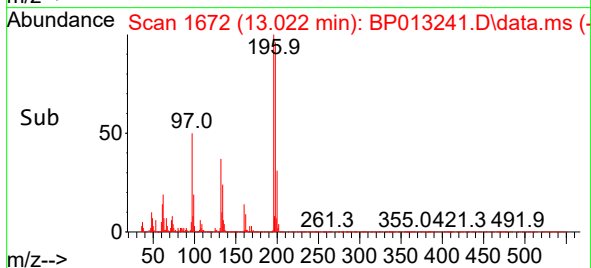
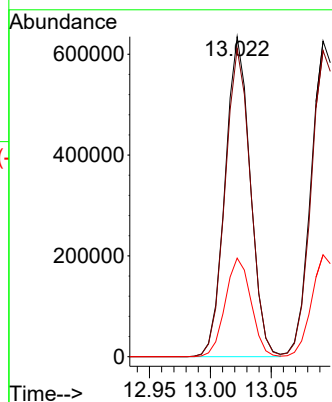
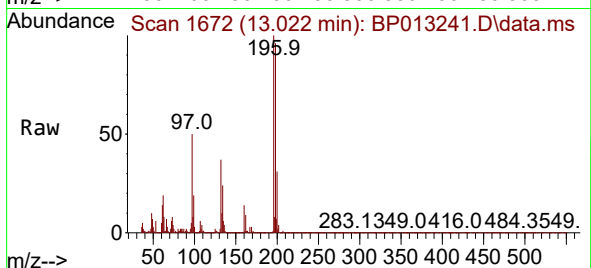
Tgt Ion:196 Resp: 912157

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.6

200 30.8 25.3 37.9



#42

2,4,5-Trichlorophenol

Concen: 36.959 ng/ul

RT: 13.093 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

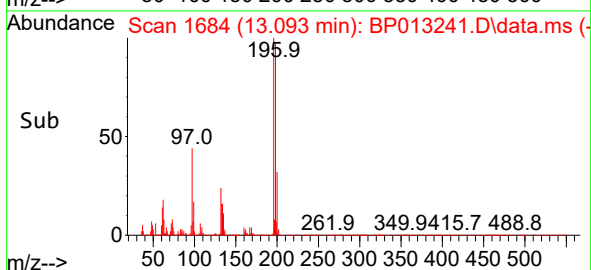
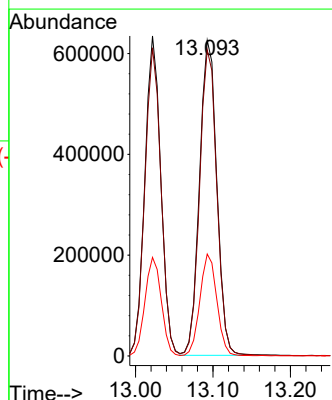
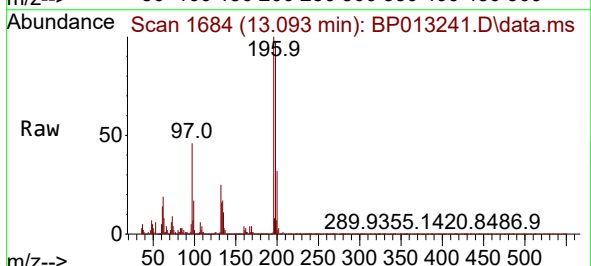
Tgt Ion:196 Resp: 968586

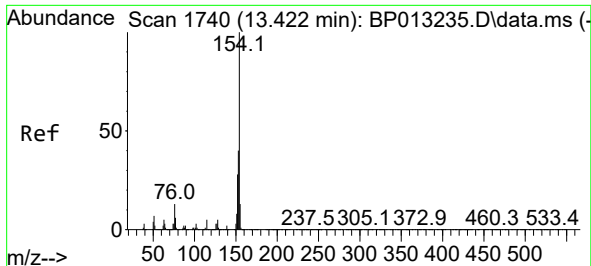
Ion Ratio Lower Upper

196 100

198 97.0 77.1 115.7

200 32.3 25.4 38.2

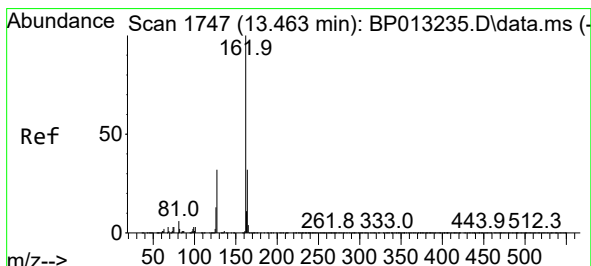
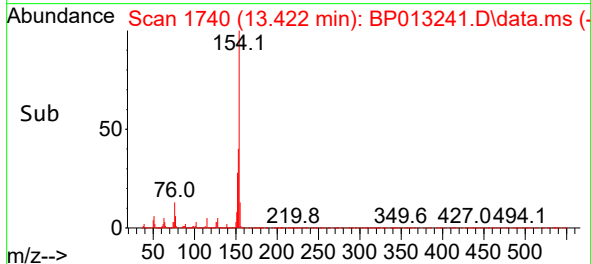
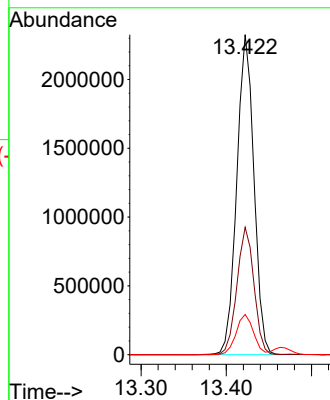
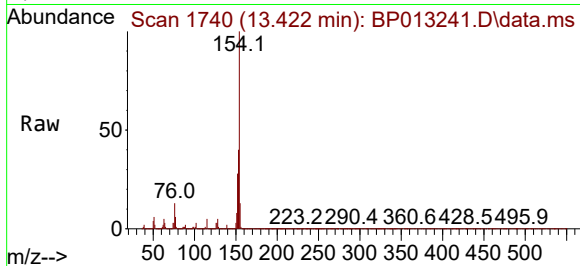




#43
1,1'-Biphenyl
Concen: 36.752 ng/ul
RT: 13.422 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

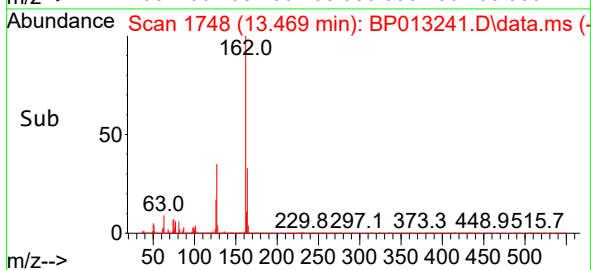
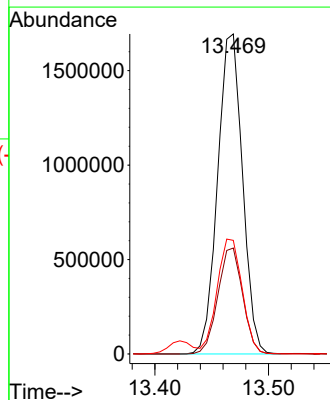
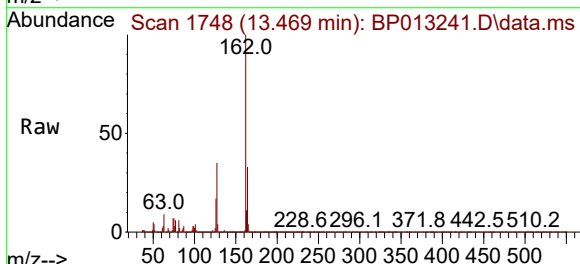
Instrument :
BNA_P
ClientSampleId :
SLCS826

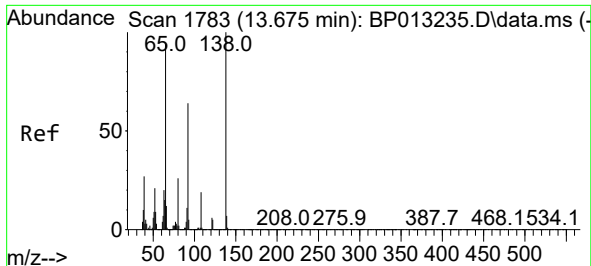
Tgt Ion:154 Resp: 3254274
Ion Ratio Lower Upper
154 100
153 39.8 31.5 47.3
76 12.5 9.6 14.4



#44
2-Chloronaphthalene
Concen: 36.938 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:162 Resp: 2574213
Ion Ratio Lower Upper
162 100
164 33.1 26.3 39.5
127 35.5 29.3 43.9

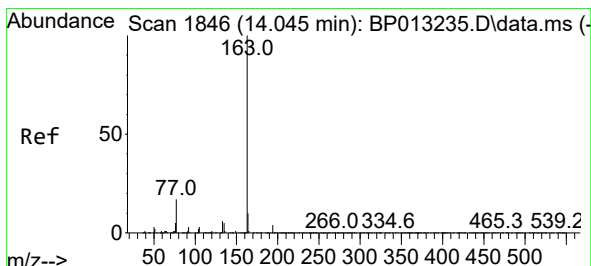
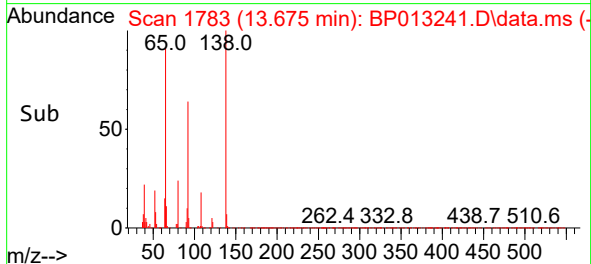
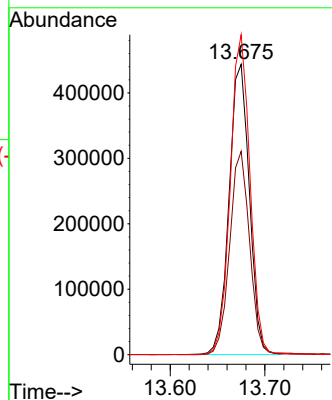
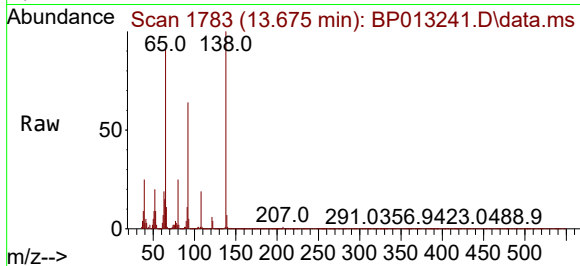




#45
2-Nitroaniline
Concen: 39.017 ng/ul
RT: 13.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

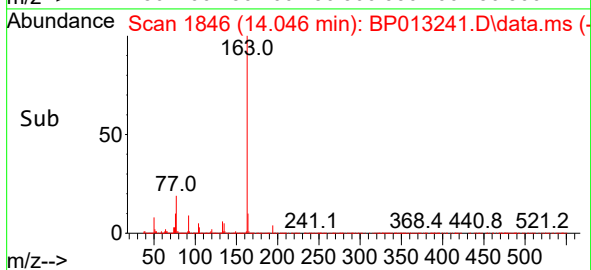
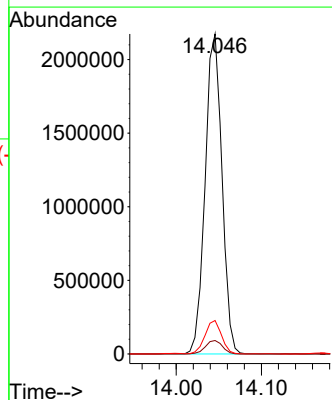
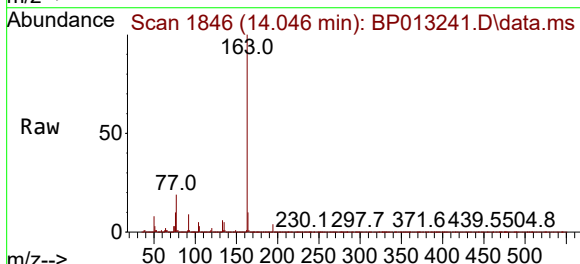
Instrument :
BNA_P
ClientSampleId :
SLCS826

