

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013239.D
 Acq On : 22 Dec 2022 11:05
 Operator : CG/JU
 Sample : N6130-02MS 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 22 21:44:57 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	484498	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1858661	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1003828	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2003824	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	2246557	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	2539098	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	24757	2.185	ng/uL	0.00
4) Pyridine-d5	3.764	84	275077	8.546	ng/u1	0.00
7) Phenol-d5	7.105	99	249523	6.323	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	787070	33.062	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	718736	23.136	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	443504	13.716	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	468734	34.324	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	480396	31.247	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	840673	28.152	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	928074	22.015	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	2689083	34.856	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	3089339	36.442	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	91265	6.576	ng/u1	0.00
60) Fluorene-d10	15.587	176	2334512	35.768	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	423047	32.807	ng/u1	0.00
73) Anthracene-d10	17.445	188	3563210	39.415	ng/u1	0.00
81) Pyrene-d10	19.681	212	4492708	34.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	5046869	39.878	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	56415	4.769	ng/uL#	76
5) Pyridine	3.787	79	281272	8.792	ng/u1	95
6) Benzaldehyde	7.081	77	799615	51.746	ng/u1	96
8) Phenol	7.134	94	281883	7.065	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.369	93	1015692	31.014	ng/u1	95
12) 2-Chlorophenol	7.511	128	731041	22.947	ng/u1	97
13) 2-Methylphenol	8.393	108	515523	16.572	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1527351	33.987	ng/u1	98
16) Acetophenone	8.775	105	1511523	30.486	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.758	70	741498	29.741	ng/u1	96
18) 4-Methylphenol	8.722	108	490867	14.246	ng/u1	98
19) Hexachloroethane	9.034	117	387196	30.414	ng/u1	100
22) Nitrobenzene	9.158	77	1146500	35.778	ng/u1	96
23) Isophorone	9.687	82	1972403	30.440	ng/u1	98
25) 2-Nitrophenol	9.869	139	509950	30.613	ng/u1	92
26) 2,4-Dimethylphenol	9.928	107	785191	24.158	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.169	93	1282690	30.959	ng/u1	99
29) 2,4-Dichlorophenol	10.405	162	812132	27.763	ng/u1	99
30) Naphthalene	10.810	128	3123352	32.131	ng/u1	100
32) 4-Chloroaniline	10.922	127	956411	22.926	ng/u1	100
33) Hexachlorobutadiene	11.093	225	657999	32.761	ng/u1	97
34) Caprolactam	11.716	113	27880	2.795	ng/u1	97
35) 4-Chloro-3-methylphenol	12.040	107	713543	23.902	ng/u1	98
36) 2-Methylnaphthalene	12.416	142	2022496	30.329	ng/u1	100

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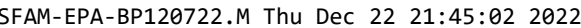
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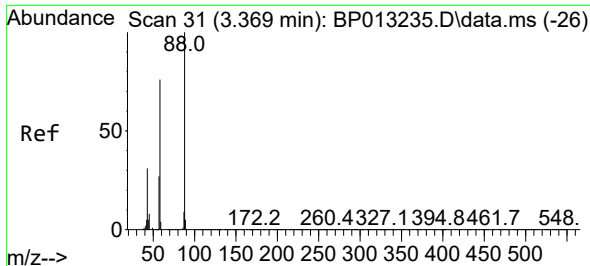
Quant Time: Dec 22 21:44:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 23:38:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	2026513	29.550	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	1219531	37.729	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	451810	21.479	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	720847	34.701	ng/ul	98
42) 2,4,5-Trichlorophenol	13.093	196	777722	34.854	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	2703943	35.866	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	2151373	36.257	ng/ul	99
45) 2-Nitroaniline	13.675	65	587972	40.871	ng/ul	96
47) Dimethylphthalate	14.046	163	2676774	35.007	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	521143	36.673	ng/ul	99
50) Acenaphthylene	14.310	152	3256641	35.733	ng/ul	99
51) 3-Nitroaniline	14.499	138	468413	34.909	ng/ul	97
52) Acenaphthene	14.657	153	2259736	35.780	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	234751	24.167	ng/ul	97
55) 4-Nitrophenol	14.798	109	74519	7.870	ng/ul	90
56) Dibenzofuran	14.987	168	3208590	35.732	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	718514	34.809	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.216	232	681796	33.482	ng/ul	98
59) Diethylphthalate	15.404	149	2482122	33.392	ng/ul	100
61) Fluorene	15.640	166	2607683	36.210	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	1349353	35.431	ng/ul	99
63) 4-Nitroaniline	15.663	138	496517	42.052	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.716	198	416039	33.015	ng/ul#	91
67) N-Nitrosodiphenylamine	15.845	169	2163681	38.947	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	824040	37.867	ng/ul	97
69) Hexachlorobenzene	16.645	284	960443	37.170	ng/ul	97
70) Atrazine	16.804	200	749976	34.643	ng/ul	100
71) Pentachlorophenol	16.992	266	535531	34.224	ng/ul	99
72) Phenanthrene	17.392	178	4068414	38.980	ng/ul	100
74) Anthracene	17.481	178	4100554	39.347	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1217835	42.598	ng/uL	99
76) Pentachlorobenzene	14.904	250	1141079	39.148	ng/uL	99
77) Carbazole	17.751	167	3734170	42.547	ng/ul	100
78) Di-n-butylphthalate	18.292	149	3795358	35.517	ng/ul	99
80) Fluoranthene	19.351	202	5045688	34.475	ng/ul	99
82) Pyrene	19.704	202	5387455	35.684	ng/ul	99
83) Butylbenzylphthalate	20.569	149	1773417	30.406	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.345	252	1785923	35.189	ng/ul	100
85) Benzo(a)anthracene	21.416	228	5791983	38.836	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.328	149	2556984	31.079	ng/ul	100
87) Chrysene	21.475	228	5459857	38.713	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	4564878	32.091	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	6368844	39.335	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	5930126	36.936	ng/ul	100
93) Benzo(a)pyrene	23.804	252	5529797	39.224	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.510	276	7277354	41.441	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	6176837	42.483	ng/ul	99
96) Benzo(g,h,i)perylene	27.304	276	6010030	42.630	ng/ul	99

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

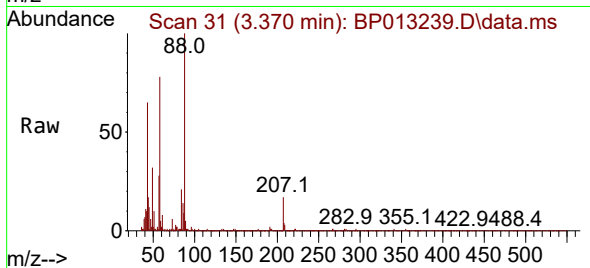
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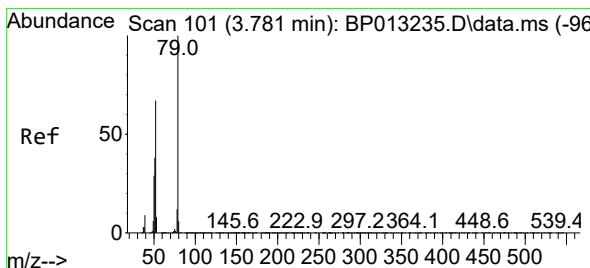
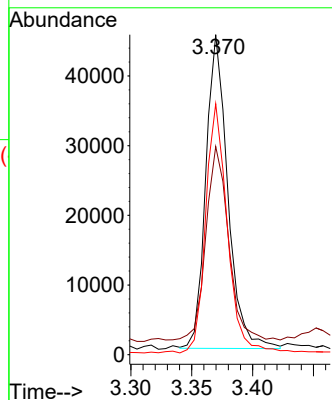
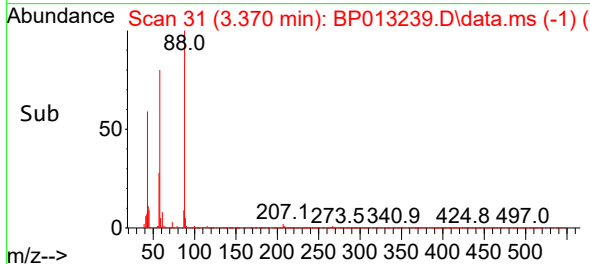


#2
1,4-Dioxane
Concen: 4.769 ng/uL
RT: 3.370 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

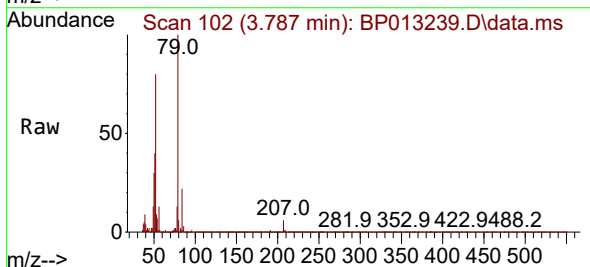
Instrument :
BNA_P
ClientSampleId :



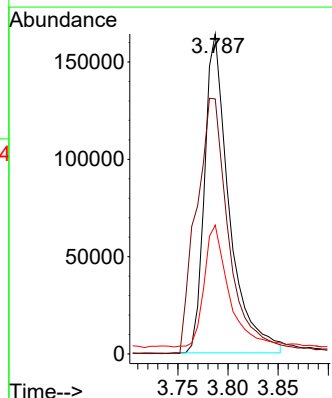
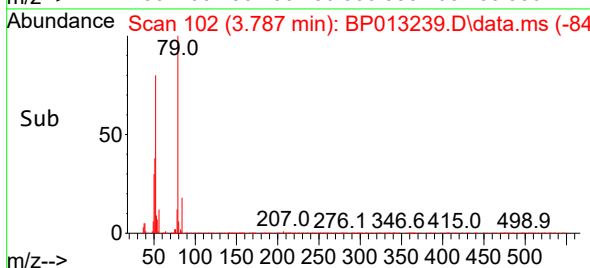
Tgt Ion: 88 Resp: 56415
Ion Ratio Lower Upper
88 100
43 65.0 22.4 33.6#
58 78.4 58.2 87.4

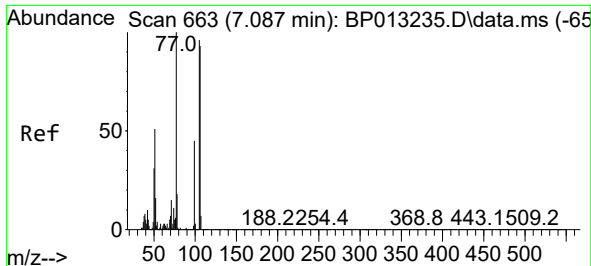


#5
Pyridine
Concen: 8.792 ng/uL
RT: 3.787 min Scan# 102
Delta R.T. 0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05



Tgt Ion: 79 Resp: 281272
Ion Ratio Lower Upper
79 100
52 79.7 60.7 91.1
51 40.2 28.9 43.3

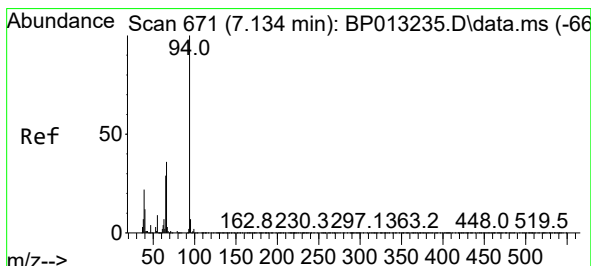
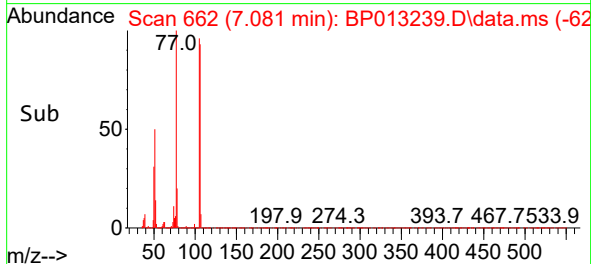
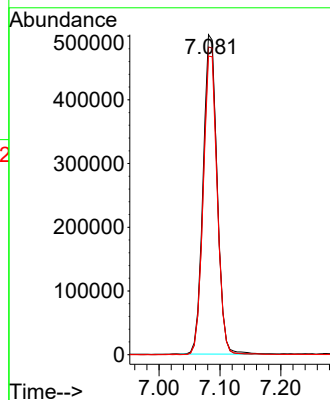
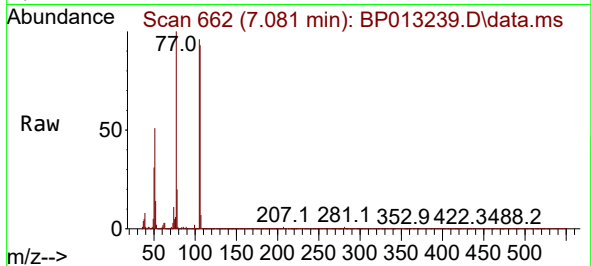




#6
Benzaldehyde
Concen: 51.746 ng/ul
RT: 7.081 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

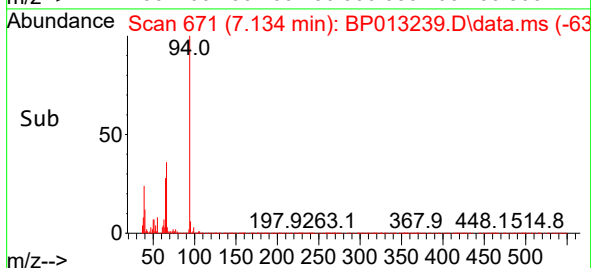
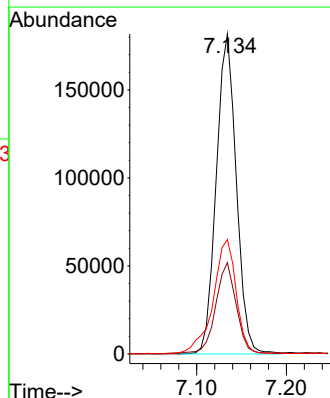
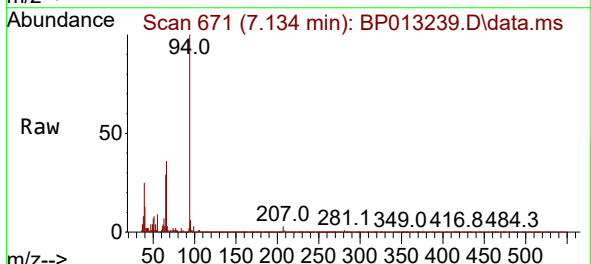
Instrument :
BNA_P
ClientSampleId :

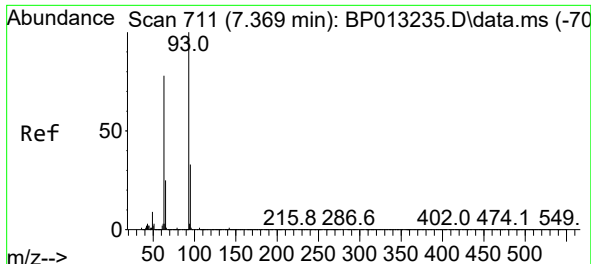
Tgt Ion: 77 Resp: 799615
Ion Ratio Lower Upper
77 100
105 96.2 81.5 122.3
106 93.3 76.9 115.3



#8
Phenol
Concen: 7.065 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

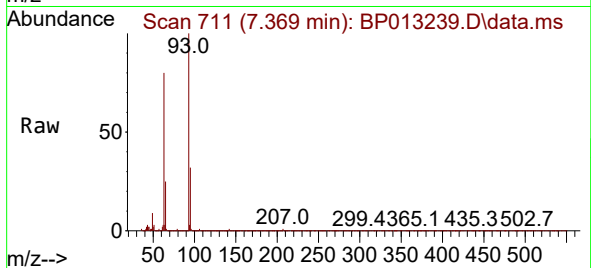
Tgt Ion: 94 Resp: 281883
Ion Ratio Lower Upper
94 100
65 28.5 21.1 31.7
66 35.8 27.0 40.6





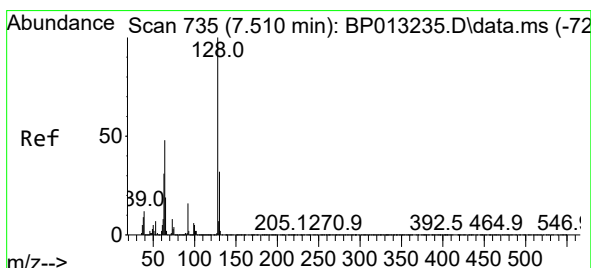
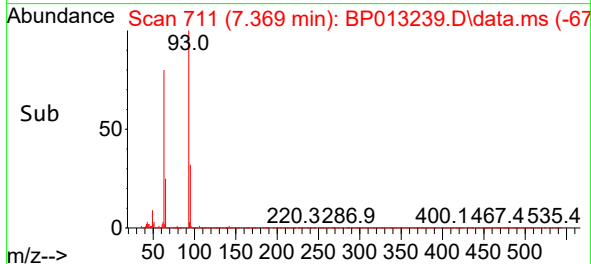
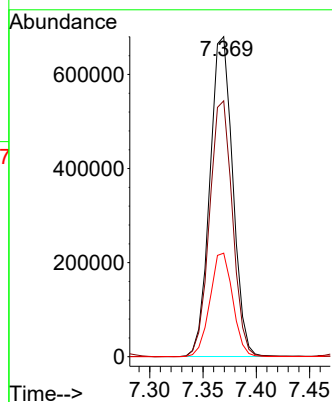
#10
Bis(2-Chloroethyl)ether
Concen: 31.014 ng/ul
RT: 7.369 min Scan# 711
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 1015692

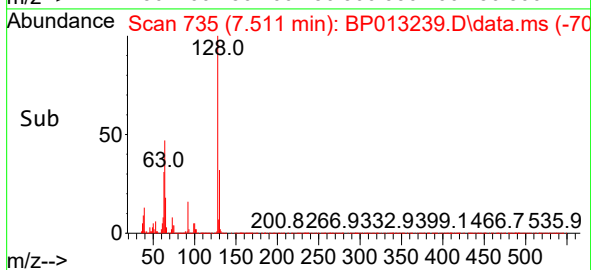
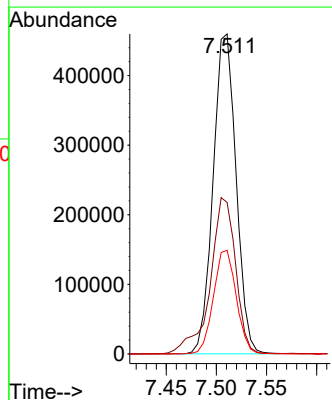
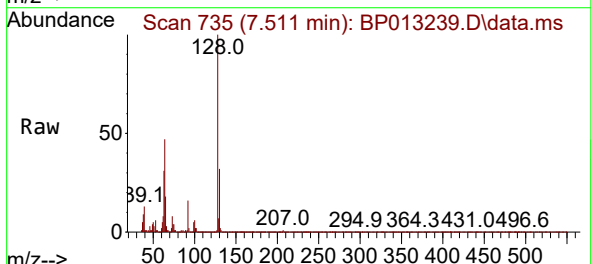
Ion	Ratio	Lower	Upper
93	100		
63	79.9	59.8	89.8
95	32.4	26.4	39.6

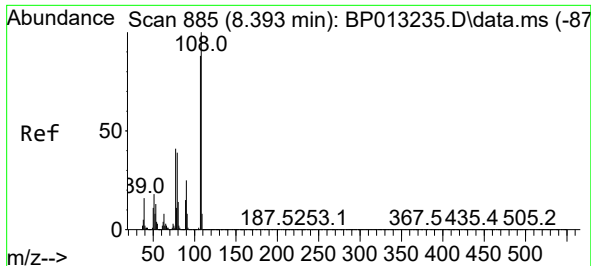


#12
2-Chlorophenol
Concen: 22.947 ng/ul
RT: 7.511 min Scan# 735
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:128 Resp: 731041

