

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012116.D
 Acq On : 13 Oct 2022 12:25
 Operator : CG/JU
 Sample : PB148253BS
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 13 23:32:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	283349	20.000	ng/u1	0.00
20) Naphthalene-d8	10.658	136	1151428	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	620969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1102479	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1176461	20.000	ng/u1	0.00
88) Perylene-d12	23.769	264	1275758	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	37338	5.195	ng/uL	0.00
4) Pyridine-d5	3.693	84	505818	26.465	ng/u1	0.00
7) Phenol-d5	7.017	99	690166	30.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	383927	29.681	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	570112	31.517	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	528515	30.194	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	271832	33.428	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	288376	34.973	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	515179	32.238	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	643130	27.310	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1198972	30.487	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	1532426	31.511	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	227347	29.446	ng/u1	0.00
60) Fluorene-d10	15.493	176	1067537	30.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	178550	30.671	ng/u1	0.00
73) Anthracene-d10	17.357	188	1502870	31.392	ng/u1	0.00
81) Pyrene-d10	19.592	212	1707982	28.338	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	1975515	31.854	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	77616	10.263	ng/uL	97
5) Pyridine	3.717	79	509328	27.813	ng/u1	94
6) Benzaldehyde	6.993	77	419608	39.245	ng/u1	98
8) Phenol	7.046	94	697589	29.159	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.275	93	549598	29.117	ng/u1	98
12) 2-Chlorophenol	7.411	128	589098	30.008	ng/u1	100
13) 2-Methylphenol	8.299	108	522936	29.307	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	533302	27.565	ng/u1	98
16) Acetophenone	8.681	105	799499	29.627	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.664	70	355303	28.908	ng/u1	99
18) 4-Methylphenol	8.628	108	559313	29.082	ng/u1	94
19) Hexachloroethane	8.928	117	225939	29.815	ng/u1	99
22) Nitrobenzene	9.058	77	573581	30.769	ng/u1	99
23) Isophorone	9.587	82	995268	30.100	ng/u1	99
25) 2-Nitrophenol	9.769	139	316441	32.665	ng/u1	95
26) 2,4-Dimethylphenol	9.834	107	556671	29.505	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.069	93	672142	29.622	ng/u1	100
29) 2,4-Dichlorophenol	10.305	162	511235	30.442	ng/u1	99
30) Naphthalene	10.705	128	1768904	29.072	ng/u1	100
32) 4-Chloroaniline	10.822	127	627999	25.866	ng/u1	98
33) Hexachlorobutadiene	10.987	225	306670	29.448	ng/u1	99
34) Caprolactam	11.616	113	130650	28.311	ng/u1	98
35) 4-Chloro-3-methylphenol	11.952	107	477017	29.982	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	1128884	28.813	ng/u1	100

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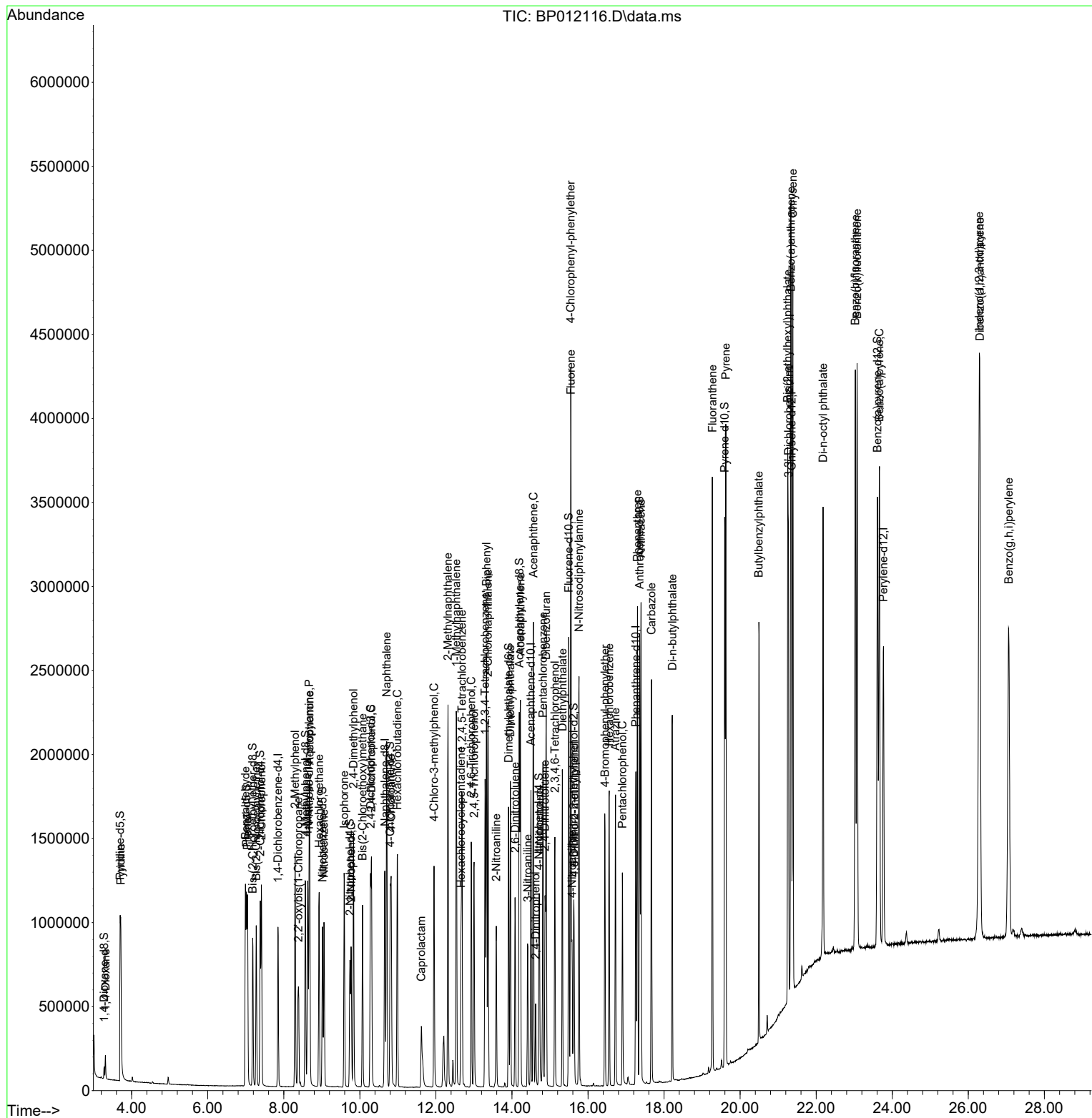
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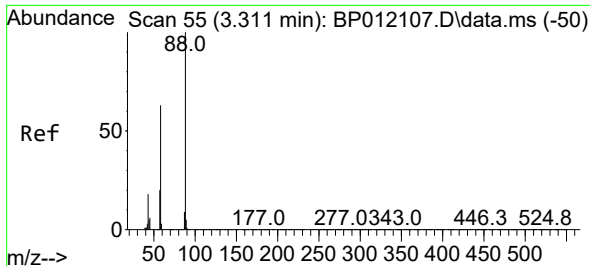
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1126079	28.700	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	572647	30.168	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	243138	26.371	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	364696	31.895	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	388310	31.248	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	1411453	30.108	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	1120546	29.933	ng/ul	99
45) 2-Nitroaniline	13.587	65	258911	32.422	ng/ul	94
47) Dimethylphthalate	13.957	163	1219569	29.434	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	246536	33.607	ng/ul	98
50) Acenaphthylene	14.222	152	1675628	30.452	ng/ul	100
51) 3-Nitroaniline	14.416	138	250451	29.320	ng/ul	99
52) Acenaphthene	14.563	153	1140867	29.124	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	115906	24.457	ng/ul	98
55) 4-Nitrophenol	14.722	109	148863	27.889	ng/ul	93
56) Dibenzofuran	14.898	168	1535839	29.010	ng/ul	98
57) 2,4-Dinitrotoluene	14.869	165	340293	32.277	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	296382	30.599	ng/ul	96
59) Diethylphthalate	15.328	149	1138968	30.015	ng/ul	99
61) Fluorene	15.551	166	1213054	29.190	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	584332	29.066	ng/ul	97
63) 4-Nitroaniline	15.581	138	271317	34.786	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.634	198	185628	29.496	ng/ul	94
67) N-Nitrosodiphenylamine	15.763	169	1001617	30.694	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	331988	30.946	ng/ul	96
69) Hexachlorobenzene	16.557	284	369862	29.704	ng/ul	97
70) Atrazine	16.722	200	313755	31.267	ng/ul	100
71) Pentachlorophenol	16.904	266	226551	31.054	ng/ul	99
72) Phenanthrene	17.298	178	1785440	29.779	ng/ul	99
74) Anthracene	17.392	178	1782440	30.042	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	584703	32.821	ng/ul	100
76) Pentachlorobenzene	14.816	250	499987	28.577	ng/ul	100
77) Carbazole	17.669	167	1621424	30.640	ng/ul	99
78) Di-n-butylphthalate	18.216	149	1649504	31.411	ng/ul	100
80) Fluoranthene	19.269	202	2007177	27.178	ng/ul	99
82) Pyrene	19.622	202	2153618	27.555	ng/ul	97
83) Butylbenzylphthalate	20.492	149	762507	30.777	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.269	252	754208	29.093	ng/ul#	98
85) Benzo(a)anthracene	21.333	228	2241477	30.269	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	1054434	31.570	ng/ul	99
87) Chrysene	21.386	228	2150808	30.174	ng/ul	98
89) Di-n-octyl phthalate	22.180	149	1924985	30.139	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	2458686	30.447	ng/ul	99
91) Benzo(k)fluoranthene	23.075	252	2426850	30.553	ng/ul	99
93) Benzo(a)pyrene	23.663	252	2206136	30.621	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.286	276	2884844	31.668	ng/ul	95
95) Dibenzo(a,h)anthracene	26.304	278	2459157	30.091	ng/ul	97
96) Benzo(g,h,i)perylene	27.063	276	2410817	29.352	ng/ul	96

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

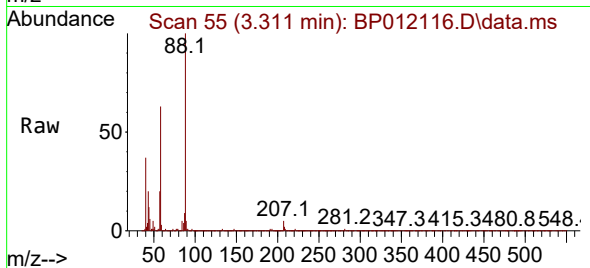
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
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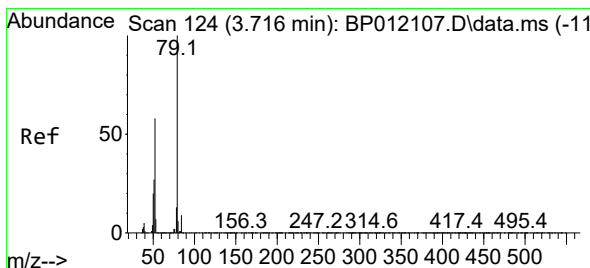
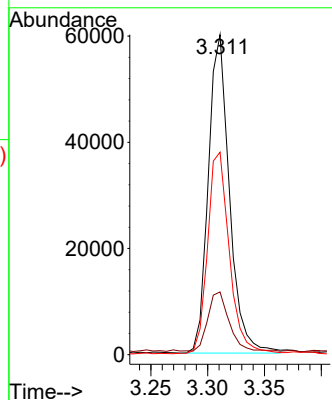
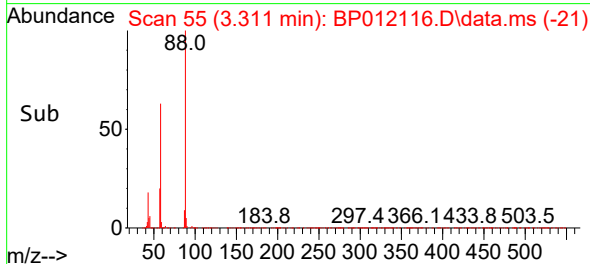


#2
1,4-Dioxane
Concen: 10.263 ng/uL
RT: 3.311 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

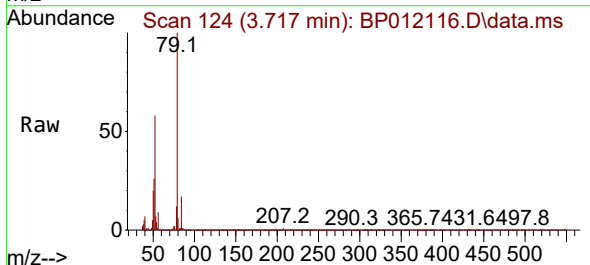
Instrument :
BNA_P
ClientSampleId :



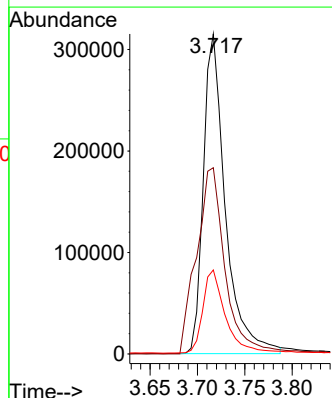
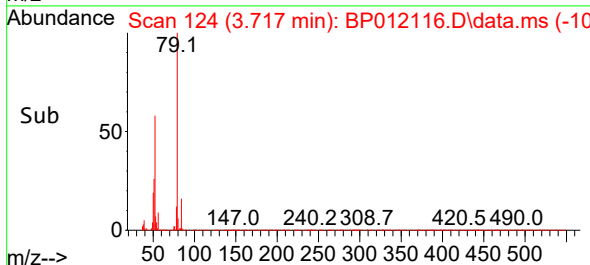
Tgt Ion: 88 Resp: 77616
Ion Ratio Lower Upper
88 100
43 19.6 16.6 25.0
58 63.3 52.6 79.0

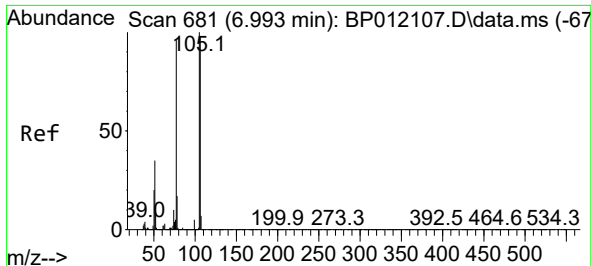


#5
Pyridine
Concen: 27.813 ng/uL
RT: 3.717 min Scan# 124
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25



Tgt Ion: 79 Resp: 509328
Ion Ratio Lower Upper
79 100
52 58.2 51.2 76.8
51 26.3 22.8 34.2

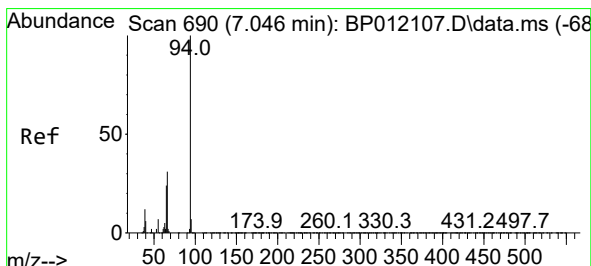
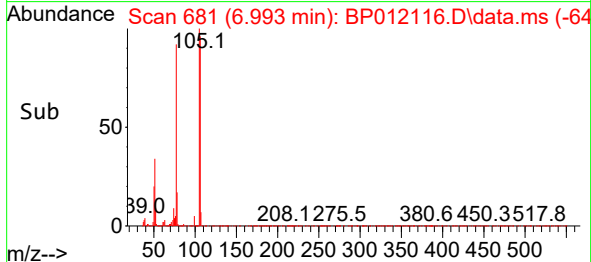
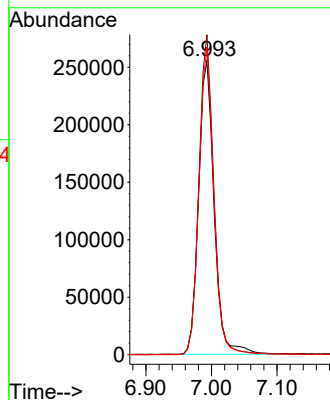
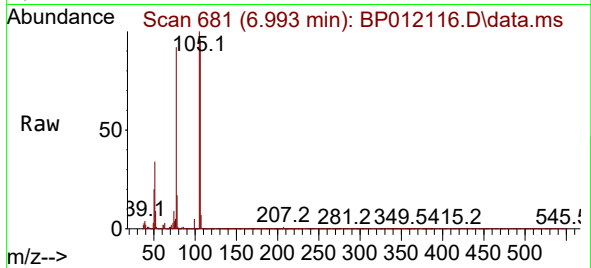




#6
Benzaldehyde
Concen: 39.245 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

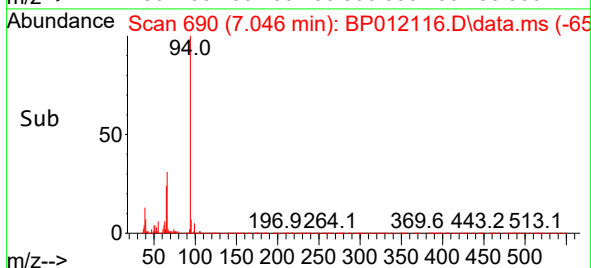
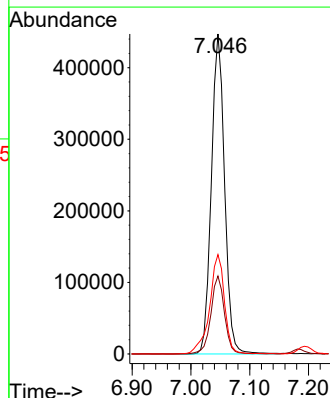
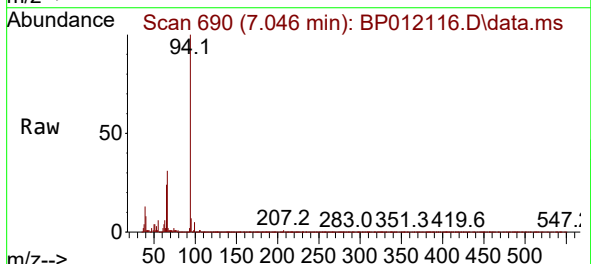
Instrument :
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ClientSampleId :

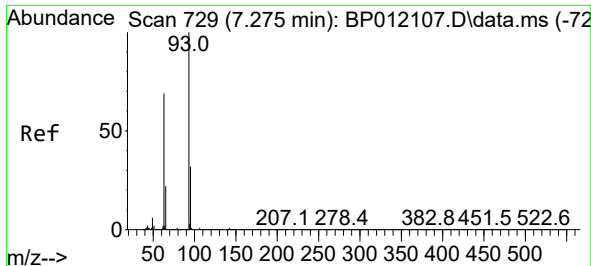
Tgt Ion: 77 Resp: 419608
Ion Ratio Lower Upper
77 100
105 108.9 85.2 127.8
106 104.7 83.1 124.7



#8
Phenol
Concen: 29.159 ng/ul
RT: 7.046 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

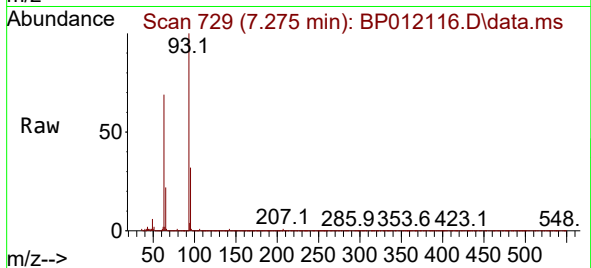
Tgt Ion: 94 Resp: 697589
Ion Ratio Lower Upper
94 100
65 24.4 19.4 29.0
66 31.0 24.6 37.0



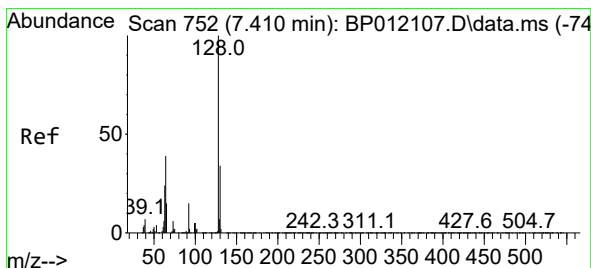
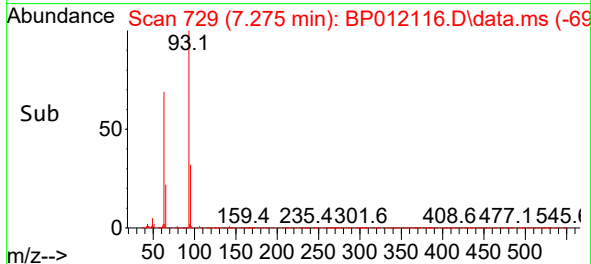
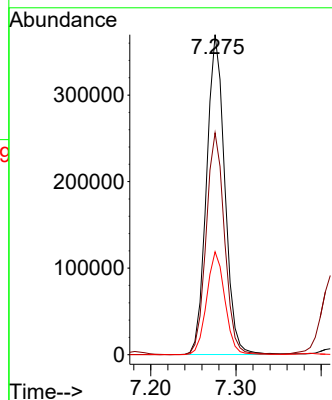


#10
 Bis(2-Chloroethyl)ether
 Concen: 29.117 ng/ul
 RT: 7.275 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BP012116.D
 Acq: 13 Oct 2022 12:25

Instrument :
 BNA_P
 ClientSampleId :

