

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013048.D
 Acq On : 10 Dec 2022 19:52
 Operator : CG/JU
 Sample : N5950-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 03:26:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	765409	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	3341332	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	2214706	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	5071598	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	4466920	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	4318791	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	82625	4.616	ng/uL	0.00
4) Pyridine-d5	3.787	84	214198	4.212	ng/ul	0.00
7) Phenol-d5	7.128	99	508633	8.158	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1375172	36.565	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1277029	26.020	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	874738	17.124	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	988119	40.250	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	1026319	37.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	1728324	32.195	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1077192	14.213	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	6545838	38.457	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	7331804	39.201	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	270853	8.846	ng/ul	0.00
60) Fluorene-d10	15.604	176	5661424	39.316	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	1225445	37.548	ng/ul	0.00
73) Anthracene-d10	17.469	188	8988066	39.283	ng/ul	0.00
81) Pyrene-d10	19.698	212	10546834	41.134	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	8947710	41.566	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	92324	4.940	ng/uL	96
5) Pyridine	3.805	79	305283	6.040	ng/ul	96
6) Benzaldehyde	7.105	77	1246073	51.043	ng/ul	99
8) Phenol	7.152	94	549191	8.712	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.393	93	1861648	35.983	ng/ul	99
12) 2-Chlorophenol	7.534	128	1303843	25.907	ng/ul	98
13) 2-Methylphenol	8.416	108	990317	20.151	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.505	45	2747288	38.697	ng/ul	99
16) Acetophenone	8.805	105	2953975	37.714	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	1502213	38.139	ng/ul	99
18) 4-Methylphenol	8.746	108	964897	17.726	ng/ul	98
19) Hexachloroethane	9.058	117	669505	33.289	ng/ul	100
22) Nitrobenzene	9.187	77	2236686	38.826	ng/ul	97
23) Isophorone	9.716	82	4458490	38.275	ng/ul	100
25) 2-Nitrophenol	9.899	139	1072761	35.823	ng/ul	98
26) 2,4-Dimethylphenol	9.952	107	1326268	22.698	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.193	93	2674141	35.903	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	1667057	31.701	ng/ul	99
30) Naphthalene	10.840	128	6238474	35.700	ng/ul	99
32) 4-Chloroaniline	10.946	127	1336402	17.819	ng/ul	99
33) Hexachlorobutadiene	11.116	225	1263915	35.005	ng/ul	98
34) Caprolactam	11.746	113	86153	4.805	ng/ul	98
35) 4-Chloro-3-methylphenol	12.063	107	1567834	29.215	ng/ul	97
36) 2-Methylnaphthalene	12.440	142	4586368	38.257	ng/ul	100