Ion	Ratio	Lower	Upper
128	100		
64	47.3	34.9	52.3
130	32.4	25.8	38.6





#13

2-Methylphenol

Concen: 16.572 ng/ul

RT: 8.393 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

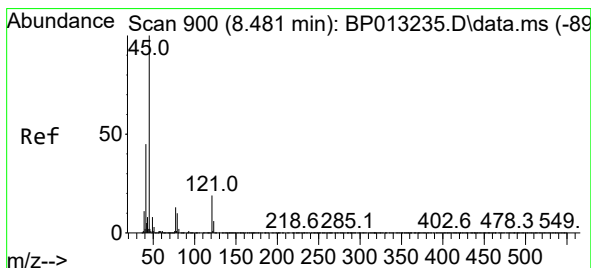
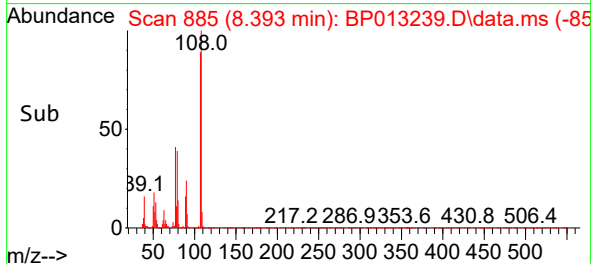
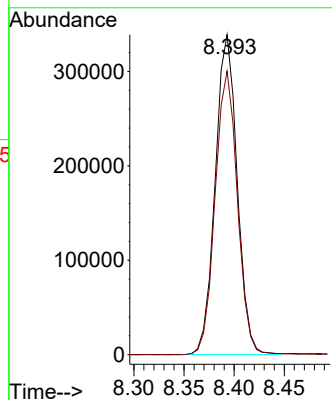
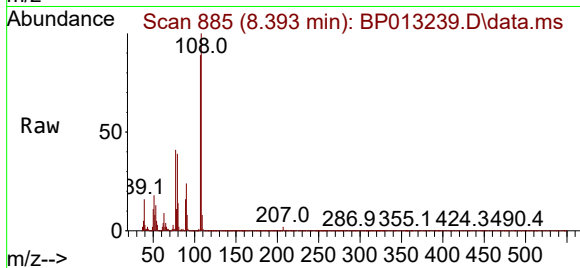
ClientSampleId :

Tgt Ion:108 Resp: 515523

Ion Ratio Lower Upper

108 100

107 88.6 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.987 ng/ul

RT: 8.481 min Scan# 900

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

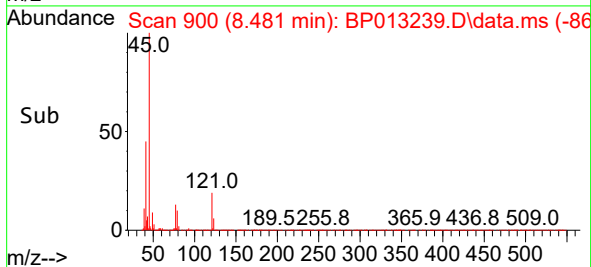
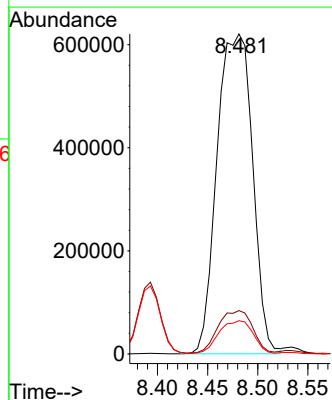
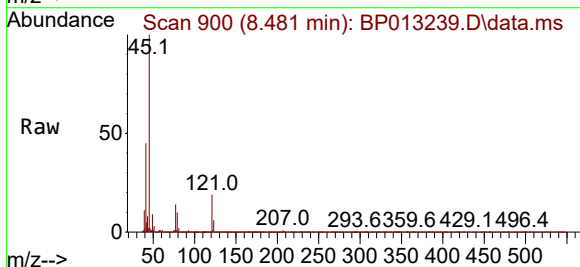
Tgt Ion: 45 Resp: 1527351

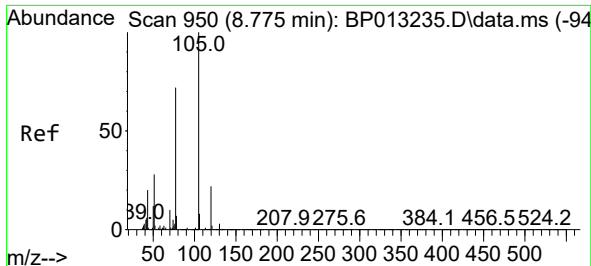
Ion Ratio Lower Upper

45 100

77 13.5 11.0 16.6

79 10.4 9.3 13.9

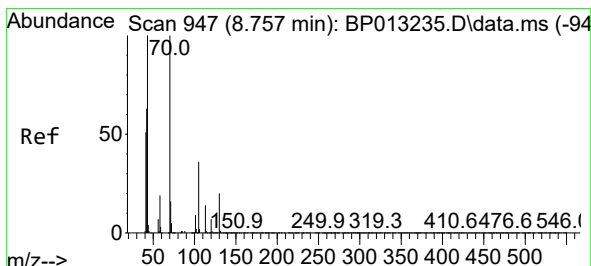
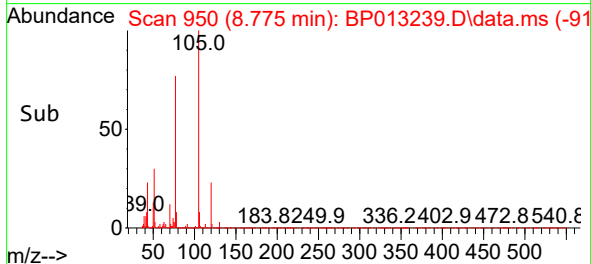
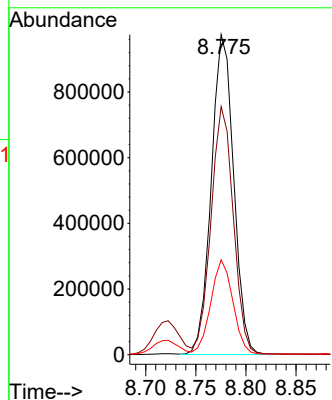
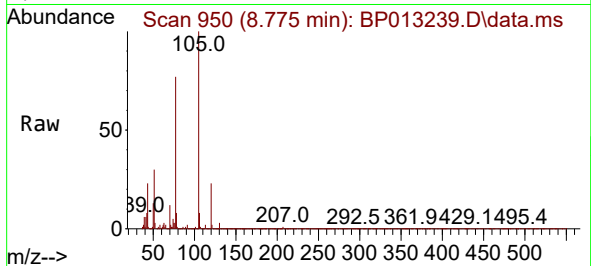




#16
Acetophenone
Concen: 30.486 ng/ul
RT: 8.775 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

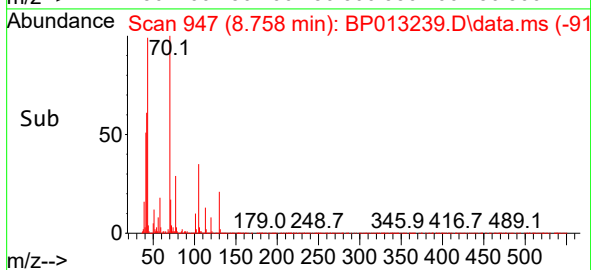
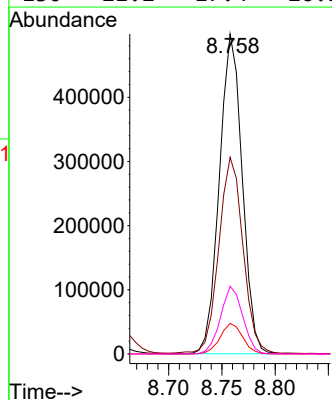
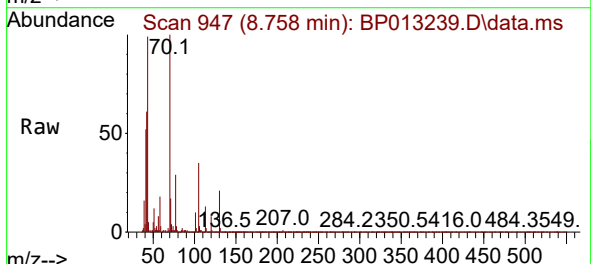
Instrument :
BNA_P
ClientSampleId :

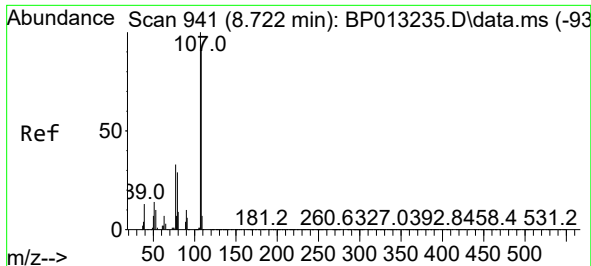
Tgt Ion:105 Resp: 1511523
Ion Ratio Lower Upper
105 100
77 77.5 59.3 88.9
51 29.7 19.6 29.4#



#17
N-Nitroso-di-n-propylamine
Concen: 29.741 ng/ul
RT: 8.758 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion: 70 Resp: 741498
Ion Ratio Lower Upper
70 100
42 61.5 45.5 68.3
101 9.6 7.9 11.9
130 21.2 17.4 26.2

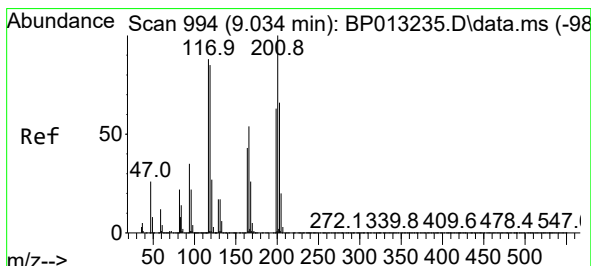
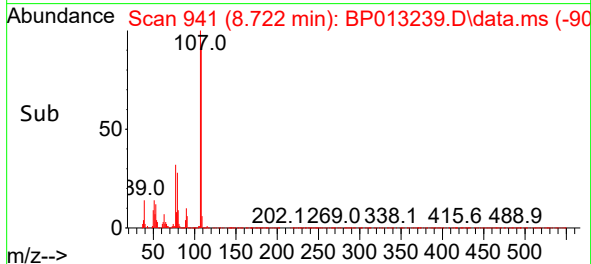
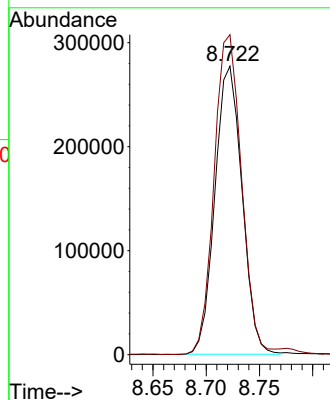
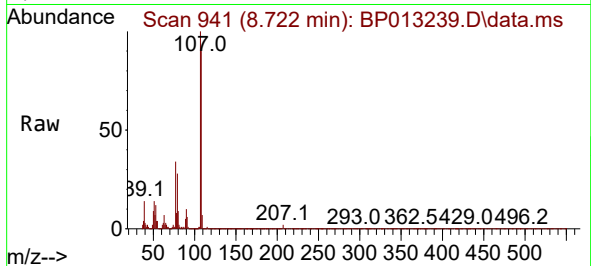




#18
4-Methylphenol
Concen: 14.246 ng/ul
RT: 8.722 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

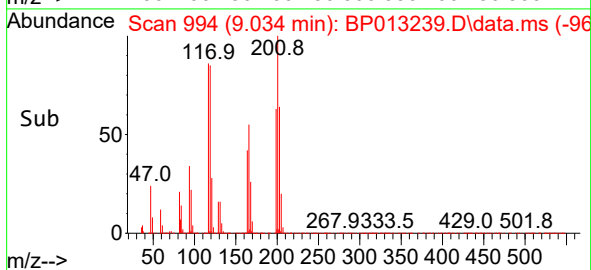
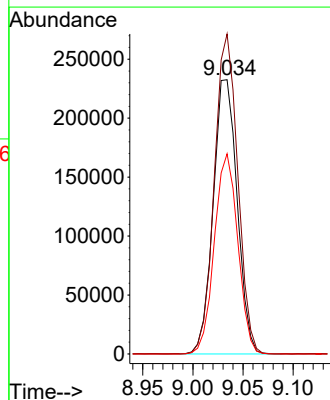
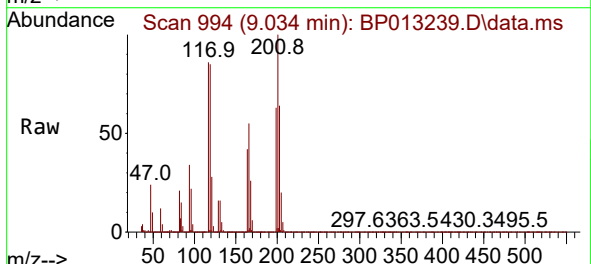
Instrument :
BNA_P
ClientSampleId :

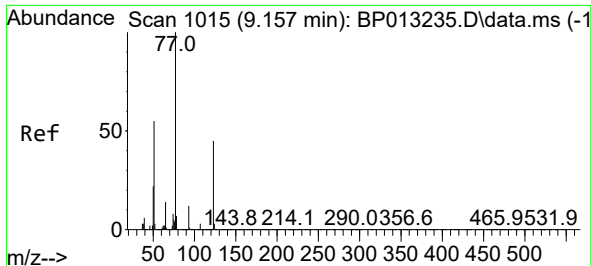
Tgt Ion:108 Resp: 490867
Ion Ratio Lower Upper
108 100
107 110.9 87.4 131.2



#19
Hexachloroethane
Concen: 30.414 ng/ul
RT: 9.034 min Scan# 994
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:117 Resp: 387196
Ion Ratio Lower Upper
117 100
201 116.7 93.7 140.5
199 73.0 58.6 88.0

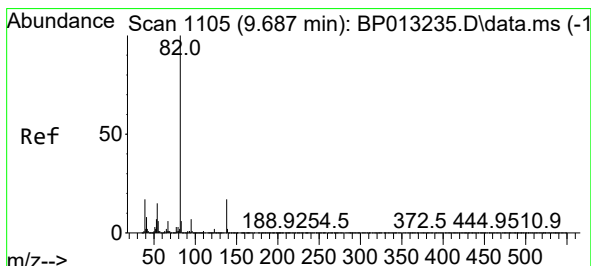
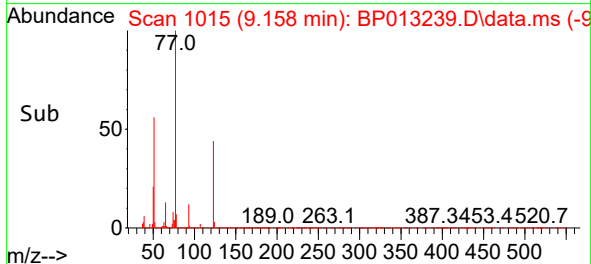
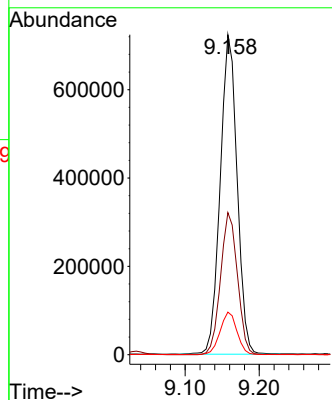
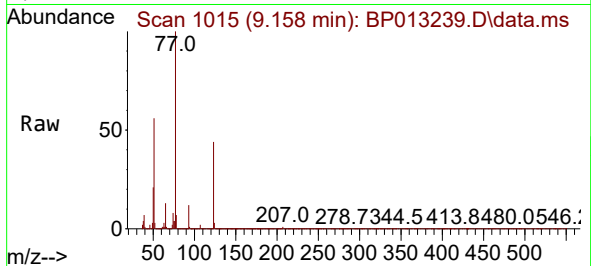




#22
Nitrobenzene
Concen: 35.778 ng/ul
RT: 9.158 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

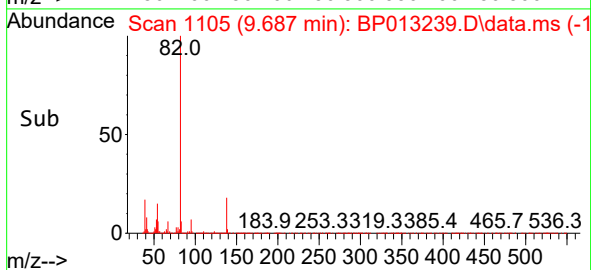
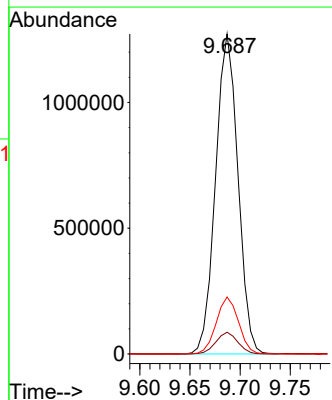
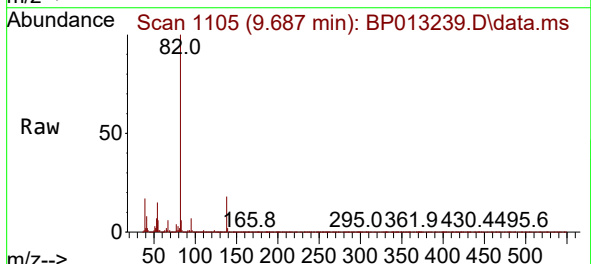
Instrument :
BNA_P
ClientSampleId :

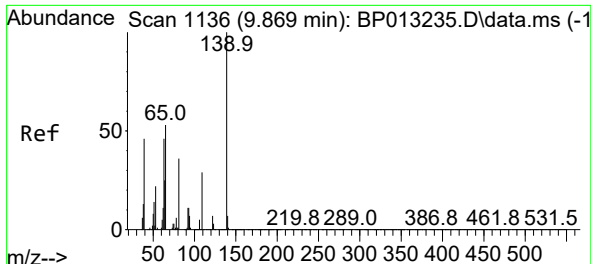
Tgt Ion: 77 Resp: 1146500
Ion Ratio Lower Upper
77 100
123 44.4 38.3 57.5
65 13.3 10.3 15.5



#23
Isophorone
Concen: 30.440 ng/ul
RT: 9.687 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion: 82 Resp: 1972403
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.8 15.3 22.9

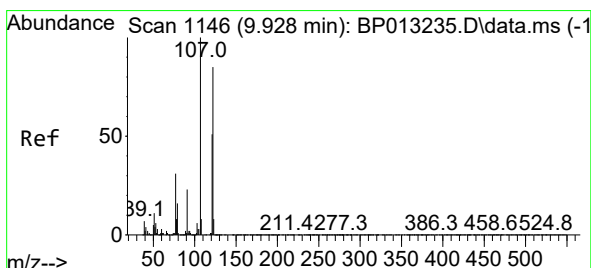
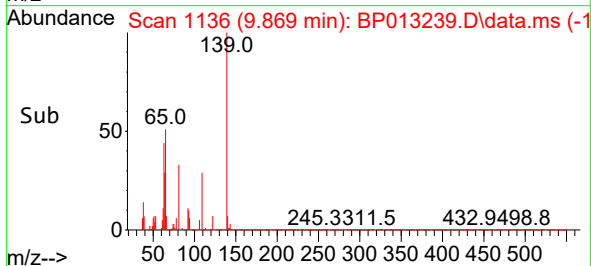
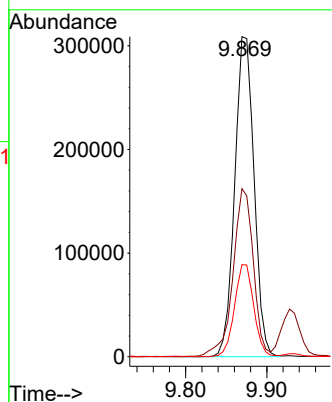
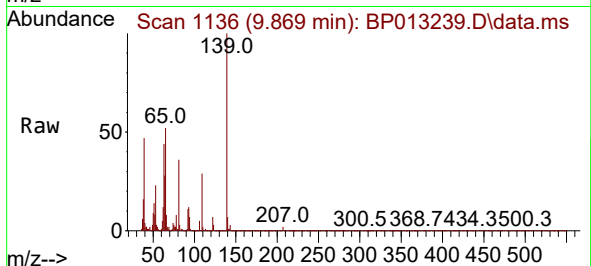




#25
2-Nitrophenol
Concen: 30.613 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

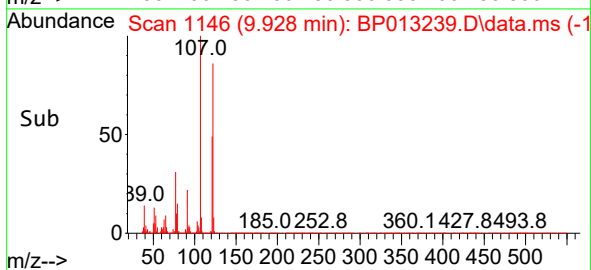
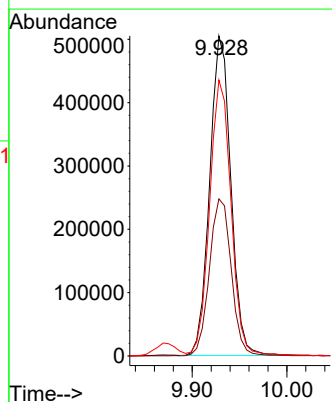
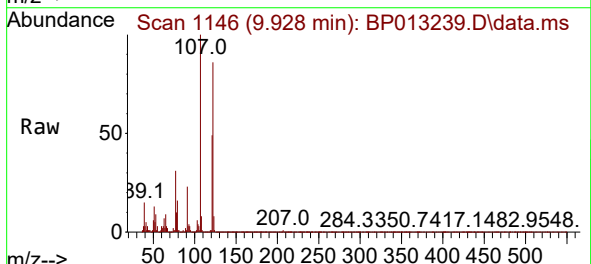
Instrument :
BNA_P
ClientSampleId :