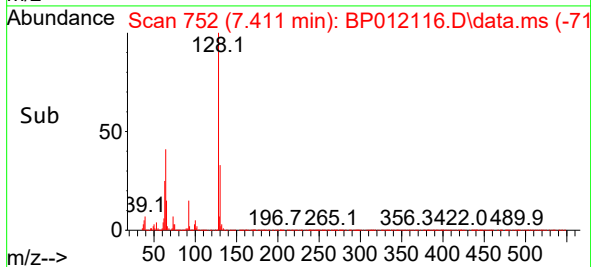
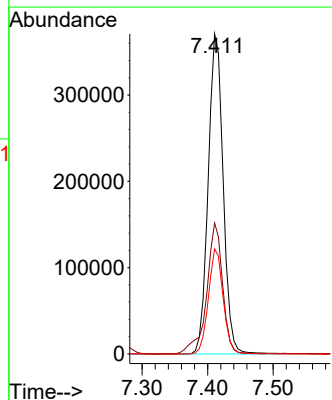
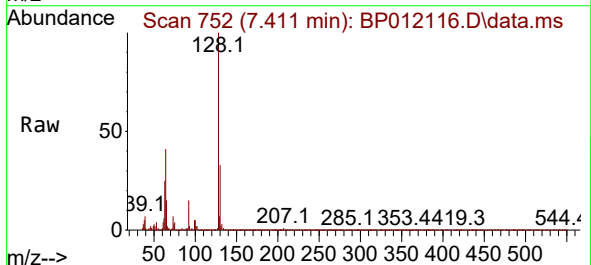


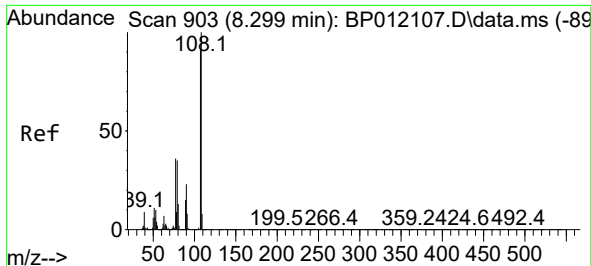
Tgt Ion: 93 Resp: 549598
 Ion Ratio Lower Upper
 93 100
 63 69.4 56.7 85.1
 95 32.1 26.2 39.2



#12
 2-Chlorophenol
 Concen: 30.008 ng/ul
 RT: 7.411 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BP012116.D
 Acq: 13 Oct 2022 12:25

Tgt Ion:128 Resp: 589098
 Ion Ratio Lower Upper
 128 100
 64 41.0 32.7 49.1
 130 32.9 26.3 39.5





#13

2-Methylphenol

Concen: 29.307 ng/ul

RT: 8.299 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

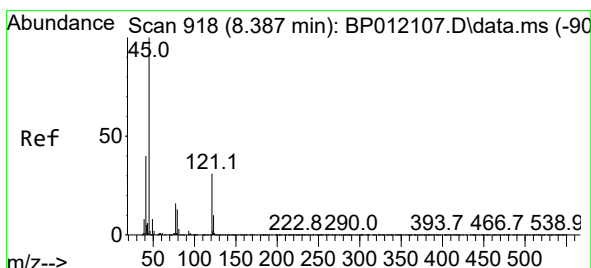
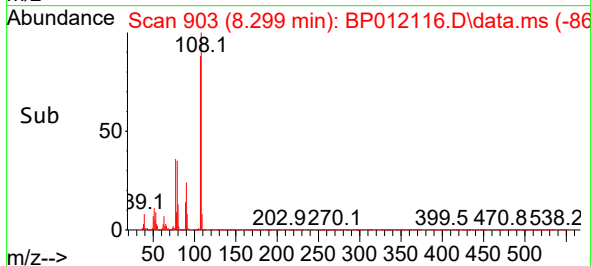
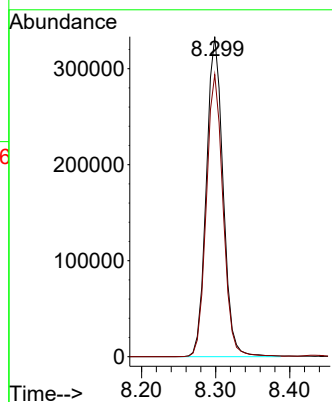
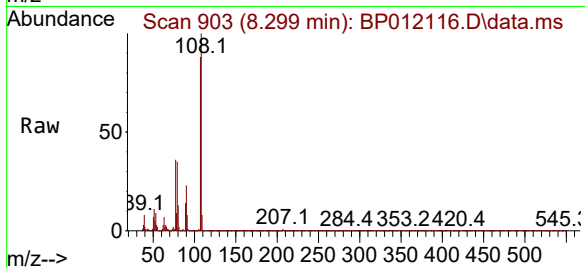
ClientSampleId :

Tgt Ion:108 Resp: 522936

Ion Ratio Lower Upper

108 100

107 88.1 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.565 ng/ul

RT: 8.387 min Scan# 918

Delta R.T. 0.006 min

Lab File: BP012116.D

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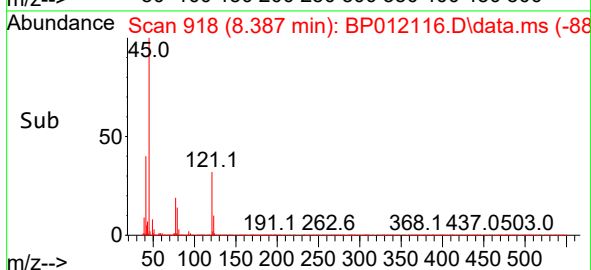
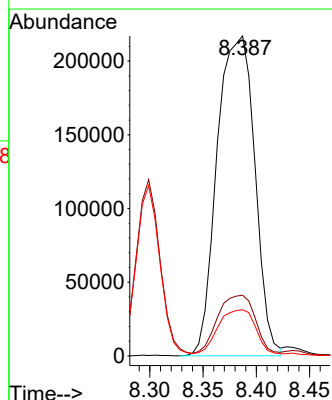
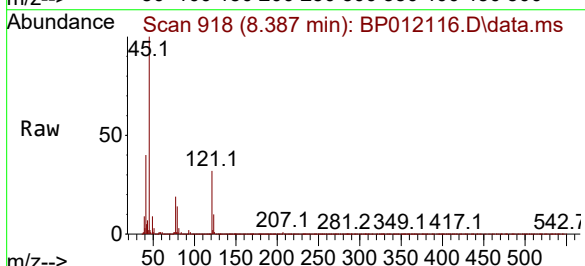
Tgt Ion: 45 Resp: 533302

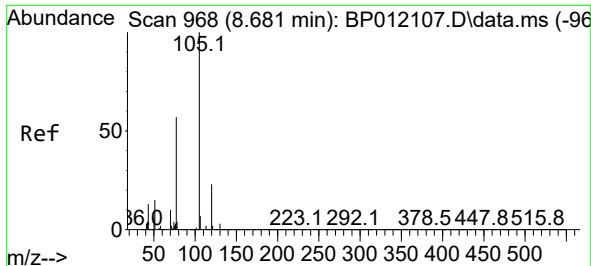
Ion Ratio Lower Upper

45 100

77 19.0 14.4 21.6

79 14.5 11.3 16.9

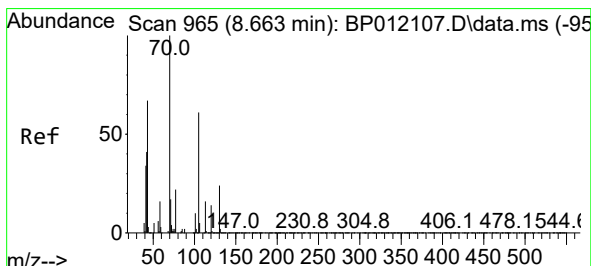
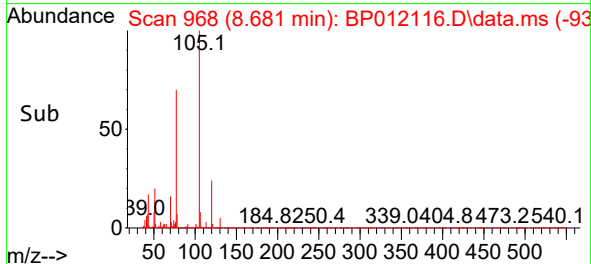
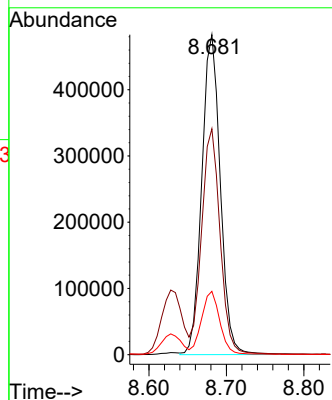
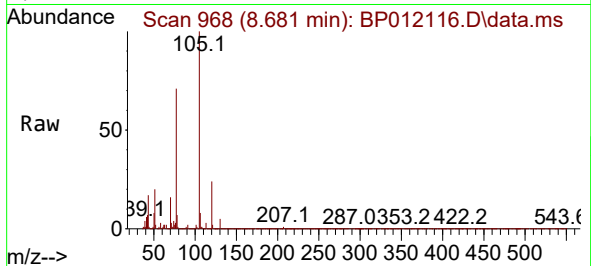




#16
Acetophenone
Concen: 29.627 ng/ul
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BP012116.D
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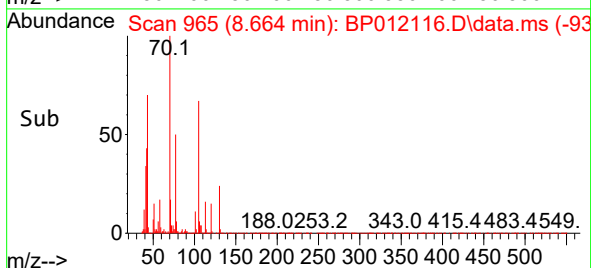
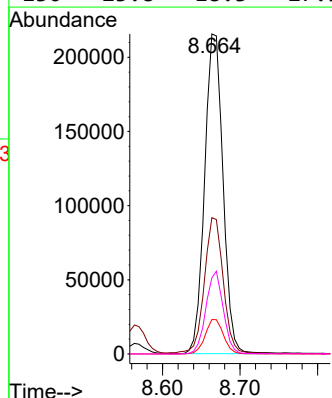
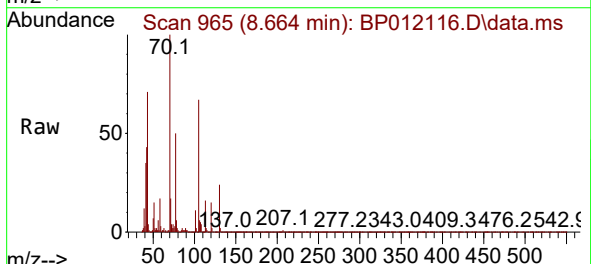
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ClientSampleId :

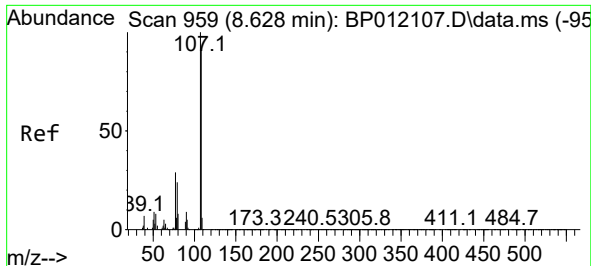
Tgt Ion:105 Resp: 799499
Ion Ratio Lower Upper
105 100
77 70.6 57.0 85.4
51 19.8 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 28.908 ng/ul
RT: 8.664 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion: 70 Resp: 355303
Ion Ratio Lower Upper
70 100
42 42.6 34.6 52.0
101 10.7 8.0 12.0
130 23.8 18.3 27.5

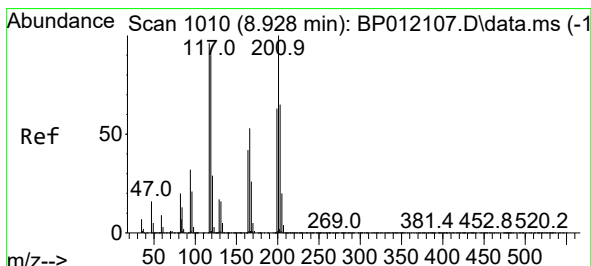
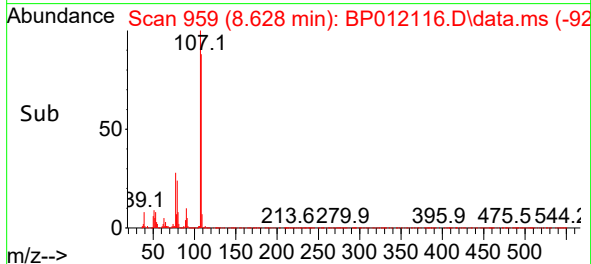
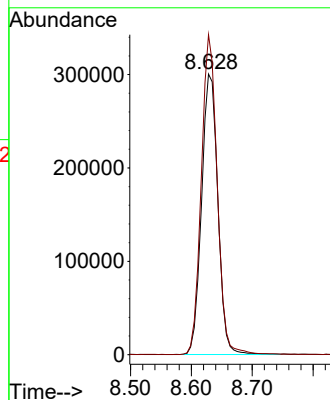
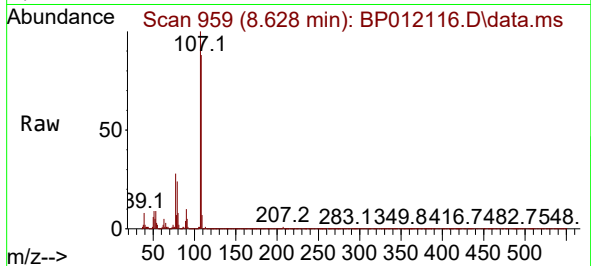




#18
4-Methylphenol
Concen: 29.082 ng/ul
RT: 8.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

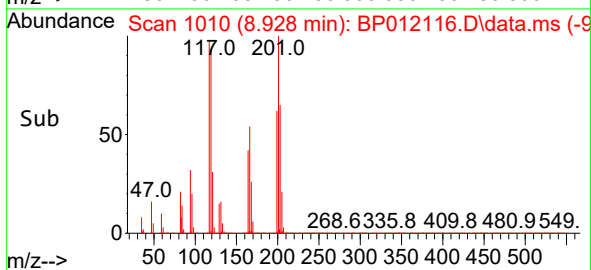
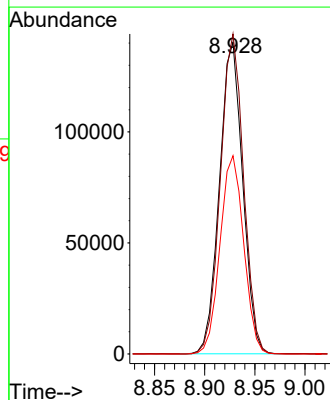
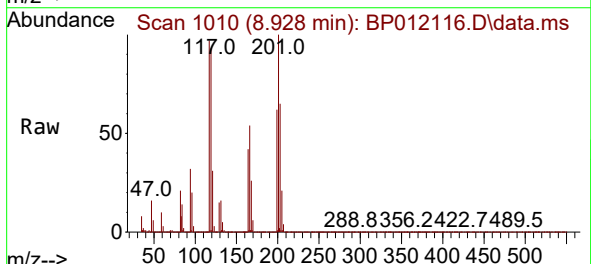
Instrument :
BNA_P
ClientSampleId :

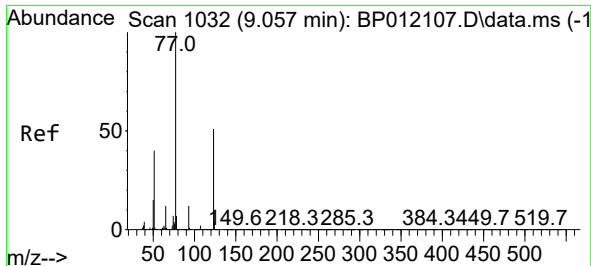
Tgt Ion:108 Resp: 559313
Ion Ratio Lower Upper
108 100
107 114.0 86.3 129.5



#19
Hexachloroethane
Concen: 29.815 ng/ul
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:117 Resp: 225939
Ion Ratio Lower Upper
117 100
201 102.6 82.3 123.5
199 63.6 50.0 75.0

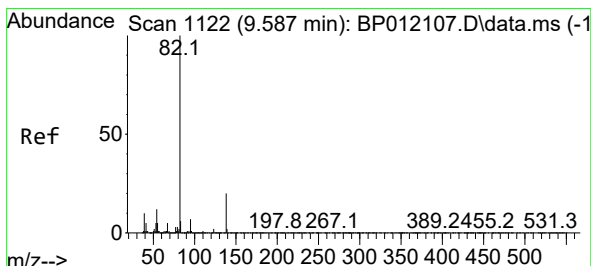
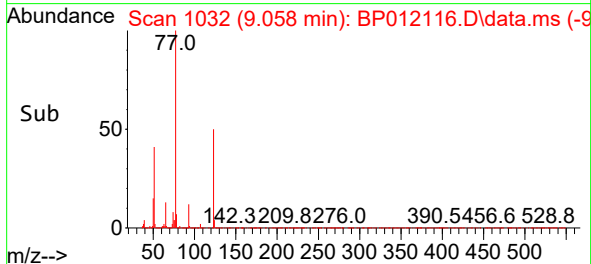
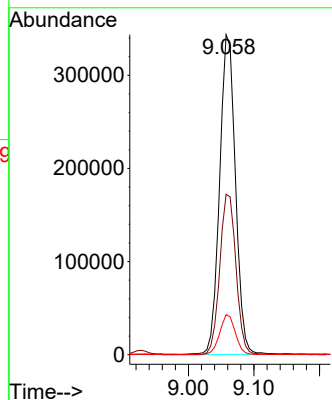
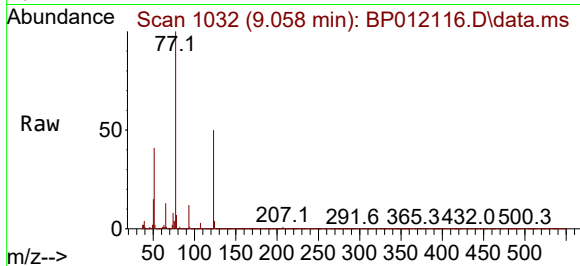




#22
Nitrobenzene
Concen: 30.769 ng/ul
RT: 9.058 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

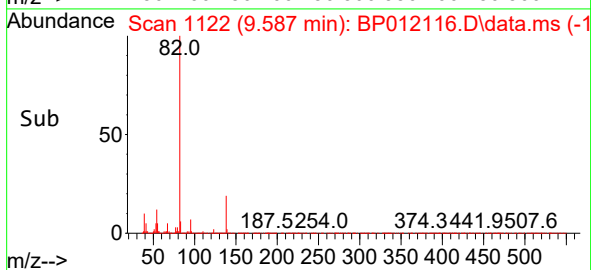
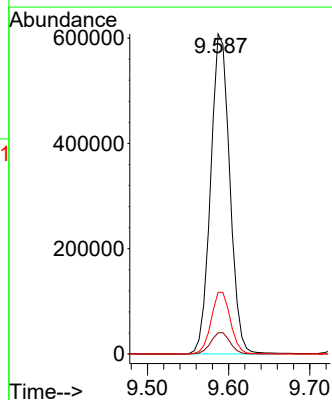
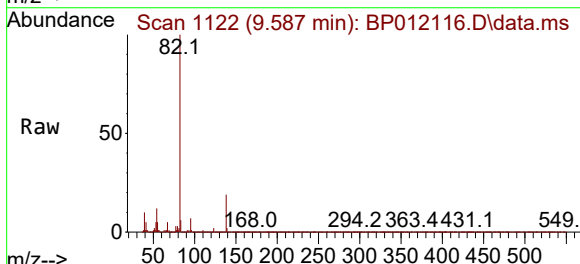
Instrument :
BNA_P
ClientSampleId :

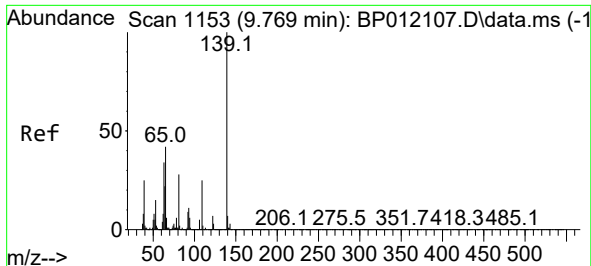
Tgt Ion: 77 Resp: 573581
Ion Ratio Lower Upper
77 100
123 50.1 39.4 59.0
65 12.5 9.9 14.9



#23
Isophorone
Concen: 30.100 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion: 82 Resp: 995268
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.3 15.2 22.8