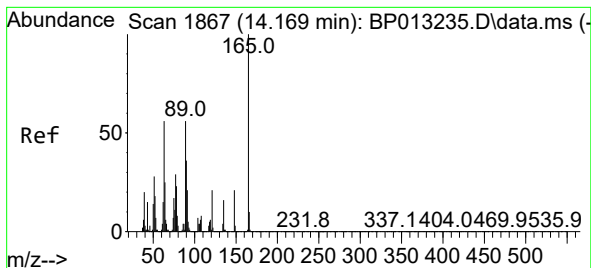
Tgt Ion: 65 Resp: 659260
Ion Ratio Lower Upper
65 100
92 70.0 56.4 84.6
138 110.2 90.3 135.5



#47
Dimethylphthalate
Concen: 33.191 ng/ul
RT: 14.046 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:163 Resp: 2980835
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.5 8.3 12.5





#48

2,6-Dinitrotoluene

Concen: 35.185 ng/ul

RT: 14.169 min Scan# 1867

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

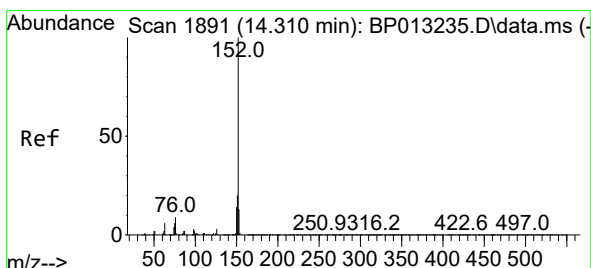
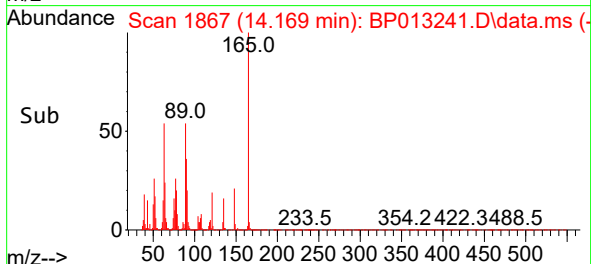
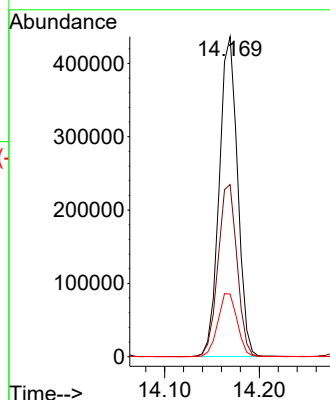
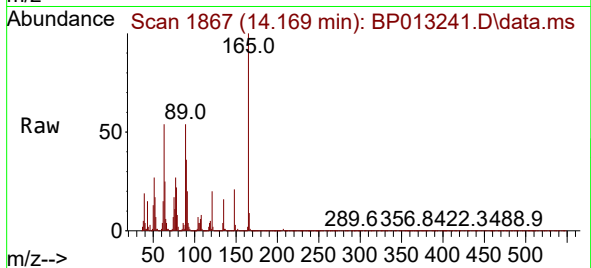
Tgt Ion:165 Resp: 587250

Ion Ratio Lower Upper

165 100

89 53.8 43.0 64.4

121 19.5 16.1 24.1



#50

Acenaphthylene

Concen: 35.421 ng/ul

RT: 14.310 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

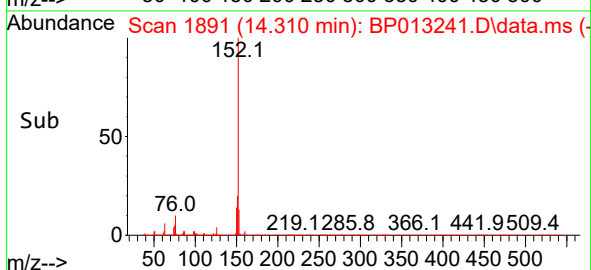
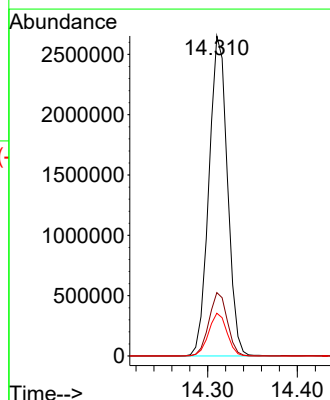
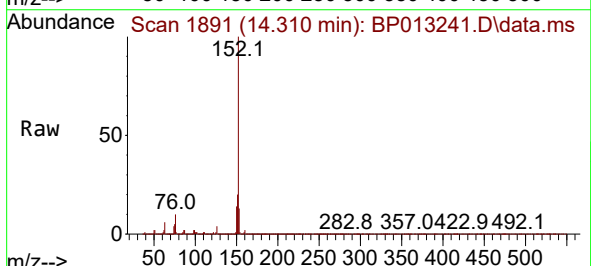
Tgt Ion:152 Resp: 3791597

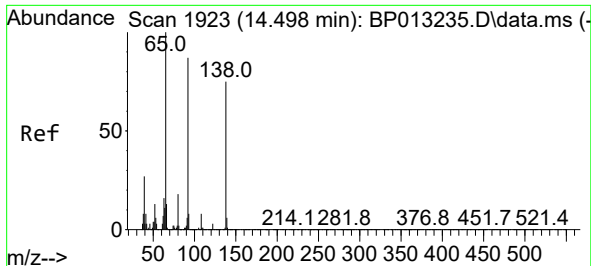
Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.4 10.6 16.0

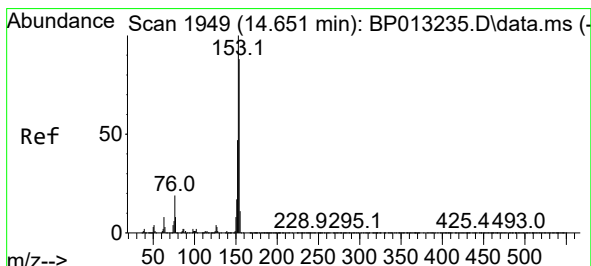
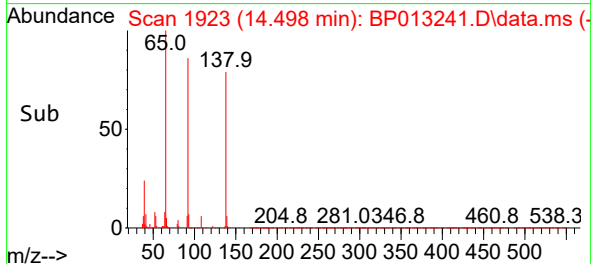
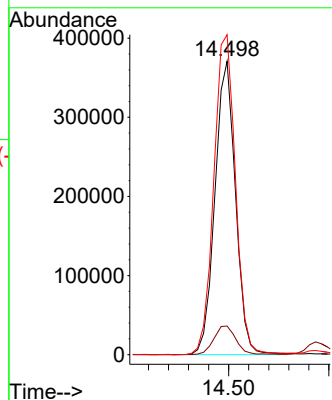
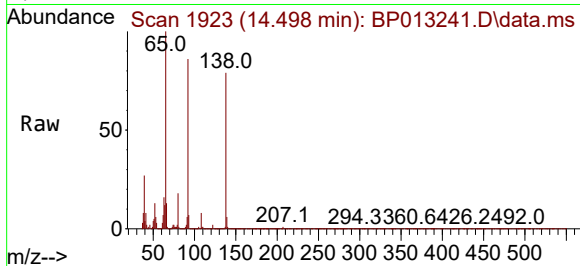




#51
3-Nitroaniline
Concen: 33.491 ng/ul
RT: 14.498 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

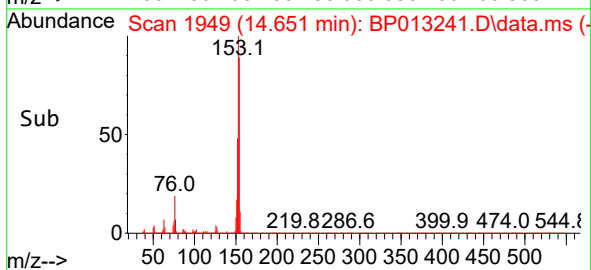
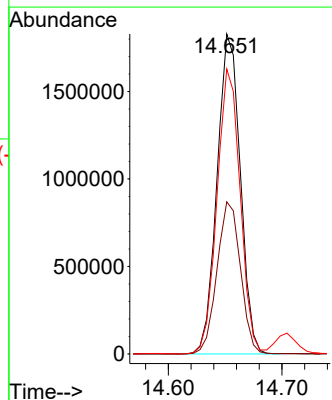
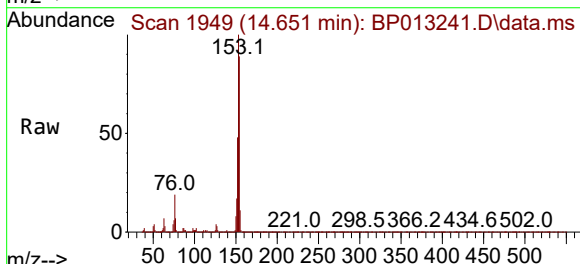
Instrument :
BNA_P
ClientSampleId :
SLCS826

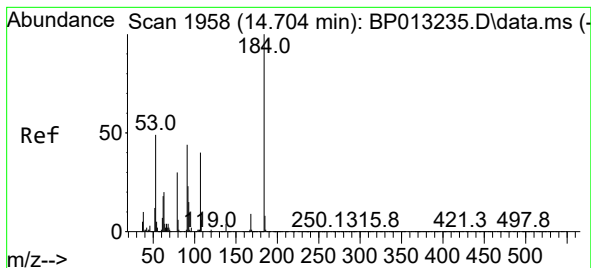
Tgt Ion:138 Resp: 527810
Ion Ratio Lower Upper
138 100
108 9.8 8.6 13.0
92 109.0 88.4 132.6



#52
Acenaphthene
Concen: 35.075 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:153 Resp: 2601757
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.4
154 89.1 70.8 106.2

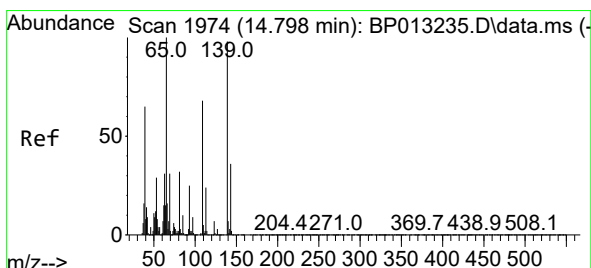
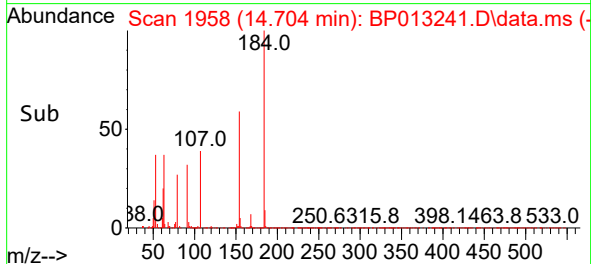
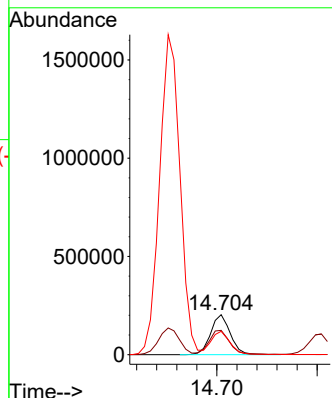
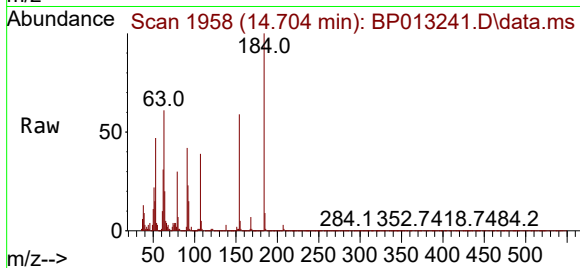




#53
2,4-Dinitrophenol
Concen: 24.357 ng/ul
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