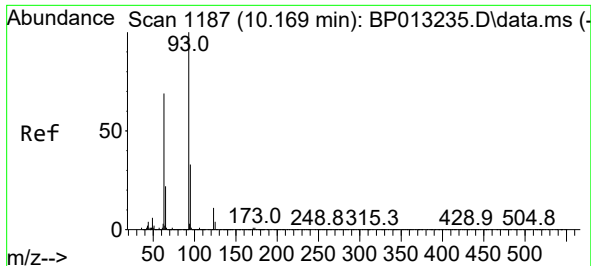
Tgt Ion:139 Resp: 509950
Ion Ratio Lower Upper
139 100
65 52.5 36.6 54.8
109 28.8 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 24.158 ng/ul
RT: 9.928 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:107 Resp: 785191
Ion Ratio Lower Upper
107 100
121 49.1 41.8 62.6
122 86.2 72.6 108.8





#27

Bis(2-Chloroethoxy)methane

Concen: 30.959 ng/ul

RT: 10.169 min Scan# 1187

Delta R.T. 0.000 min

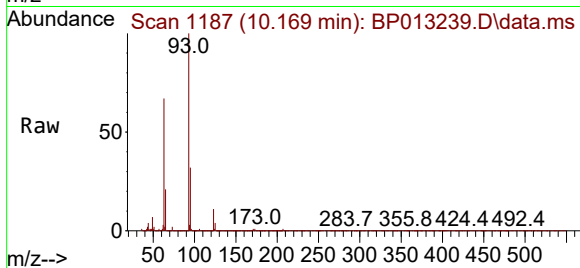
Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :



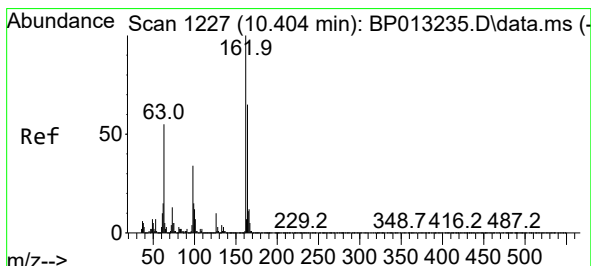
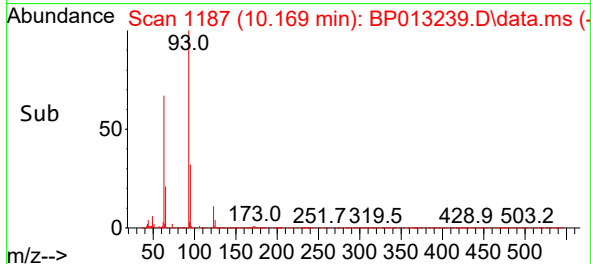
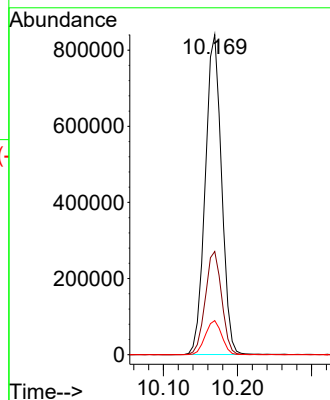
Tgt Ion: 93 Resp: 1282690

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

123 10.7 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 27.763 ng/ul

RT: 10.405 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

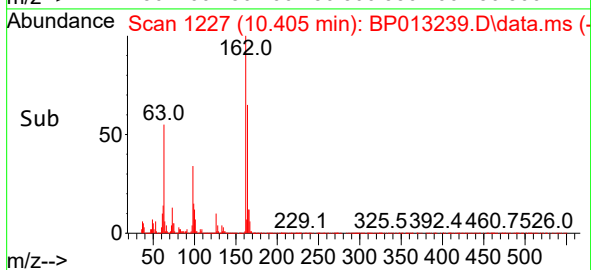
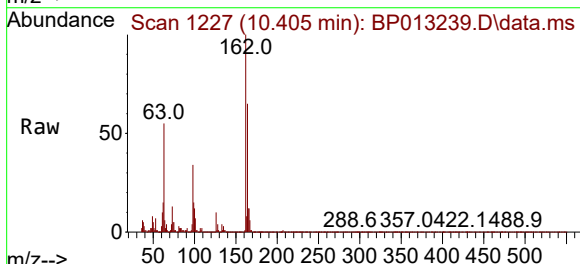
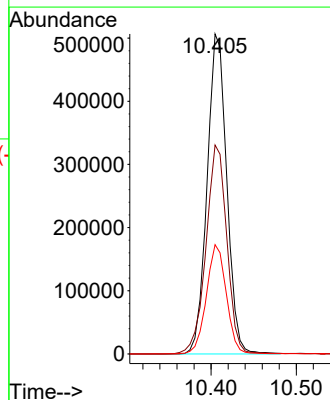
Tgt Ion:162 Resp: 812132

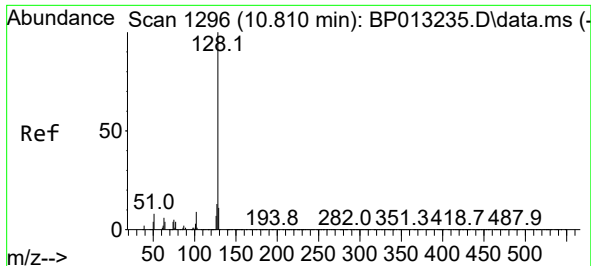
Ion Ratio Lower Upper

162 100

164 65.3 52.5 78.7

98 34.1 26.6 39.8

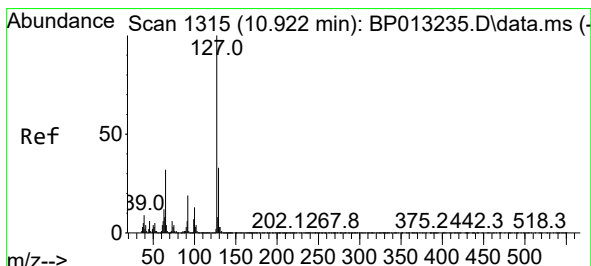
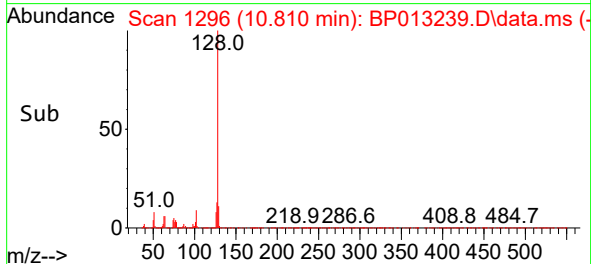
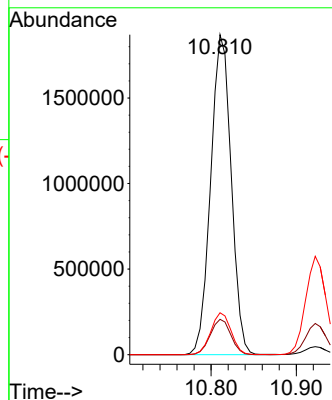
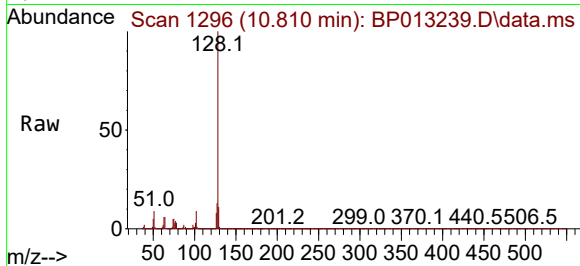




#30
Naphthalene
Concen: 32.131 ng/ul
RT: 10.810 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

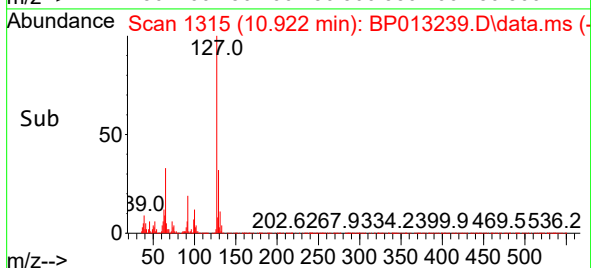
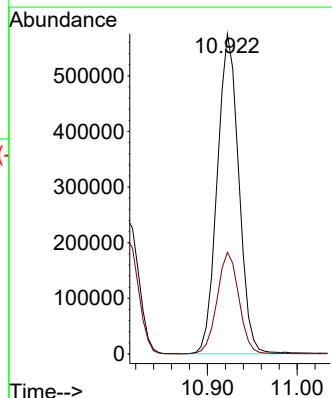
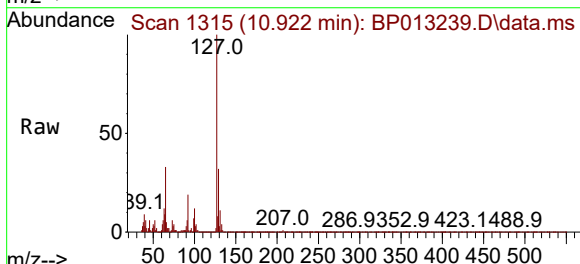
Instrument :
BNA_P
ClientSampleId :

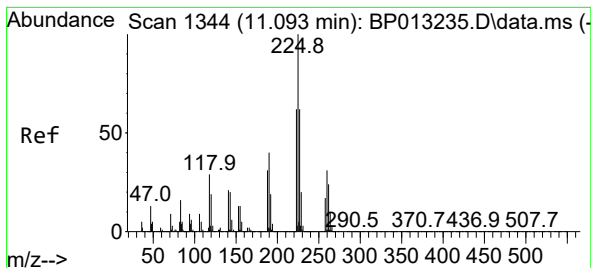
Tgt Ion:128 Resp: 3123352
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 22.926 ng/ul
RT: 10.922 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:127 Resp: 956411
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4





#33

Hexachlorobutadiene

Concen: 32.761 ng/ul

RT: 11.093 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

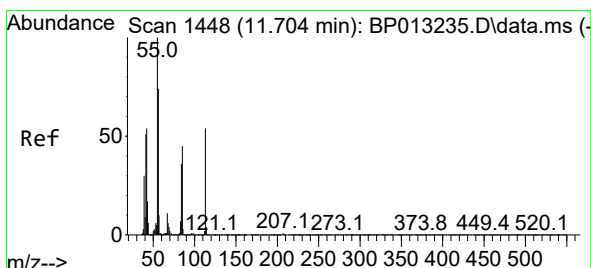
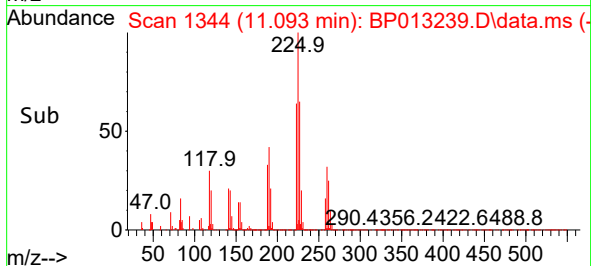
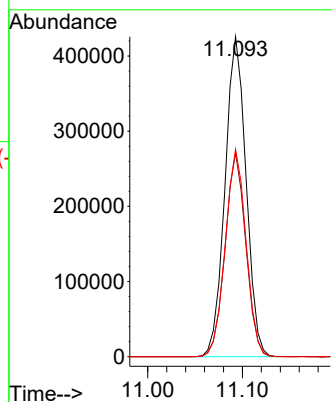
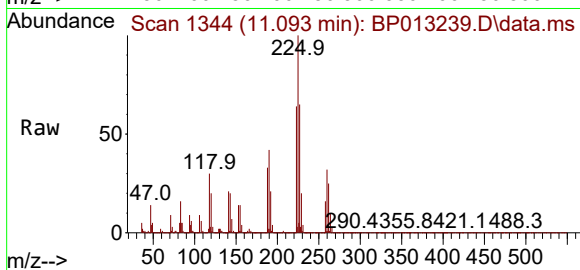
Tgt Ion:225 Resp: 657999

Ion Ratio Lower Upper

225 100

223 63.7 49.2 73.8

227 64.9 50.2 75.2



#34

Caprolactam

Concen: 2.795 ng/ul

RT: 11.716 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

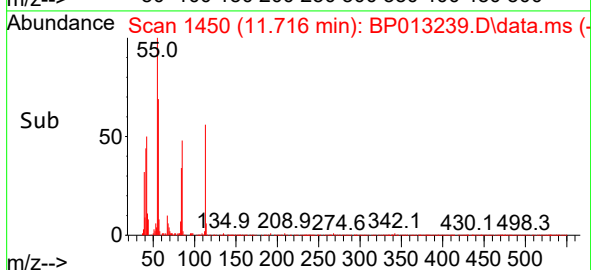
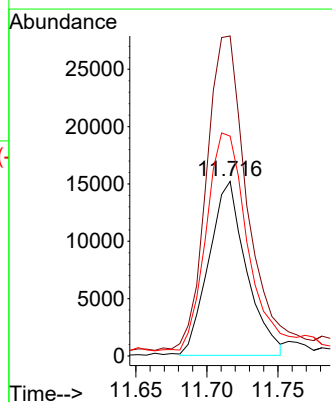
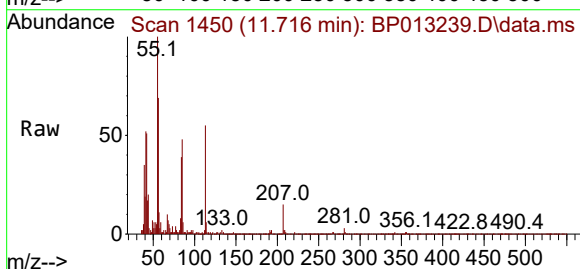
Tgt Ion:113 Resp: 27880

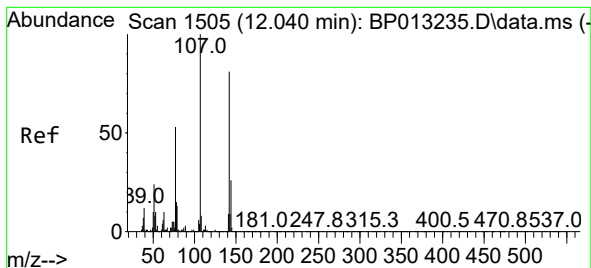
Ion Ratio Lower Upper

113 100

55 183.3 141.9 212.9

56 126.0 99.6 149.4

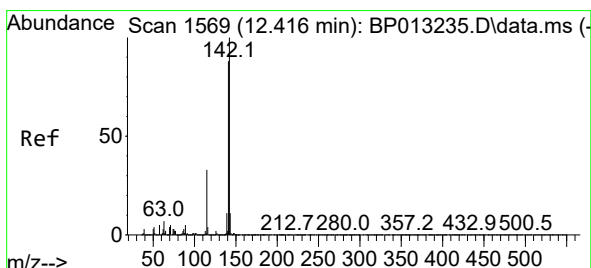
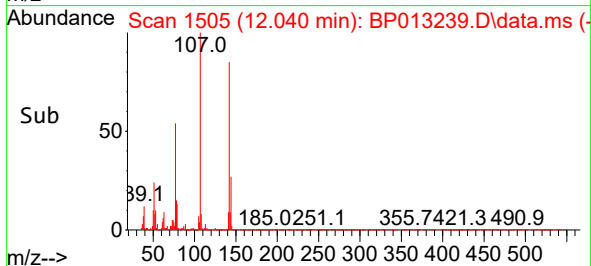
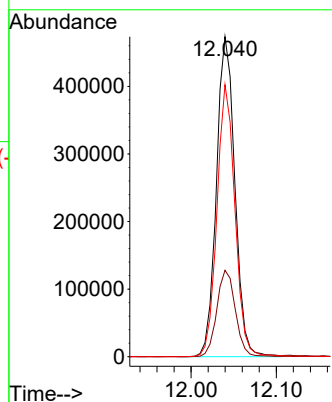
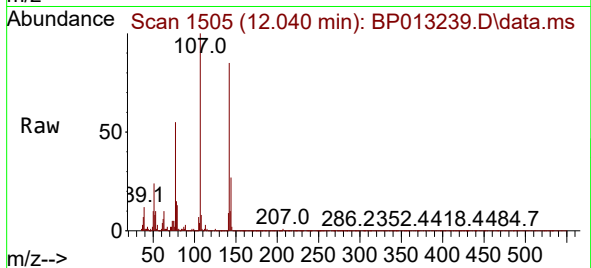




#35
4-Chloro-3-methylphenol
Concen: 23.902 ng/ul
RT: 12.040 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

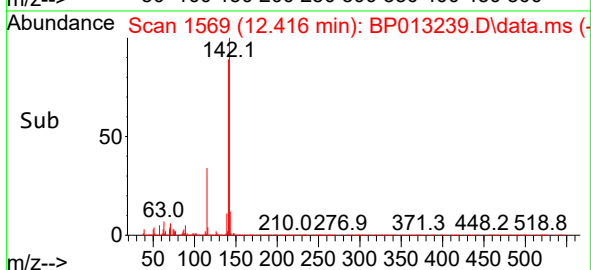
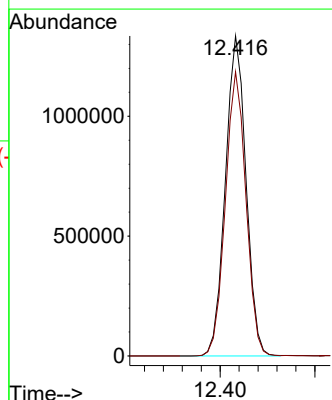
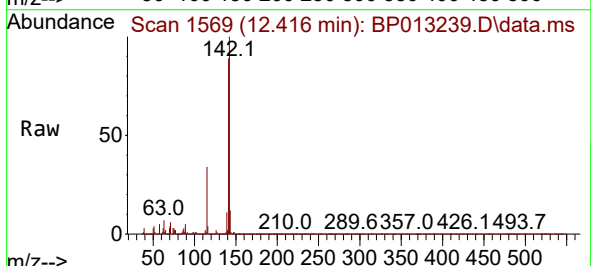
Instrument :
BNA_P
ClientSampleId :

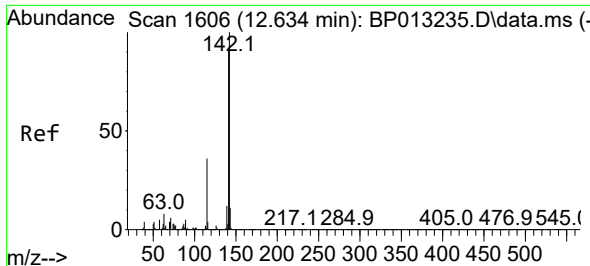
Tgt Ion:107 Resp: 713543
Ion Ratio Lower Upper
107 100
144 27.0 21.4 32.2
142 85.0 65.8 98.6



#36
2-Methylnaphthalene
Concen: 30.329 ng/ul
RT: 12.416 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:142 Resp: 2022496
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2

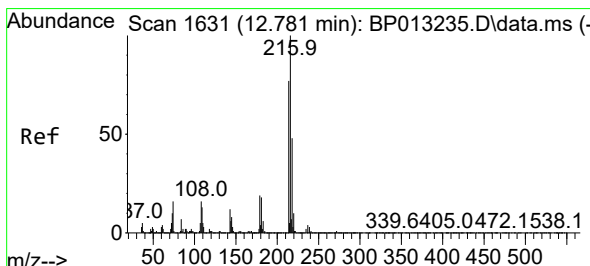
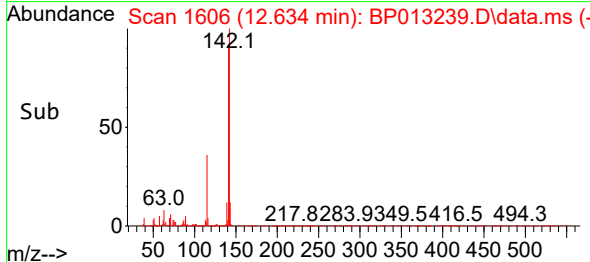
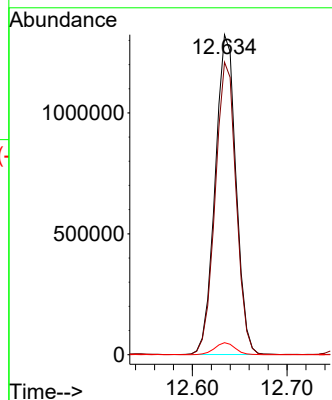
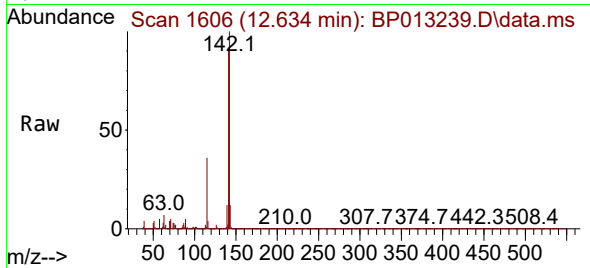