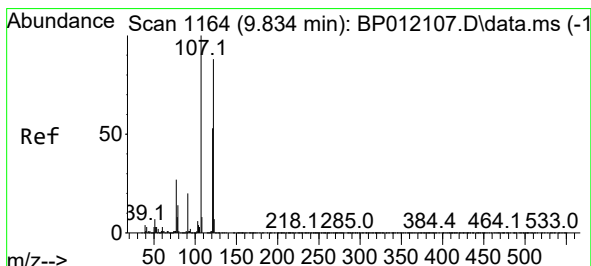
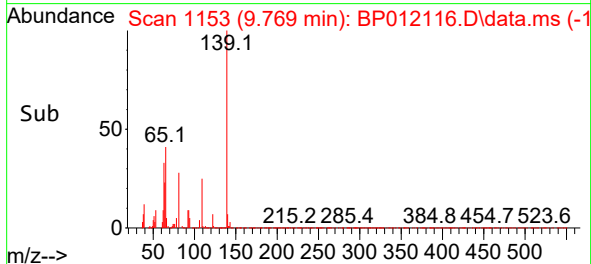
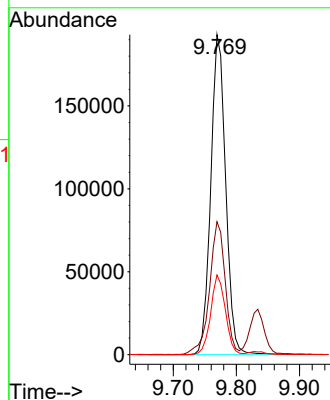
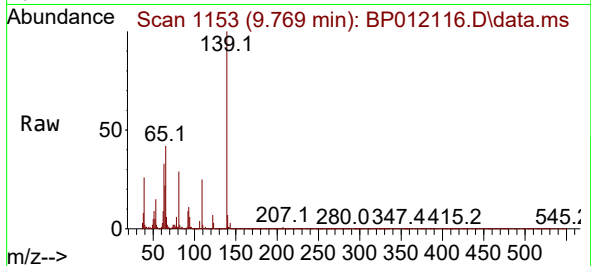




#25
2-Nitrophenol
Concen: 32.665 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

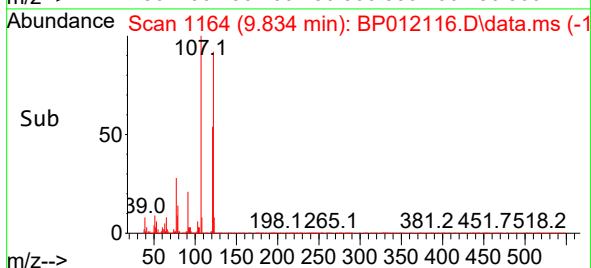
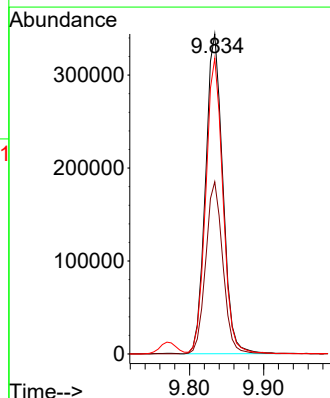
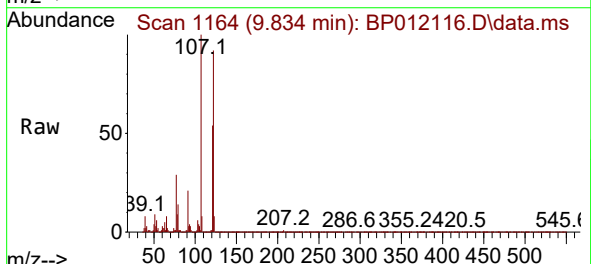
Instrument :
BNA_P
ClientSampleId :

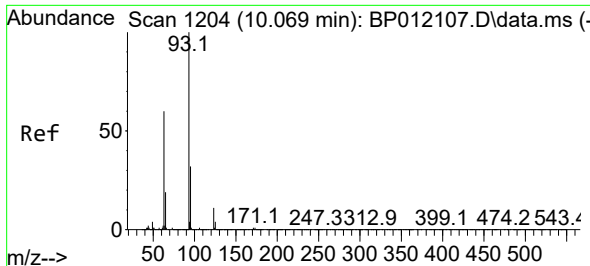
Tgt Ion:139 Resp: 316441
Ion Ratio Lower Upper
139 100
65 41.5 36.3 54.5
109 24.9 21.2 31.8



#26
2,4-Dimethylphenol
Concen: 29.505 ng/ul
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:107 Resp: 556671
Ion Ratio Lower Upper
107 100
121 53.8 43.0 64.4
122 92.4 71.4 107.2

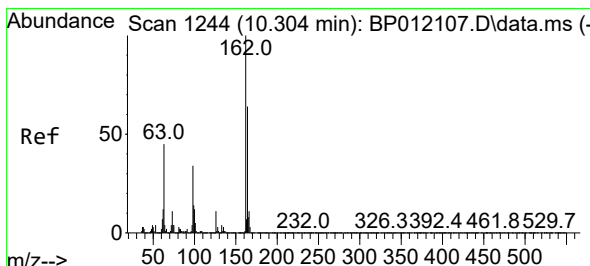
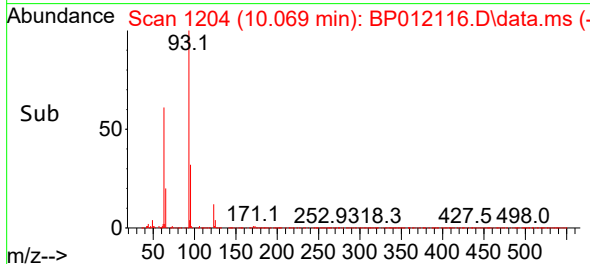
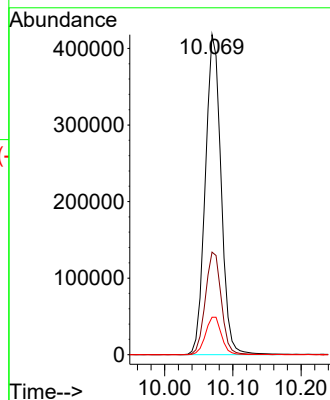
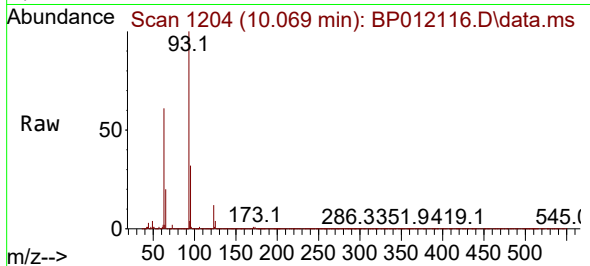




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.622 ng/ul
 RT: 10.069 min Scan# 1204
 Delta R.T. -0.006 min
 Lab File: BP012116.D
 Acq: 13 Oct 2022 12:25

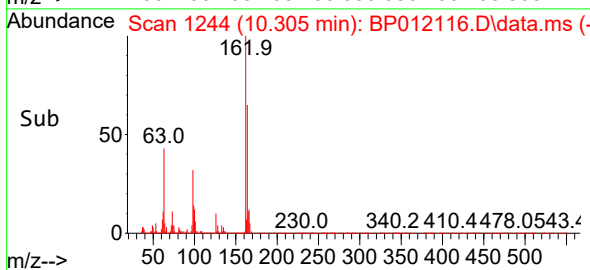
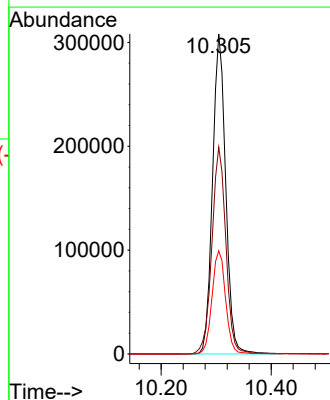
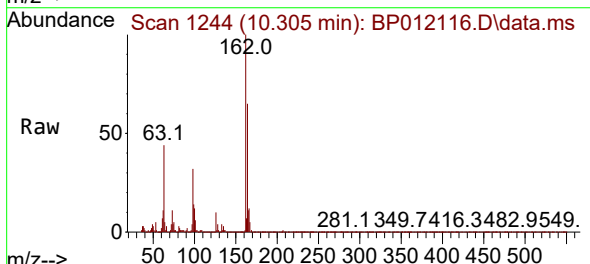
Instrument :
 BNA_P
 ClientSampleId :

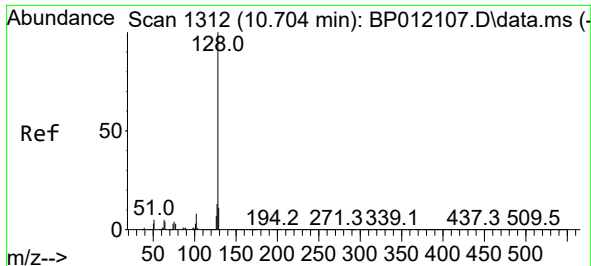
Tgt Ion: 93 Resp: 672142
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.7 38.5
 123 11.7 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 30.442 ng/ul
 RT: 10.305 min Scan# 1244
 Delta R.T. -0.006 min
 Lab File: BP012116.D
 Acq: 13 Oct 2022 12:25

Tgt Ion:162 Resp: 511235
 Ion Ratio Lower Upper
 162 100
 164 64.6 51.5 77.3
 98 32.3 26.3 39.5

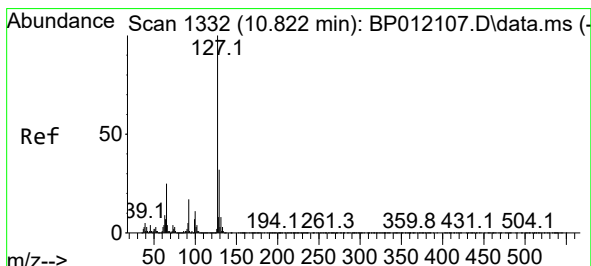
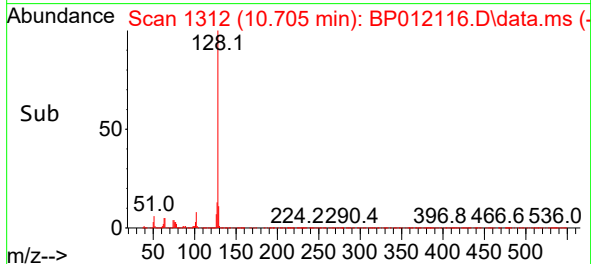
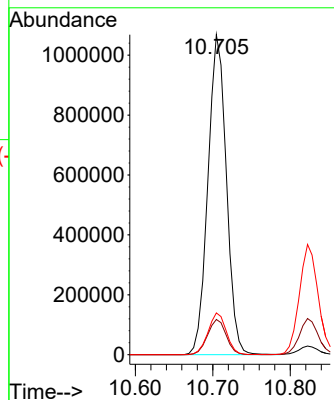
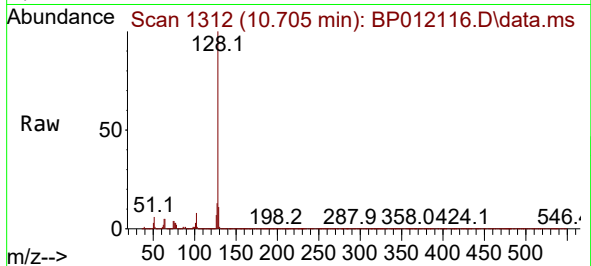




#30
Naphthalene
Concen: 29.072 ng/ul
RT: 10.705 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

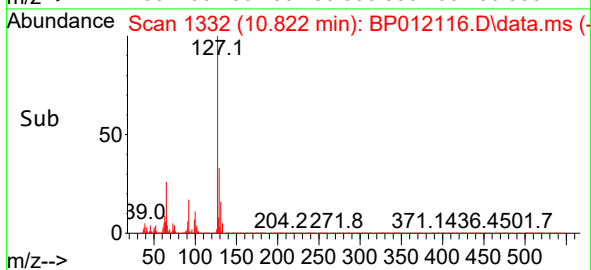
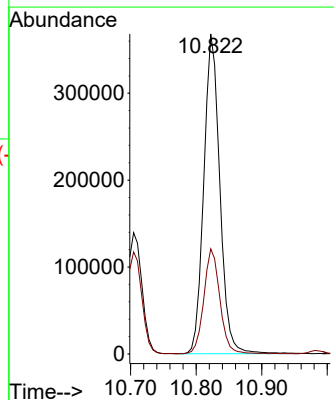
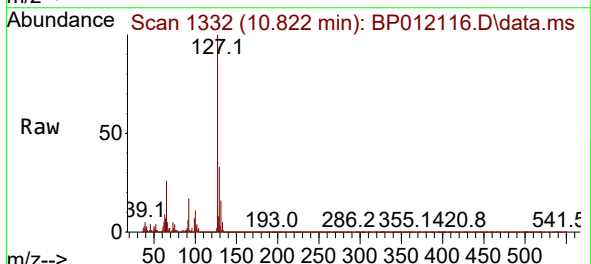
Instrument :
BNA_P
ClientSampleId :

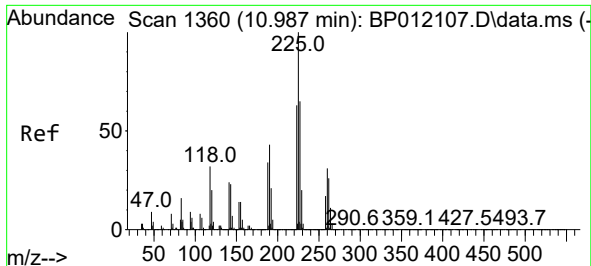
Tgt Ion:128 Resp: 1768904
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.2 15.4



#32
4-Chloroaniline
Concen: 25.866 ng/ul
RT: 10.822 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:127 Resp: 627999
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4

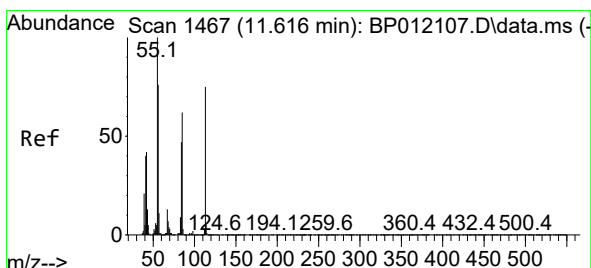
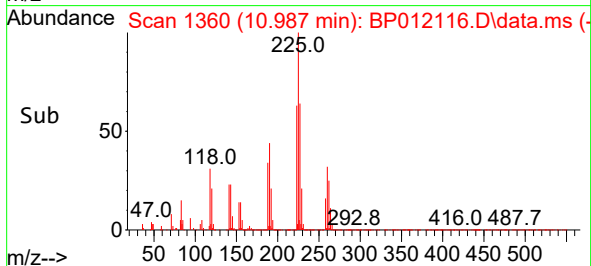
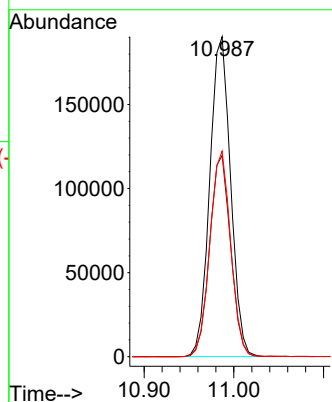
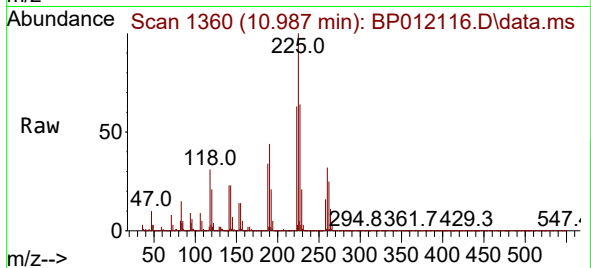




#33
Hexachlorobutadiene
Concen: 29.448 ng/ul
RT: 10.987 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

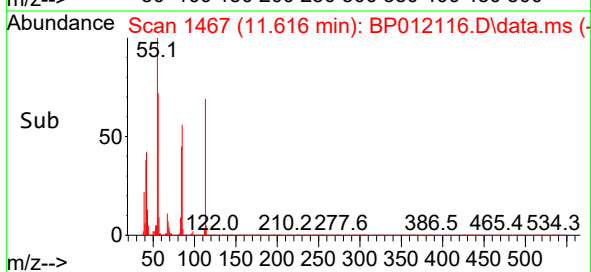
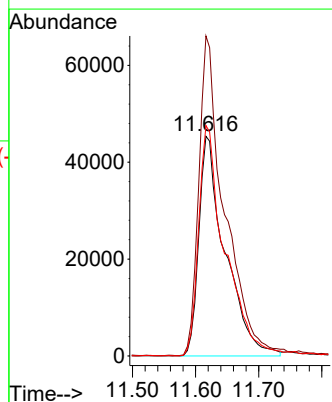
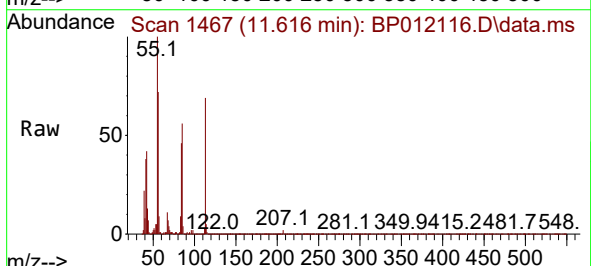
Instrument :
BNA_P
ClientSampleId :

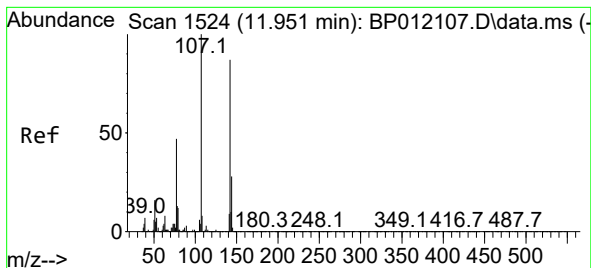
Tgt Ion:225 Resp: 306670
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 64.2 51.1 76.7



#34
Caprolactam
Concen: 28.311 ng/ul
RT: 11.616 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:113 Resp: 130650
Ion Ratio Lower Upper
113 100
55 145.6 115.2 172.8
56 104.9 85.6 128.4

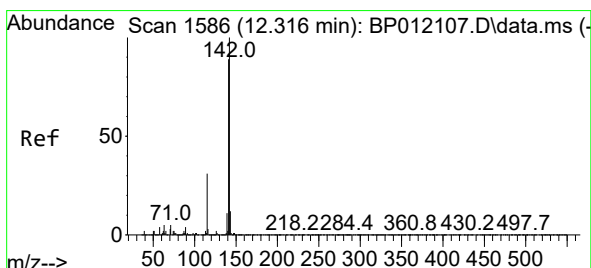
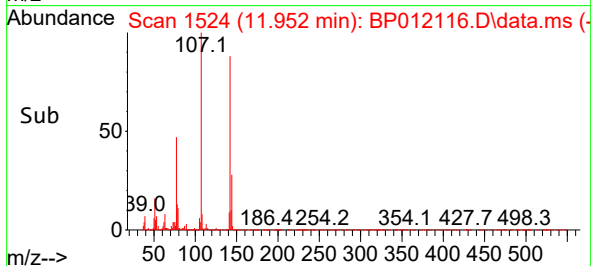
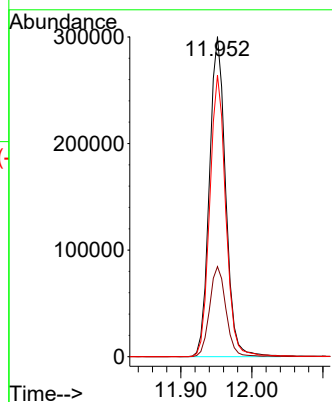
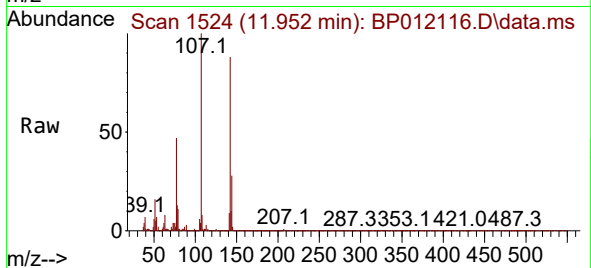




#35
4-Chloro-3-methylphenol
Concen: 29.982 ng/ul
RT: 11.952 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

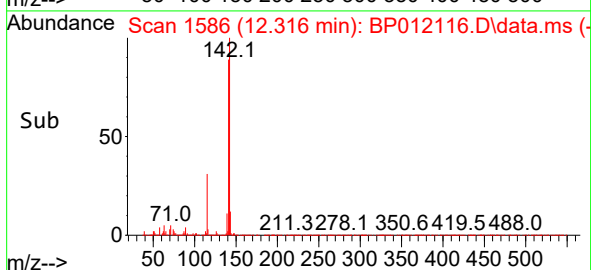
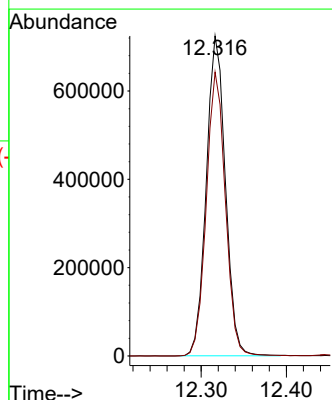
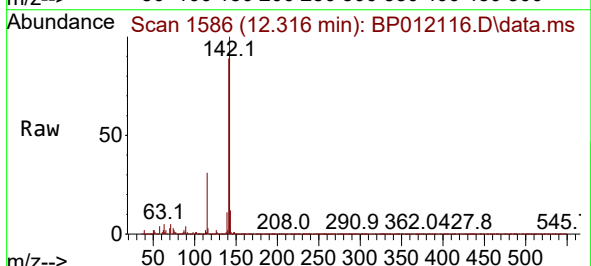
Instrument :
BNA_P
ClientSampleId :