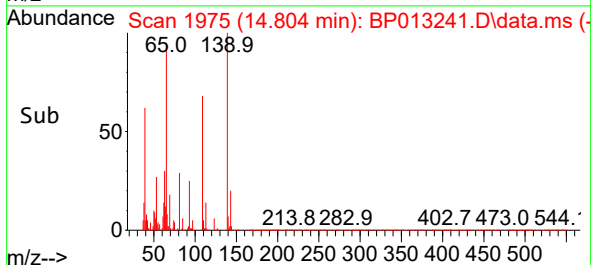
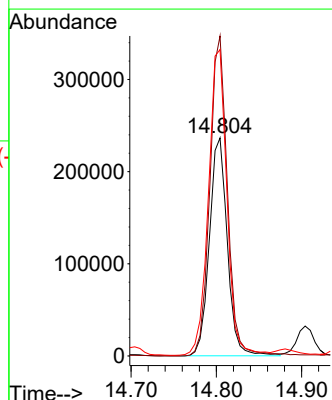
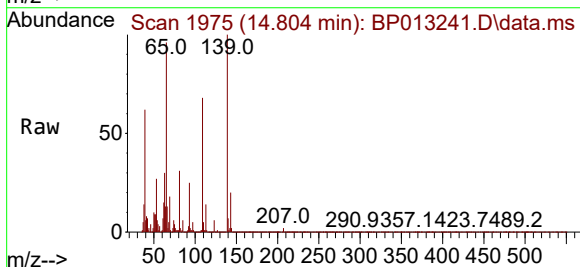
Instrument :
BNA_P
ClientSampleId :
SLCS826

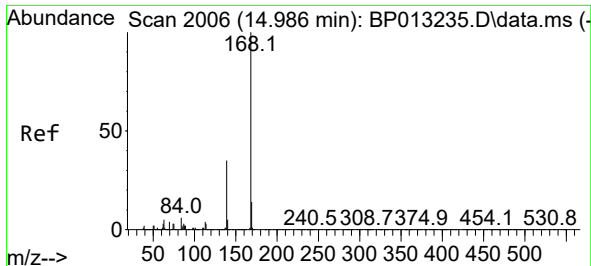
Tgt Ion:184 Resp: 277879
Ion Ratio Lower Upper
184 100
63 60.8 48.4 72.6
154 58.5 45.5 68.3



#55
4-Nitrophenol
Concen: 31.102 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:109 Resp: 345895
Ion Ratio Lower Upper
109 100
139 146.7 120.8 181.2
65 140.5 107.9 161.9

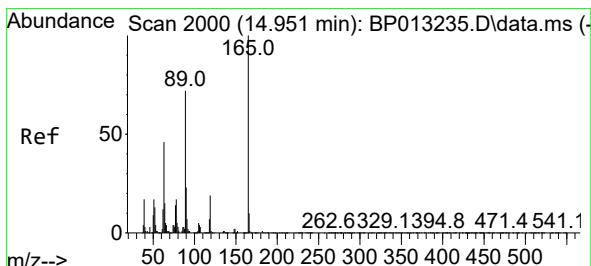
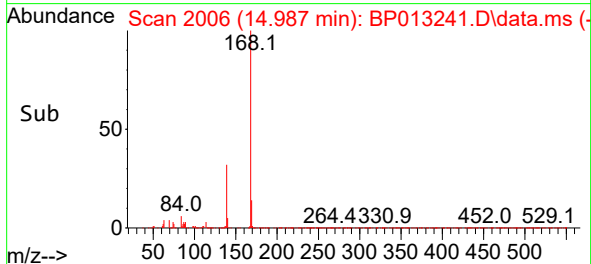
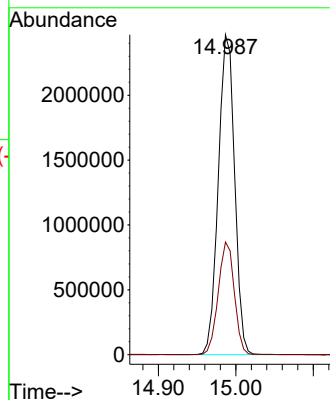
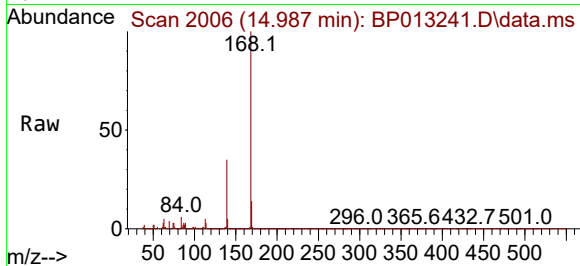




#56
Dibenzofuran
Concen: 34.167 ng/ul
RT: 14.987 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

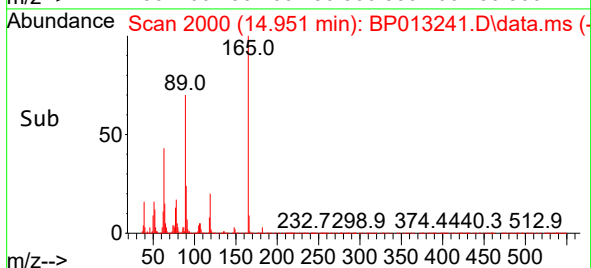
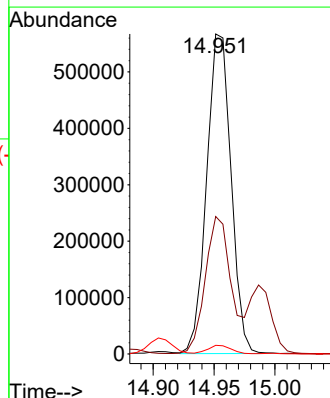
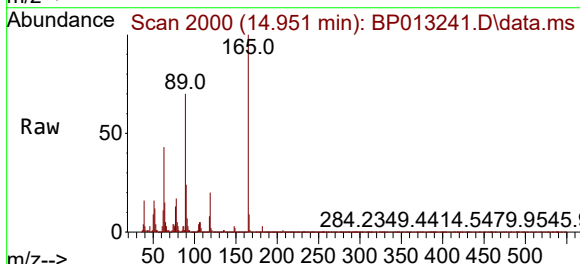
Instrument :
BNA_P
ClientSampleId :
SLCS826

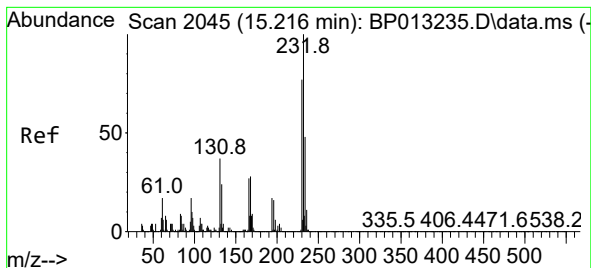
Tgt Ion:168 Resp: 3603389
Ion Ratio Lower Upper
168 100
139 35.2 27.9 41.9



#57
2,4-Dinitrotoluene
Concen: 32.684 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:165 Resp: 792380
Ion Ratio Lower Upper
165 100
63 42.9 31.8 47.6
182 2.7 2.1 3.1



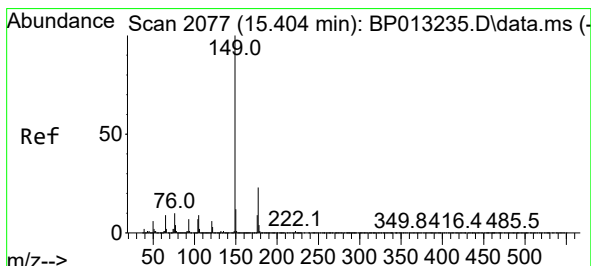
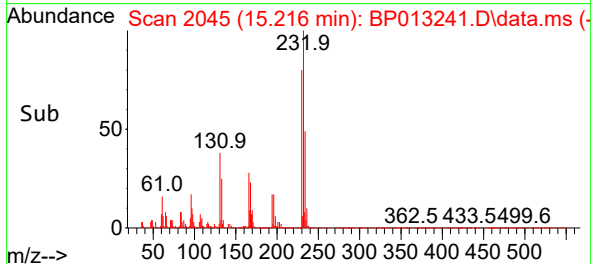
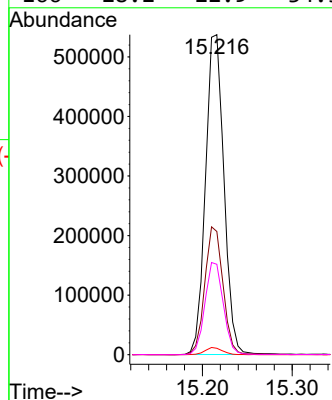
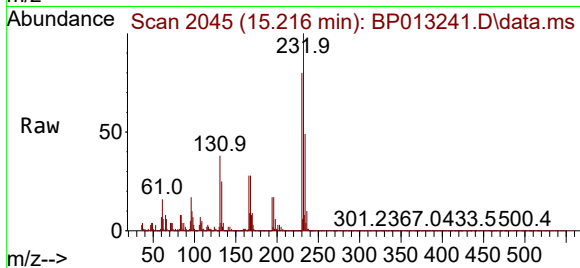


#58
2,3,4,6-Tetrachlorophenol
Concen: 32.100 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Instrument :
BNA_P
ClientSampleId :
SLCS826

Tgt Ion:232 Resp: 767720

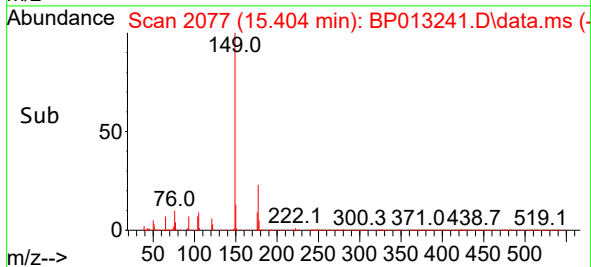
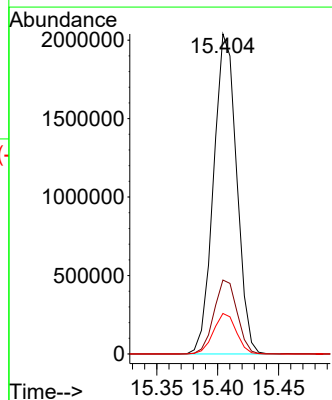
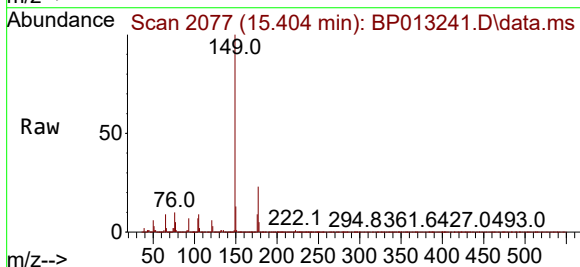
Ion	Ratio	Lower	Upper
232	100		
131	38.5	31.8	47.6
130	2.0	1.8	2.6
166	28.2	22.9	34.3

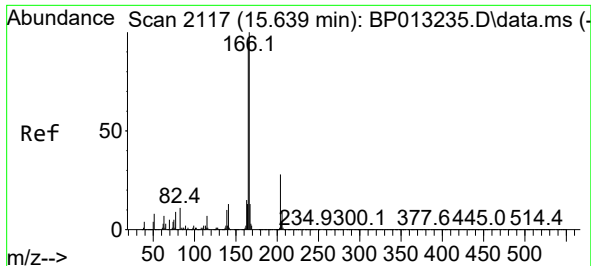


#59
Diethylphthalate
Concen: 30.827 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:149 Resp: 2691310

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	12.6	9.9	14.9

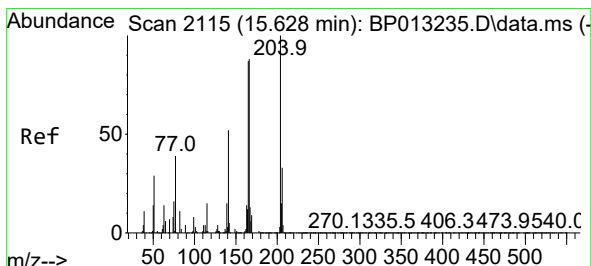
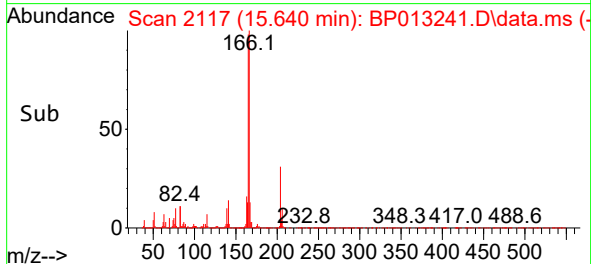
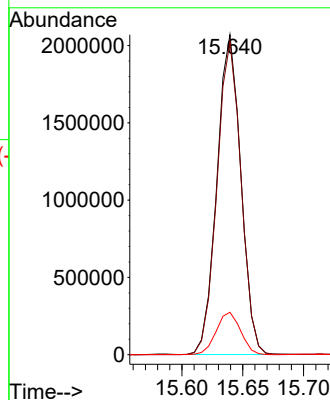
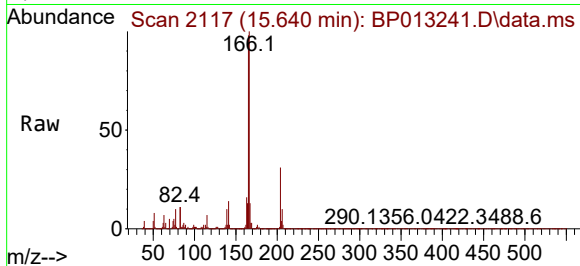