#37
1-Methylnaphthalene
Concen: 29.550 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

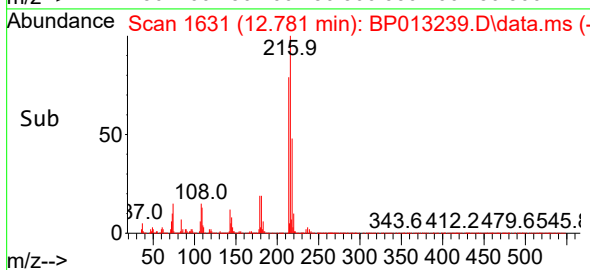
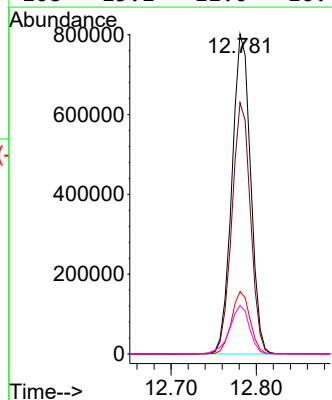
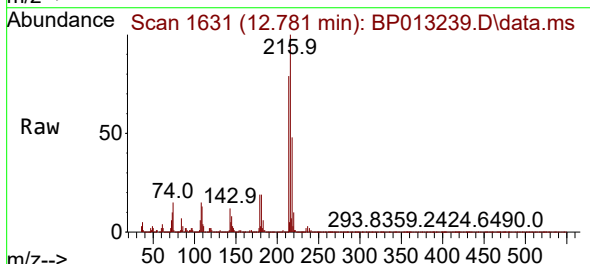
Instrument :
BNA_P
ClientSampleId :

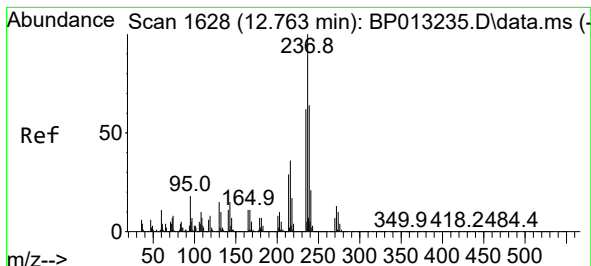
Tgt Ion:142 Resp: 2026513
Ion Ratio Lower Upper
142 100
141 91.4 72.7 109.1
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.729 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:216 Resp: 1219531
Ion Ratio Lower Upper
216 100
214 78.5 61.9 92.9
179 19.5 15.0 22.6
108 15.1 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 21.479 ng/ul

RT: 12.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

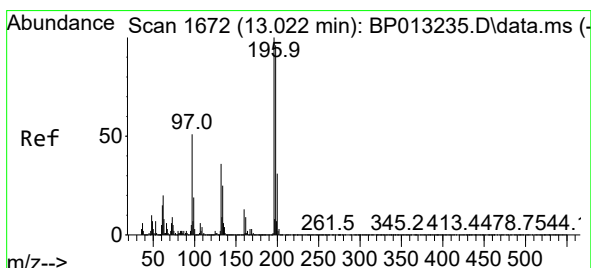
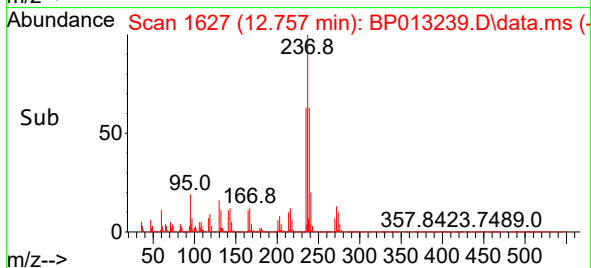
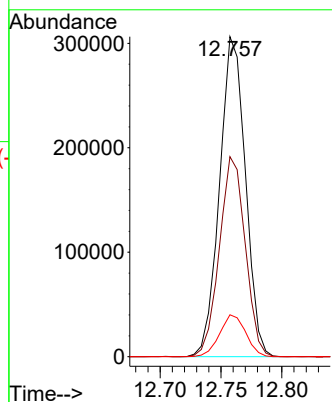
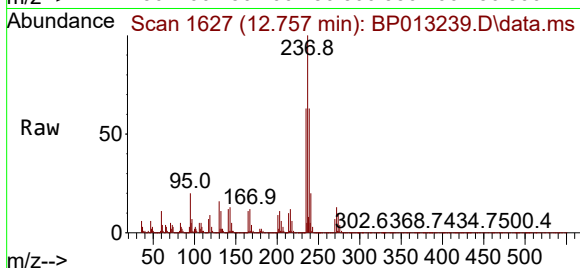
Tgt Ion:237 Resp: 451810

Ion Ratio Lower Upper

237 100

235 62.5 49.7 74.5

272 13.1 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 34.701 ng/ul

RT: 13.022 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

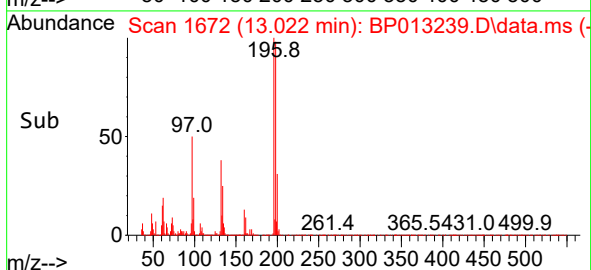
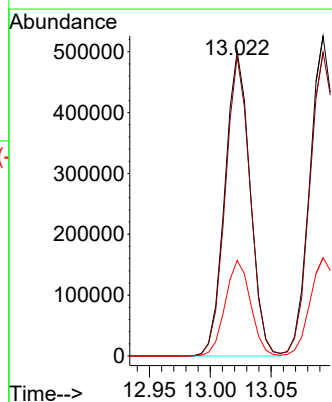
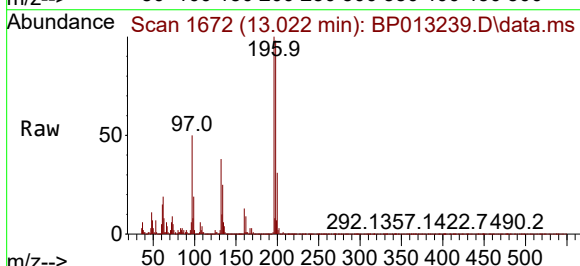
Tgt Ion:196 Resp: 720847

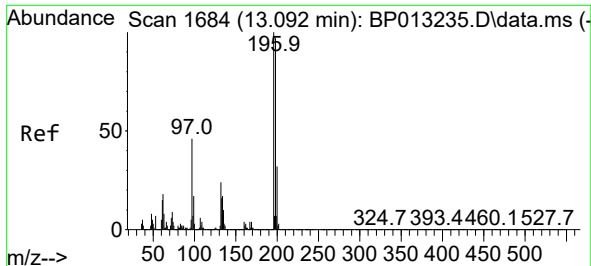
Ion Ratio Lower Upper

196 100

198 98.3 77.0 115.6

200 31.3 25.3 37.9

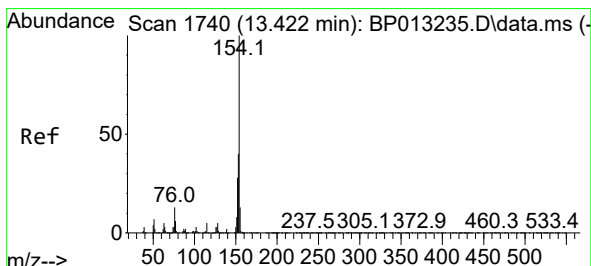
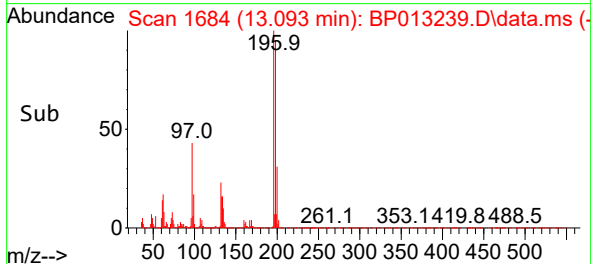
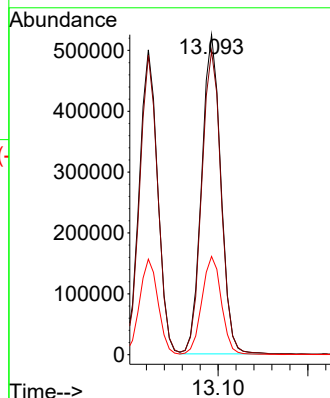
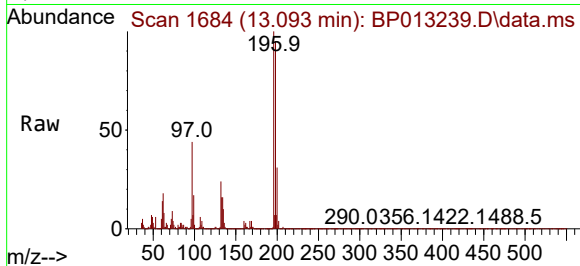




#42
2,4,5-Trichlorophenol
Concen: 34.854 ng/ul
RT: 13.093 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

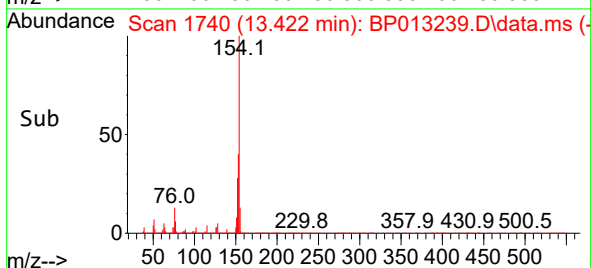
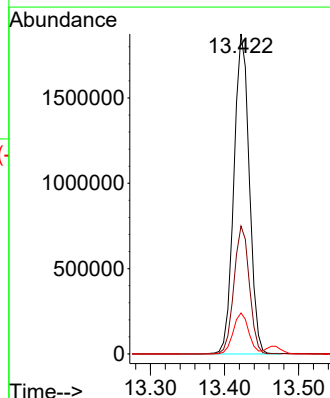
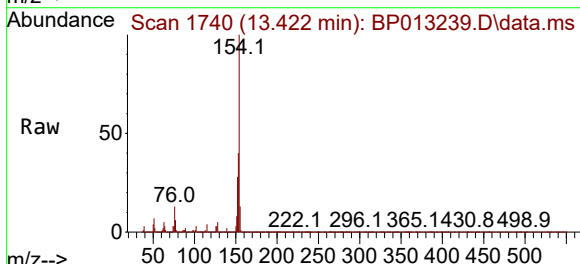
Instrument :
BNA_P
ClientSampleId :

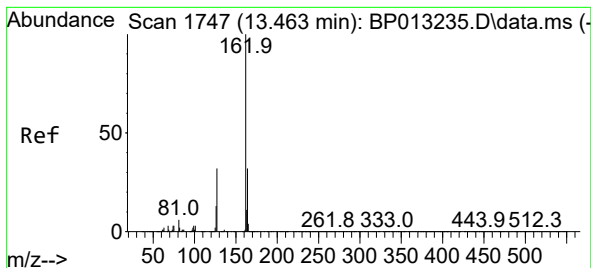
Tgt Ion:196 Resp: 777722
Ion Ratio Lower Upper
196 100
198 94.9 77.1 115.7
200 30.7 25.4 38.2



#43
1,1'-Biphenyl
Concen: 35.866 ng/ul
RT: 13.422 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:154 Resp: 2703943
Ion Ratio Lower Upper
154 100
153 39.9 31.5 47.3
76 12.8 9.6 14.4





#44

2-Chloronaphthalene

Concen: 36.257 ng/ul

RT: 13.469 min Scan# 1747

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

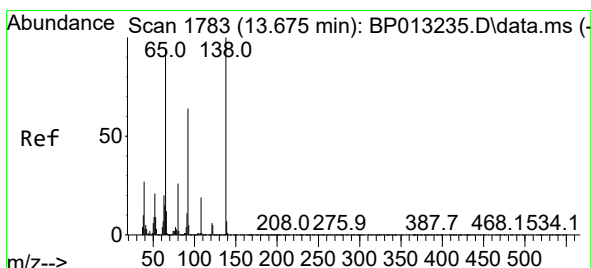
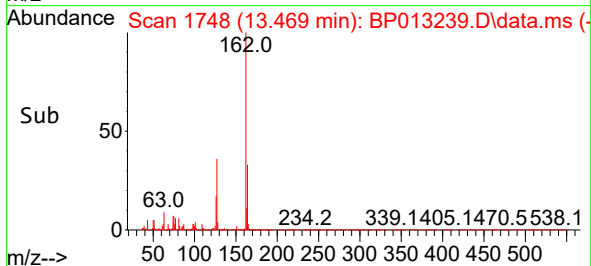
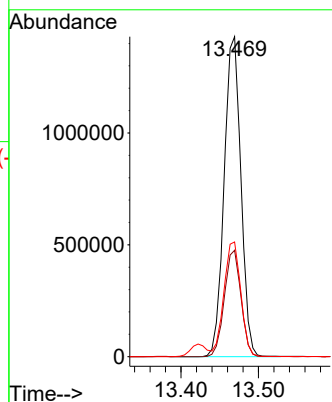
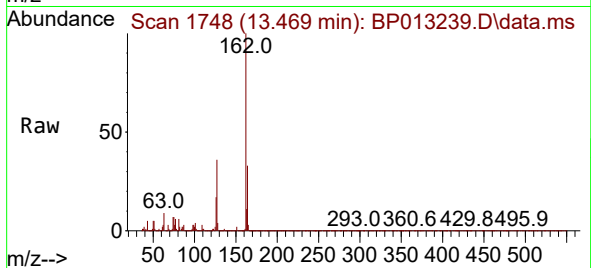
Tgt Ion:162 Resp: 2151373

Ion Ratio Lower Upper

162 100

164 33.3 26.3 39.5

127 35.9 29.3 43.9



#45

2-Nitroaniline

Concen: 40.871 ng/ul

RT: 13.675 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

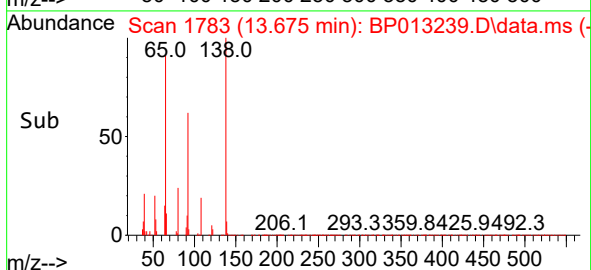
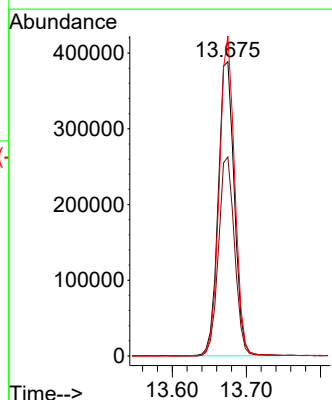
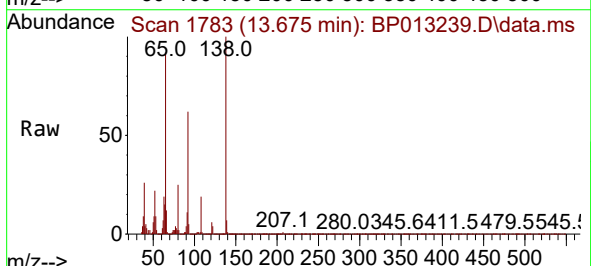
Tgt Ion: 65 Resp: 587972

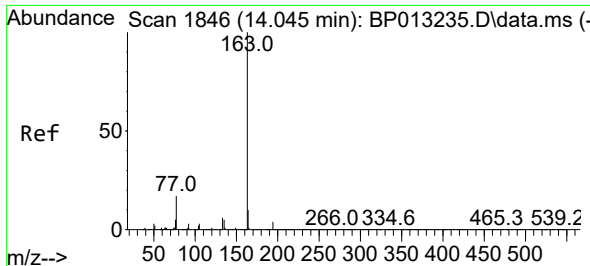
Ion Ratio Lower Upper

65 100

92 67.6 56.4 84.6

138 108.8 90.3 135.5

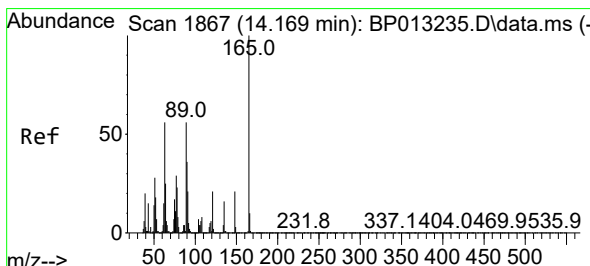
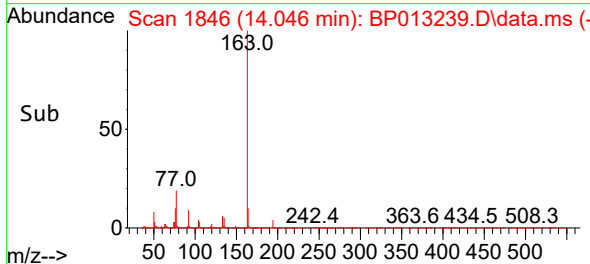
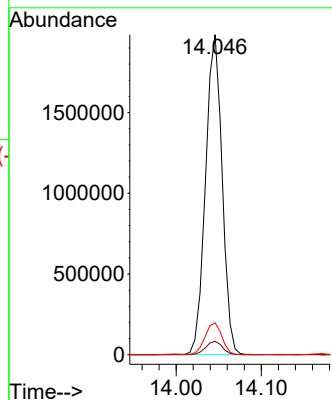
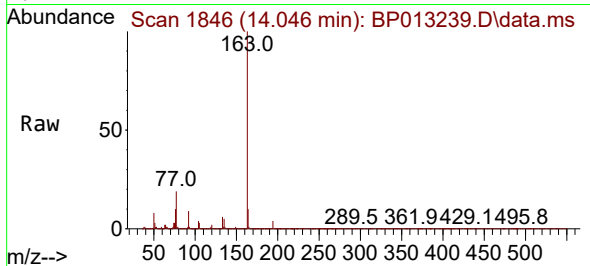




#47
Dimethylphthalate
Concen: 35.007 ng/ul
RT: 14.046 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

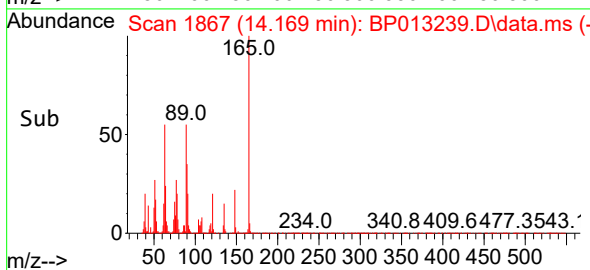
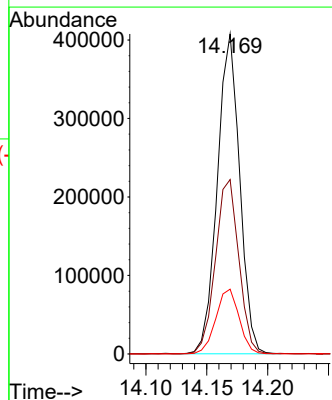
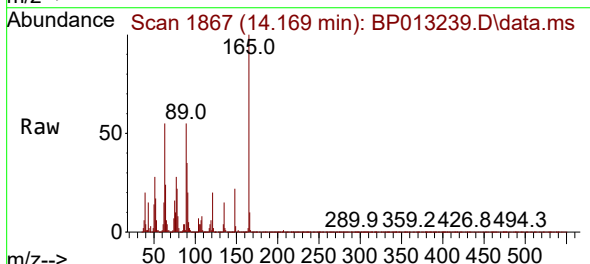
Instrument :
BNA_P
ClientSampleId :

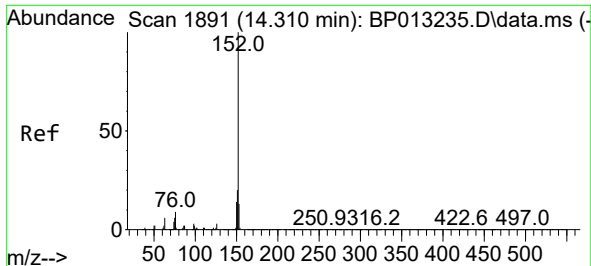
Tgt Ion:163 Resp: 2676774
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 36.673 ng/ul
RT: 14.169 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