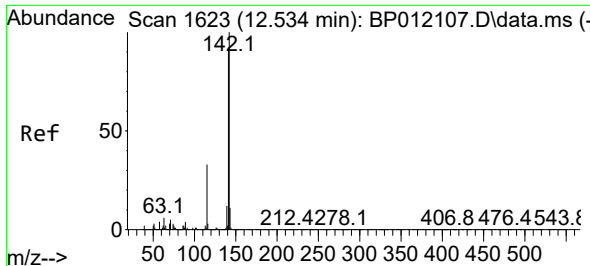
Tgt Ion:107 Resp: 477017
Ion Ratio Lower Upper
107 100
144 28.2 23.0 34.4
142 88.0 69.8 104.8



#36
2-Methylnaphthalene
Concen: 28.813 ng/ul
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

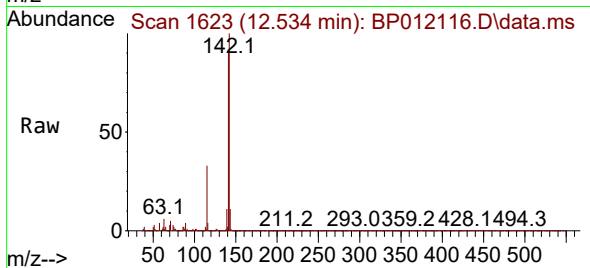
Tgt Ion:142 Resp: 1128884
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



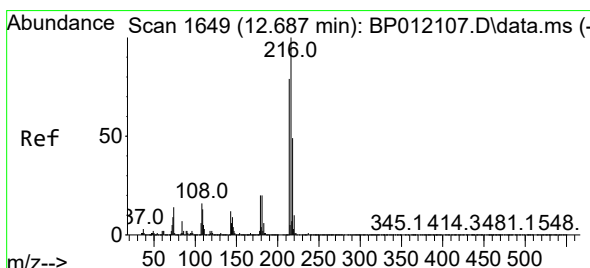
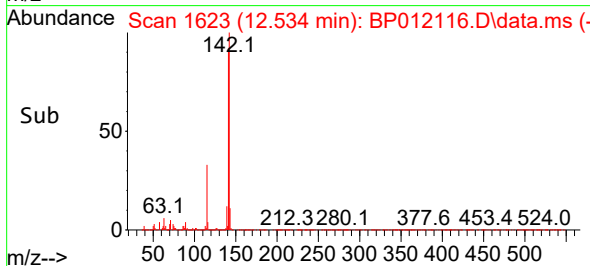
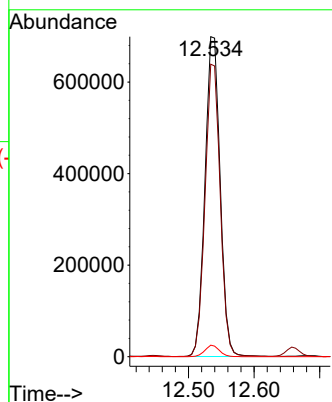


#37
1-Methylnaphthalene
Concen: 28.700 ng/ul
RT: 12.534 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Instrument :
BNA_P
ClientSampleId :

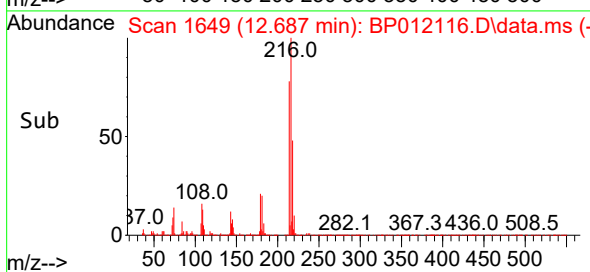
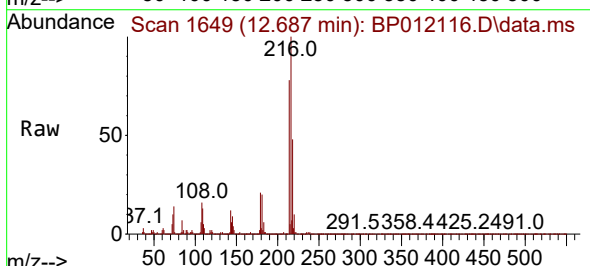
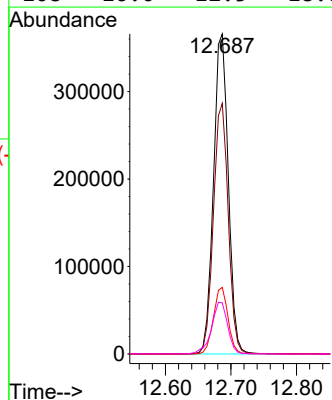


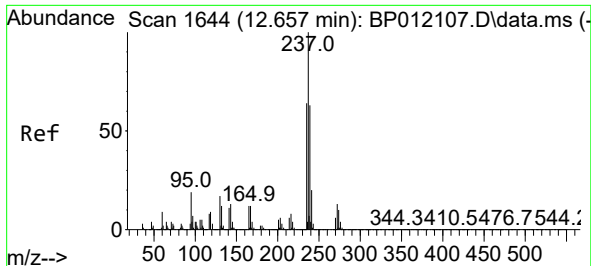
Tgt Ion:142 Resp: 1126079
Ion Ratio Lower Upper
142 100
141 91.4 72.9 109.3
116 3.6 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.168 ng/ul
RT: 12.687 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:216 Resp: 572647
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 20.8 16.3 24.5
108 16.0 12.5 18.7

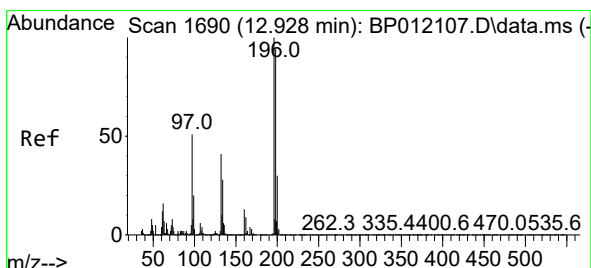
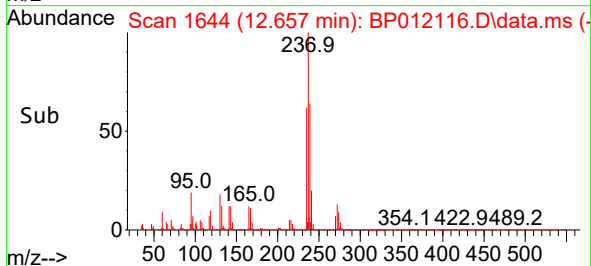
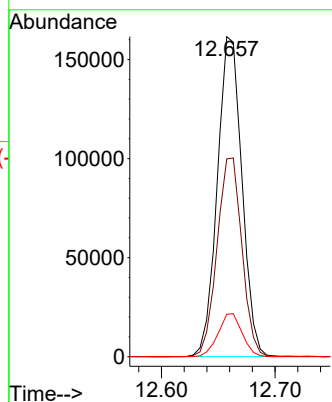
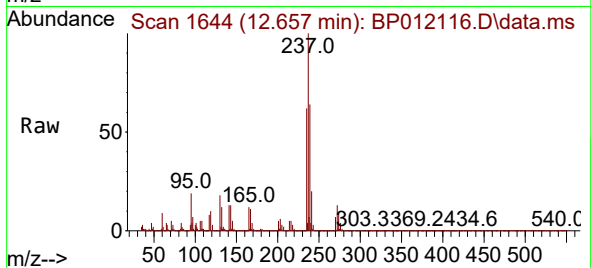




#40
Hexachlorocyclopentadiene
Concen: 26.371 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

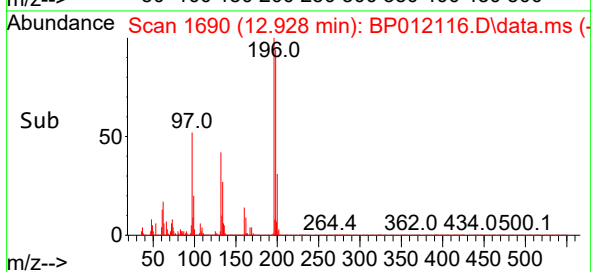
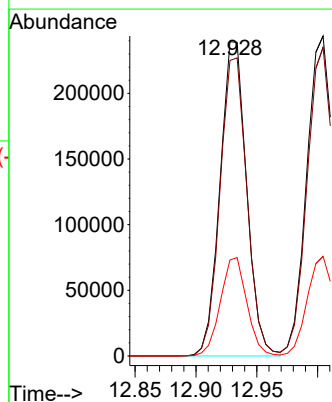
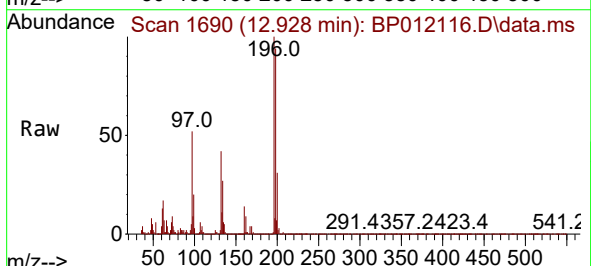
Instrument :
BNA_P
ClientSampleId :

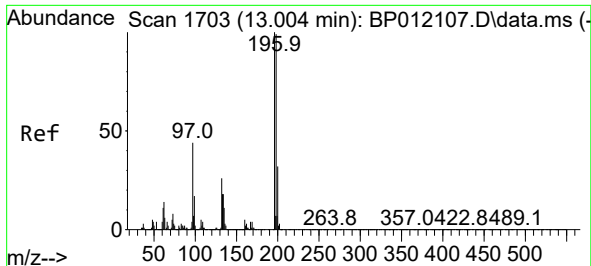
Tgt Ion:237 Resp: 243138
Ion Ratio Lower Upper
237 100
235 61.8 49.8 74.8
272 13.3 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 31.895 ng/ul
RT: 12.928 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

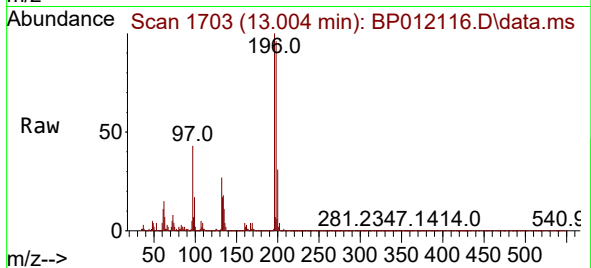
Tgt Ion:196 Resp: 364696
Ion Ratio Lower Upper
196 100
198 94.1 76.2 114.2
200 30.6 24.2 36.2



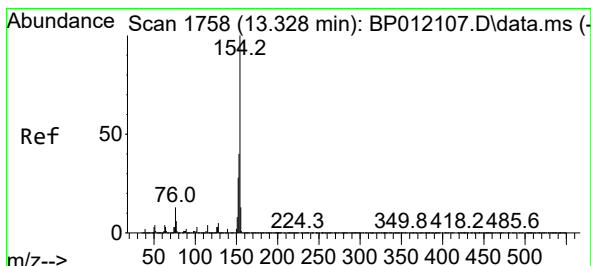
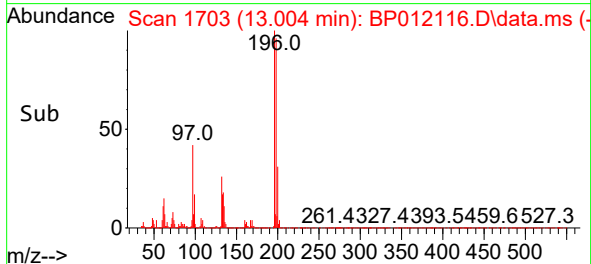
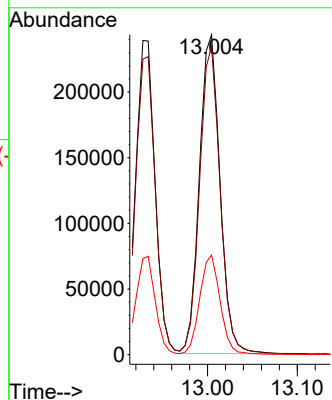


#42
2,4,5-Trichlorophenol
Concen: 31.248 ng/ul
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Instrument :
BNA_P
ClientSampleId :

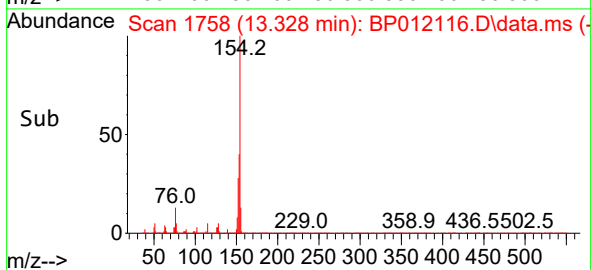
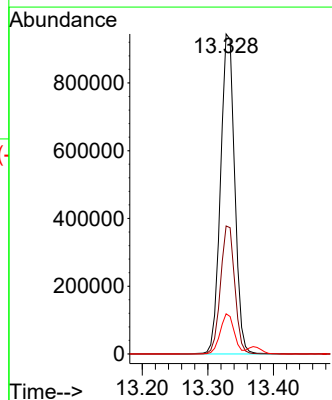
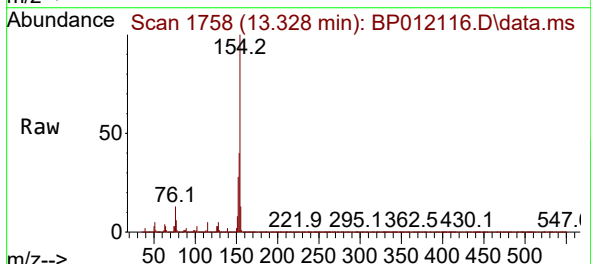


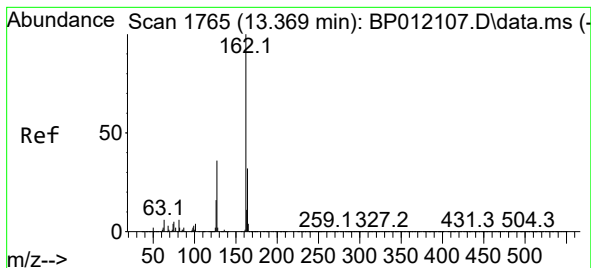
Tgt Ion:196 Resp: 388310
Ion Ratio Lower Upper
196 100
198 96.5 75.4 113.2
200 31.1 24.8 37.2



#43
1,1'-Biphenyl
Concen: 30.108 ng/ul
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:154 Resp: 1411453
Ion Ratio Lower Upper
154 100
153 40.0 32.2 48.2
76 12.5 10.3 15.5

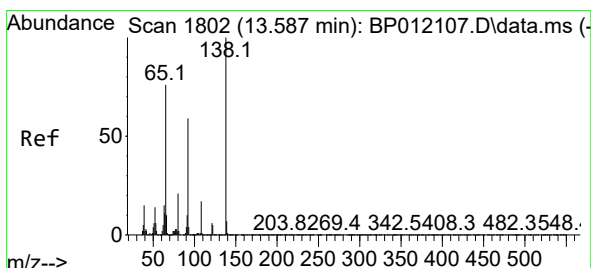
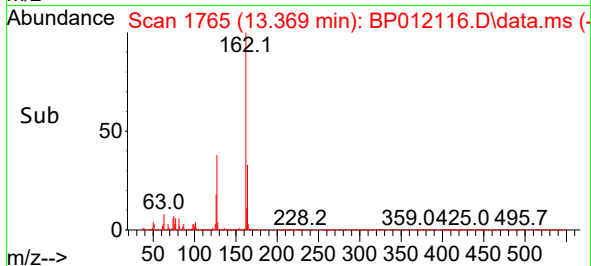
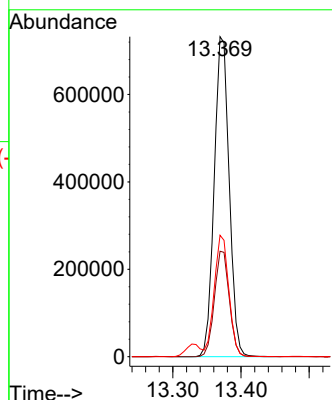
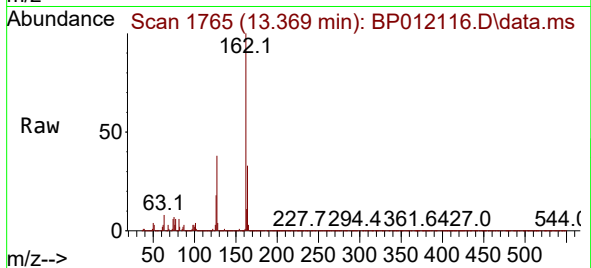




#44
2-Chloronaphthalene
Concen: 29.933 ng/ul
RT: 13.369 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

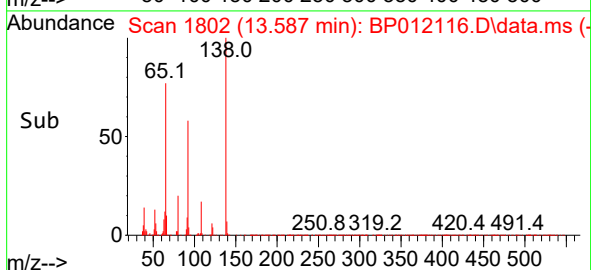
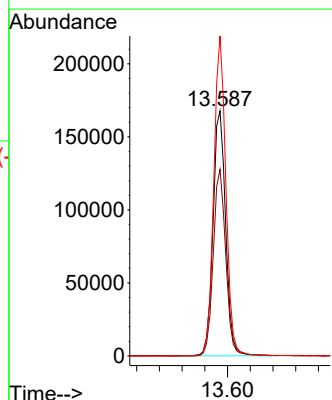
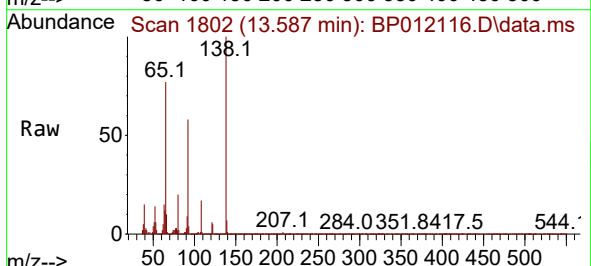
Instrument :
BNA_P
ClientSampleId :

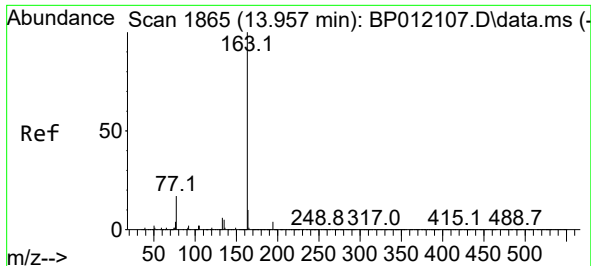
Tgt Ion:162 Resp: 1120546
Ion Ratio Lower Upper
162 100
164 32.9 26.0 39.0
127 37.9 29.4 44.2



#45
2-Nitroaniline
Concen: 32.422 ng/ul
RT: 13.587 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion: 65 Resp: 258911
Ion Ratio Lower Upper
65 100
92 76.2 61.6 92.4
138 130.6 96.5 144.7

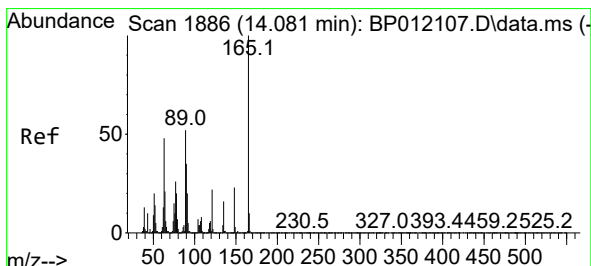
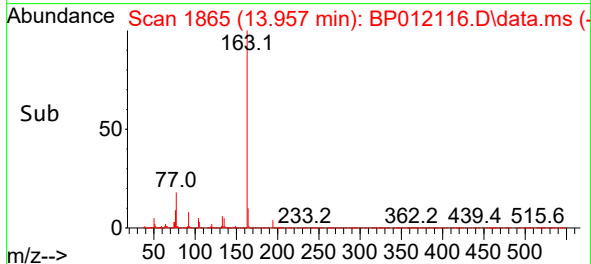
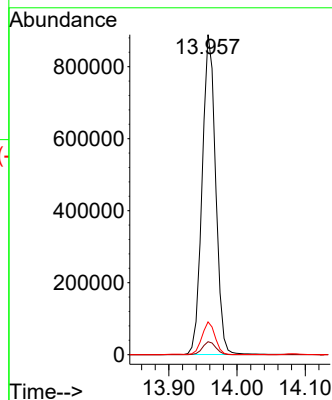
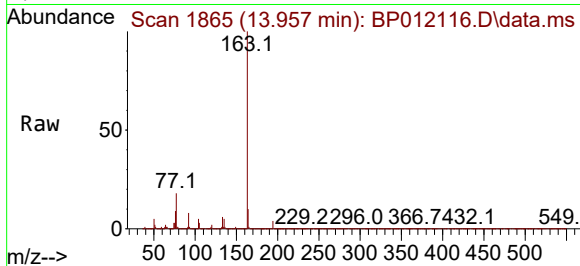




#47
Dimethylphthalate
Concen: 29.434 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