#61
Fluorene
Concen: 33.485 ng/ul
RT: 15.640 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

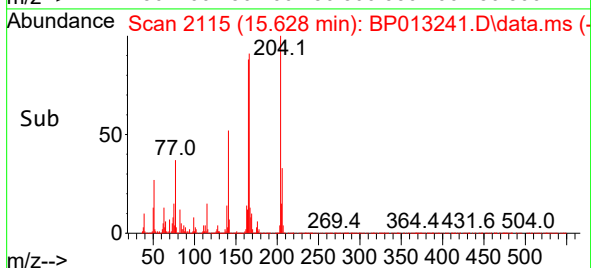
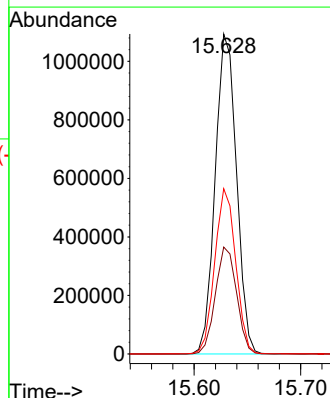
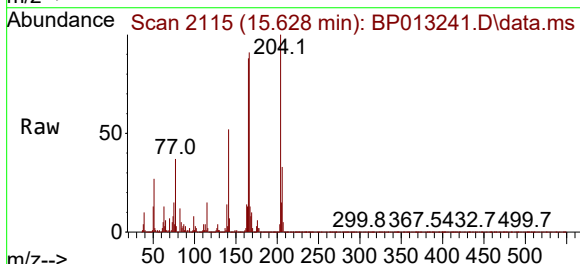
Instrument :
BNA_P
ClientSampleId :
SLCS826

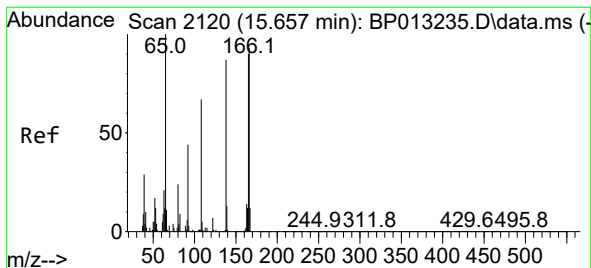
Tgt Ion:166 Resp: 2832192
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.2
167 13.3 10.6 16.0



#62
4-Chlorophenyl-phenylether
Concen: 33.946 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:204 Resp: 1518382
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 51.6 40.4 60.6

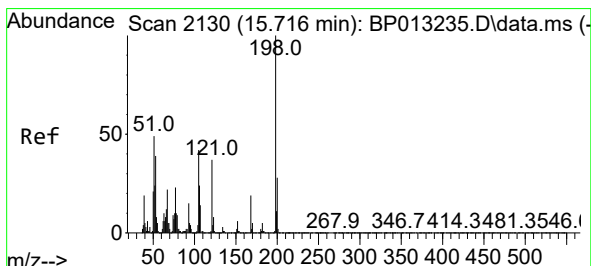
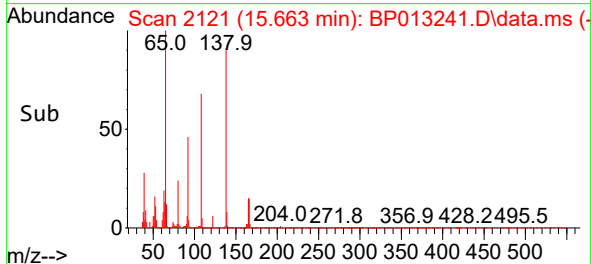
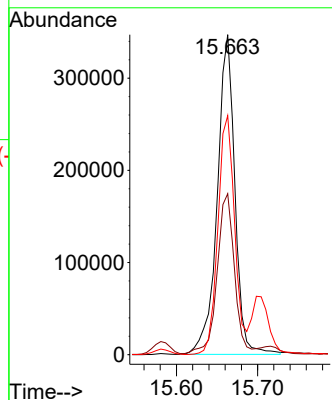
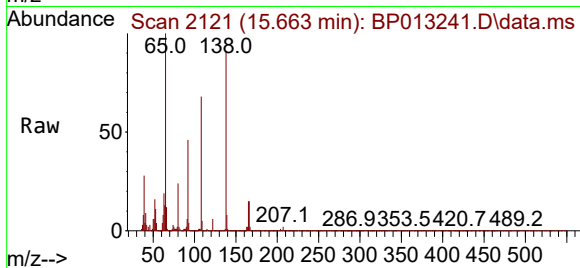




#63
4-Nitroaniline
Concen: 37.910 ng/ul
RT: 15.663 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

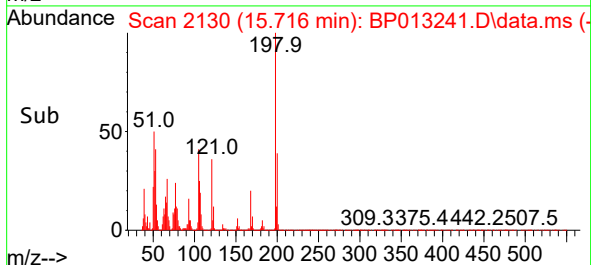
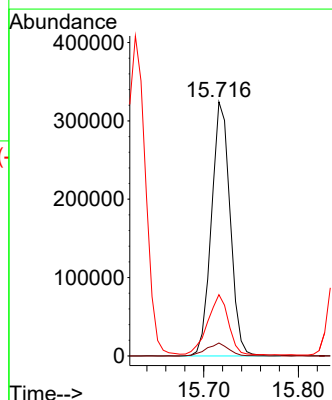
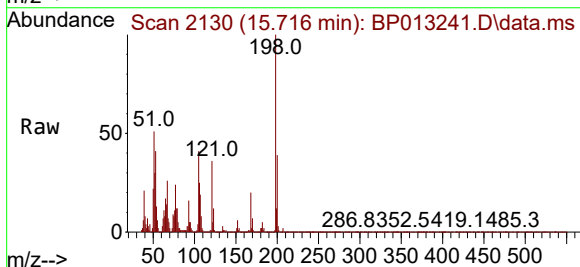
Instrument :
BNA_P
ClientSampleId :
SLCS826

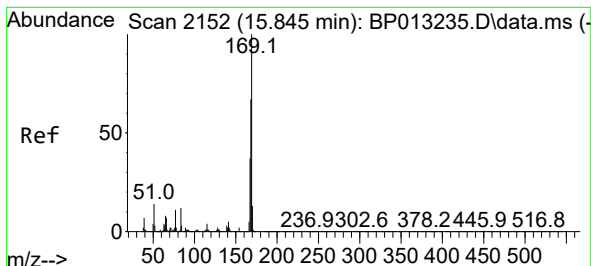
Tgt Ion:138 Resp: 525730
Ion Ratio Lower Upper
138 100
92 50.3 39.0 58.4
108 74.7 55.1 82.7



#66
4,6-Dinitro-2-methylphenol
Concen: 33.294 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:198 Resp: 444536
Ion Ratio Lower Upper
198 100
182 5.1 3.3 4.9#
77 24.1 16.6 25.0





#67

N-Nitrosodiphenylamine

Concen: 39.546 ng/ul

RT: 15.845 min Scan# 2152

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

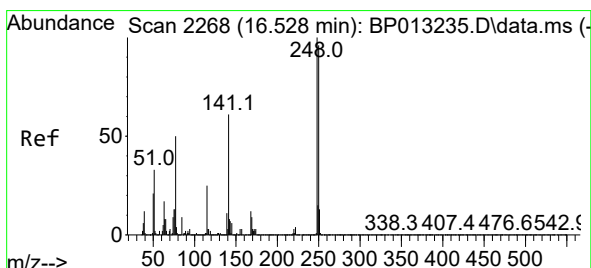
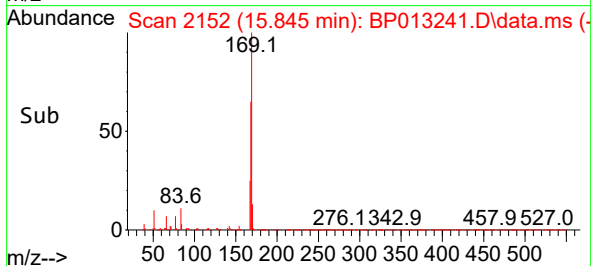
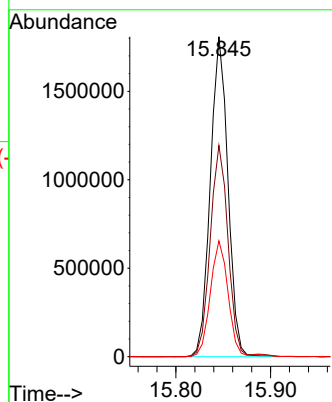
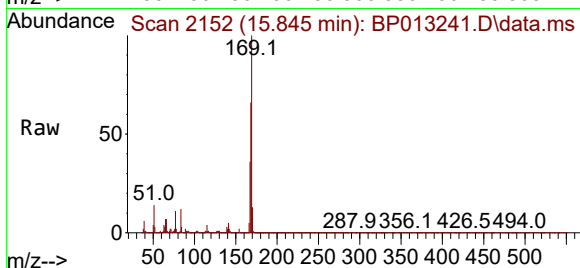
Tgt Ion:169 Resp: 2327786

Ion Ratio Lower Upper

169 100

168 66.0 53.0 79.6

167 36.2 29.1 43.7



#68

4-Bromophenyl-phenylether

Concen: 38.029 ng/ul

RT: 16.528 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

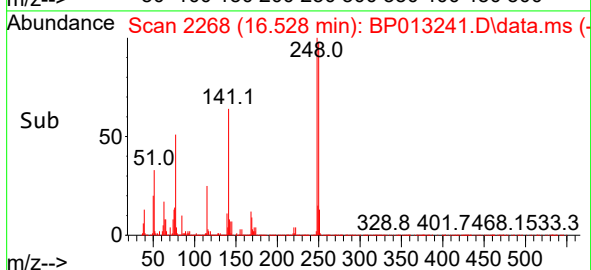
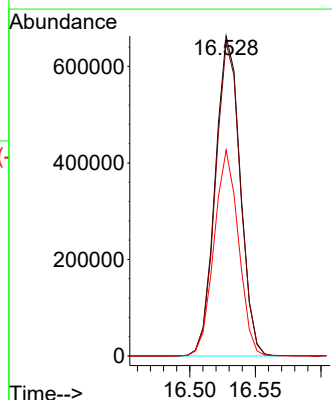
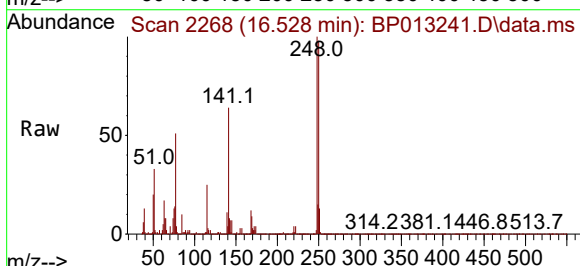
Tgt Ion:248 Resp: 876849