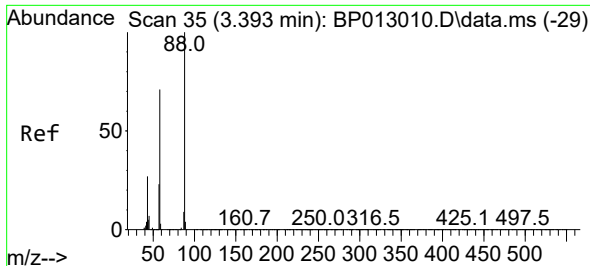
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	4606212	37.362	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	2750599	38.570	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	1126993	24.285	ng/ul	99
41) 2,4,6-Trichlorophenol	13.046	196	1666442	36.360	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	1786465	36.288	ng/ul	99
43) 1,1'-Biphenyl	13.446	154	6175261	37.126	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	4946743	37.787	ng/ul	99
45) 2-Nitroaniline	13.693	65	1371390	43.207	ng/ul	99
47) Dimethylphthalate	14.069	163	6392307	37.891	ng/ul	100
48) 2,6-Dinitrotoluene	14.193	165	1423177	45.394	ng/ul	95
50) Acenaphthylene	14.334	152	7639664	37.994	ng/ul	99
51) 3-Nitroaniline	14.516	138	1020392	34.468	ng/ul	99
52) Acenaphthene	14.675	153	5342936	38.344	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	762457	35.578	ng/ul	99
55) 4-Nitrophenol	14.816	109	197627	9.460	ng/ul	97
56) Dibenzofuran	15.010	168	7578596	38.254	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	2029529	44.565	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	1708121	38.020	ng/ul	99
59) Diethylphthalate	15.428	149	6481895	39.525	ng/ul	99
61) Fluorene	15.663	166	5981315	37.646	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	3211661	38.224	ng/ul	99
63) 4-Nitroaniline	15.687	138	1196342	45.925	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	1218890	38.217	ng/ul	96
67) N-Nitrosodiphenylamine	15.869	169	5355503	38.089	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	2221925	40.342	ng/ul	98
69) Hexachlorobenzene	16.669	284	2575877	39.388	ng/ul	99
70) Atrazine	16.822	200	1355372	24.736	ng/ul	100
71) Pentachlorophenol	17.010	266	1428323	36.065	ng/ul	99
72) Phenanthrene	17.410	178	10213198	38.663	ng/ul	99
74) Anthracene	17.504	178	10217650	38.738	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.410	216	2790098	38.560	ng/ul	99
76) Pentachlorobenzene	14.928	250	2840894	38.509	ng/ul	99
77) Carbazole	17.775	167	9375699	42.208	ng/ul	99
78) Di-n-butylphthalate	18.310	149	11230903	41.525	ng/ul	97
80) Fluoranthene	19.369	202	11955175	41.081	ng/ul	98
82) Pyrene	19.728	202	11993771	39.954	ng/ul	97
83) Butylbenzylphthalate	20.592	149	5312285	45.807	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.369	252	3489129	34.576	ng/ul	100
85) Benzo(a)anthracene	21.439	228	11964365	40.347	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	7536031	46.067	ng/ul	97
87) Chrysene	21.498	228	11039684	39.367	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	12511579	51.711	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	11664084	42.354	ng/ul	100
91) Benzo(k)fluoranthene	23.233	252	10826927	39.646	ng/ul	99
93) Benzo(a)pyrene	23.839	252	9571912	39.917	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.557	276	10780213	36.091	ng/ul	99
95) Dibenzo(a,h)anthracene	26.568	278	9558905	38.652	ng/ul	100
96) Benzo(g,h,i)perylene	27.362	276	9012221	37.583	ng/ul	99