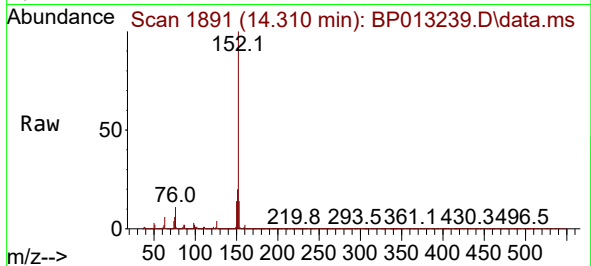
Tgt Ion:165 Resp: 521143
Ion Ratio Lower Upper
165 100
89 54.5 43.0 64.4
121 20.3 16.1 24.1



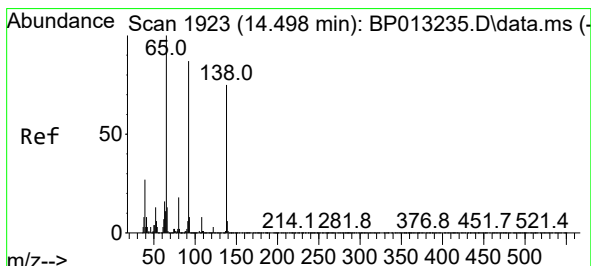
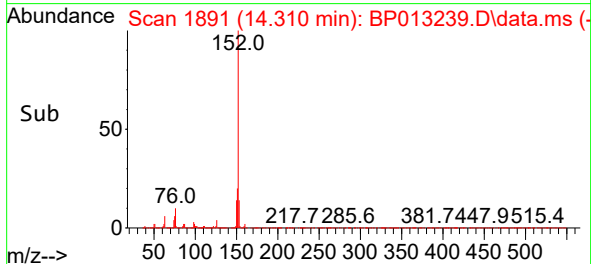
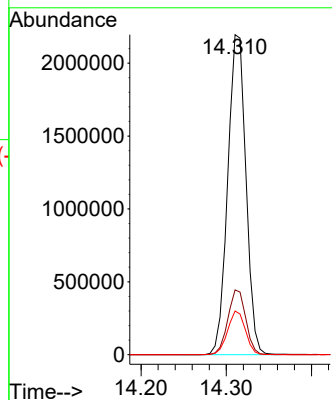


#50
Acenaphthylene
Concen: 35.733 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Instrument :
BNA_P
ClientSampleId :

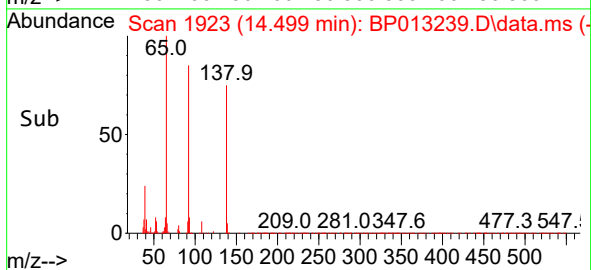
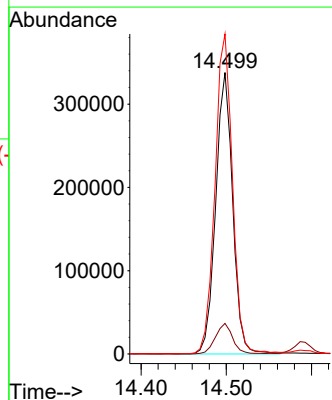
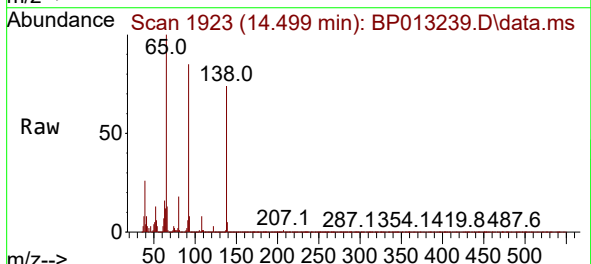


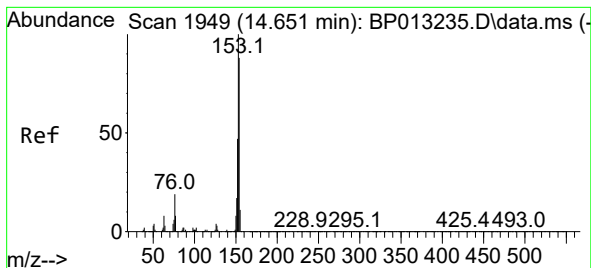
Tgt Ion:152 Resp: 3256641
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.6 10.6 16.0



#51
3-Nitroaniline
Concen: 34.909 ng/ul
RT: 14.499 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:138 Resp: 468413
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 113.7 88.4 132.6





#52

Acenaphthene

Concen: 35.780 ng/ul

RT: 14.657 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

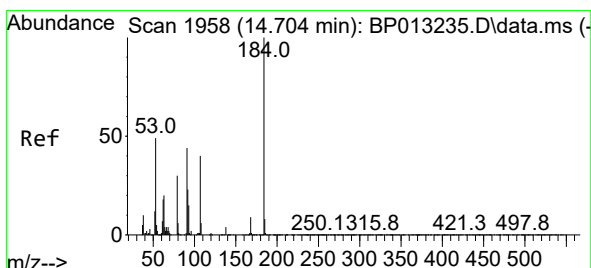
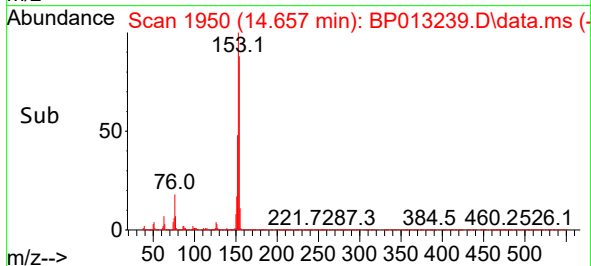
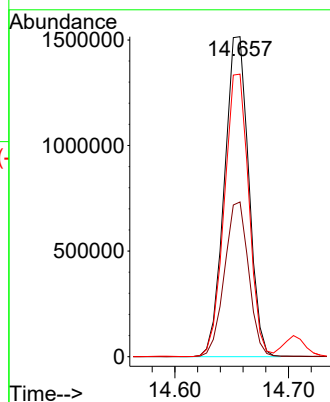
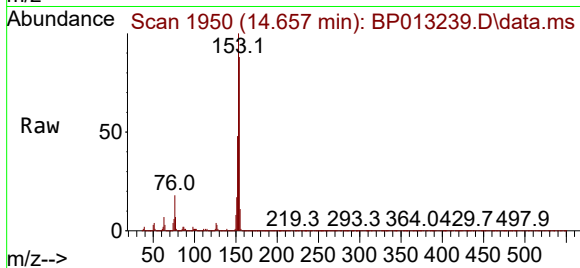
Tgt Ion:153 Resp: 2259736

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.4

154 88.3 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 24.167 ng/ul

RT: 14.704 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

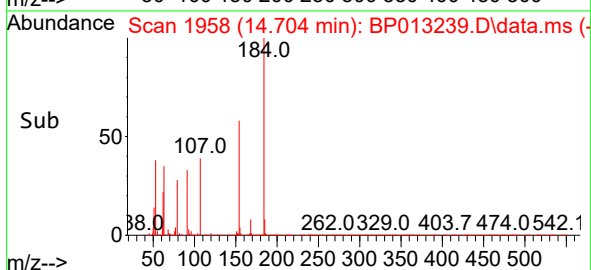
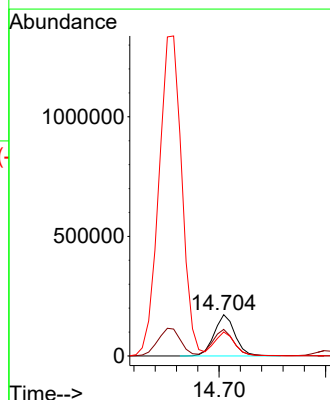
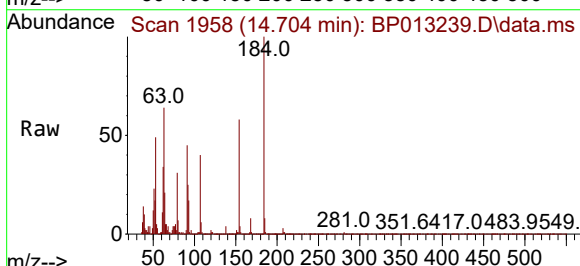
Tgt Ion:184 Resp: 234751

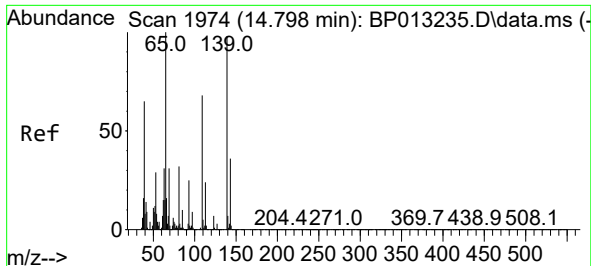
Ion Ratio Lower Upper

184 100

63 64.4 48.4 72.6

154 58.1 45.5 68.3

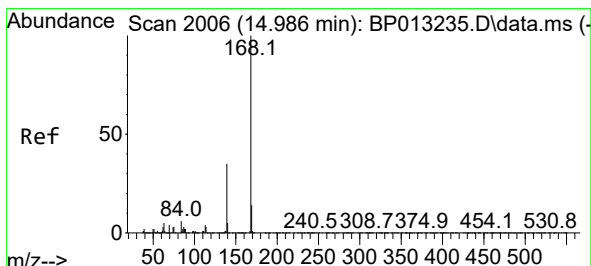
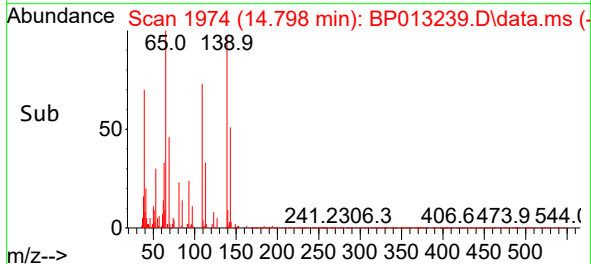
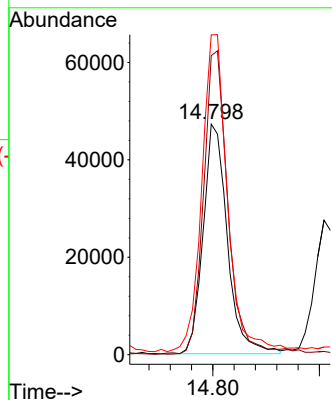
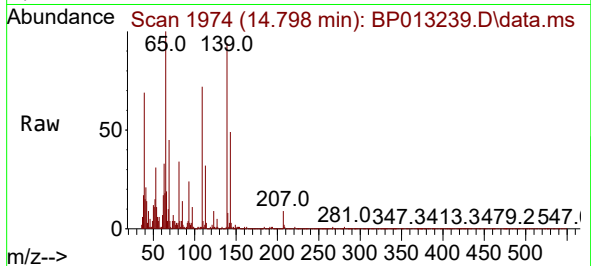




#55
4-Nitrophenol
Concen: 7.870 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

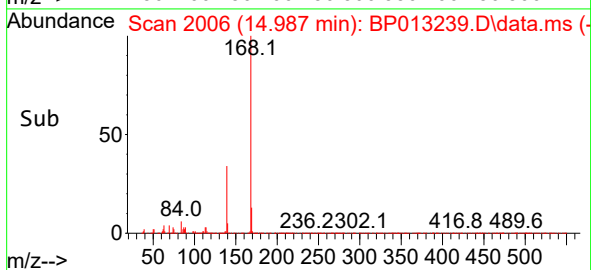
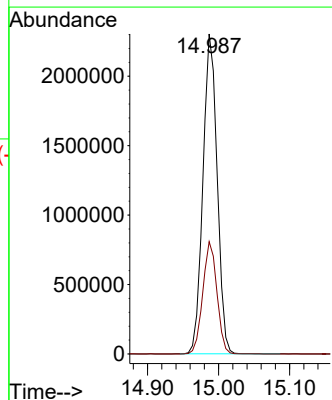
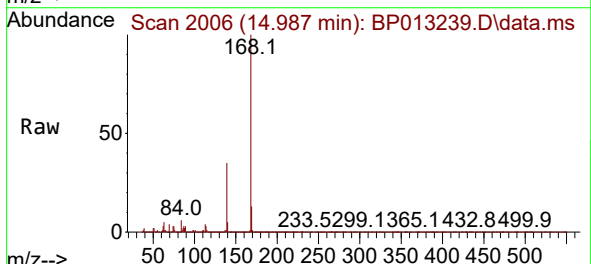
Instrument :
BNA_P
ClientSampleId :

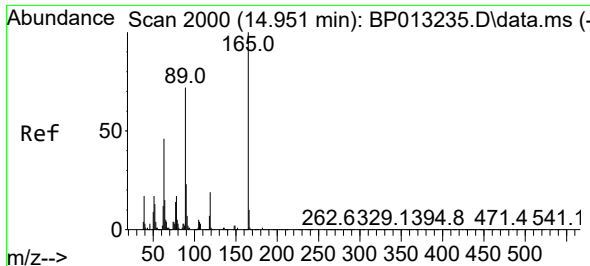
Tgt Ion:109 Resp: 74519
Ion Ratio Lower Upper
109 100
139 129.7 120.8 181.2
65 138.7 107.9 161.9



#56
Dibenzofuran
Concen: 35.732 ng/ul
RT: 14.987 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

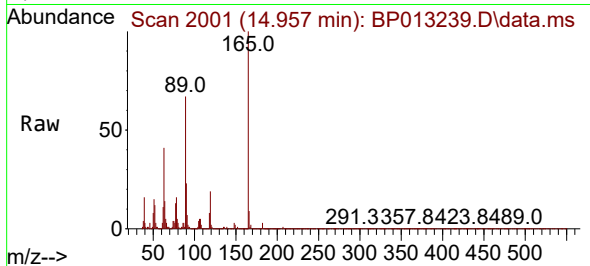
Tgt Ion:168 Resp: 3208590
Ion Ratio Lower Upper
168 100
139 35.1 27.9 41.9



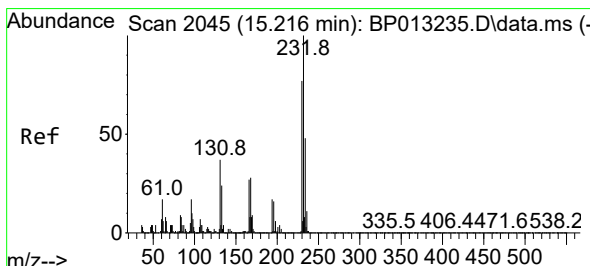
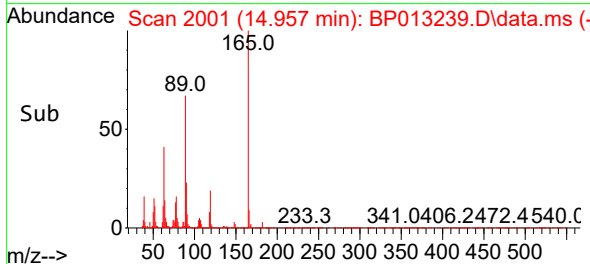
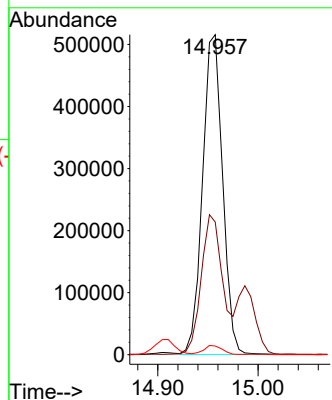


#57
2,4-Dinitrotoluene
Concen: 34.809 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Instrument :
BNA_P
ClientSampleId :

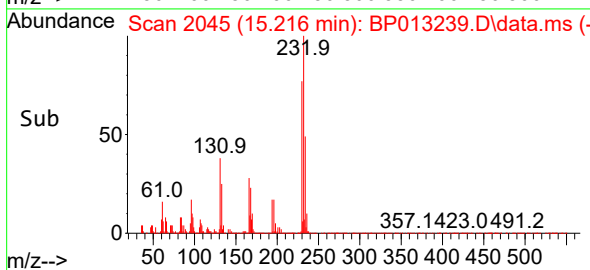
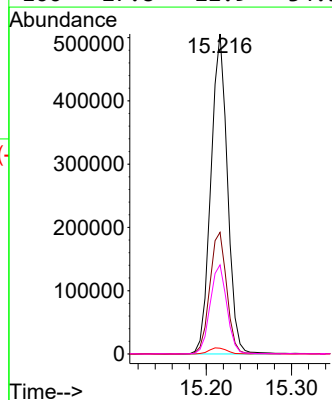
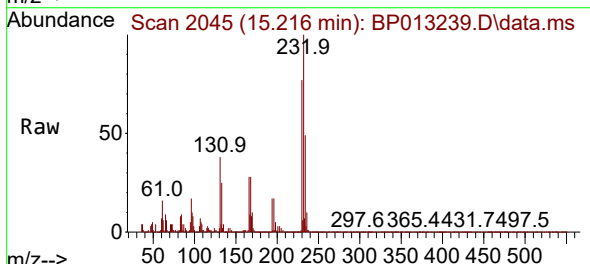


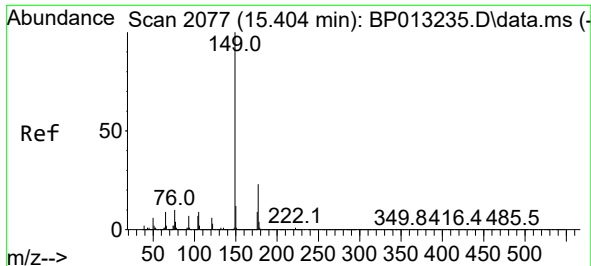
Tgt Ion:165 Resp: 718514
Ion Ratio Lower Upper
165 100
63 41.4 31.8 47.6
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.482 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

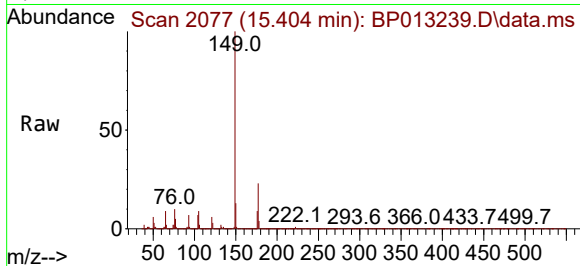
Tgt Ion:232 Resp: 681796
Ion Ratio Lower Upper
232 100
131 38.0 31.8 47.6
130 1.8 1.8 2.6
166 27.8 22.9 34.3



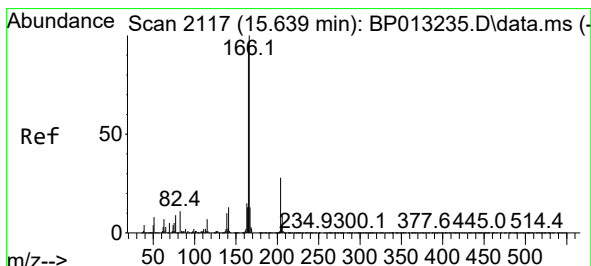
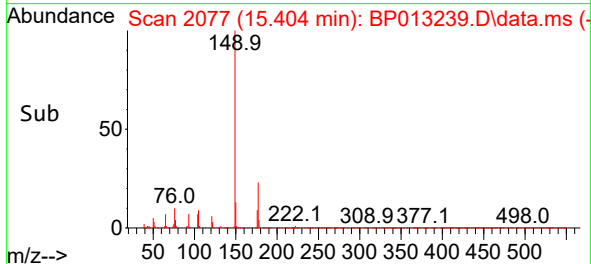
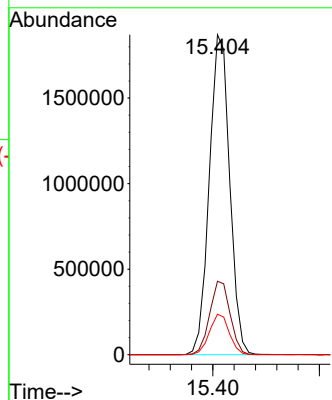


#59
Diethylphthalate
Concen: 33.392 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Instrument :
BNA_P
ClientSampleId :