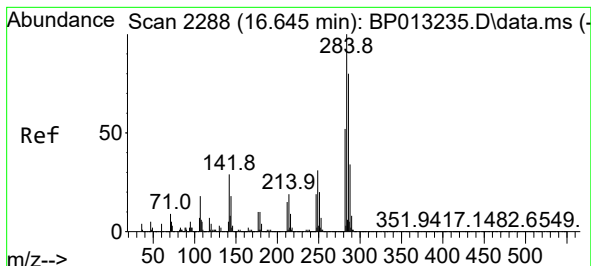
Ion Ratio Lower Upper

248 100

250 97.8 77.4 116.0

141 64.3 48.3 72.5





#69

Hexachlorobenzene

Concen: 36.845 ng/ul

RT: 16.645 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

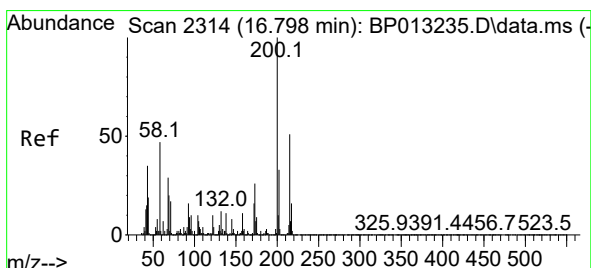
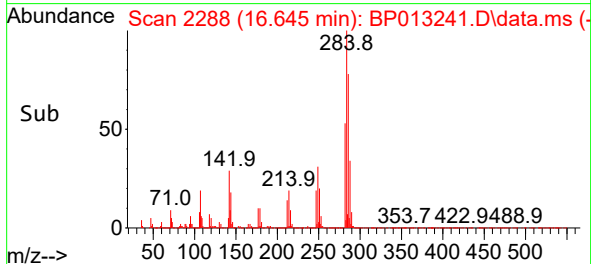
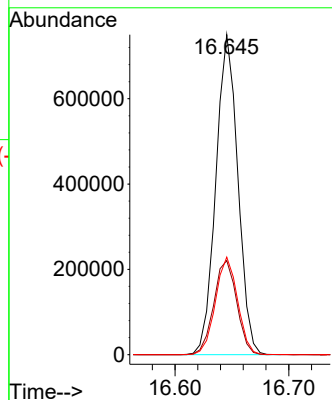
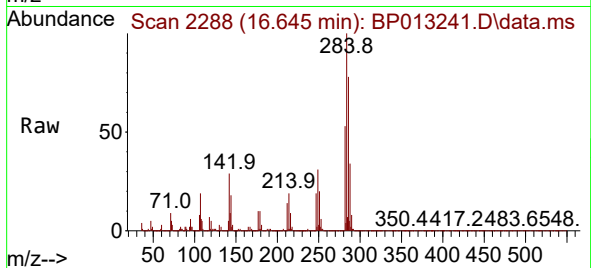
Tgt Ion:284 Resp: 1008736

Ion Ratio Lower Upper

284 100

142 29.4 22.6 34.0

249 30.5 24.6 37.0



#70

Atrazine

Concen: 33.154 ng/ul

RT: 16.798 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

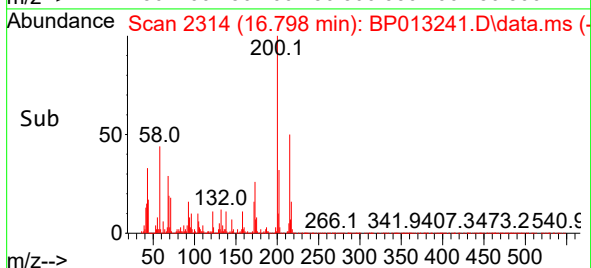
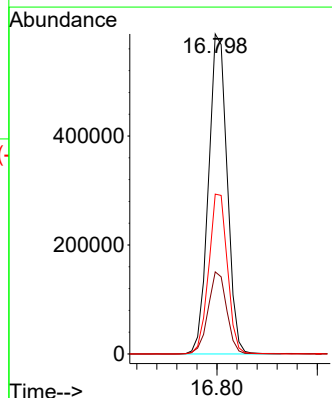
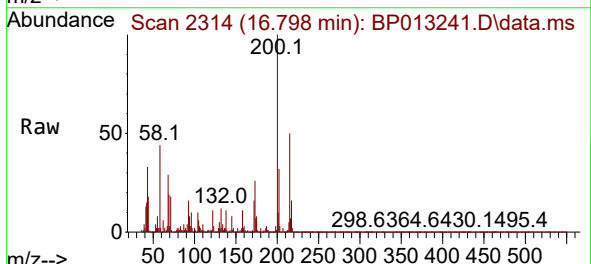
Tgt Ion:200 Resp: 760494

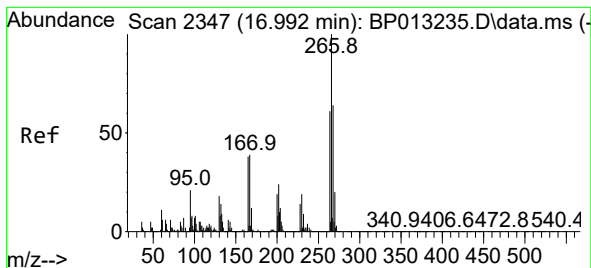
Ion Ratio Lower Upper

200 100

173 25.7 20.5 30.7

215 50.0 39.9 59.9





#71

Pentachlorophenol

Concen: 34.153 ng/ul

RT: 16.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

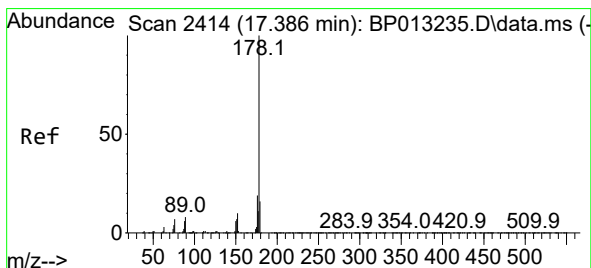
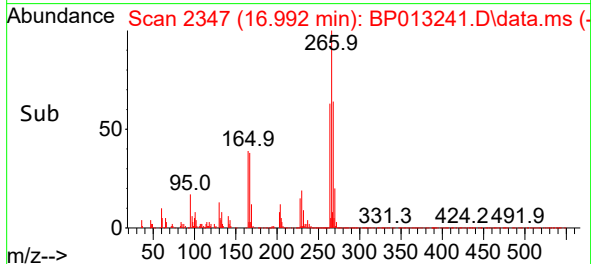
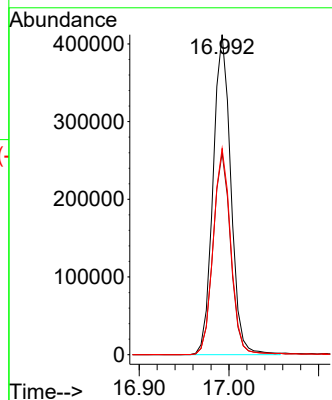
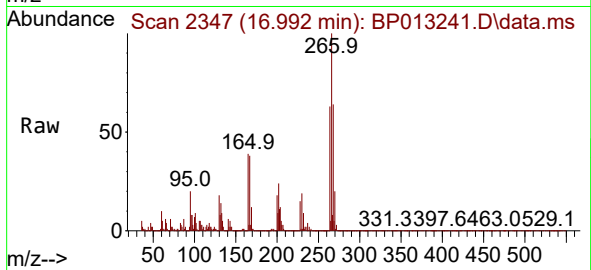
Tgt Ion:266 Resp: 566254

Ion Ratio Lower Upper

266 100

264 63.0 50.9 76.3

268 64.5 51.4 77.2



#72

Phenanthrene

Concen: 36.098 ng/ul

RT: 17.387 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

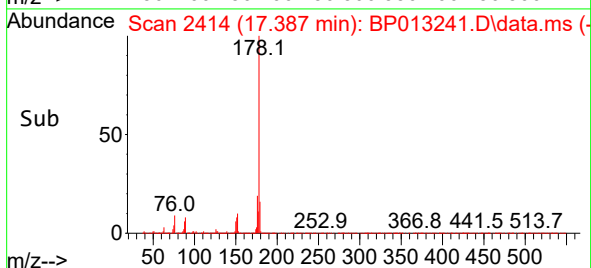
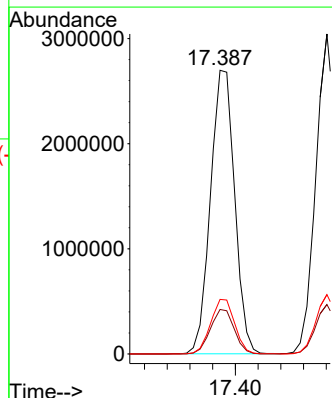
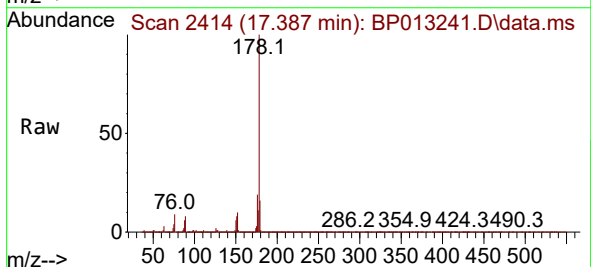
Tgt Ion:178 Resp: 3991996

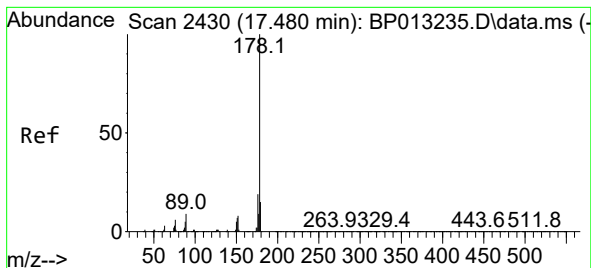
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.3 15.4 23.0





#74

Anthracene

Concen: 36.540 ng/uI

RT: 17.481 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

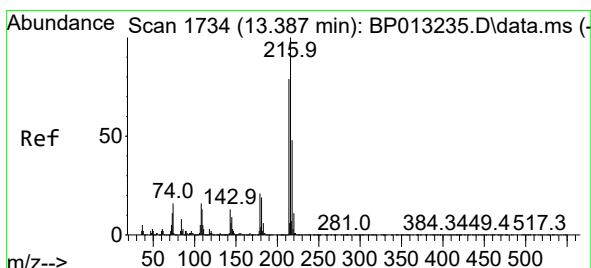
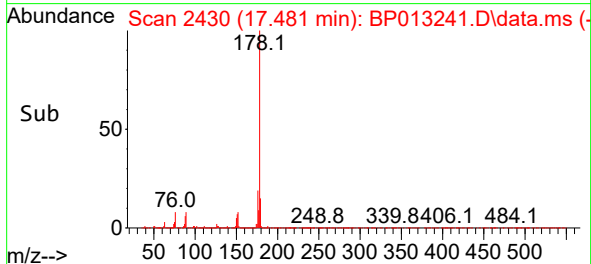
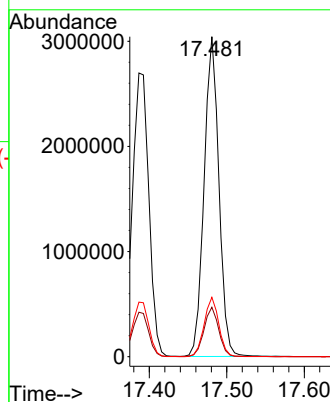
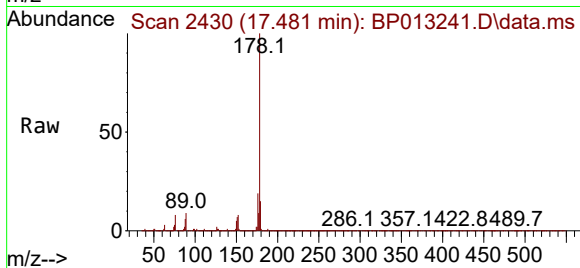
Tgt Ion:178 Resp: 4034774

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.6 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 48.429 ng/uI

RT: 13.387 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

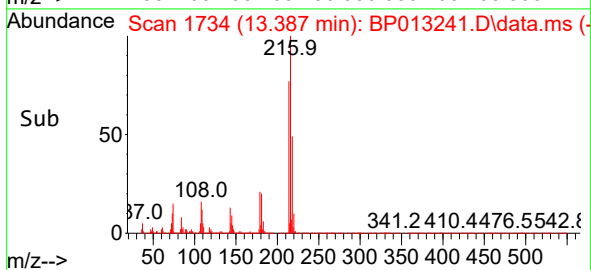
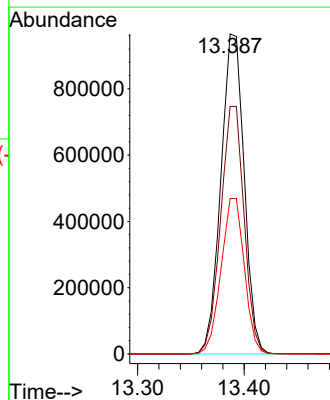
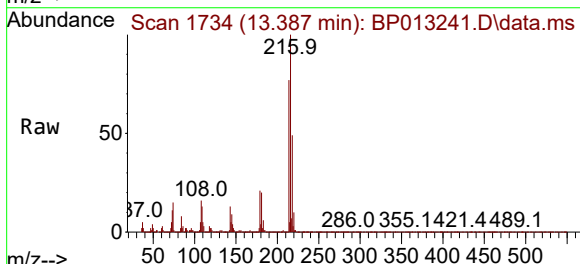
Tgt Ion:216 Resp: 1466996