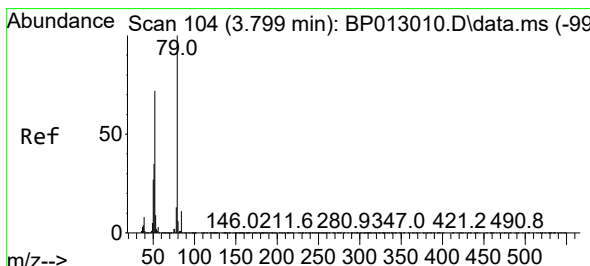
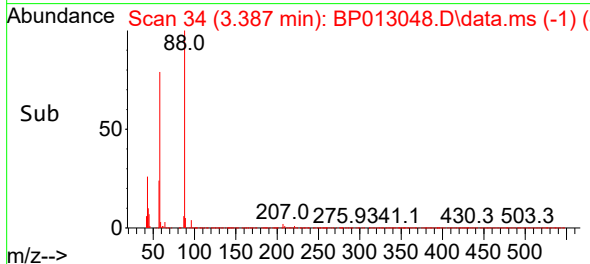
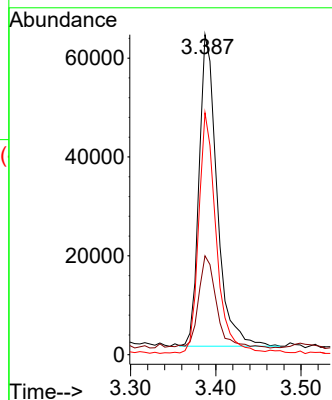
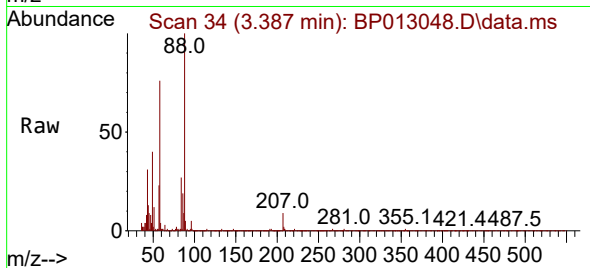
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#2
1,4-Dioxane
Concen: 4.940 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP013048.D
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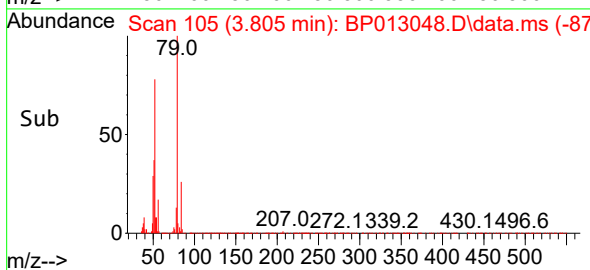
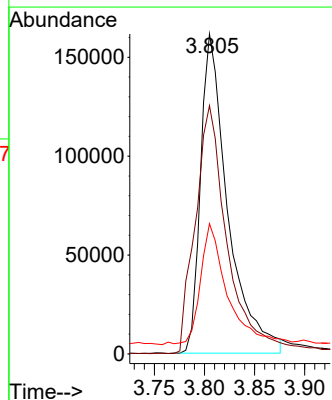
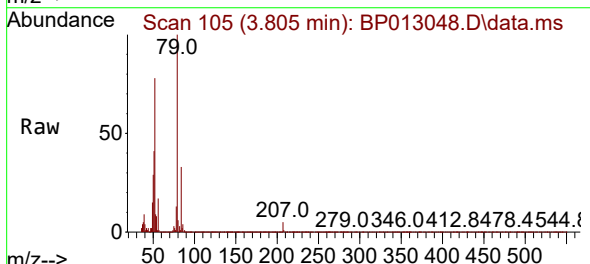
Instrument :
BNA_P
ClientSampleId :

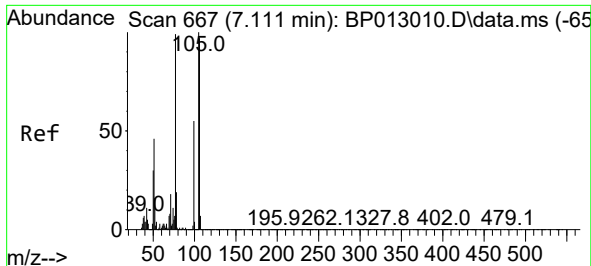
Tgt Ion: 88 Resp: 92324
Ion Ratio Lower Upper
88 100
43 30.9 22.4 33.6
58 75.6 58.2 87.4



#5
Pyridine
Concen: 6.040 ng/uL
RT: 3.805 min Scan# 105
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion: 79 Resp: 305283
Ion Ratio Lower Upper
79 100
52 77.6 60.7 91.1
51 40.7 28.9 43.3