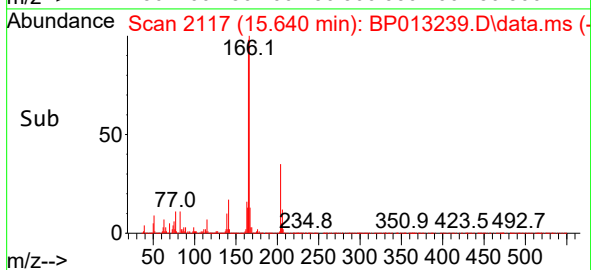
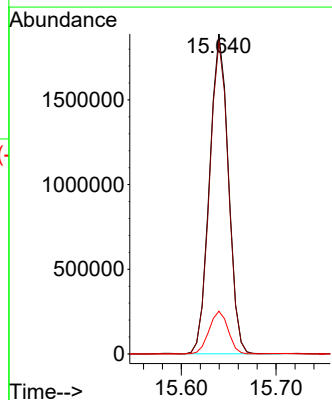
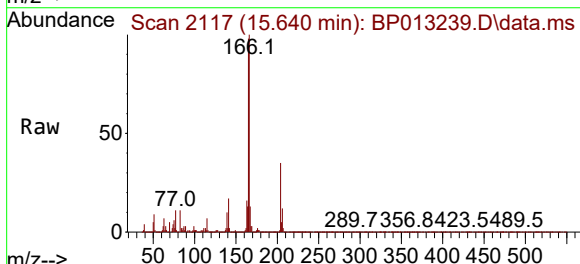


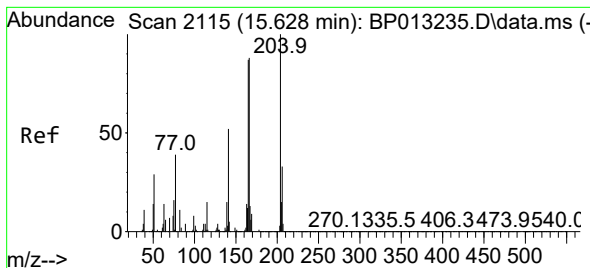
Tgt Ion:149 Resp: 2482122
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.7 9.9 14.9



#61
Fluorene
Concen: 36.210 ng/ul
RT: 15.640 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:166 Resp: 2607683
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.2
167 13.4 10.6 16.0

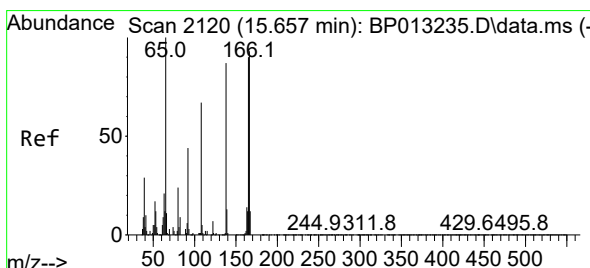
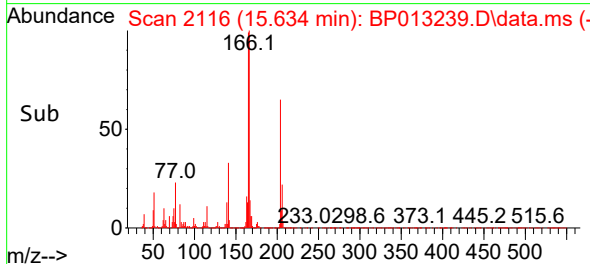
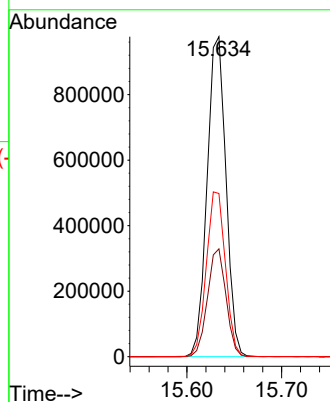
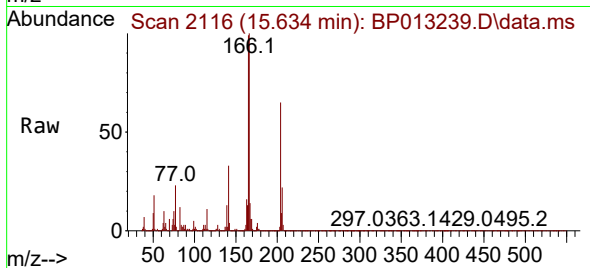




#62
4-Chlorophenyl-phenylether
Concen: 35.431 ng/ul
RT: 15.634 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

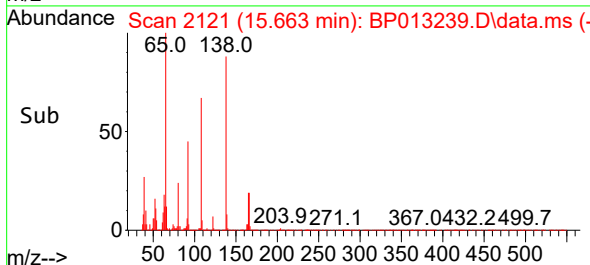
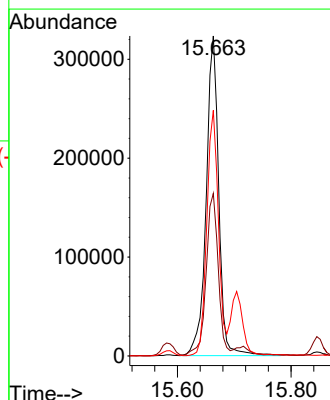
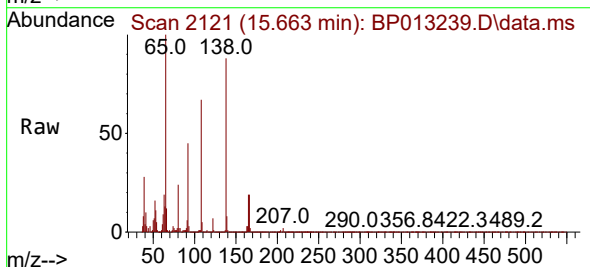
Instrument :
BNA_P
ClientSampleId :

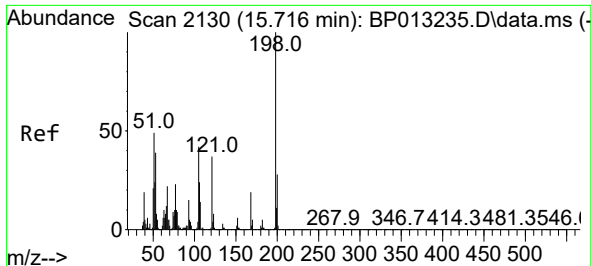
Tgt Ion:204 Resp: 1349353
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 51.0 40.4 60.6



#63
4-Nitroaniline
Concen: 42.052 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:138 Resp: 496517
Ion Ratio Lower Upper
138 100
92 50.8 39.0 58.4
108 76.7 55.1 82.7

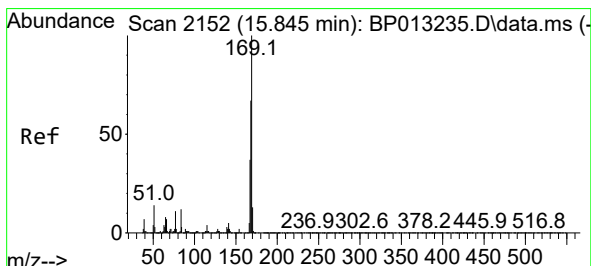
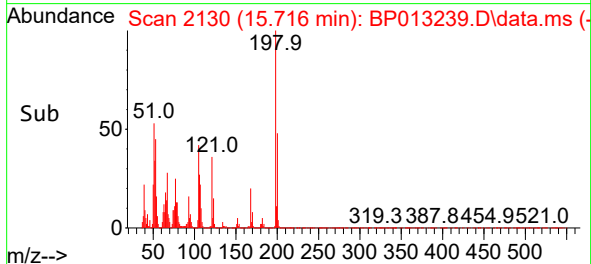
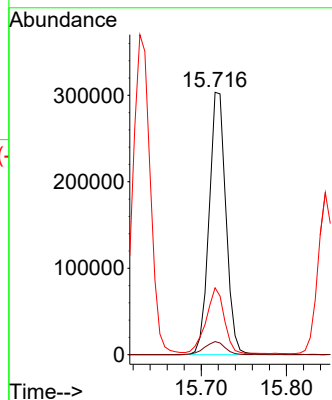
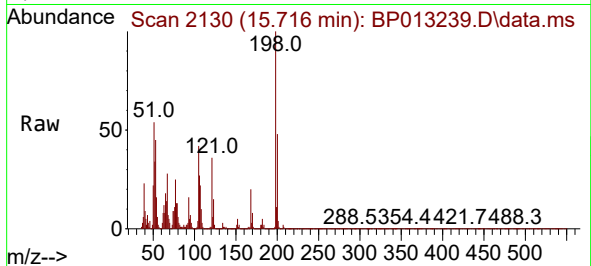




#66
4,6-Dinitro-2-methylphenol
Concen: 33.015 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

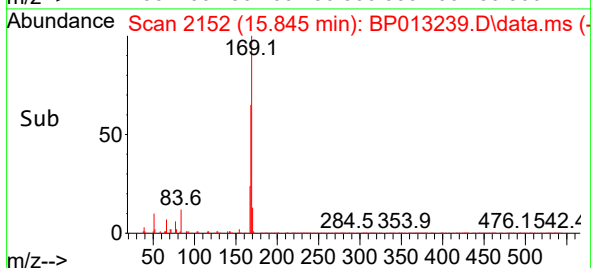
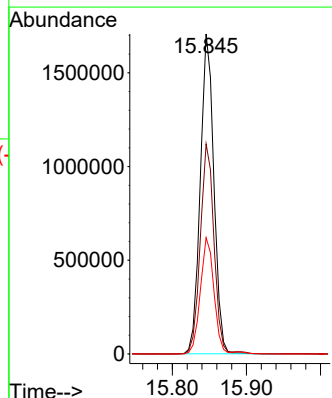
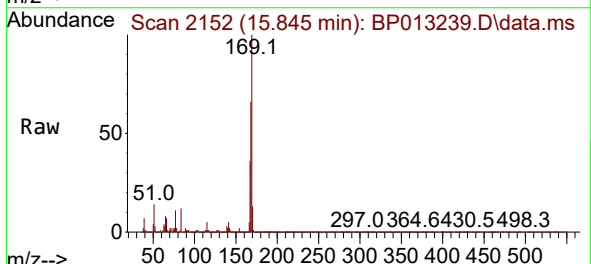
Instrument :
BNA_P
ClientSampleId :

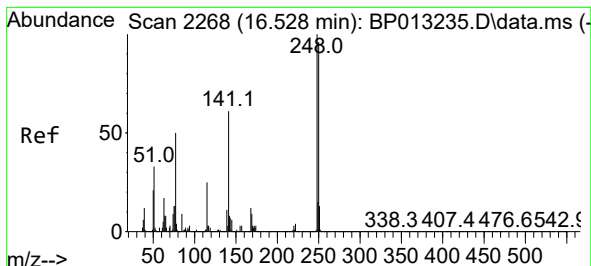
Tgt Ion:198 Resp: 416039
Ion Ratio Lower Upper
198 100
182 5.0 3.3 4.9#
77 25.5 16.6 25.0#



#67
N-Nitrosodiphenylamine
Concen: 38.947 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:169 Resp: 2163681
Ion Ratio Lower Upper
169 100
168 65.7 53.0 79.6
167 36.3 29.1 43.7

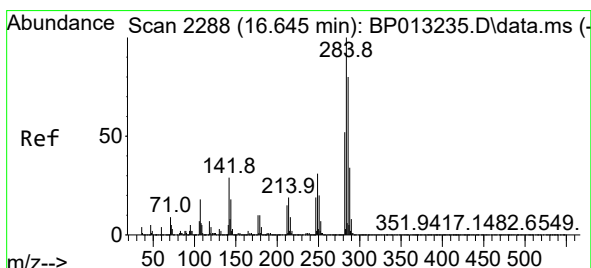
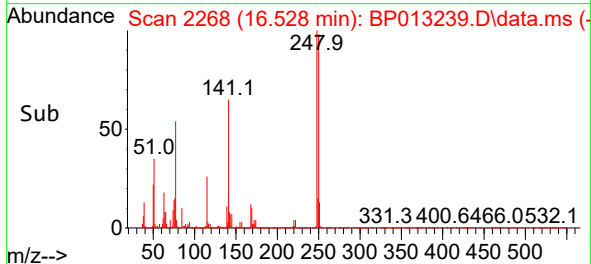
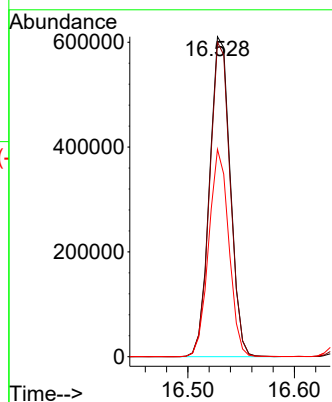
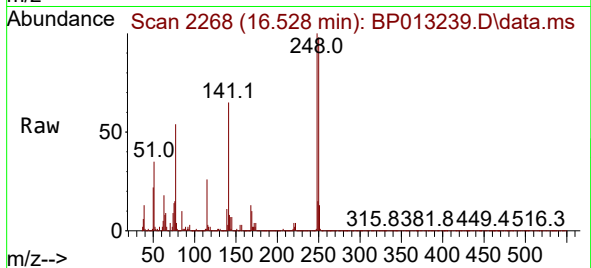




#68
4-Bromophenyl-phenylether
Concen: 37.867 ng/ul
RT: 16.528 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

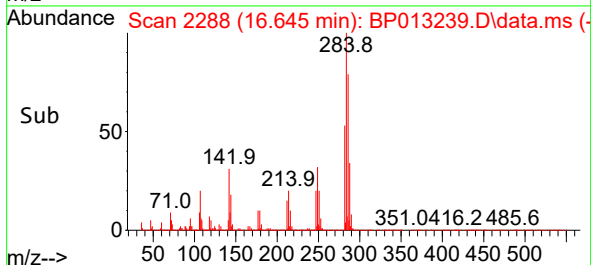
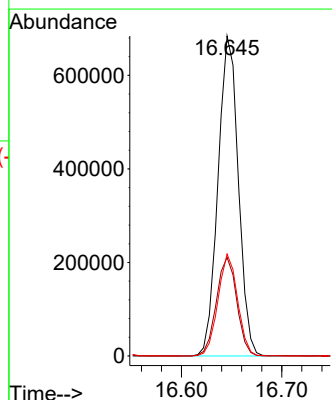
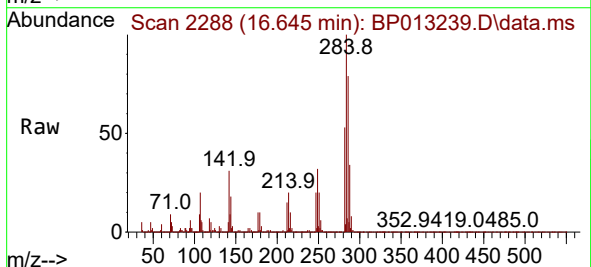
Instrument :
BNA_P
ClientSampleId :

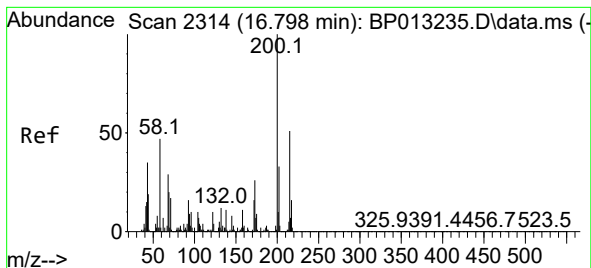
Tgt Ion:248 Resp: 824040
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.0
141 64.8 48.3 72.5



#69
Hexachlorobenzene
Concen: 37.170 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:284 Resp: 960443
Ion Ratio Lower Upper
284 100
142 30.8 22.6 34.0
249 31.9 24.6 37.0





#70

Atrazine

Concen: 34.643 ng/ul

RT: 16.804 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

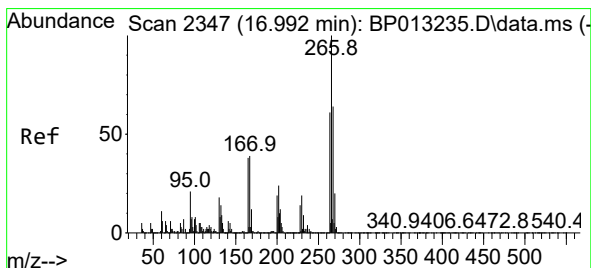
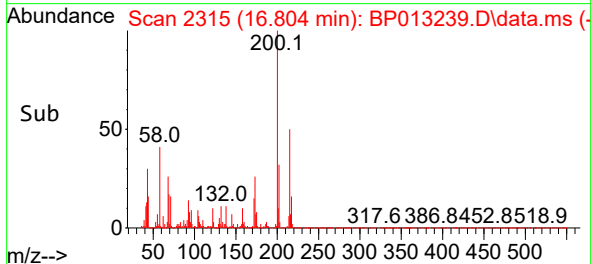
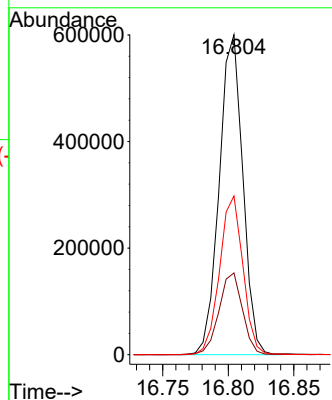
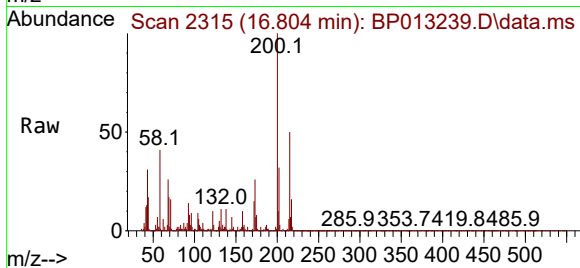
Tgt Ion:200 Resp: 749976

Ion Ratio Lower Upper

200 100

173 25.6 20.5 30.7

215 49.6 39.9 59.9



#71

Pentachlorophenol

Concen: 34.224 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

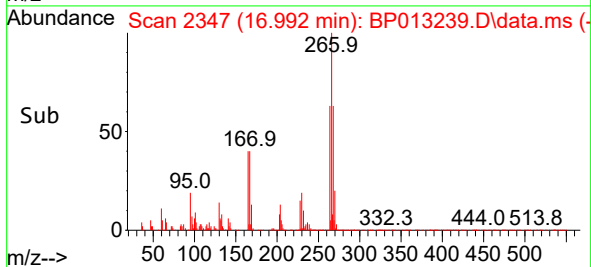
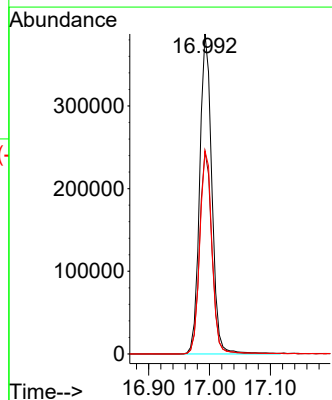
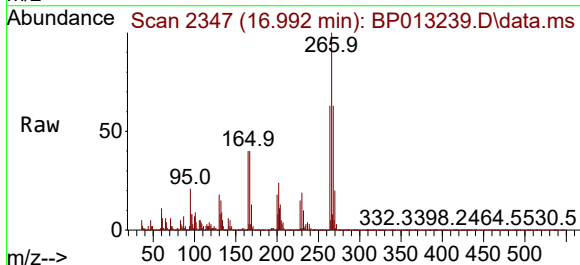
Tgt Ion:266 Resp: 535531

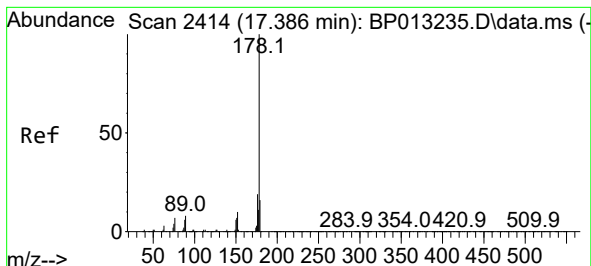
Ion Ratio Lower Upper

266 100

264 63.3 50.9 76.3

268 63.5 51.4 77.2





#72

Phenanthrene

Concen: 38.980 ng/ul

RT: 17.392 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

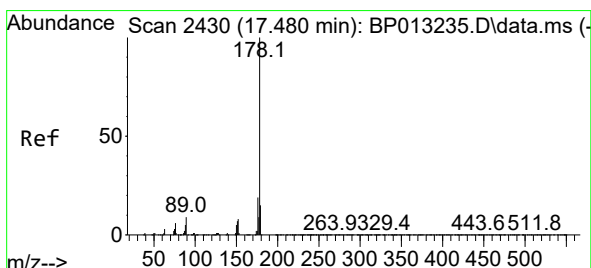
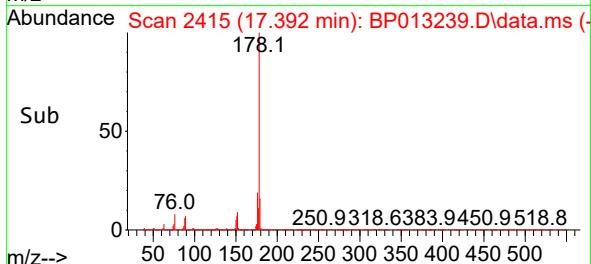
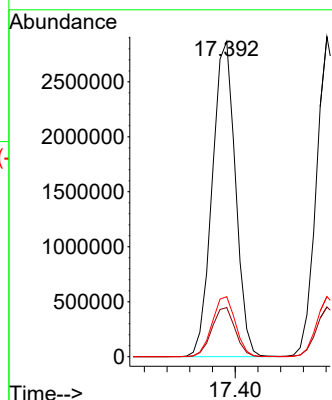
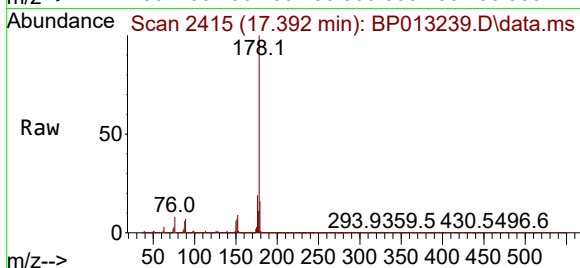
Tgt Ion:178 Resp: 4068414