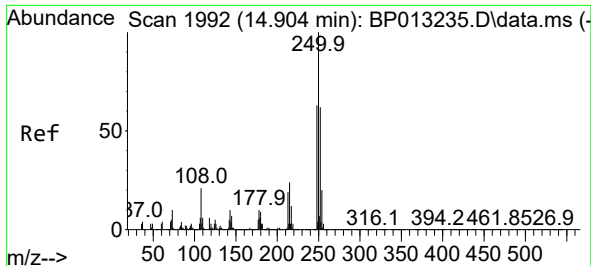
Ion Ratio Lower Upper

216 100

214 77.4 62.2 93.2

218 48.5 38.9 58.3

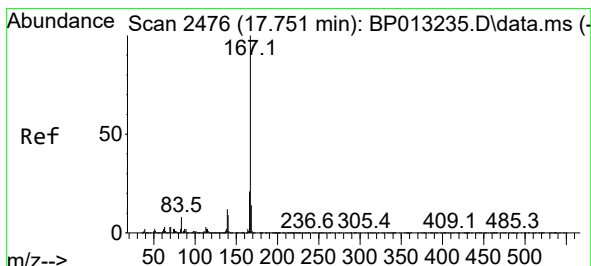
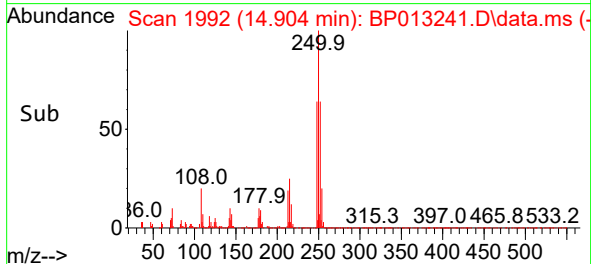
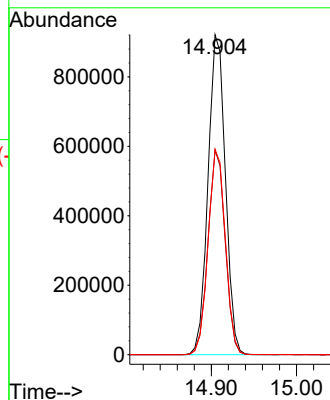
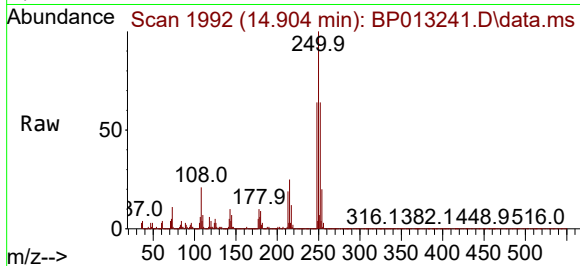




#76
Pentachlorobenzene
Concen: 42.203 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

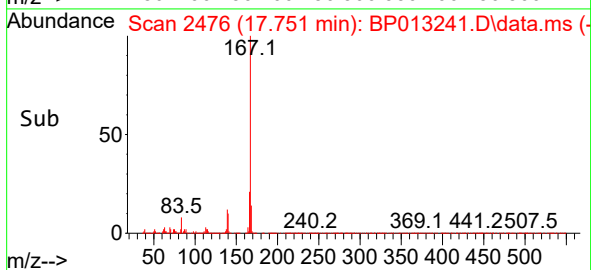
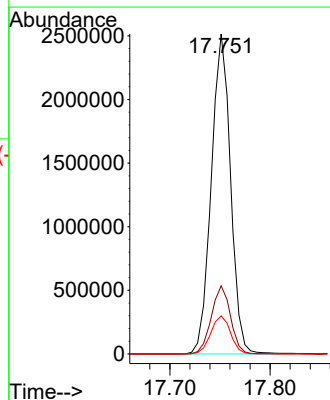
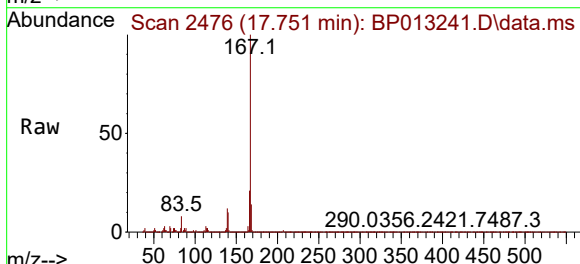
Instrument :
BNA_P
ClientSampleId :
SLCS826

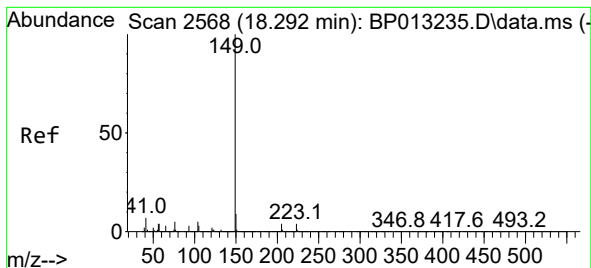
Tgt Ion:250 Resp: 1303409
Ion Ratio Lower Upper
250 100
248 63.9 50.6 76.0
252 64.2 51.1 76.7



#77
Carbazole
Concen: 36.119 ng/uL
RT: 17.751 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:167 Resp: 3358814
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 11.9 9.4 14.2





#78

Di-n-butylphthalate

Concen: 32.159 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

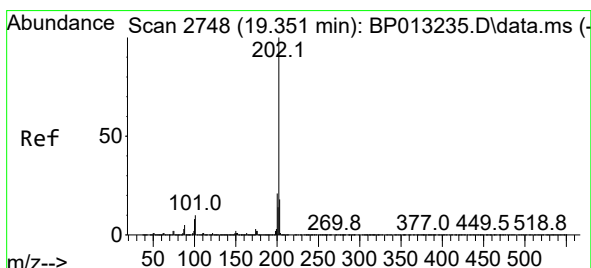
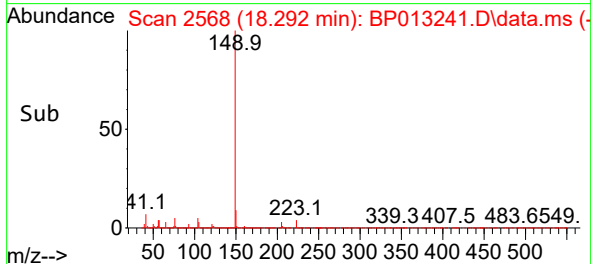
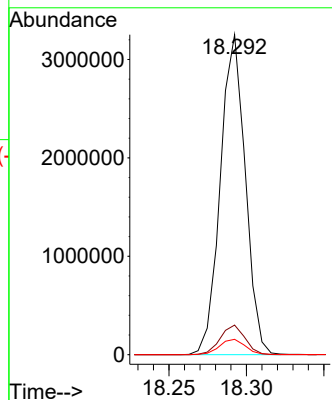
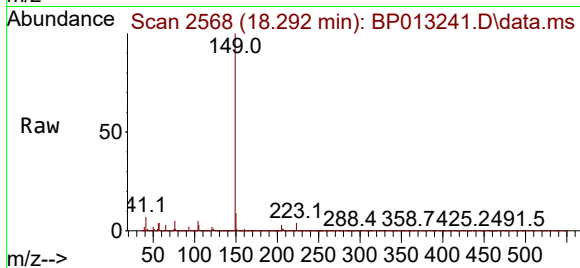
Tgt Ion:149 Resp: 3641197

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 3.8 5.6



#80

Fluoranthene

Concen: 35.431 ng/ul

RT: 19.351 min Scan# 2748

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

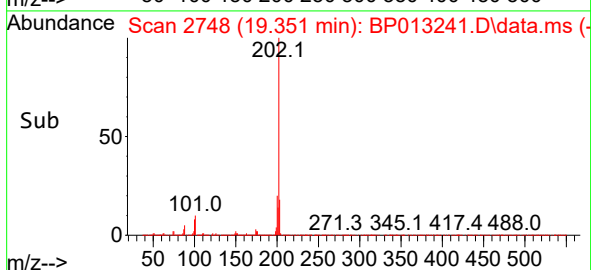
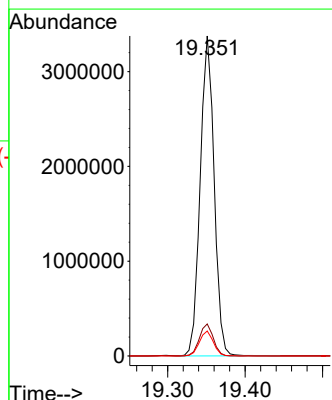
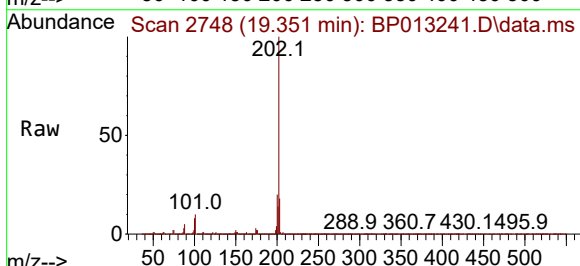
Tgt Ion:202 Resp: 4212758

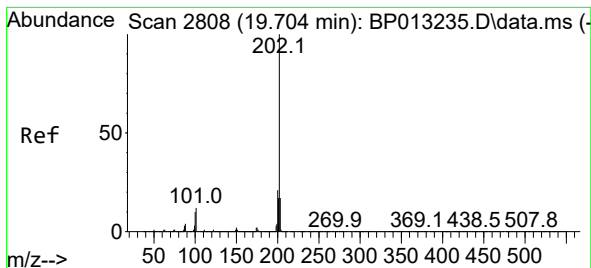
Ion Ratio Lower Upper

202 100

101 10.0 8.2 12.2

100 7.8 6.1 9.1





#82

Pyrene

Concen: 35.696 ng/ul

RT: 19.704 min Scan# 2808

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

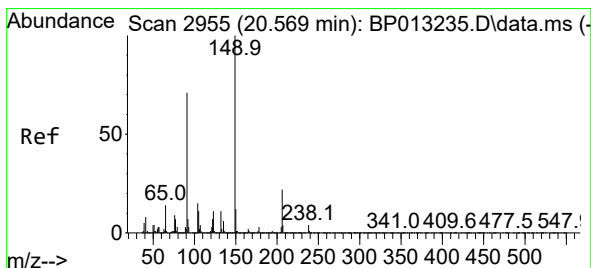
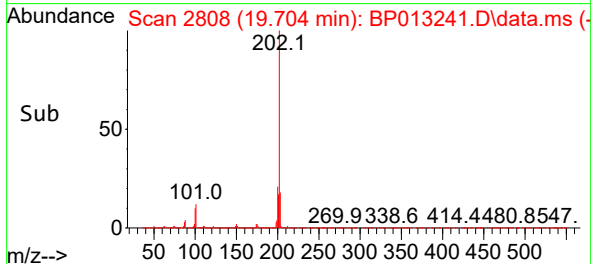
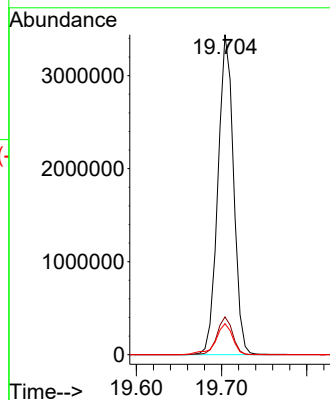
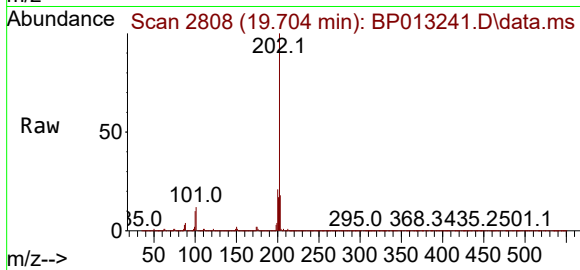
Tgt Ion:202 Resp: 4378184