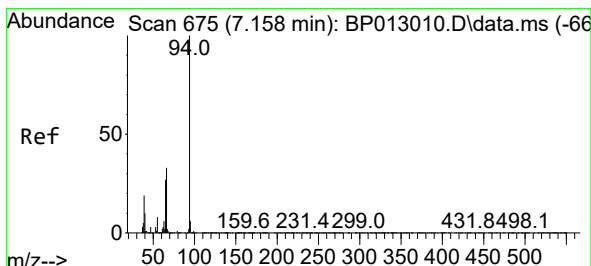
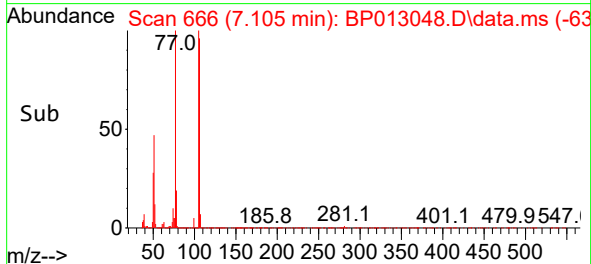
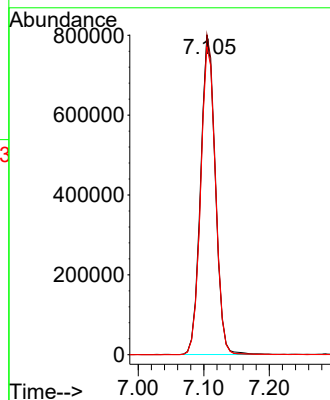
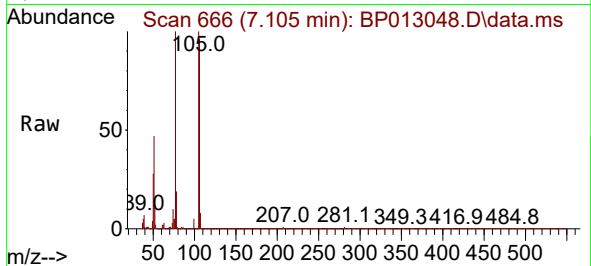




#6
Benzaldehyde
Concen: 51.043 ng/ul
RT: 7.105 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

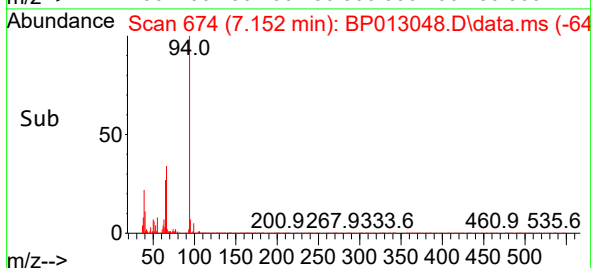
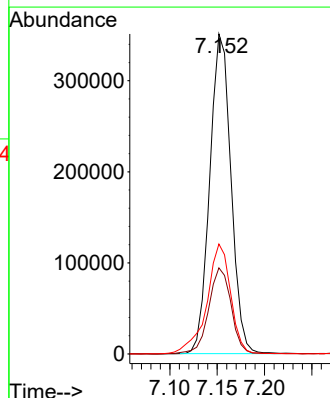
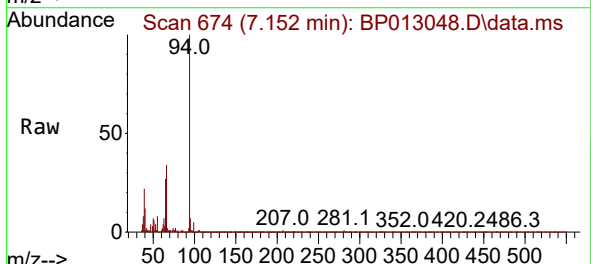
Instrument :
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ClientSampleId :

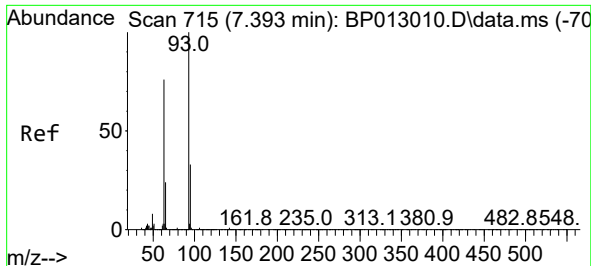
Tgt Ion: 77 Resp: 1246073
Ion Ratio Lower Upper
77 100
105 100.2 81.5 122.3
106 96.4 76.9 115.3



#8
Phenol
Concen: 8.712 ng/ul
RT: 7.152 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion: 94 Resp: 549191
Ion Ratio Lower Upper
94 100
65 26.9 21.1 31.7
66 34.4 27.0 40.6