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.0 15.4 23.0



#74

Anthracene

Concen: 39.347 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

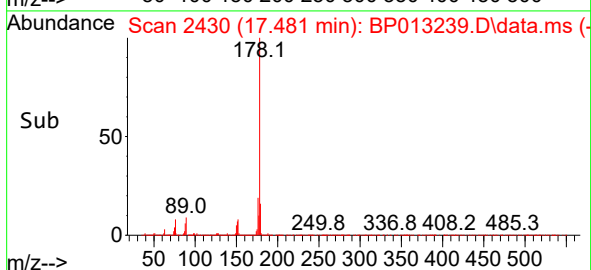
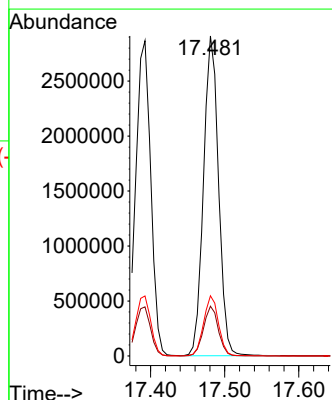
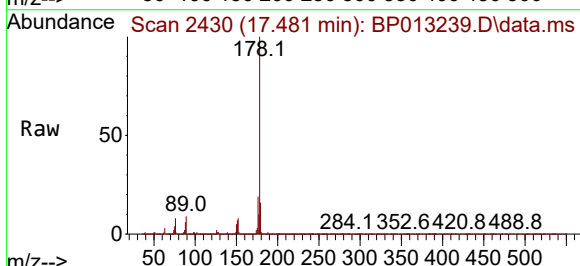
Tgt Ion:178 Resp: 4100554

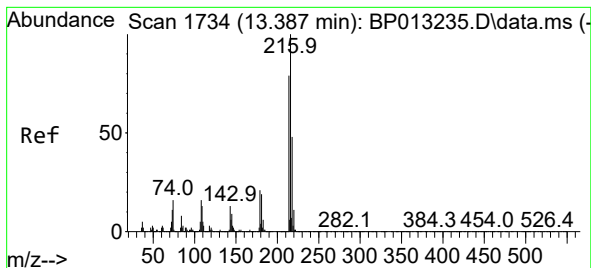
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.8 14.8 22.2

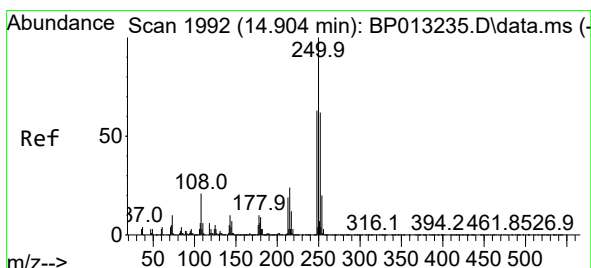
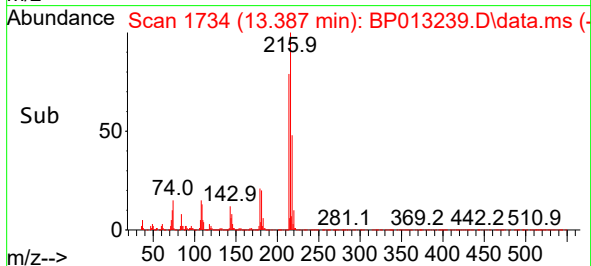
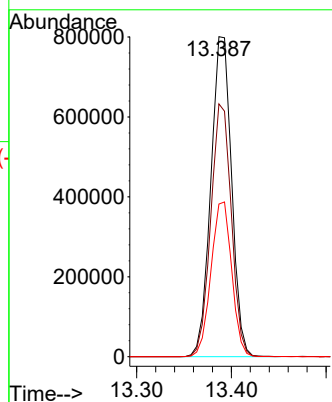
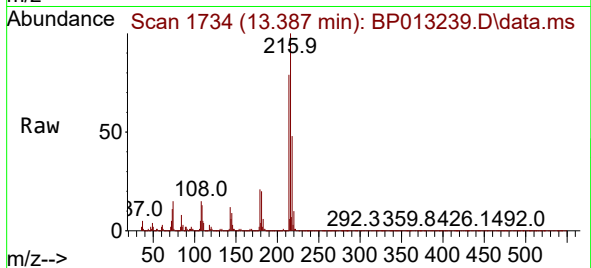




#75
1,2,3,4-Tetrachlorobenzene
Concen: 42.598 ng/uL
RT: 13.387 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

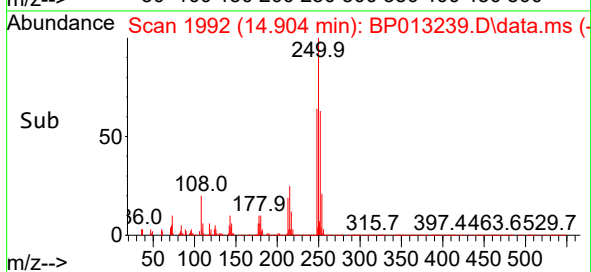
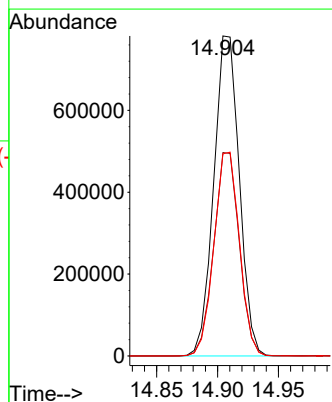
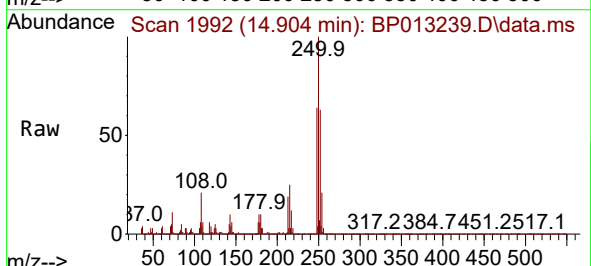
Instrument :
BNA_P
ClientSampleId :

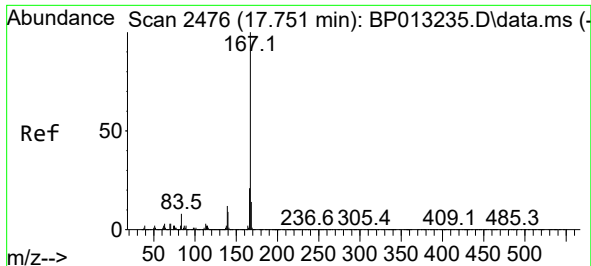
Tgt Ion:216 Resp: 1217835
Ion Ratio Lower Upper
216 100
214 79.0 62.2 93.2
218 47.7 38.9 58.3



#76
Pentachlorobenzene
Concen: 39.148 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

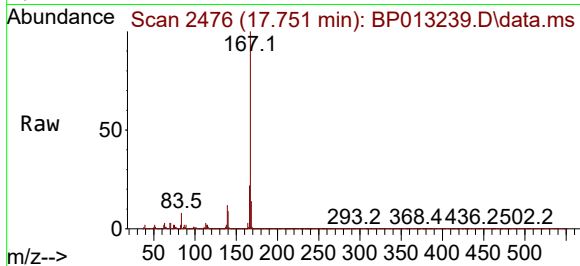
Tgt Ion:250 Resp: 1141079
Ion Ratio Lower Upper
250 100
248 63.6 50.6 76.0
252 63.2 51.1 76.7



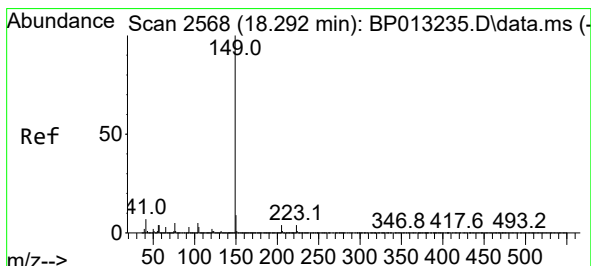
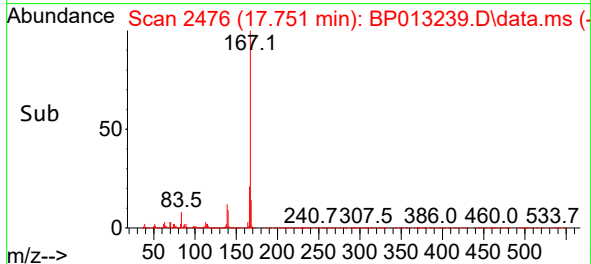
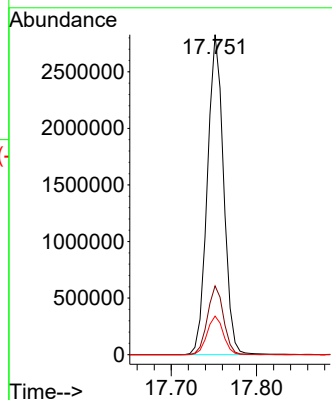


#77
 Carbazole
 Concen: 42.547 ng/ul
 RT: 17.751 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BP013239.D
 Acq: 22 Dec 2022 11:05

Instrument :
 BNA_P
 ClientSampleId :

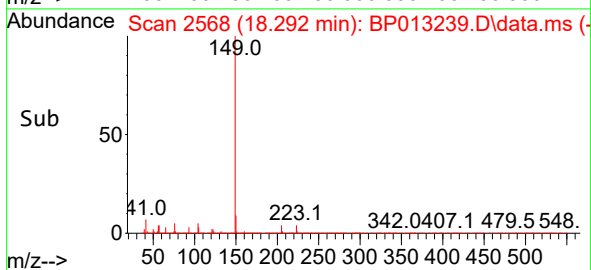
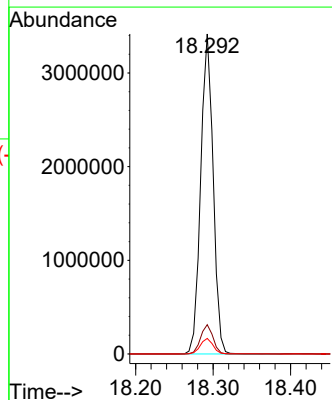
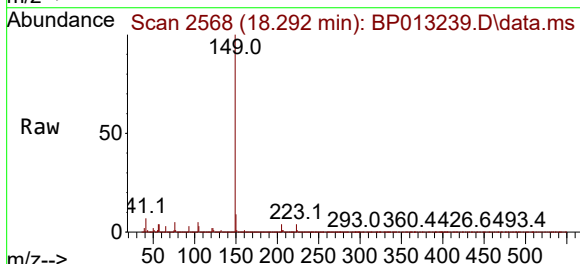


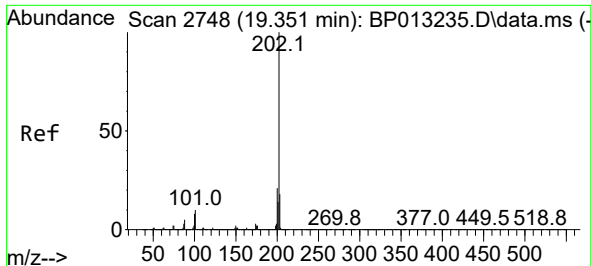
Tgt Ion:167 Resp: 3734170
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.1 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 35.517 ng/ul
 RT: 18.292 min Scan# 2568
 Delta R.T. 0.000 min
 Lab File: BP013239.D
 Acq: 22 Dec 2022 11:05

Tgt Ion:149 Resp: 3795358
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.8 3.8 5.6

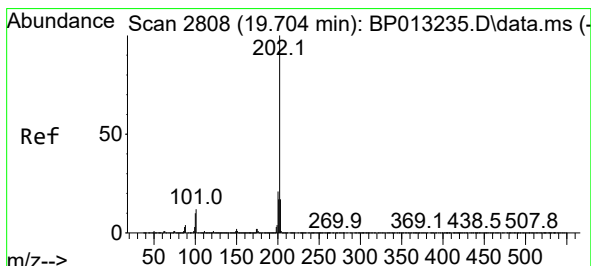
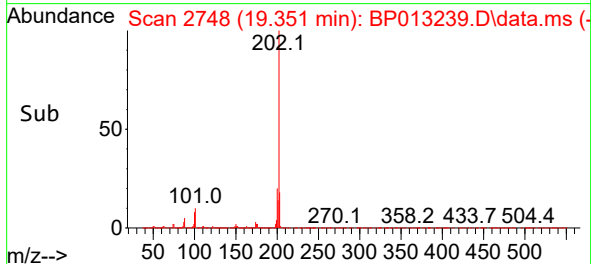
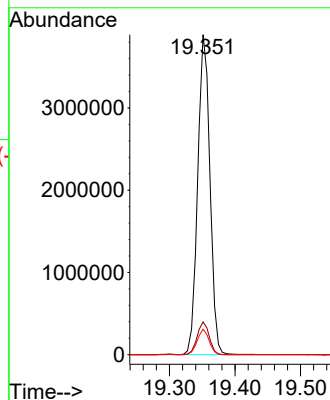
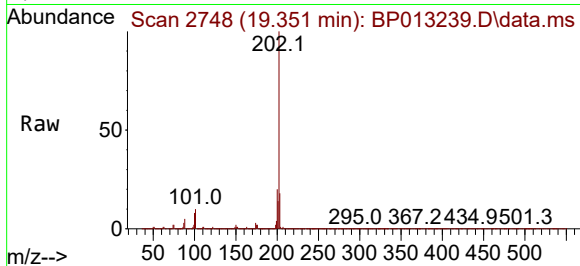




#80
Fluoranthene
Concen: 34.475 ng/ul
RT: 19.351 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

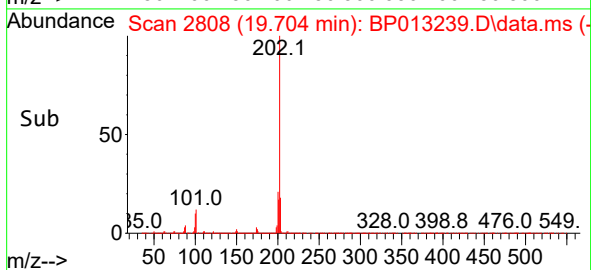
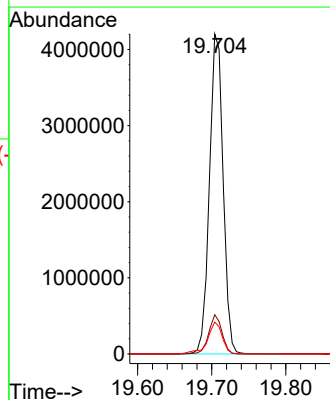
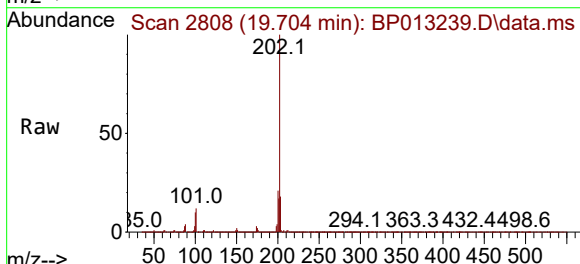
Instrument :
BNA_P
ClientSampleId :

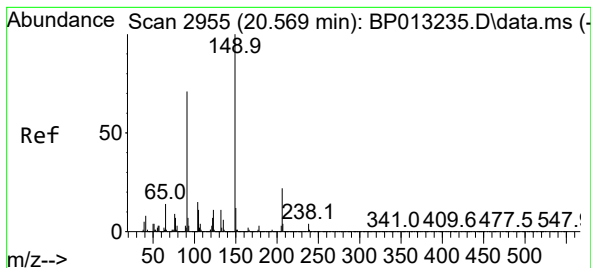
Tgt Ion:202 Resp: 5045688
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.2
100 8.0 6.1 9.1



#82
Pyrene
Concen: 35.684 ng/ul
RT: 19.704 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP013239.D
Acq: 22 Dec 2022 11:05

Tgt Ion:202 Resp: 5387455
Ion Ratio Lower Upper
202 100
101 12.3 9.4 14.2
100 10.0 7.8 11.8





#83

Butylbenzylphthalate

Concen: 30.406 ng/ul

RT: 20.569 min Scan# 2955

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

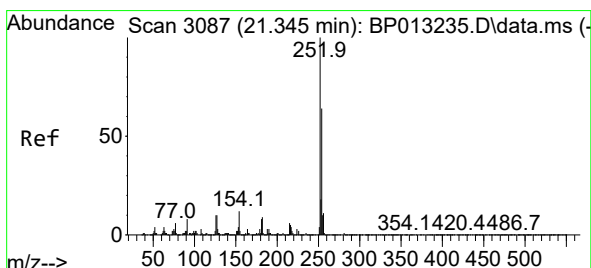
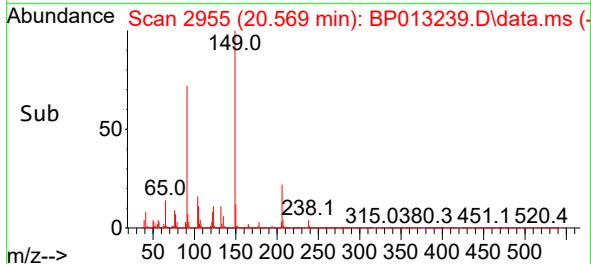
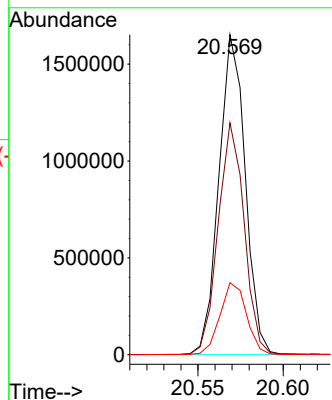
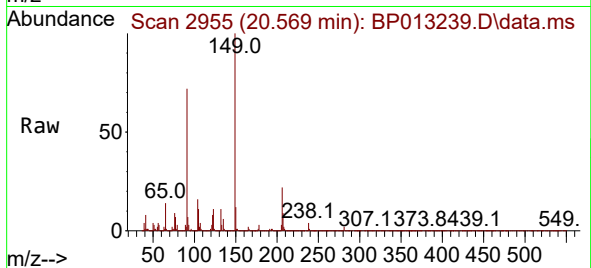
Tgt Ion:149 Resp: 1773417

Ion Ratio Lower Upper

149 100

91 72.5 53.4 80.0

206 22.5 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 35.189 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

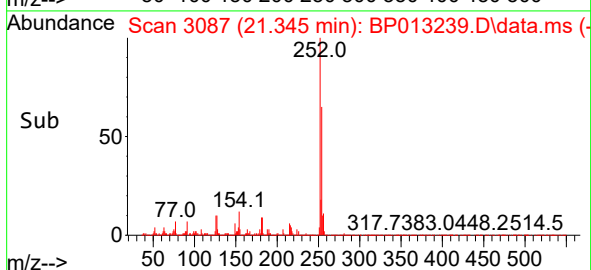
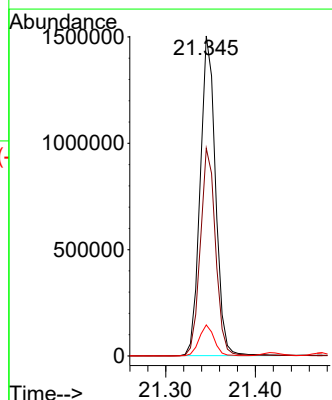
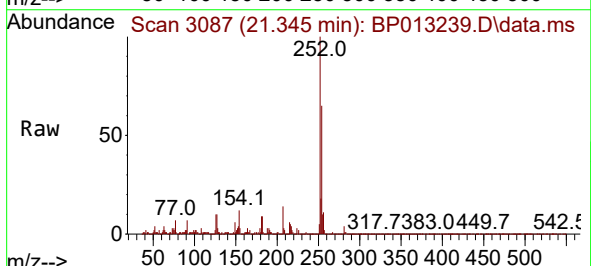
Tgt Ion:252 Resp: 1785923