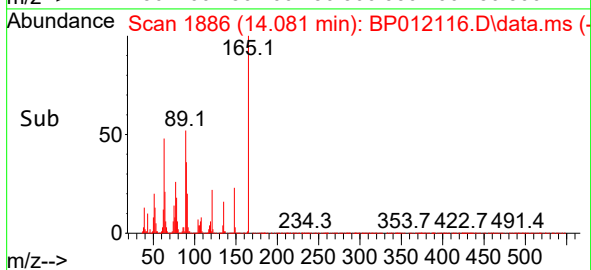
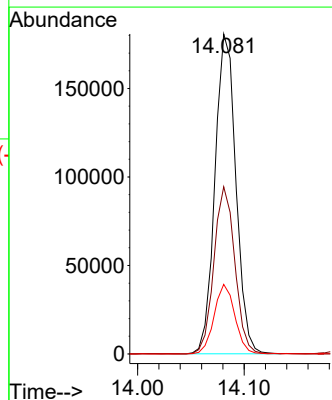
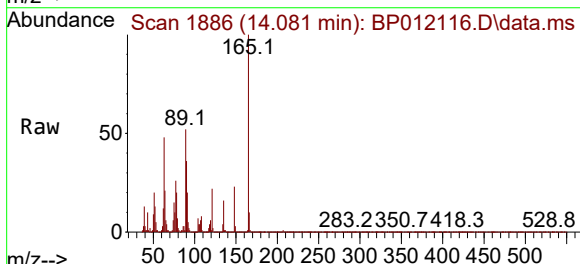
Instrument :
BNA_P
ClientSampleId :

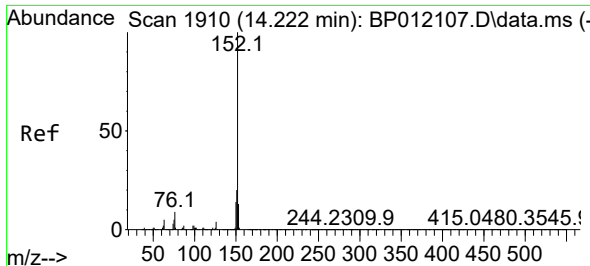
Tgt Ion:163 Resp: 1219569
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.607 ng/ul
RT: 14.081 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

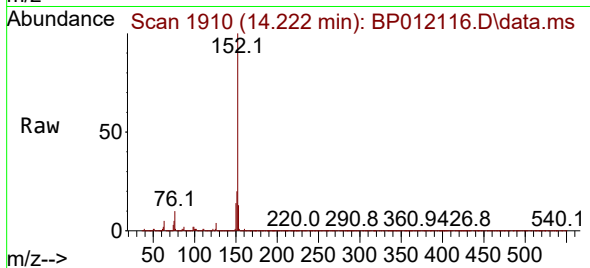
Tgt Ion:165 Resp: 246536
Ion Ratio Lower Upper
165 100
89 52.2 43.4 65.0
121 21.8 18.1 27.1



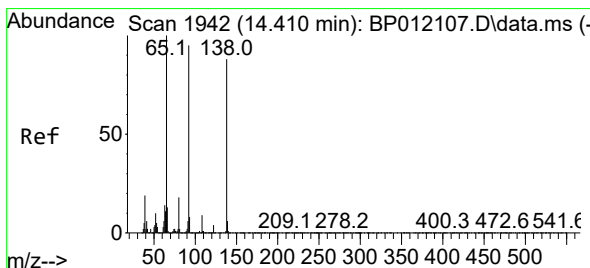
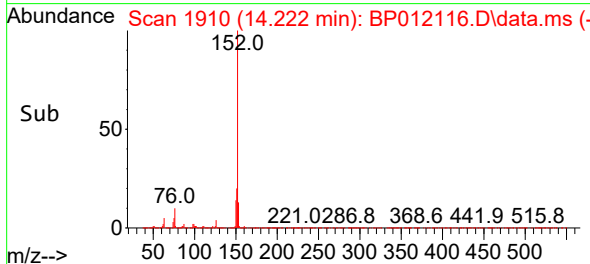
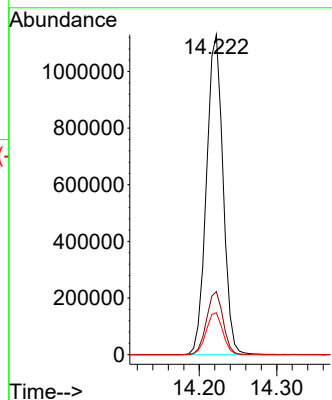


#50
Acenaphthylene
Concen: 30.452 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Instrument :
BNA_P
ClientSampleId :

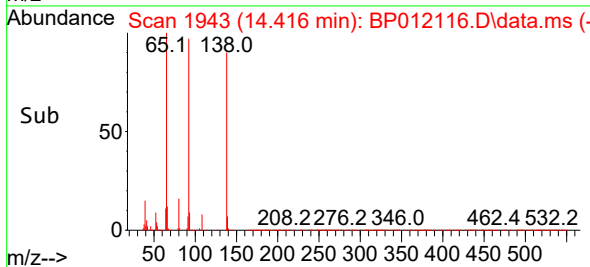
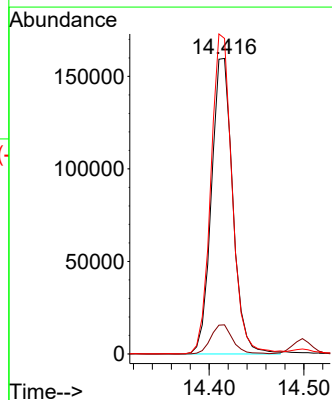
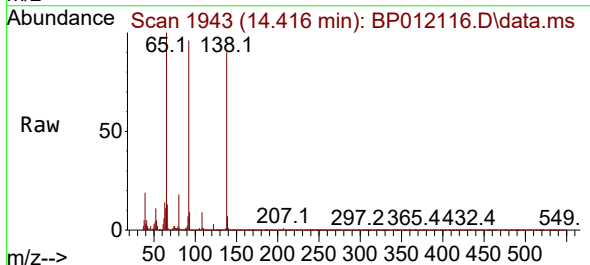


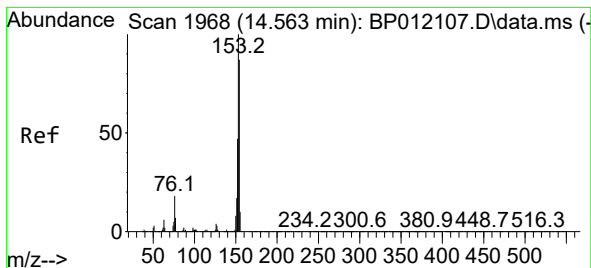
Tgt Ion:152 Resp: 1675628
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.4 15.6



#51
3-Nitroaniline
Concen: 29.320 ng/ul
RT: 14.416 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:138 Resp: 250451
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 106.8 85.8 128.8





#52

Acenaphthene

Concen: 29.124 ng/ul

RT: 14.563 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

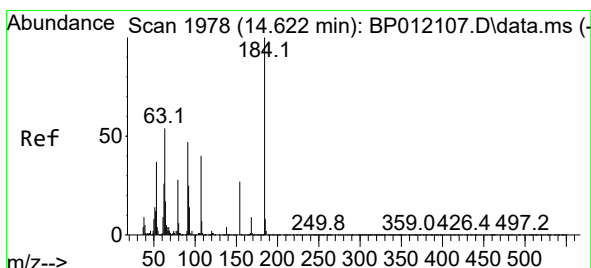
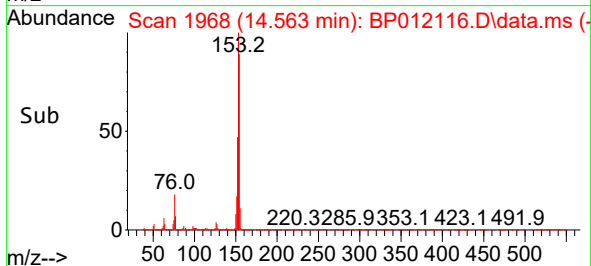
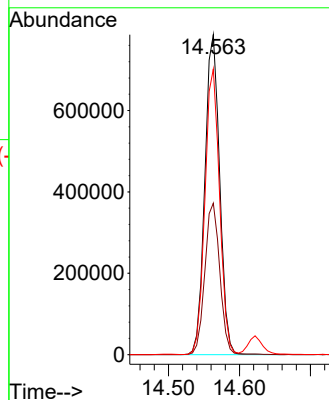
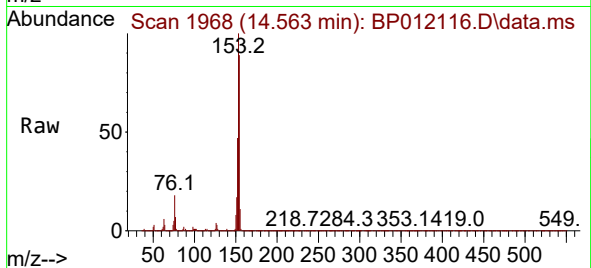
Tgt Ion:153 Resp: 1140867

Ion Ratio Lower Upper

153 100

152 47.4 38.2 57.2

154 89.2 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 24.457 ng/ul

RT: 14.622 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

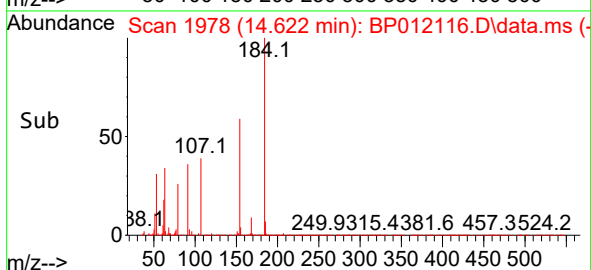
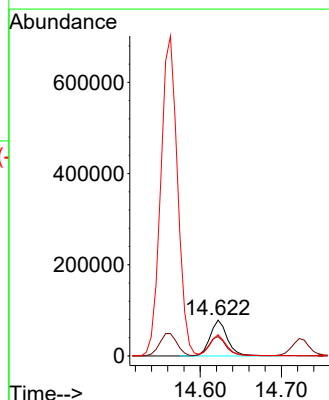
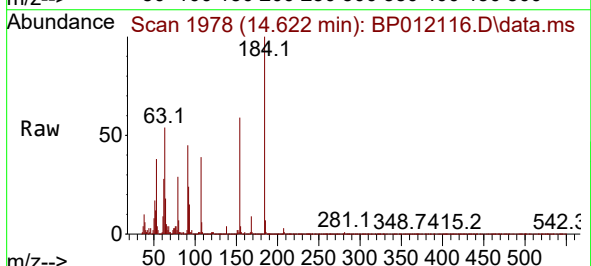
Tgt Ion:184 Resp: 115906

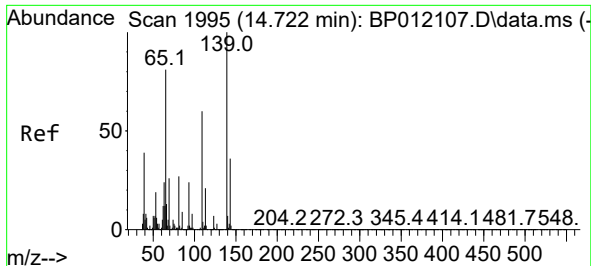
Ion Ratio Lower Upper

184 100

63 54.2 45.5 68.3

154 59.4 47.0 70.6

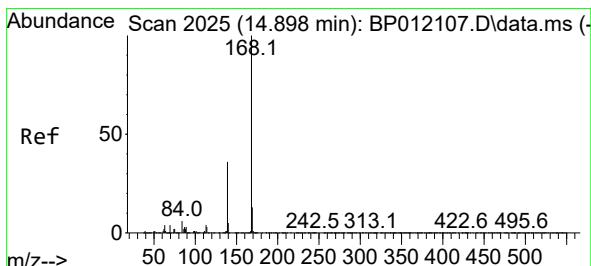
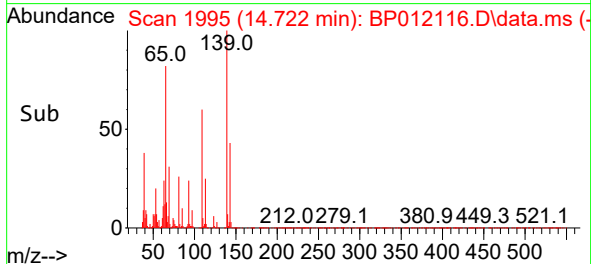
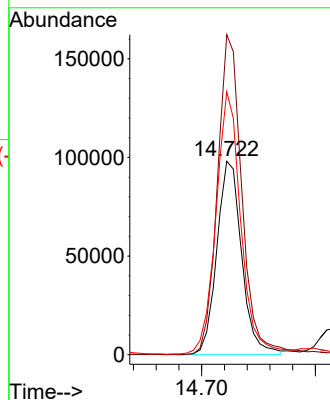
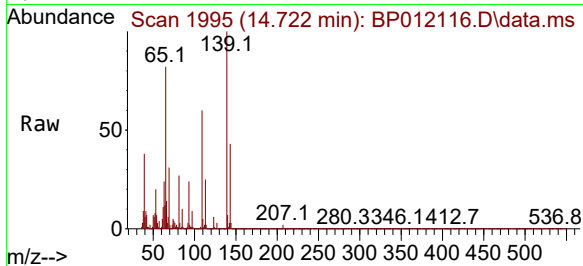




#55
4-Nitrophenol
Concen: 27.889 ng/ul
RT: 14.722 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

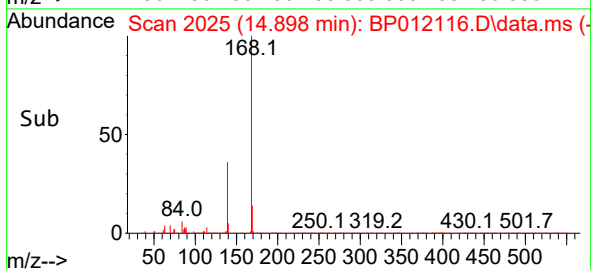
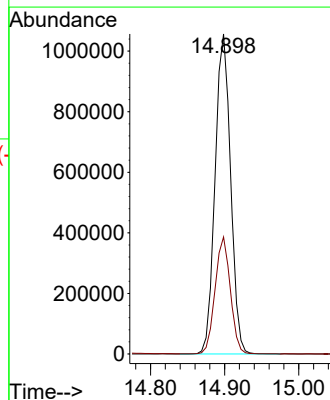
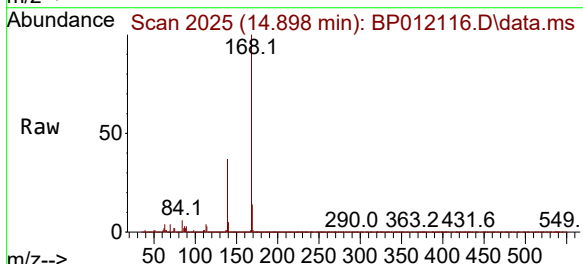
Instrument :
BNA_P
ClientSampleId :

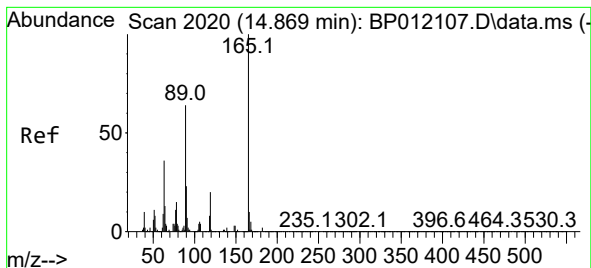
Tgt Ion:109 Resp: 148863
Ion Ratio Lower Upper
109 100
139 165.5 124.1 186.1
65 136.0 104.2 156.4



#56
Dibenzofuran
Concen: 29.010 ng/ul
RT: 14.898 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:168 Resp: 1535839
Ion Ratio Lower Upper
168 100
139 36.5 28.2 42.4

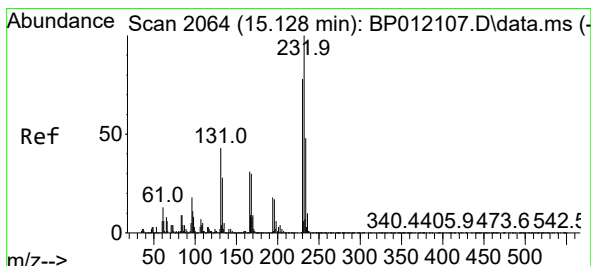
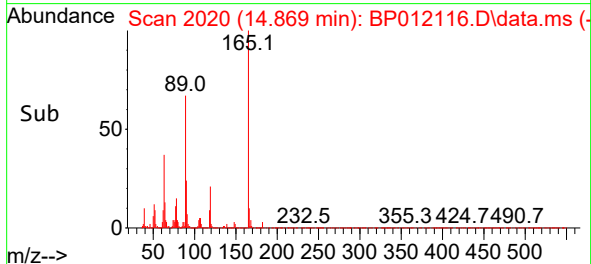
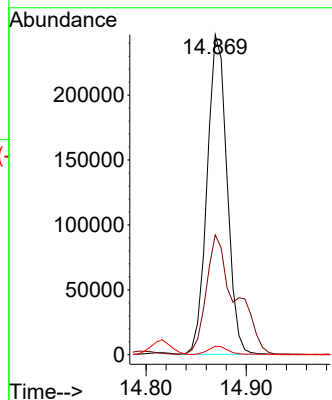
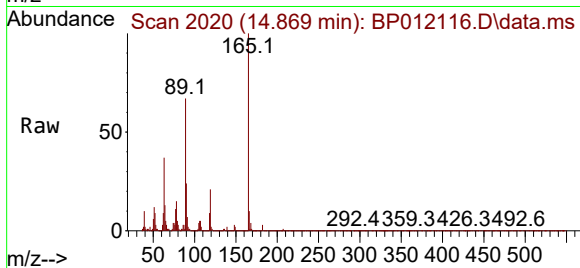




#57
2,4-Dinitrotoluene
Concen: 32.277 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

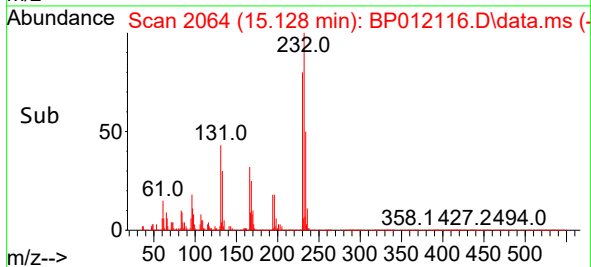
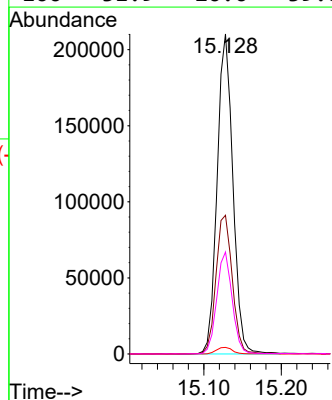
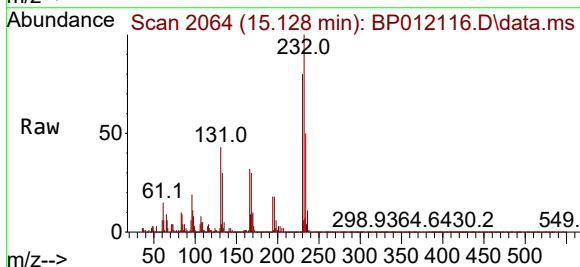
Instrument :
BNA_P
ClientSampleId :

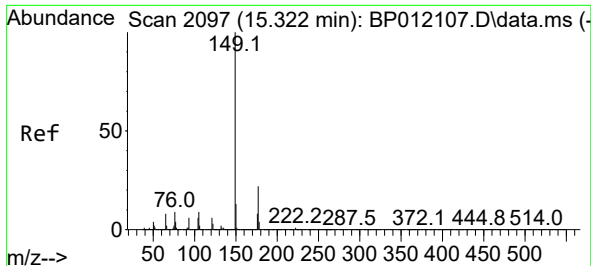
Tgt Ion:165 Resp: 340293
Ion Ratio Lower Upper
165 100
63 37.4 31.1 46.7
182 2.6 1.8 2.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.599 ng/ul
RT: 15.128 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:232 Resp: 296382
Ion Ratio Lower Upper
232 100
131 43.4 37.8 56.6
130 2.0 1.8 2.6
166 31.9 26.6 39.8

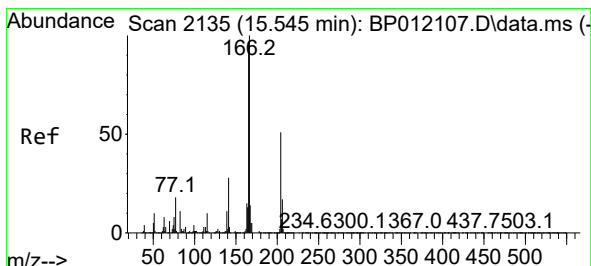
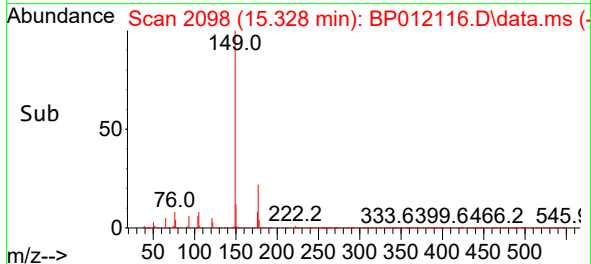
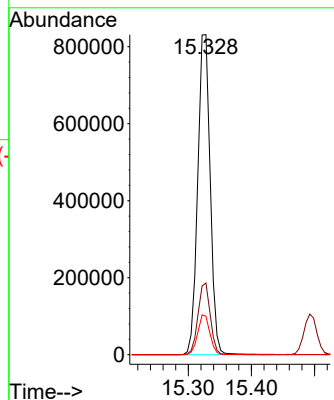
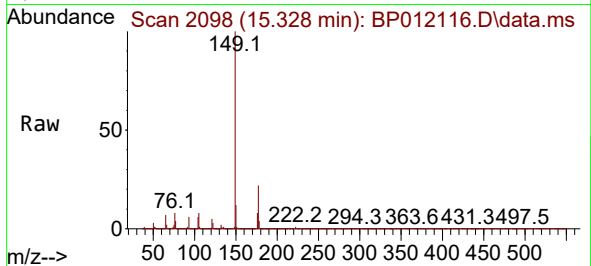