Ion Ratio Lower Upper

202 100

101 11.8 9.4 14.2

100 9.7 7.8 11.8



#83

Butylbenzylphthalate

Concen: 28.461 ng/ul

RT: 20.569 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

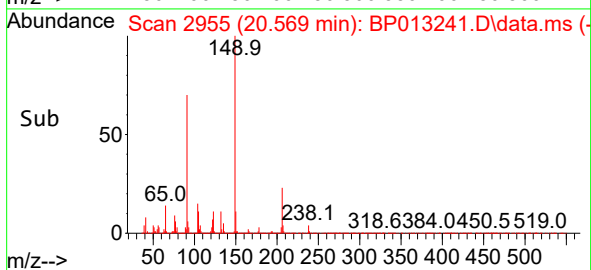
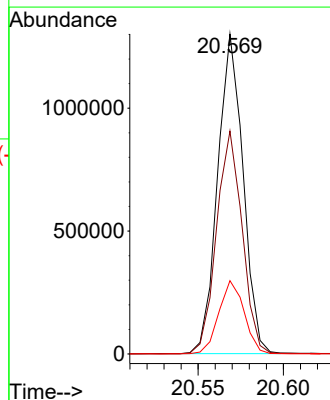
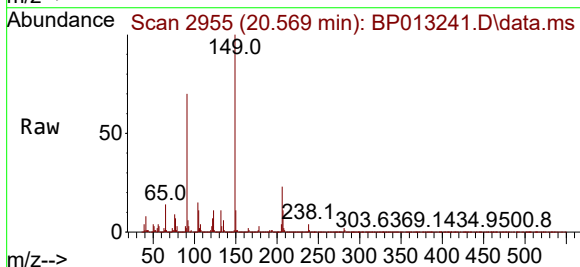
Tgt Ion:149 Resp: 1348552

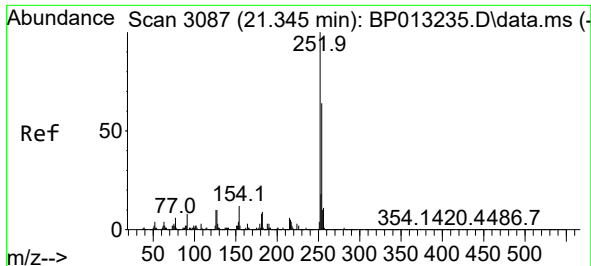
Ion Ratio Lower Upper

149 100

91 69.6 53.4 80.0

206 22.9 17.9 26.9

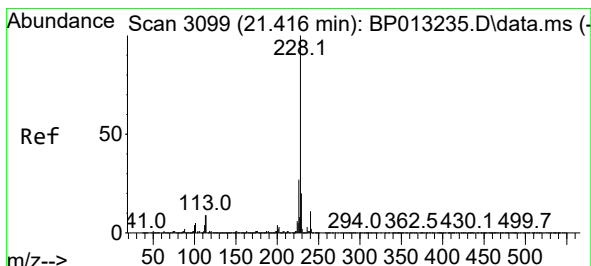
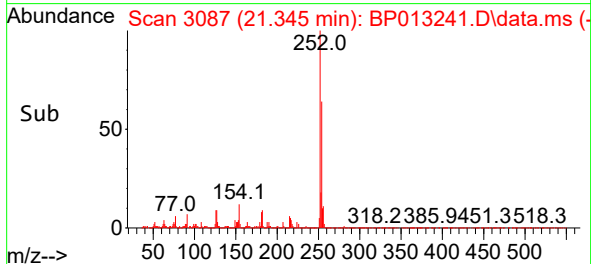
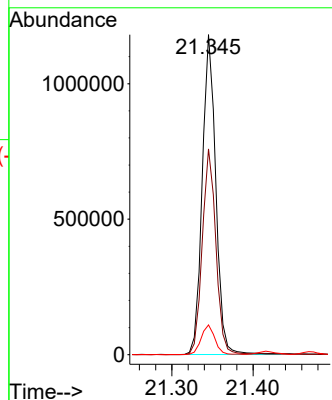
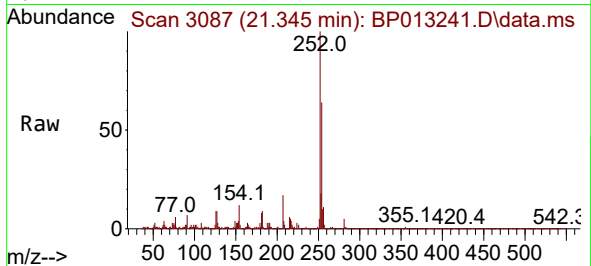




#84
3,3'-Dichlorobenzidine
Concen: 33.174 ng/ul
RT: 21.345 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

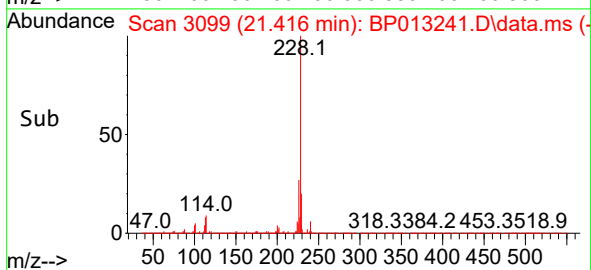
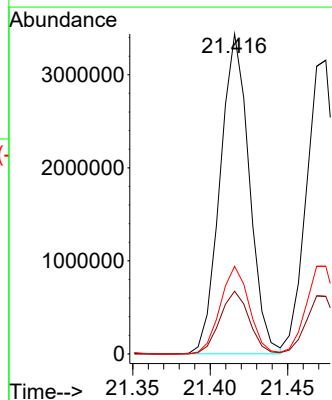
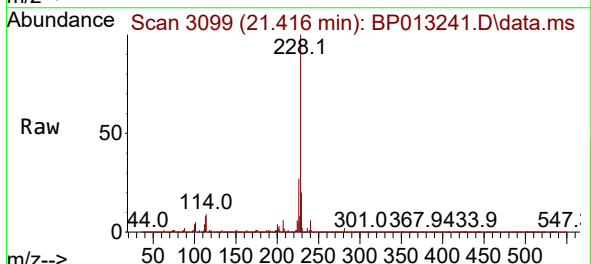
Instrument :
BNA_P
ClientSampleId :
SLCS826

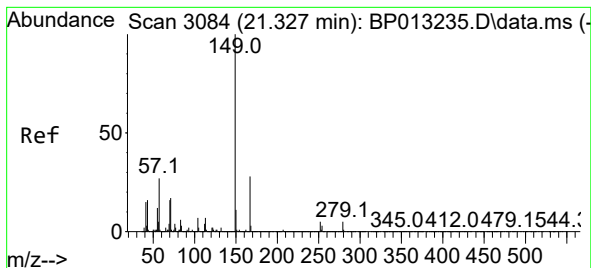
Tgt Ion:252 Resp: 1367759
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.8
126 9.3 7.4 11.2



#85
Benzo(a)anthracene
Concen: 37.182 ng/ul
RT: 21.416 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:228 Resp: 4504866
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.4 22.0 33.0

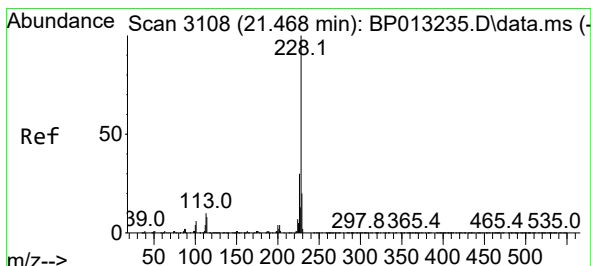
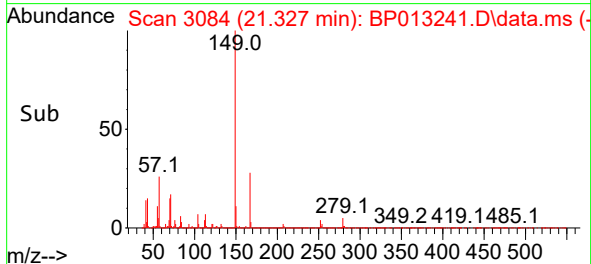
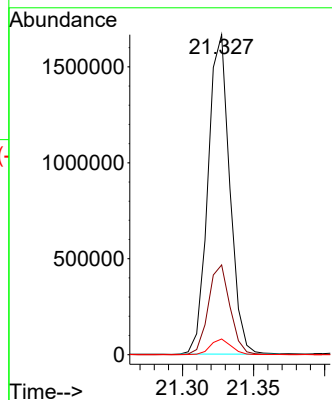
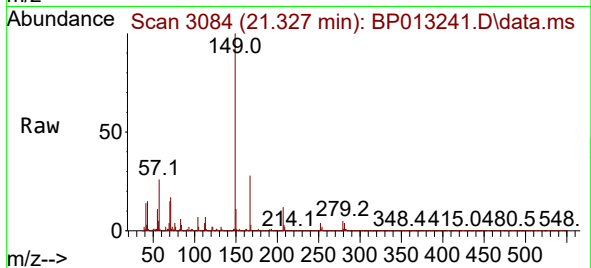




#86
Bis(2-ethylhexyl)phthalate
Concen: 26.599 ng/ul
RT: 21.327 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

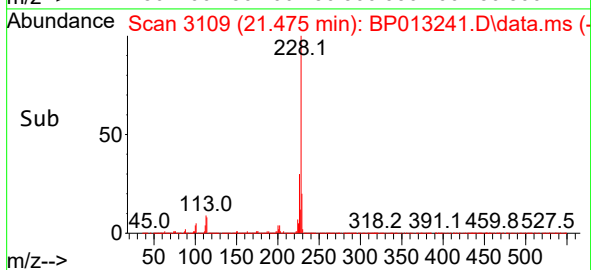
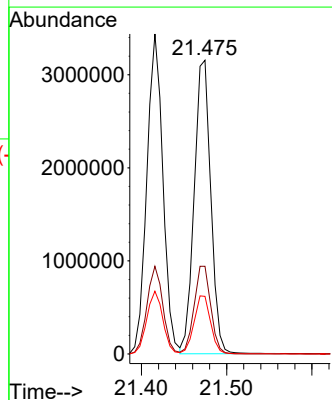
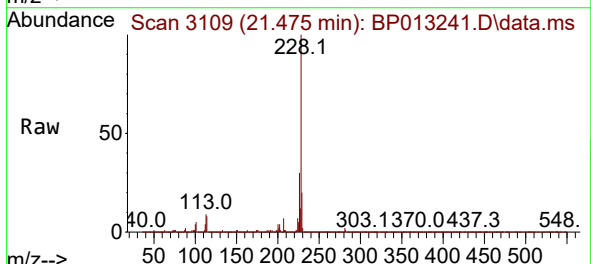
Instrument :
BNA_P
ClientSampleId :
SLCS826

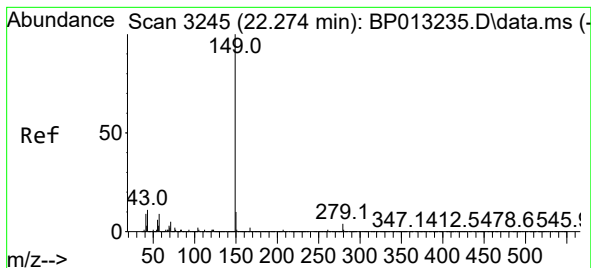
Tgt Ion:149 Resp: 1777888
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.9 3.8 5.8



#87
Chrysene
Concen: 37.165 ng/ul
RT: 21.475 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:228 Resp: 4258264
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.6 16.0 24.0





#89

Di-n-octyl phthalate

Concen: 27.185 ng/ul

RT: 22.274 min Scan# 3245

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

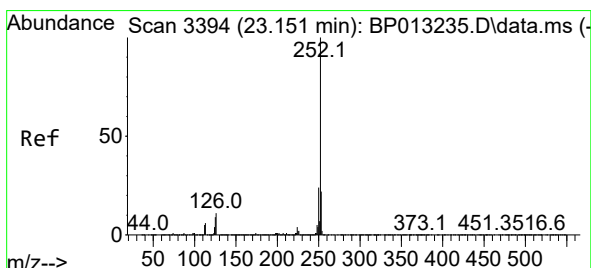
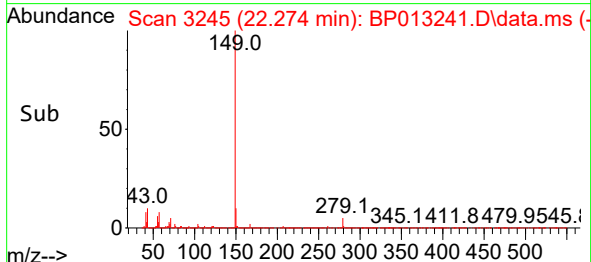
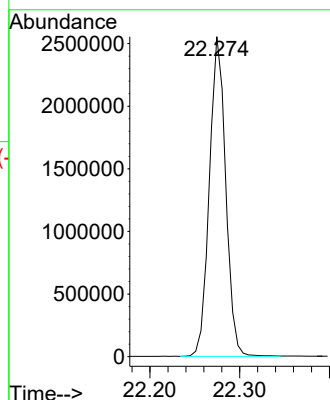
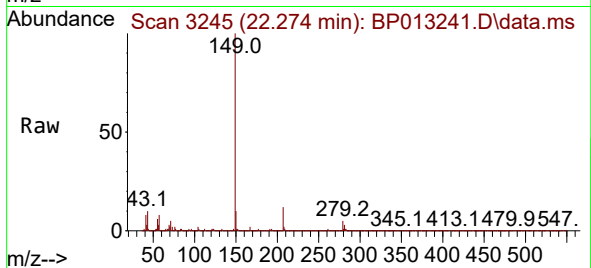
Instrument :