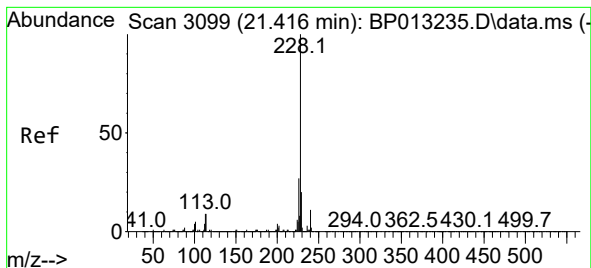
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

126 9.7 7.4 11.2





#85

Benzo(a)anthracene

Concen: 38.836 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

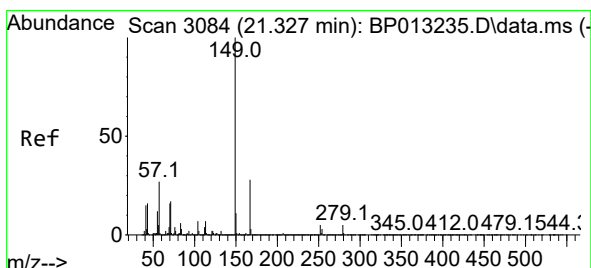
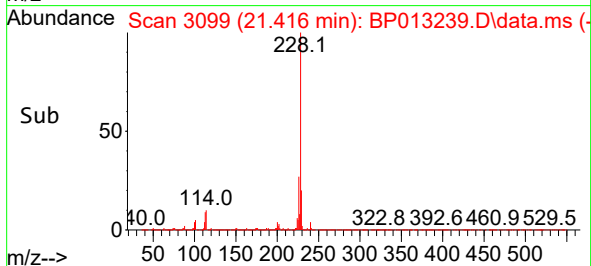
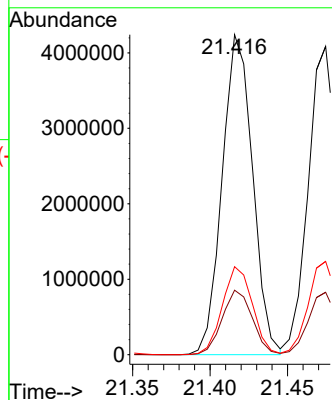
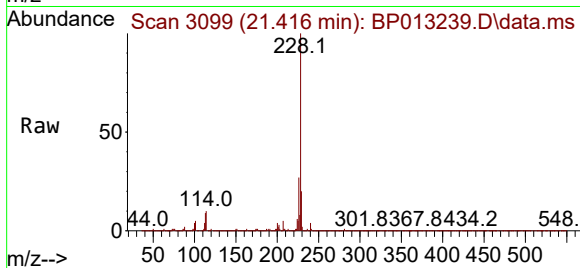
Tgt Ion:228 Resp: 5791983

Ion Ratio Lower Upper

228 100

229 20.1 16.1 24.1

226 27.5 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.079 ng/ul

RT: 21.328 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

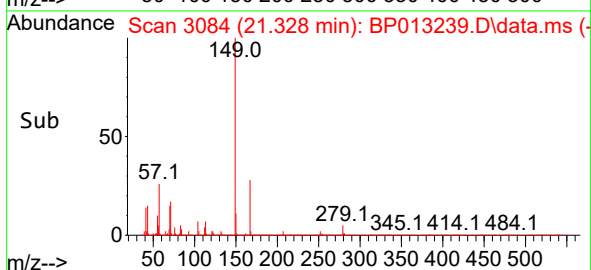
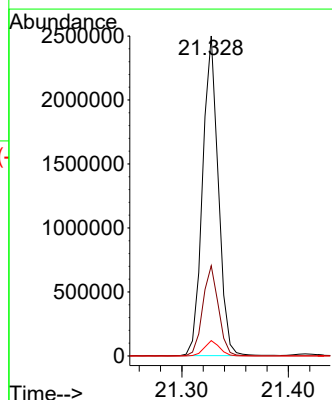
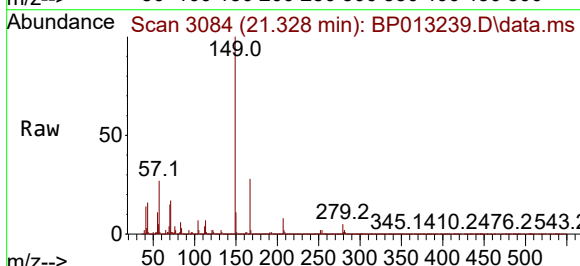
Tgt Ion:149 Resp: 2556984

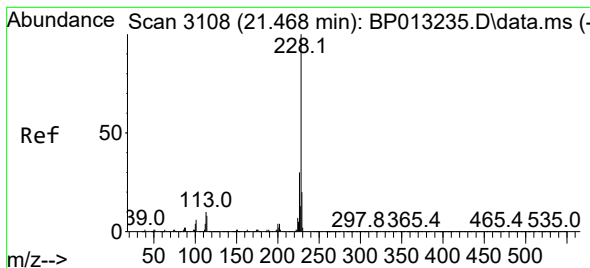
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.8 3.8 5.8





#87

Chrysene

Concen: 38.713 ng/ul

RT: 21.475 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

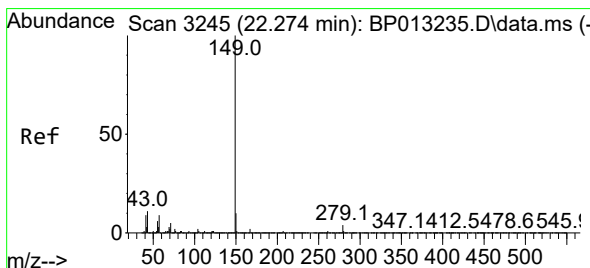
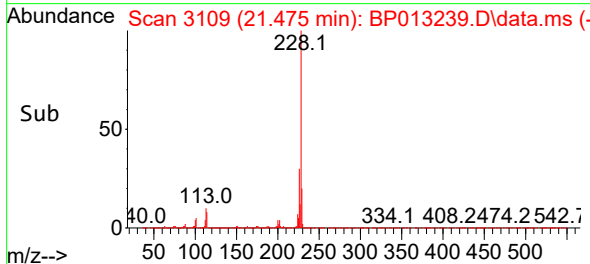
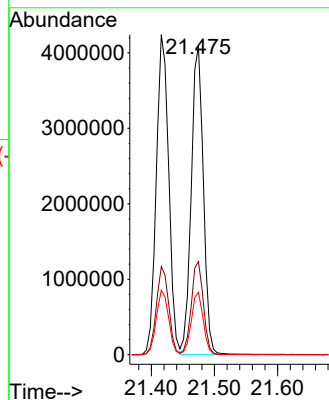
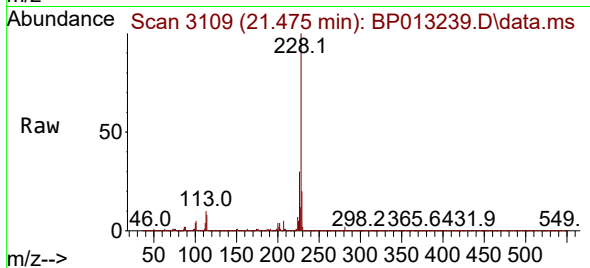
Tgt Ion:228 Resp: 5459857

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.2 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 32.091 ng/ul

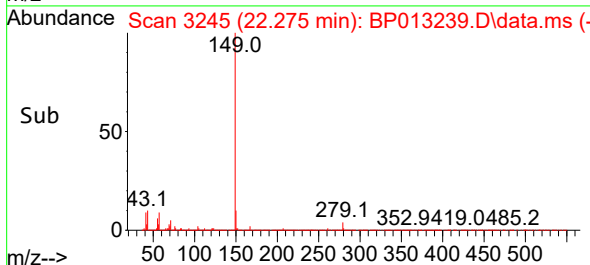
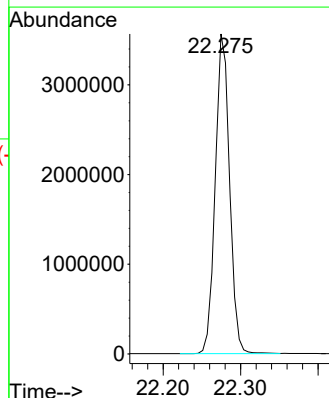
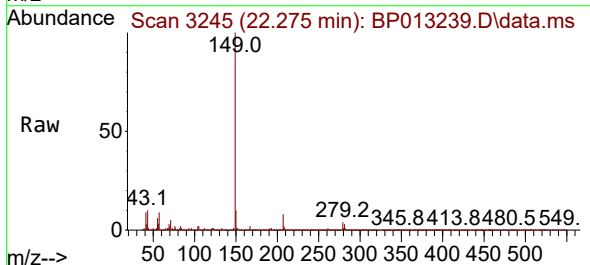
RT: 22.275 min Scan# 3245

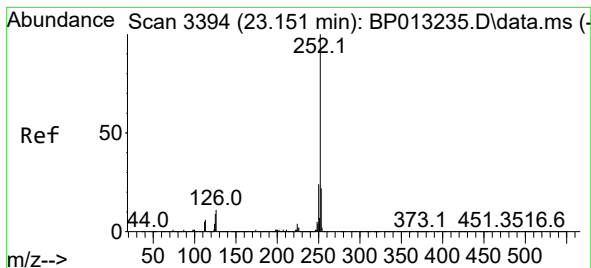
Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Tgt Ion:149 Resp: 4564878





#90

Benzo(b)fluoranthene

Concen: 39.335 ng/ul

RT: 23.151 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

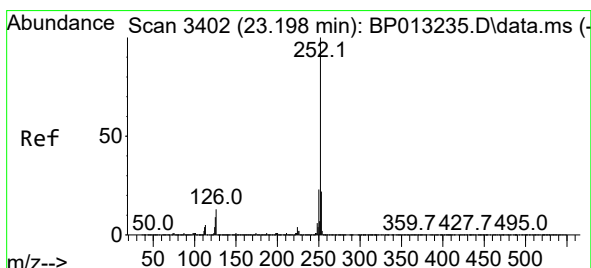
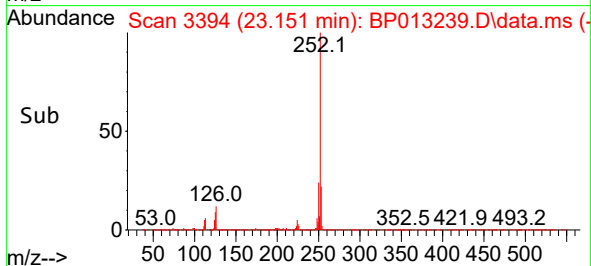
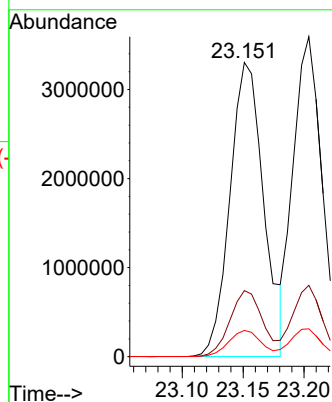
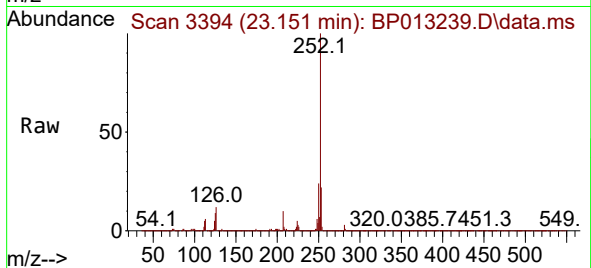
Tgt Ion:252 Resp: 6368844

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 8.9 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 36.936 ng/ul

RT: 23.204 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

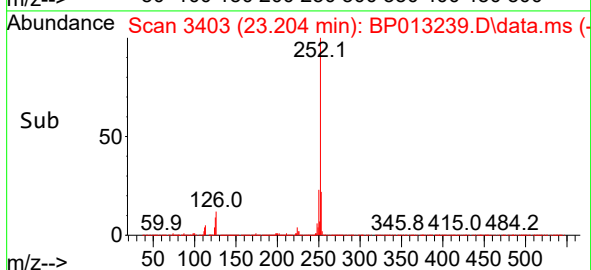
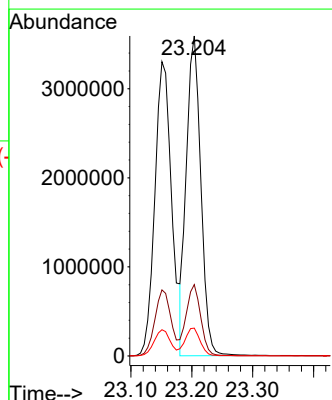
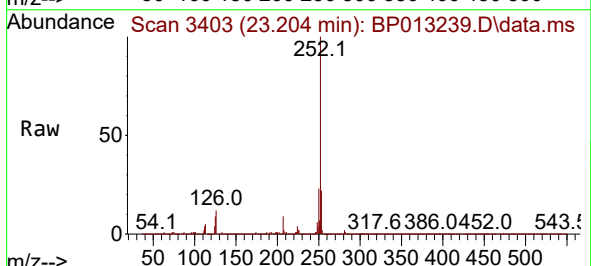
Tgt Ion:252 Resp: 5930126

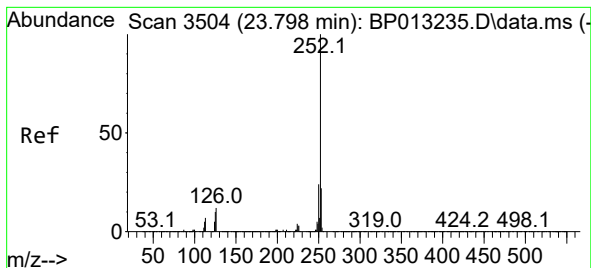
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.7 6.8 10.2





#93

Benzo(a)pyrene

Concen: 39.224 ng/ul

RT: 23.804 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

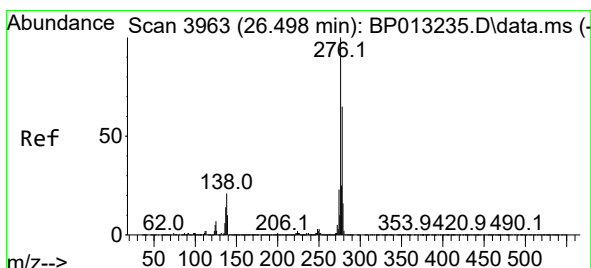
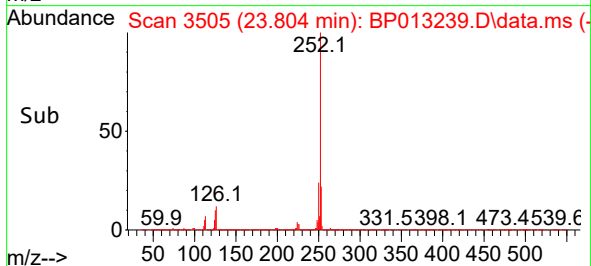
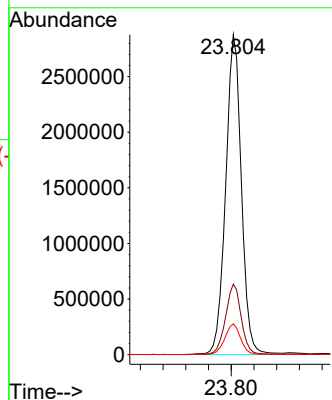
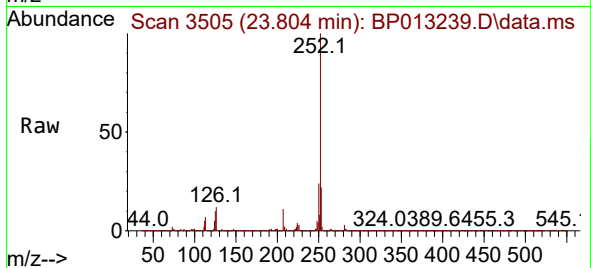
Tgt Ion:252 Resp: 5529797

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.6 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.441 ng/ul

RT: 26.510 min Scan# 3965

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

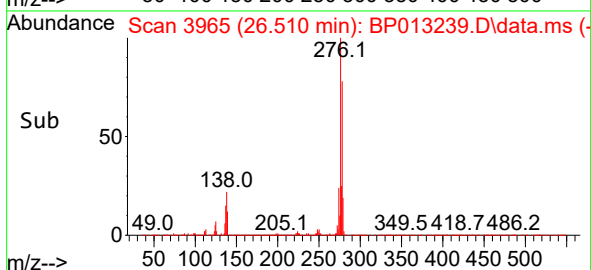
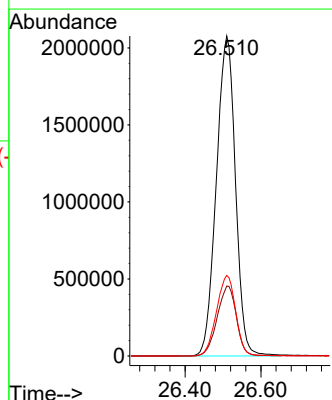
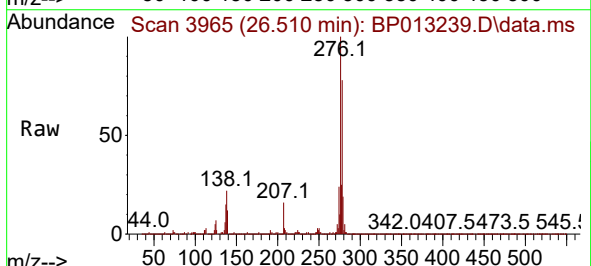
Tgt Ion:276 Resp: 7277354

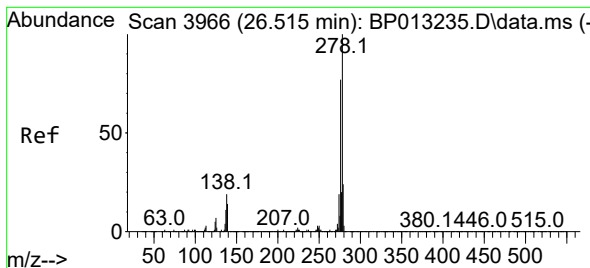
Ion Ratio Lower Upper

276 100

138 21.8 17.1 25.7

277 25.2 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 42.483 ng/ul

RT: 26.521 min Scan# 3966

Delta R.T. 0.000 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Instrument :

BNA_P

ClientSampleId :

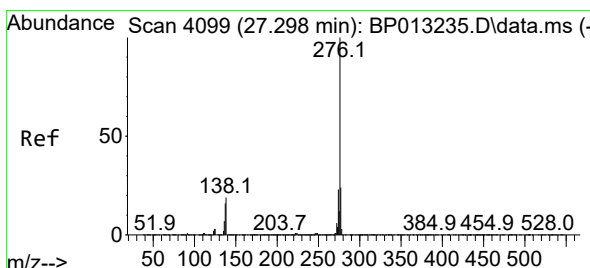
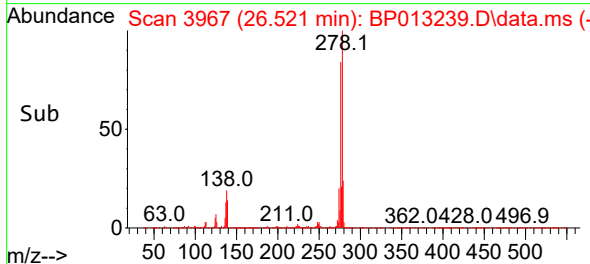
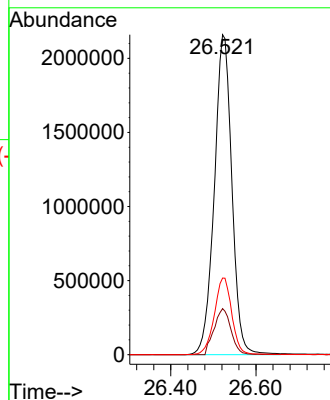
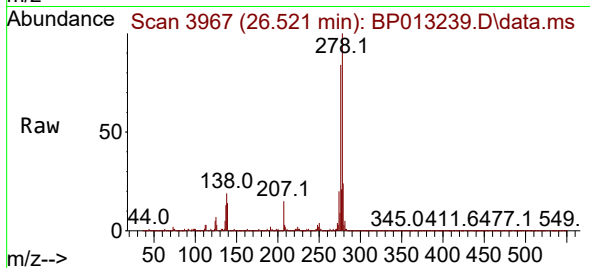
Tgt Ion:278 Resp: 6176837

Ion Ratio Lower Upper

278 100

139 14.4 11.1 16.7

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 42.630 ng/ul

RT: 27.304 min Scan# 4100

Delta R.T. 0.006 min

Lab File: BP013239.D

Acq: 22 Dec 2022 11:05

Tgt Ion:276 Resp: 6010030

Ion Ratio Lower Upper

276 100

138 18.9 15.4 23.2

277 24.3 19.1 28.7