#59
Diethylphthalate
Concen: 30.015 ng/ul
RT: 15.328 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

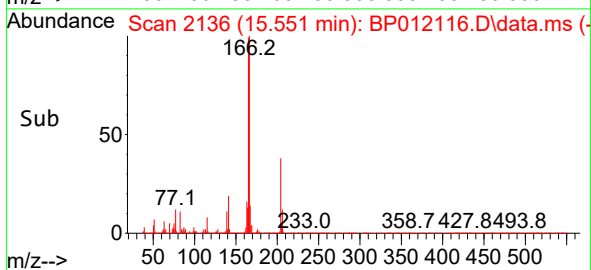
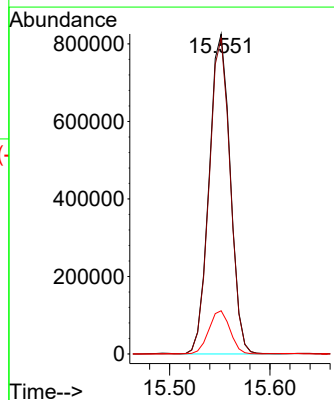
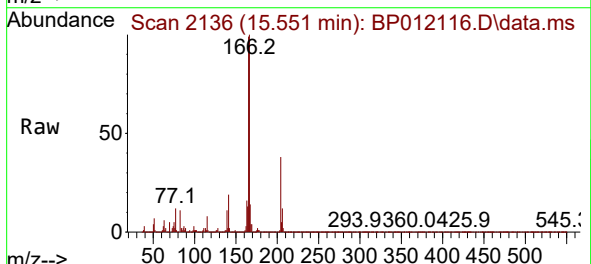
Instrument :
BNA_P
ClientSampleId :

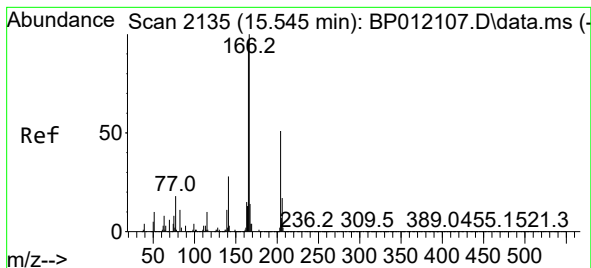
Tgt Ion:149 Resp: 1138968
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.0 9.8 14.8



#61
Fluorene
Concen: 29.190 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:166 Resp: 1213054
Ion Ratio Lower Upper
166 100
165 98.7 79.5 119.3
167 13.5 10.9 16.3

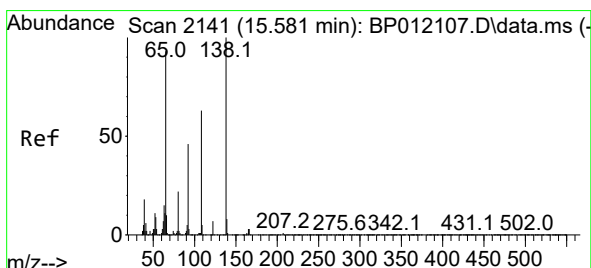
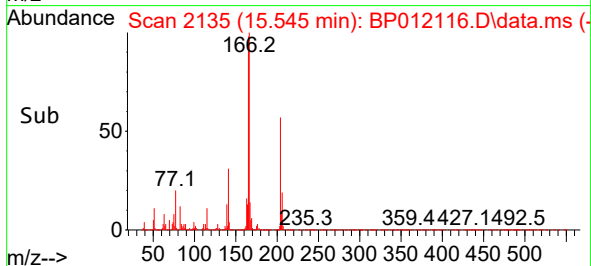
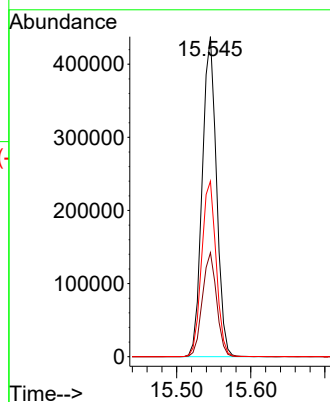
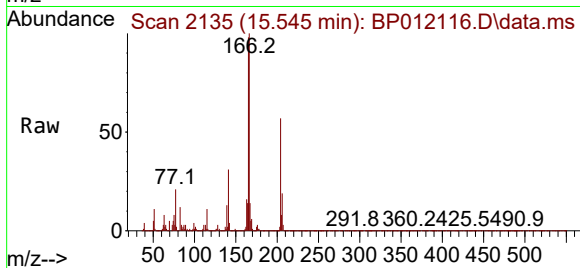




#62
4-Chlorophenyl-phenylether
Concen: 29.066 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

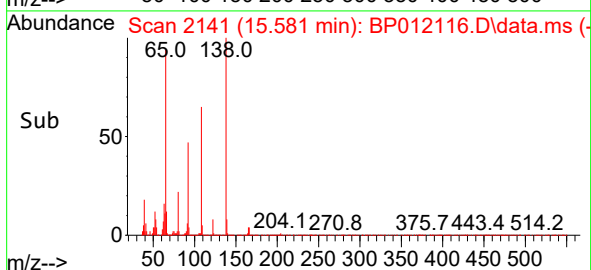
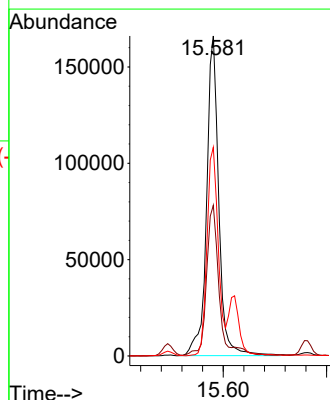
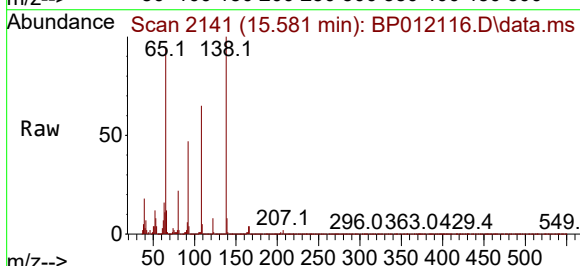
Instrument :
BNA_P
ClientSampleId :

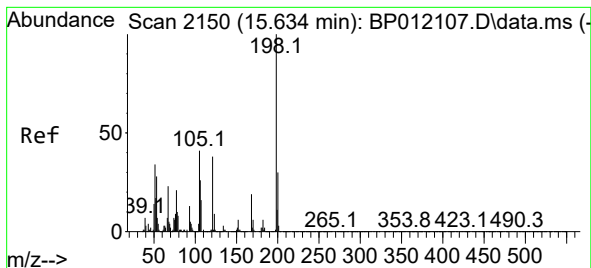
Tgt Ion:204 Resp: 584332
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.2
141 54.9 46.2 69.2



#63
4-Nitroaniline
Concen: 34.786 ng/ul
RT: 15.581 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:138 Resp: 271317
Ion Ratio Lower Upper
138 100
92 47.1 39.2 58.8
108 65.2 55.4 83.0

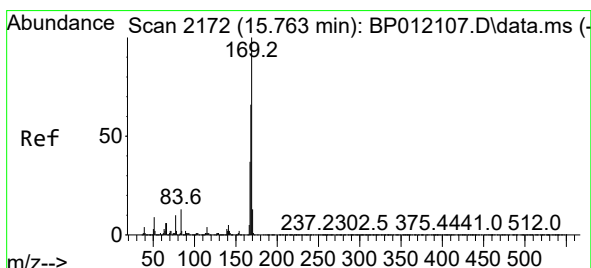
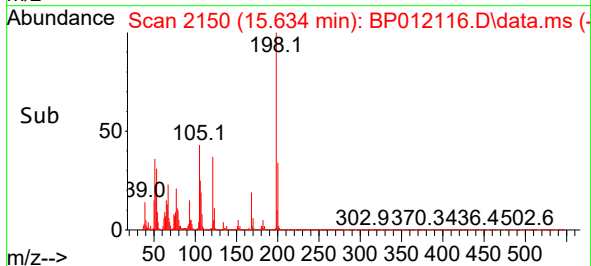
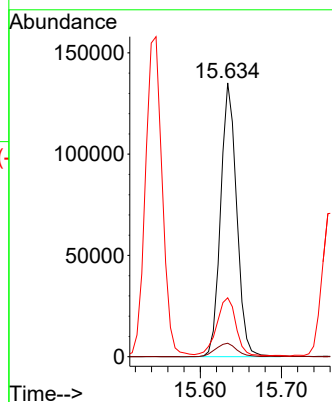
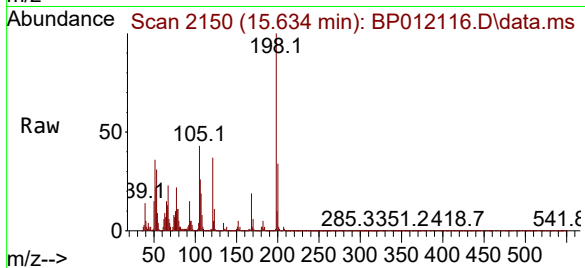




#66
4,6-Dinitro-2-methylphenol
Concen: 29.496 ng/ul
RT: 15.634 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

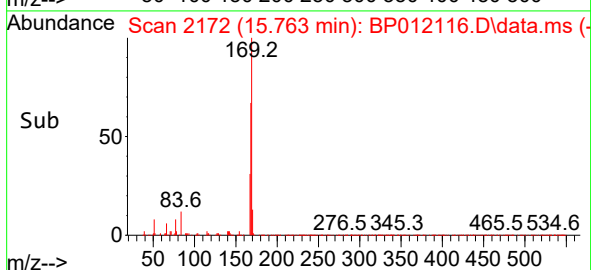
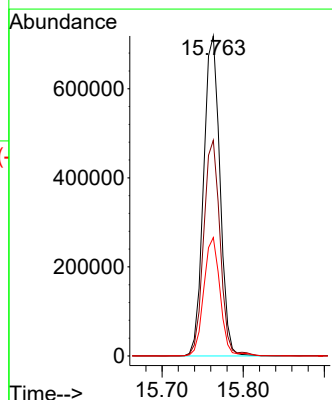
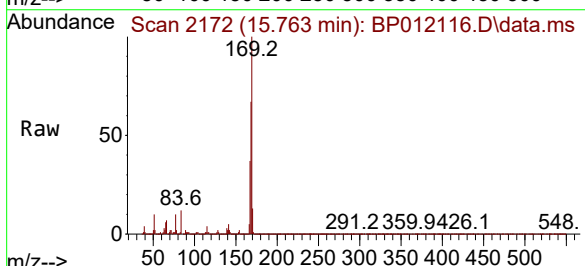
Instrument :
BNA_P
ClientSampleId :

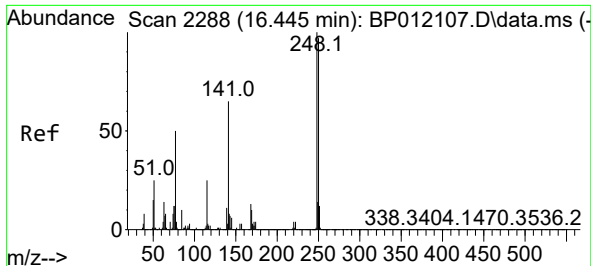
Tgt Ion:198 Resp: 185628
Ion Ratio Lower Upper
198 100
182 4.9 4.9 7.3
77 21.5 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 30.694 ng/ul
RT: 15.763 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:169 Resp: 1001617
Ion Ratio Lower Upper
169 100
168 67.4 53.5 80.3
167 37.0 29.5 44.3

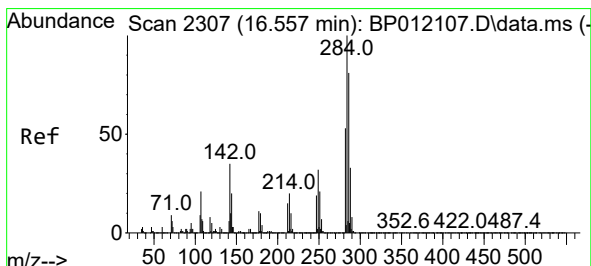
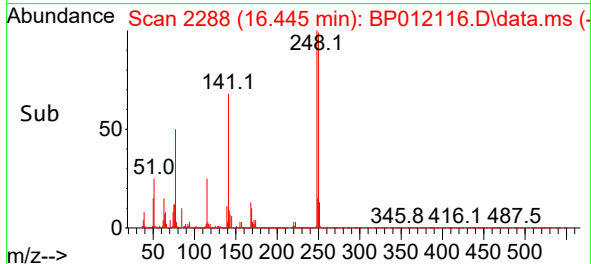
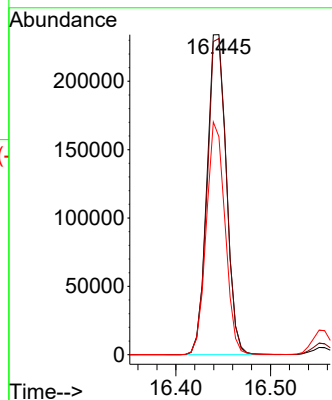
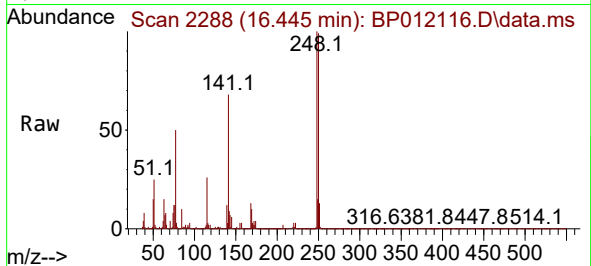




#68
4-Bromophenyl-phenylether
Concen: 30.946 ng/ul
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

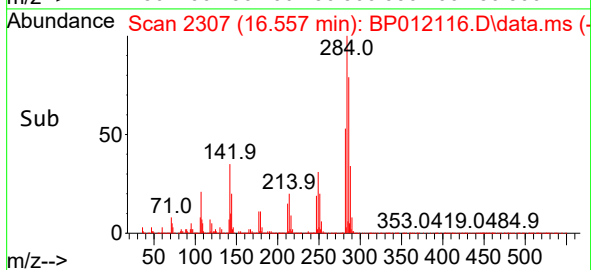
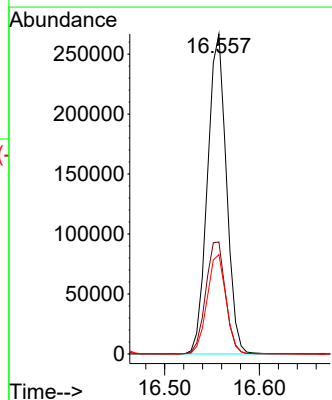
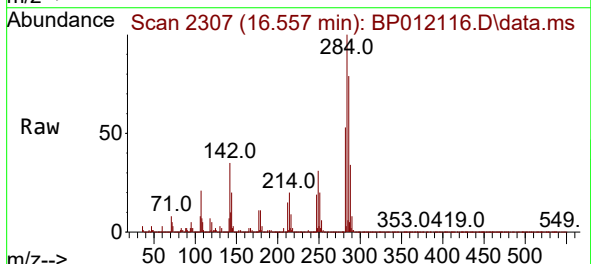
Instrument :
BNA_P
ClientSampleId :

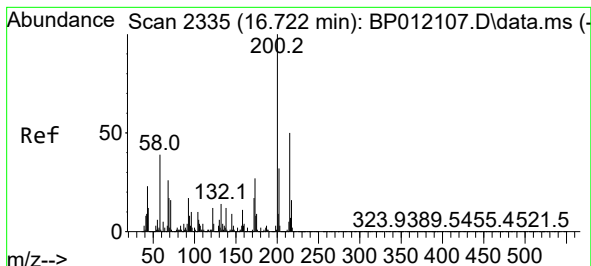
Tgt Ion:248 Resp: 331988
Ion Ratio Lower Upper
248 100
250 98.8 77.9 116.9
141 68.1 59.5 89.3



#69
Hexachlorobenzene
Concen: 29.704 ng/ul
RT: 16.557 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:284 Resp: 369862
Ion Ratio Lower Upper
284 100
142 35.0 30.5 45.7
249 31.1 25.4 38.0





#70

Atrazine

Concen: 31.267 ng/ul

RT: 16.722 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

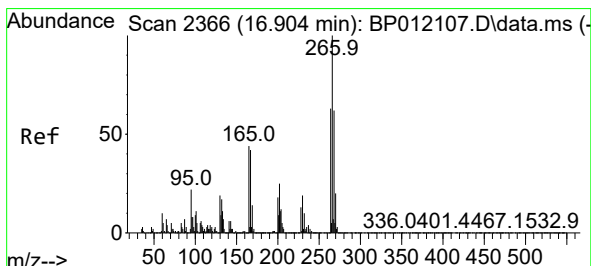
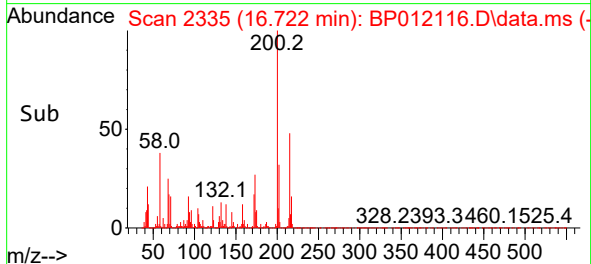
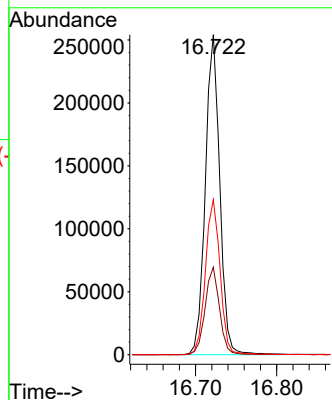
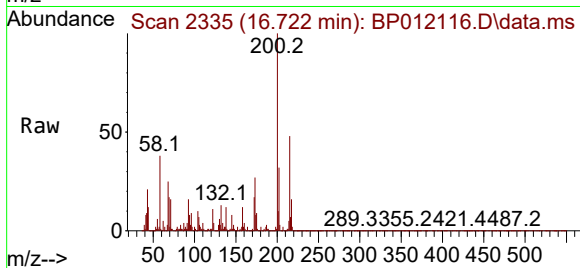
Tgt Ion:200 Resp: 313755

Ion Ratio Lower Upper

200 100

173 27.4 22.1 33.1

215 48.4 38.8 58.2



#71

Pentachlorophenol

Concen: 31.054 ng/ul

RT: 16.904 min Scan# 2366

Delta R.T. -0.006 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

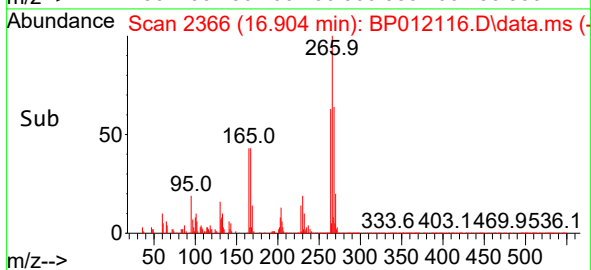
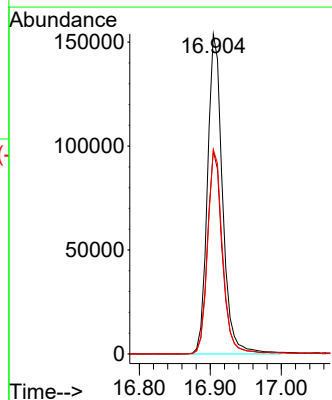
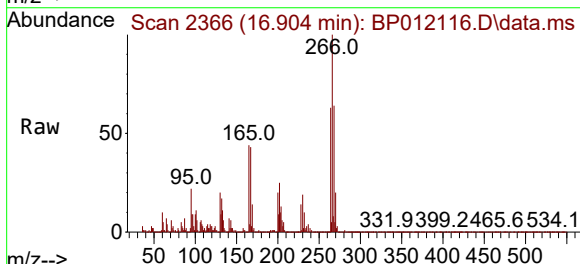
Tgt Ion:266 Resp: 226551