BNA_P

ClientSampleId :

SLCS826

Tgt Ion:149 Resp: 3221079



#90

Benzo(b)fluoranthene

Concen: 36.170 ng/ul

RT: 23.151 min Scan# 3394

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

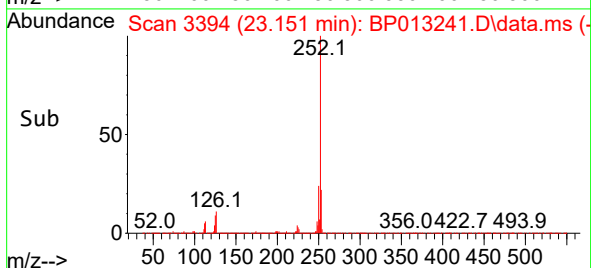
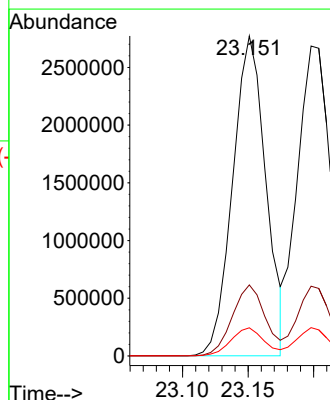
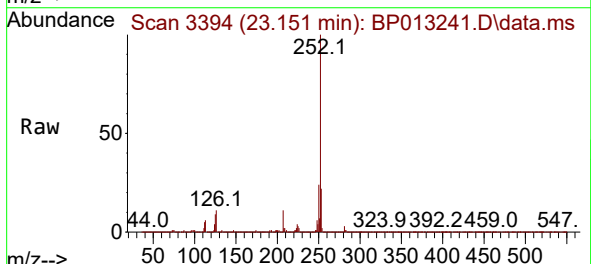
Tgt Ion:252 Resp: 4878198

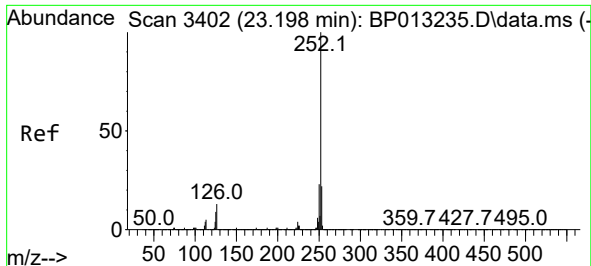
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.8 6.8 10.2

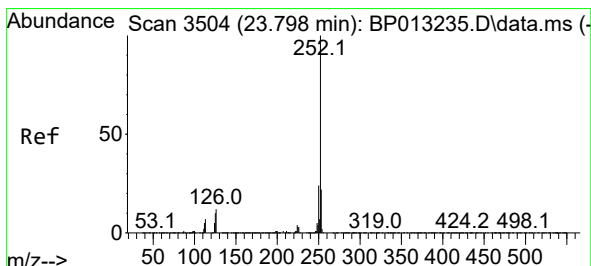
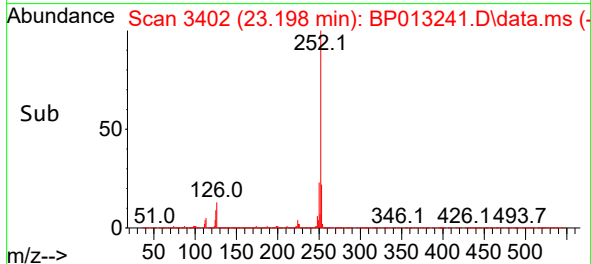
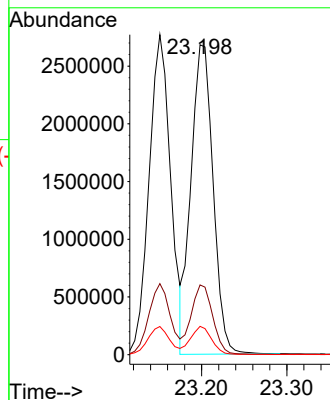
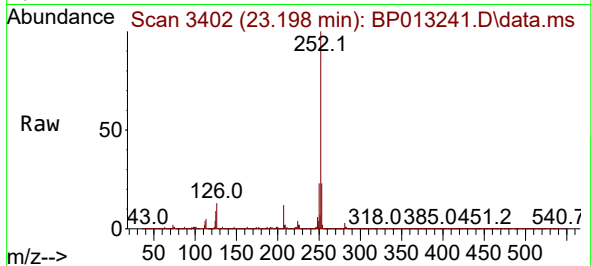




#91
Benzo(k)fluoranthene
Concen: 36.102 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

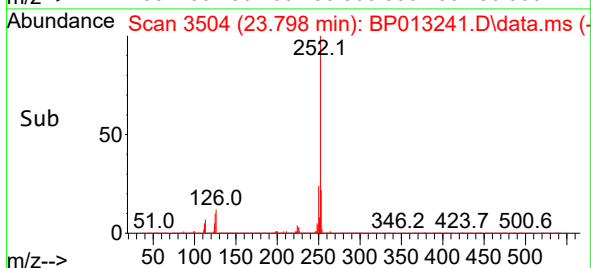
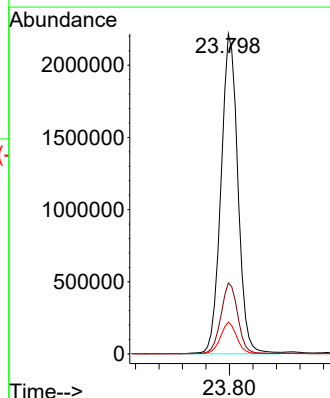
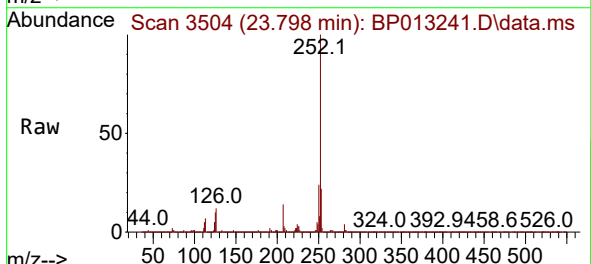
Instrument :
BNA_P
ClientSampleId :
SLCS826

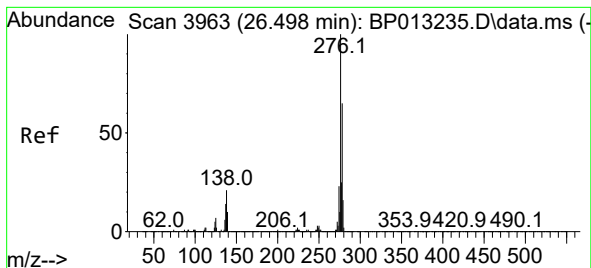
Tgt Ion:252 Resp: 4828071
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.2 6.8 10.2



#93
Benzo(a)pyrene
Concen: 37.551 ng/ul
RT: 23.798 min Scan# 3504
Delta R.T. -0.000 min
Lab File: BP013241.D
Acq: 22 Dec 2022 12:14

Tgt Ion:252 Resp: 4409705
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.0 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 40.500 ng/ul

RT: 26.504 min Scan# 3964

Delta R.T. -0.000 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

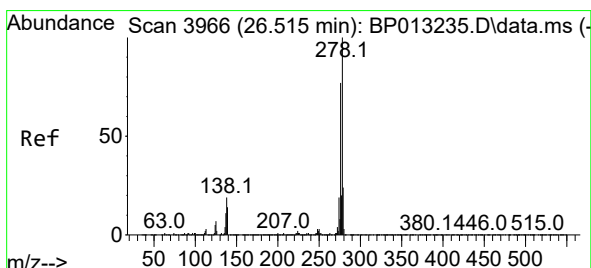
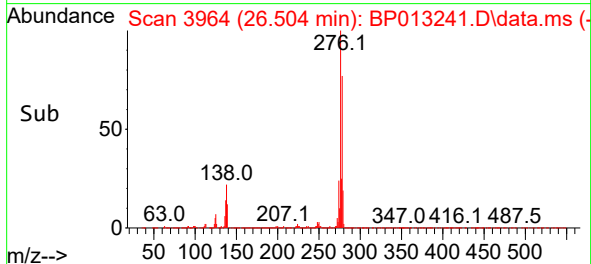
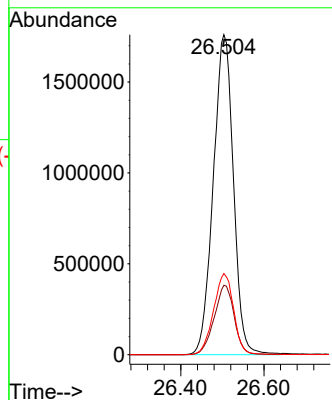
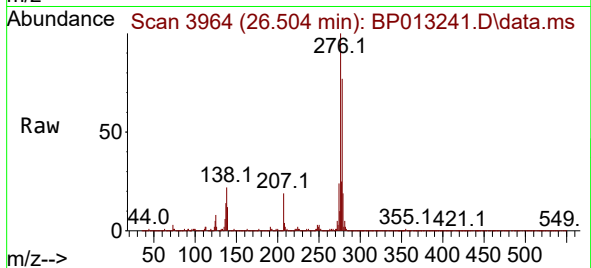
Tgt Ion:276 Resp: 5924259

Ion Ratio Lower Upper

276 100

138 21.7 17.1 25.7

277 25.3 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 41.256 ng/ul

RT: 26.515 min Scan# 3966

Delta R.T. -0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

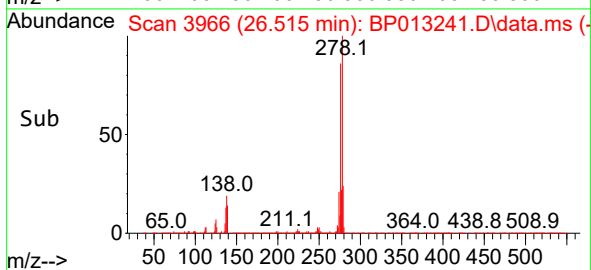
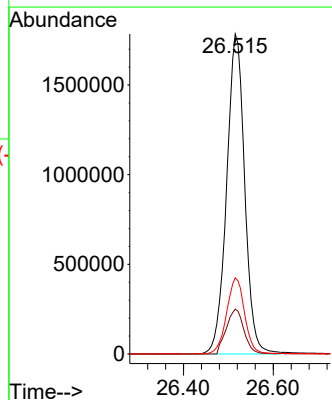
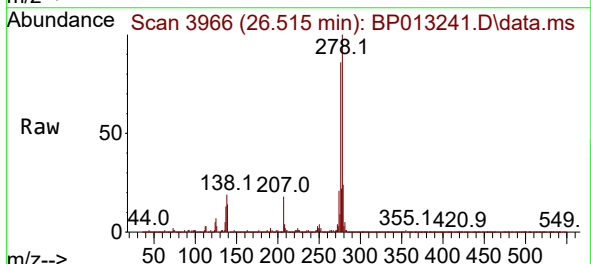
Tgt Ion:278 Resp: 4996514

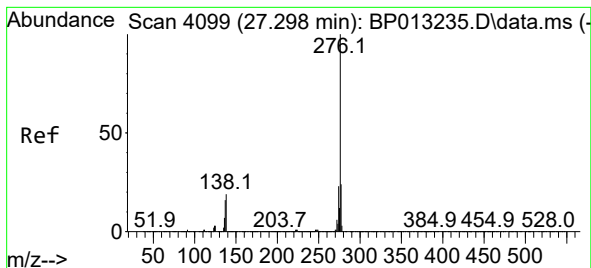
Ion Ratio Lower Upper

278 100

139 14.0 11.1 16.7

279 23.8 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 41.615 ng/ul

RT: 27.304 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP013241.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_P

ClientSampleId :

SLCS826

Tgt Ion:276 Resp: 4886971

Ion Ratio Lower Upper

276 100

138 18.5 15.4 23.2

277 23.5 19.1 28.7