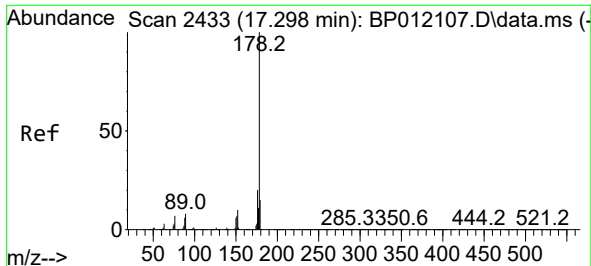
Ion Ratio Lower Upper

266 100

264 63.5 50.6 75.8

268 64.0 51.8 77.6

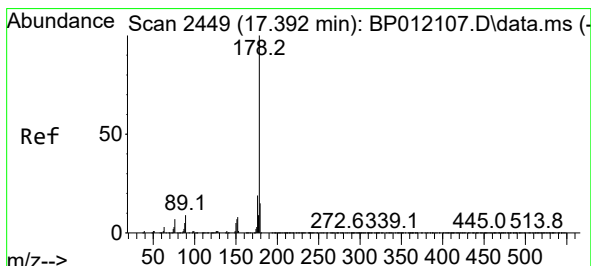
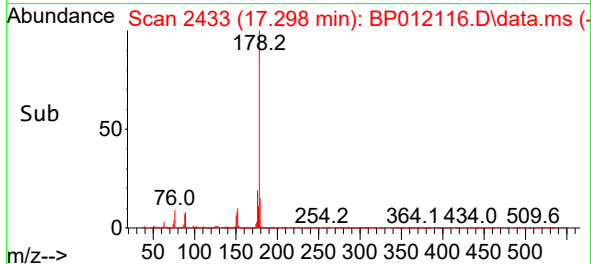
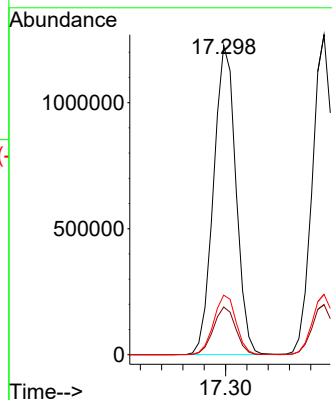
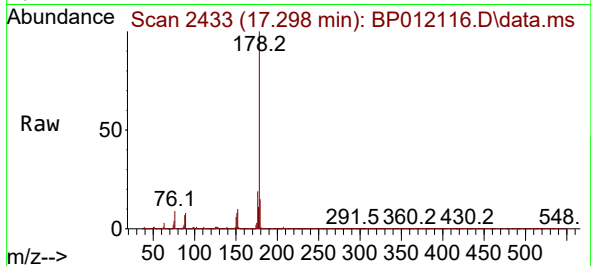




#72
Phenanthrene
Concen: 29.779 ng/ul
RT: 17.298 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

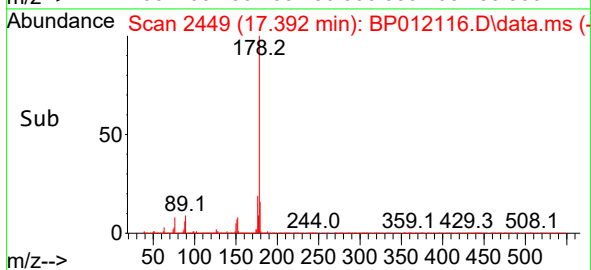
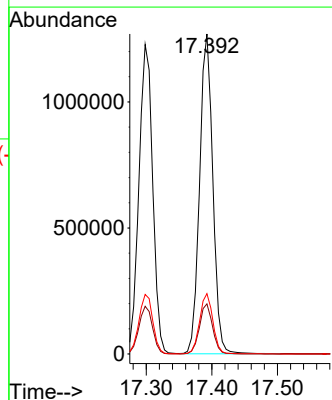
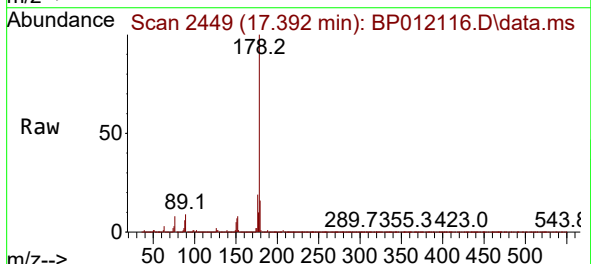
Instrument :
BNA_P
ClientSampleId :

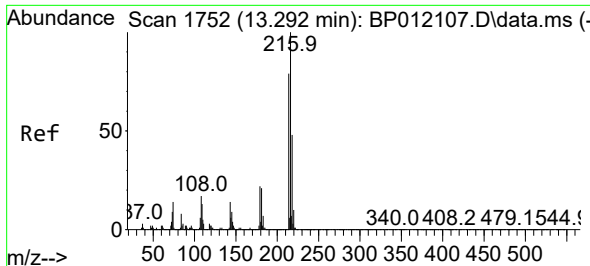
Tgt Ion:178 Resp: 1785440
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.2 15.8 23.6



#74
Anthracene
Concen: 30.042 ng/ul
RT: 17.392 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:178 Resp: 1782440
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.8 14.8 22.2

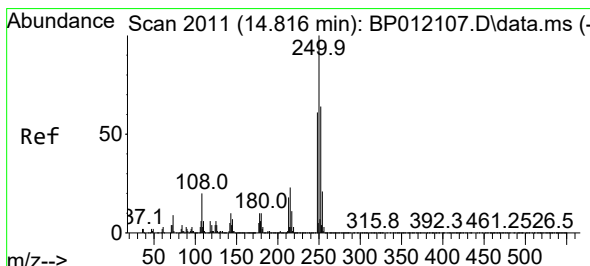
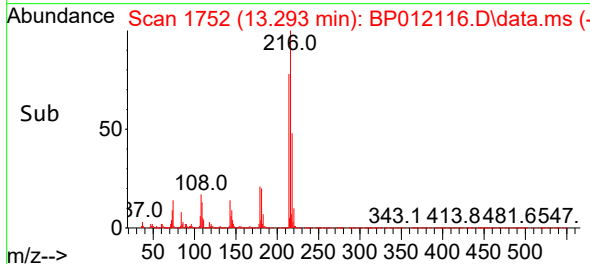
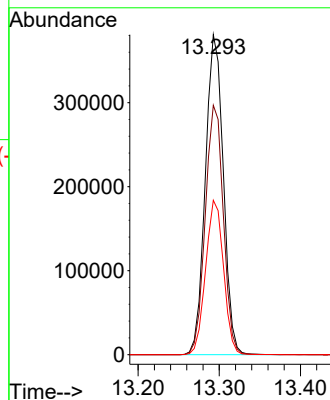
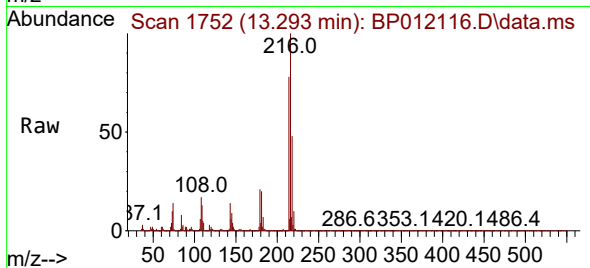




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.821 ng/uL
RT: 13.293 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

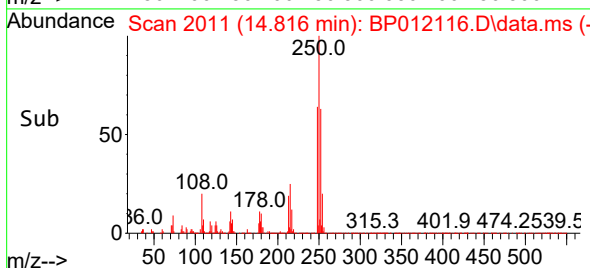
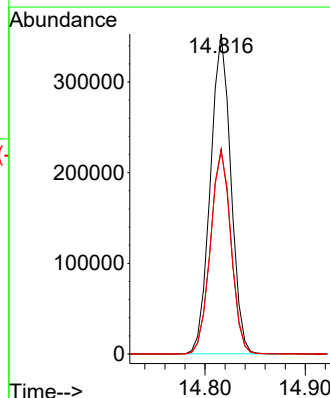
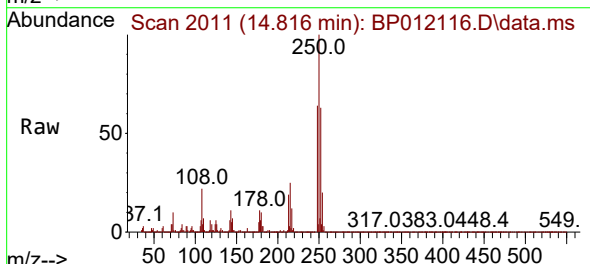
Instrument :
BNA_P
ClientSampleId :

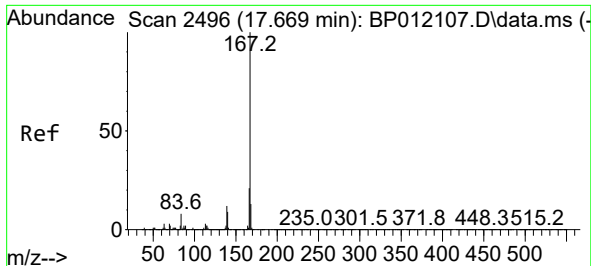
Tgt Ion:216 Resp: 584703
Ion Ratio Lower Upper
216 100
214 77.9 62.6 94.0
218 48.2 38.9 58.3



#76
Pentachlorobenzene
Concen: 28.577 ng/uL
RT: 14.816 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:250 Resp: 499987
Ion Ratio Lower Upper
250 100
248 64.1 51.4 77.2
252 63.2 50.7 76.1

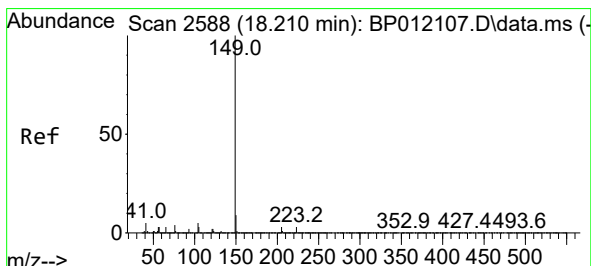
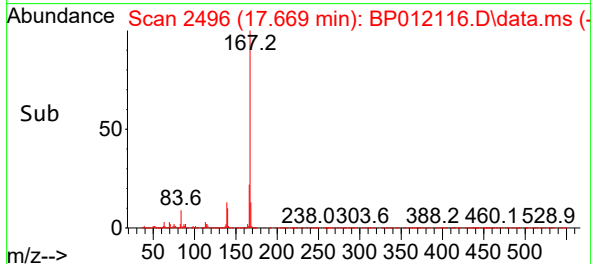
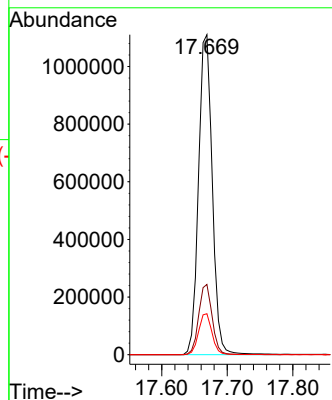
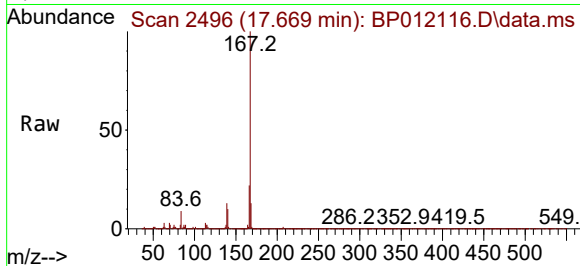




#77
 Carbazole
 Concen: 30.640 ng/ul
 RT: 17.669 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BP012116.D
 Acq: 13 Oct 2022 12:25

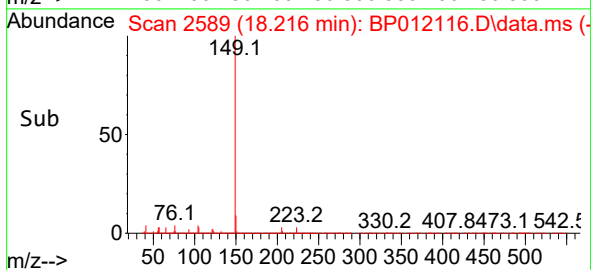
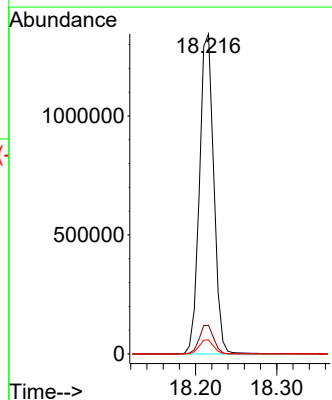
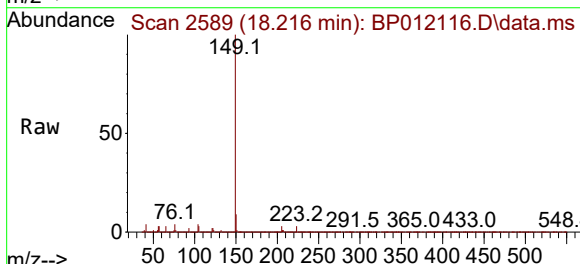
Instrument :
 BNA_P
 ClientSampleId :

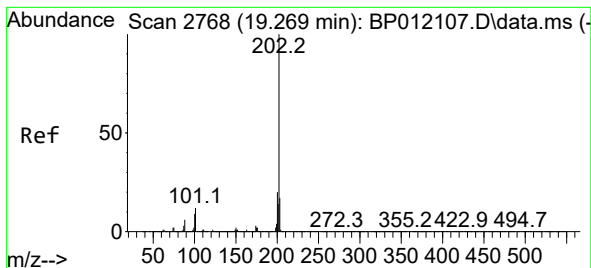
Tgt Ion:167 Resp: 1621424
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 12.8 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 31.411 ng/ul
 RT: 18.216 min Scan# 2589
 Delta R.T. 0.000 min
 Lab File: BP012116.D
 Acq: 13 Oct 2022 12:25

Tgt Ion:149 Resp: 1649504
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.4 3.4 5.2





#80

Fluoranthene

Concen: 27.178 ng/ul

RT: 19.269 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

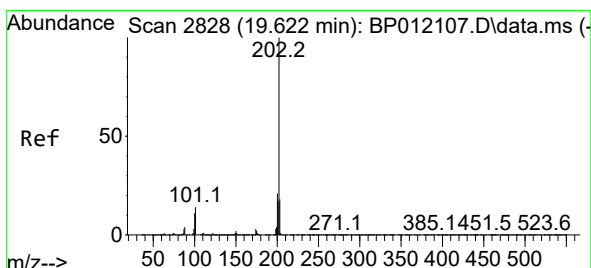
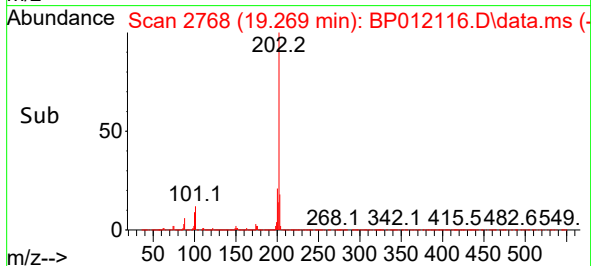
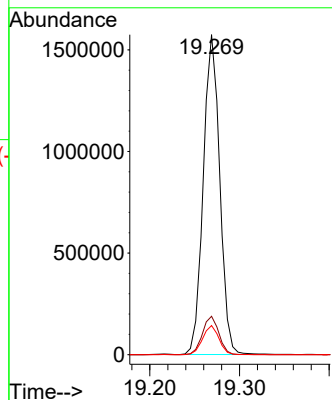
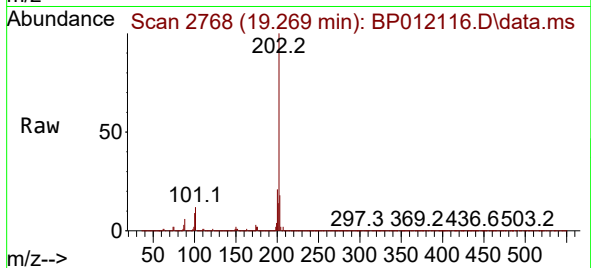
Tgt Ion:202 Resp: 2007177

Ion Ratio Lower Upper

202 100

101 12.0 9.0 13.6

100 9.1 7.0 10.6



#82

Pyrene

Concen: 27.555 ng/ul

RT: 19.622 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

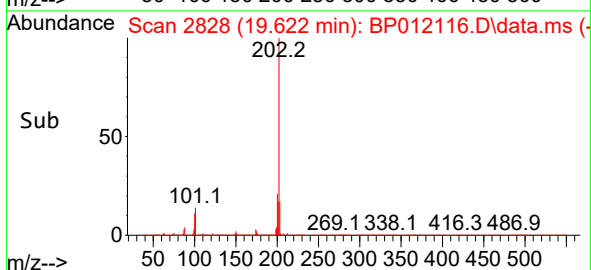
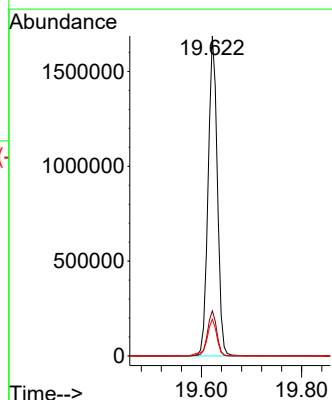
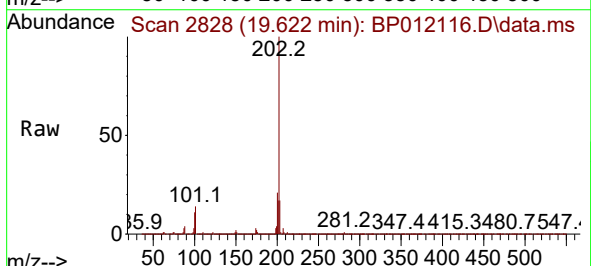
Tgt Ion:202 Resp: 2153618

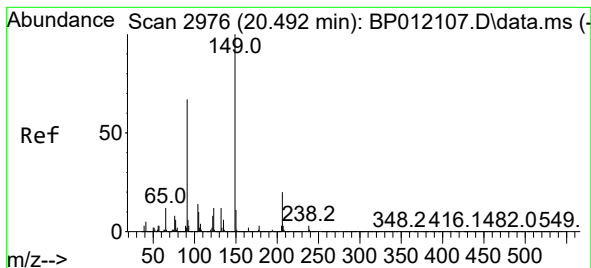
Ion Ratio Lower Upper

202 100

101 14.1 10.4 15.6

100 11.5 8.5 12.7





#83

Butylbenzylphthalate

Concen: 30.777 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

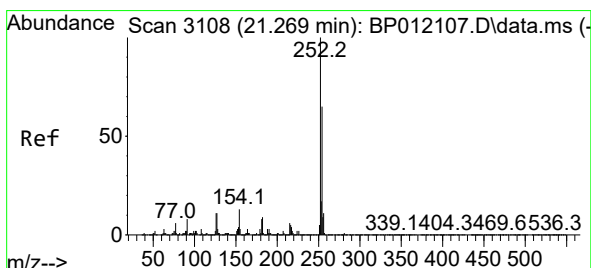
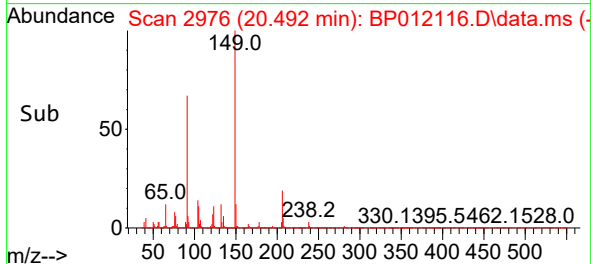
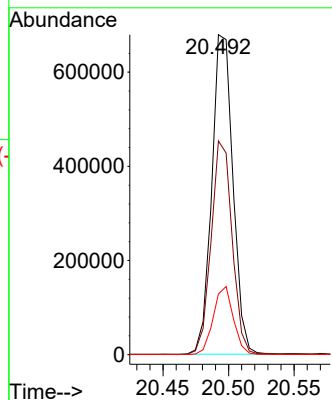
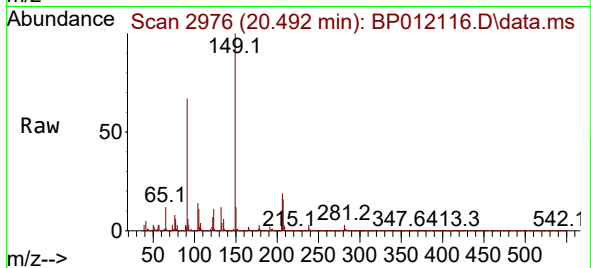
Tgt Ion:149 Resp: 762507

Ion Ratio Lower Upper

149 100

91 66.8 48.5 72.7

206 19.0 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 29.093 ng/ul

RT: 21.269 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

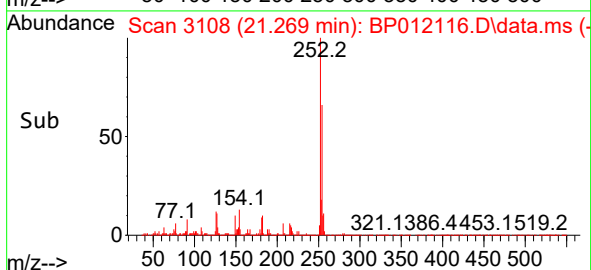
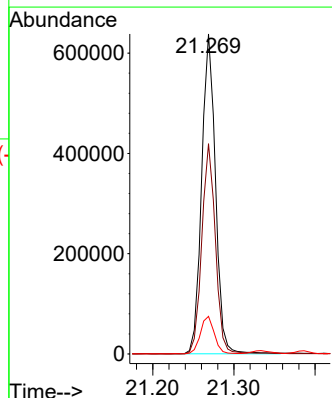
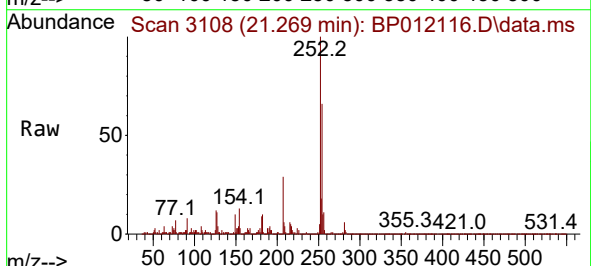
Tgt Ion:252 Resp: 754208

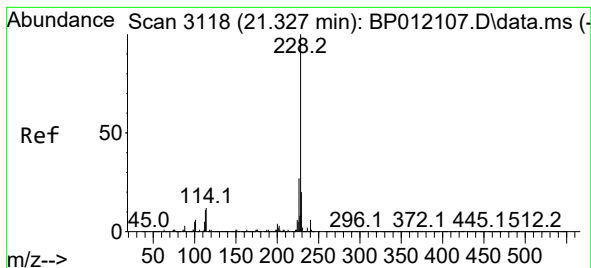
Ion Ratio Lower Upper

252 100

254 65.7 51.4 77.2

126 11.8 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 30.269 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

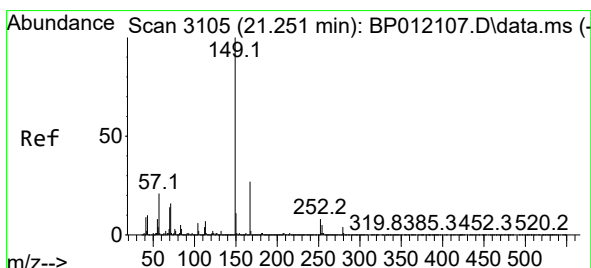
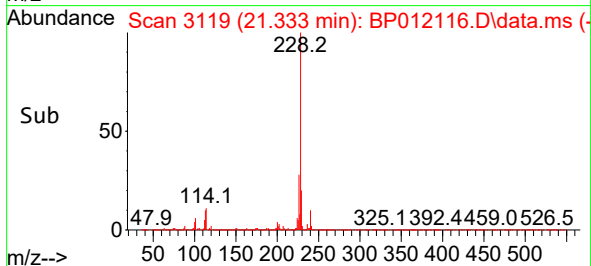
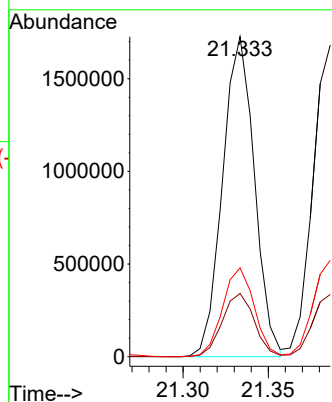
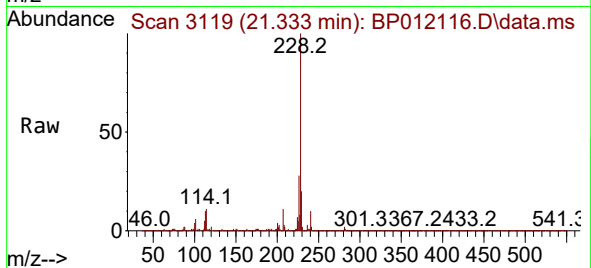
Tgt Ion:228 Resp: 2241477

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.570 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

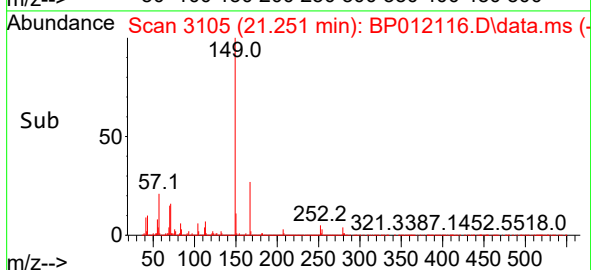
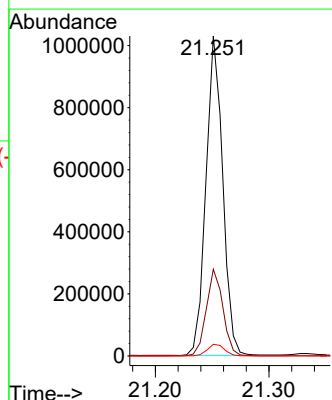
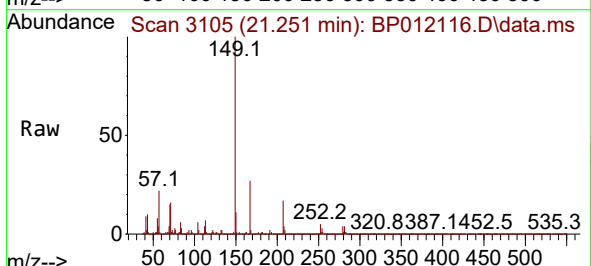
Tgt Ion:149 Resp: 1054434

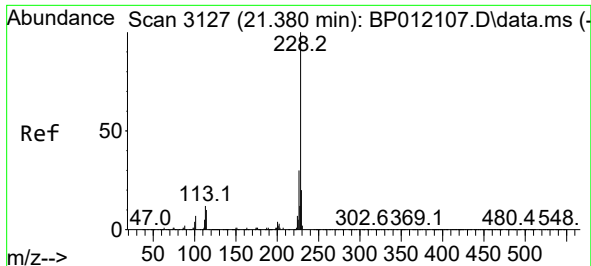
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 3.6 3.4 5.2

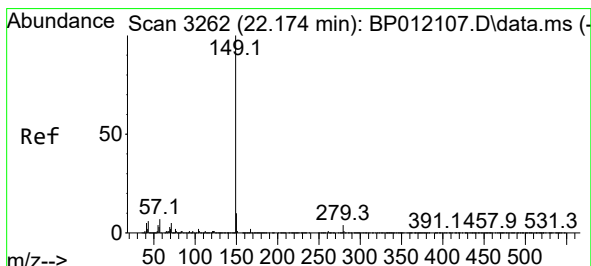
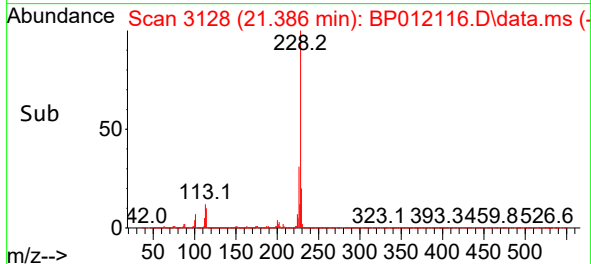
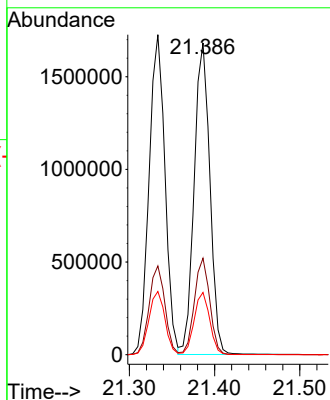
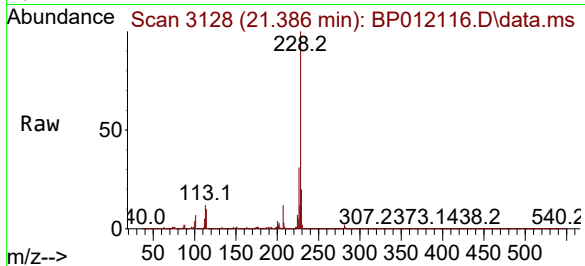




#87
Chrysene
Concen: 30.174 ng/ul
RT: 21.386 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

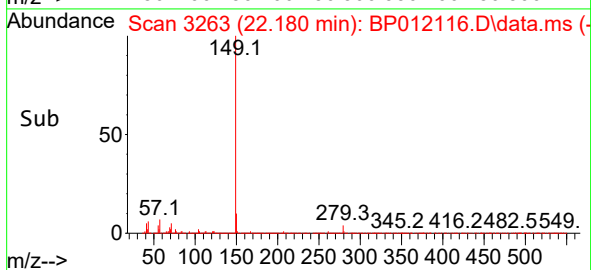
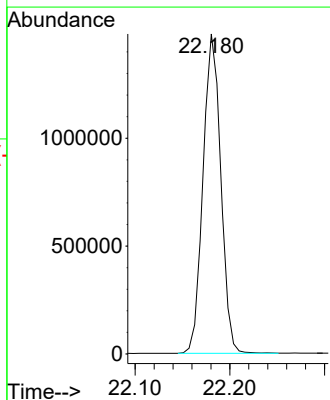
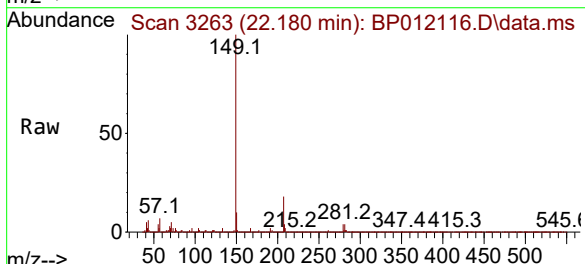
Instrument :
BNA_P
ClientSampleId :

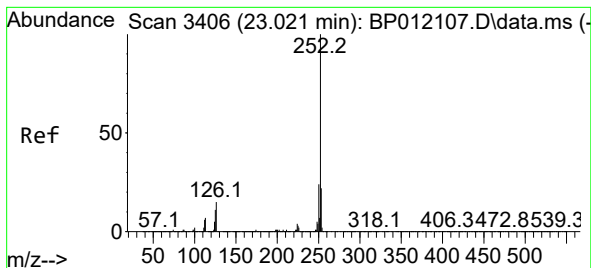
Tgt Ion:228 Resp: 2150808
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 20.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 30.139 ng/ul
RT: 22.180 min Scan# 3263
Delta R.T. 0.000 min
Lab File: BP012116.D
Acq: 13 Oct 2022 12:25

Tgt Ion:149 Resp: 1924985





#90

Benzo(b)fluoranthene

Concen: 30.447 ng/ul

RT: 23.027 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

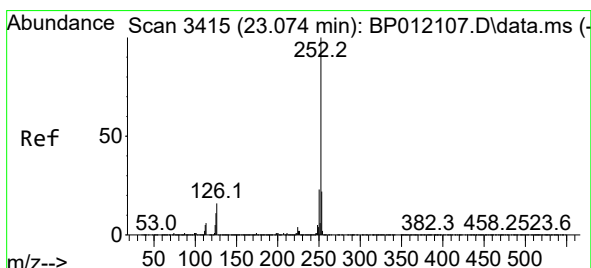
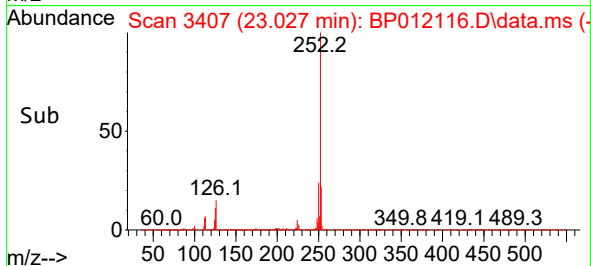
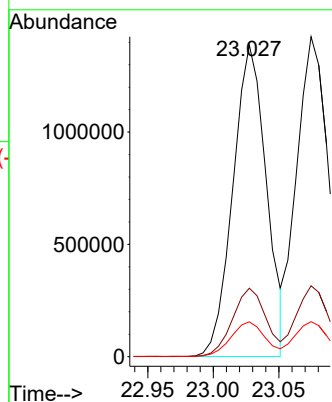
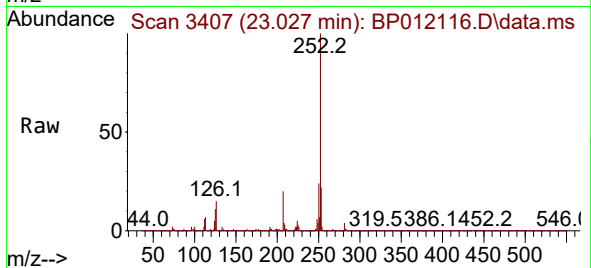
Tgt Ion:252 Resp: 2458686

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.2 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 30.553 ng/ul

RT: 23.075 min Scan# 3415

Delta R.T. 0.000 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

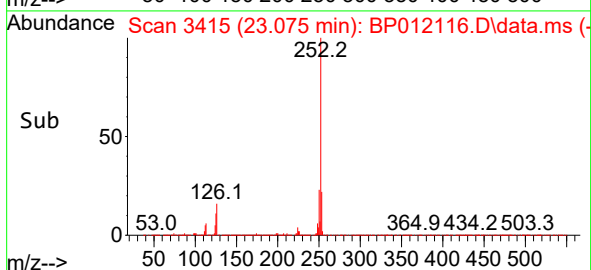
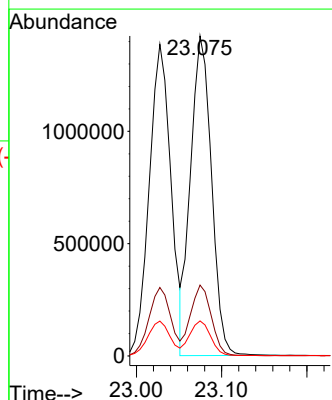
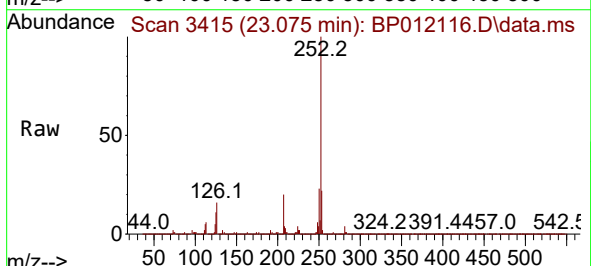
Tgt Ion:252 Resp: 2426850

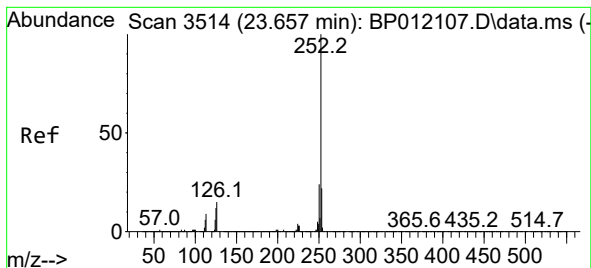
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.9 8.2 12.2





#93

Benzo(a)pyrene

Concen: 30.621 ng/ul

RT: 23.663 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

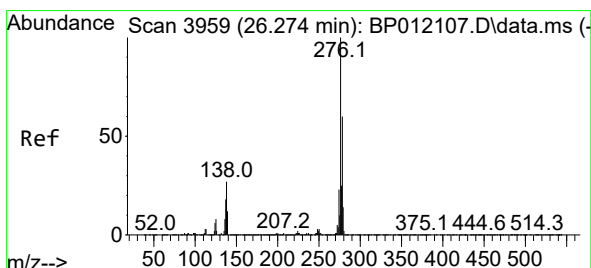
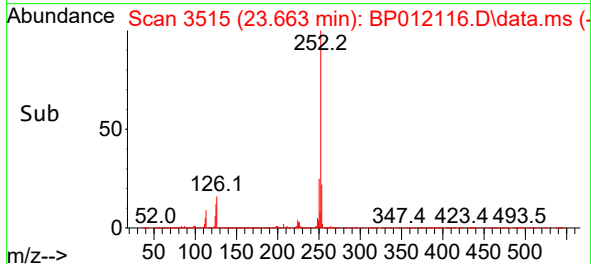
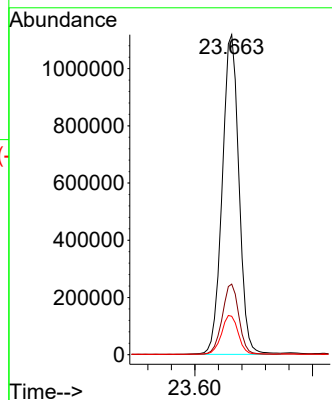
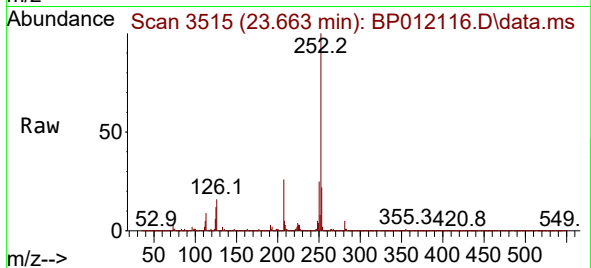
Tgt Ion:252 Resp: 2206136

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 12.0 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.668 ng/ul

RT: 26.286 min Scan# 3961

Delta R.T. 0.006 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

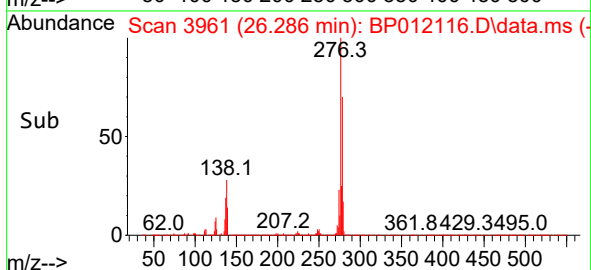
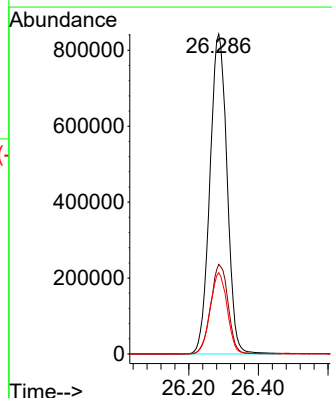
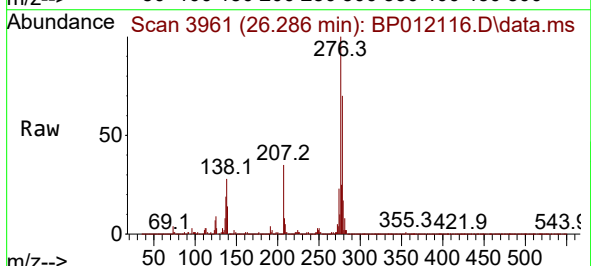
Tgt Ion:276 Resp: 2884844

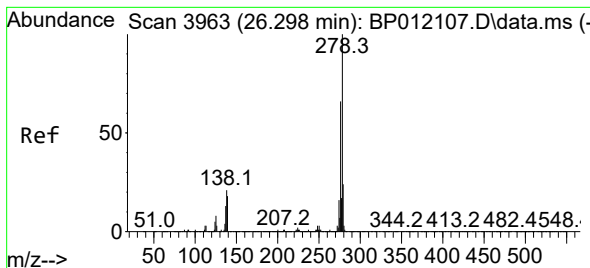
Ion Ratio Lower Upper

276 100

138 28.0 19.1 28.7

277 25.4 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 30.091 ng/ul

RT: 26.304 min Scan# 3964

Delta R.T. 0.006 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Instrument :

BNA_P

ClientSampleId :

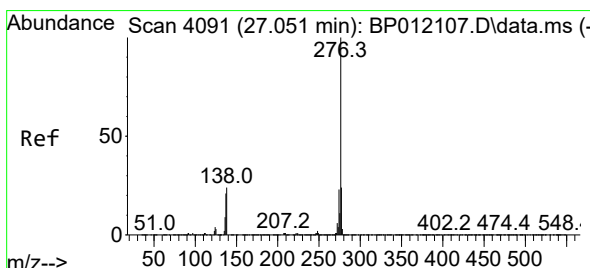
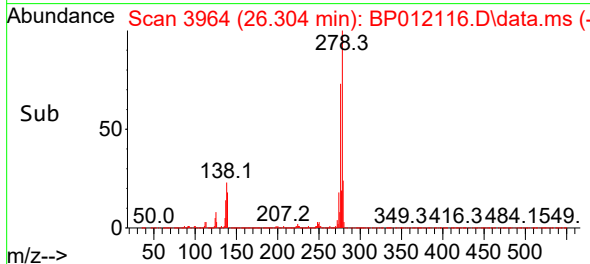
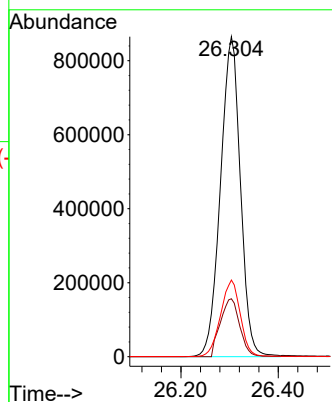
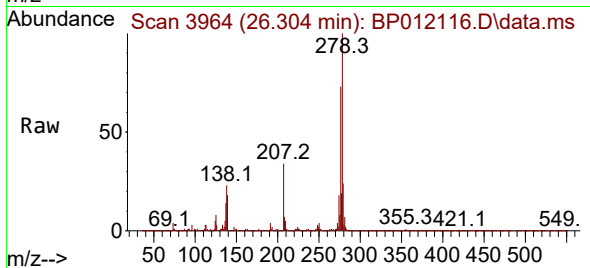
Tgt Ion:278 Resp: 2459157

Ion Ratio Lower Upper

278 100

139 18.1 12.5 18.7

279 23.9 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 29.352 ng/ul

RT: 27.063 min Scan# 4093

Delta R.T. 0.006 min

Lab File: BP012116.D

Acq: 13 Oct 2022 12:25

Tgt Ion:276 Resp: 2410817

Ion Ratio Lower Upper

276 100

138 24.4 16.5 24.7

277 24.0 19.0 28.4