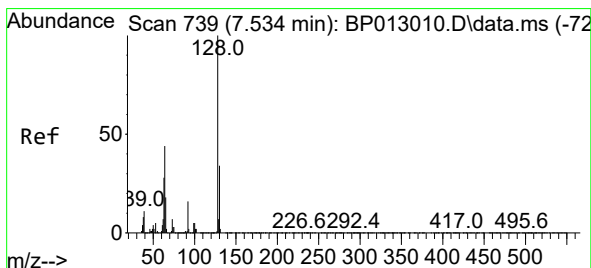
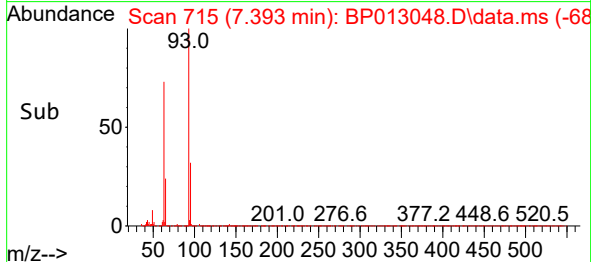
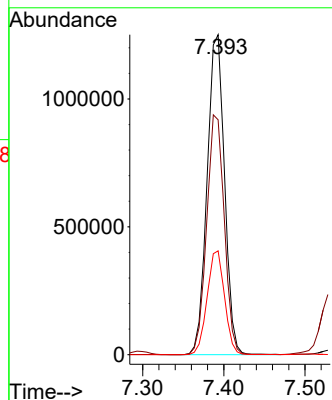
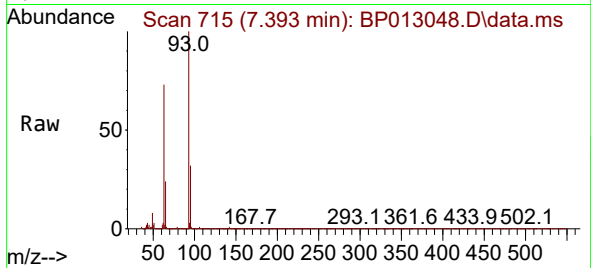


#10
Bis(2-Chloroethyl)ether
Concen: 35.983 ng/ul
RT: 7.393 min Scan# 715
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 93 Resp: 1861648

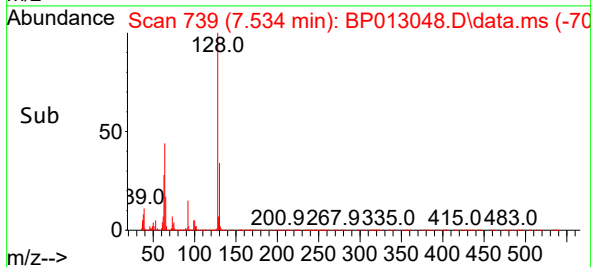
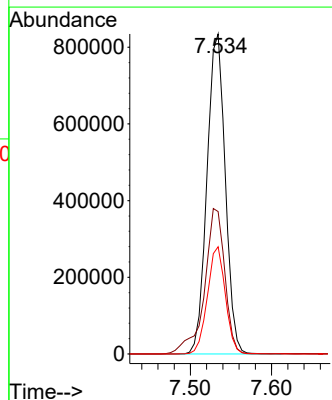
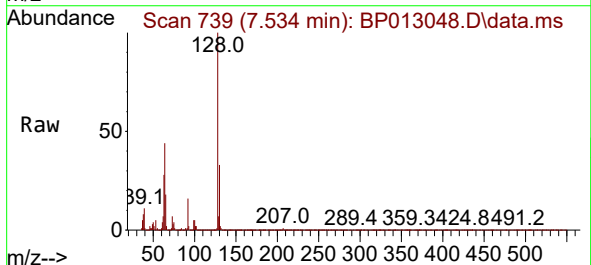
Ion	Ratio	Lower	Upper
93	100		
63	73.4	59.8	89.8
95	32.5	26.4	39.6

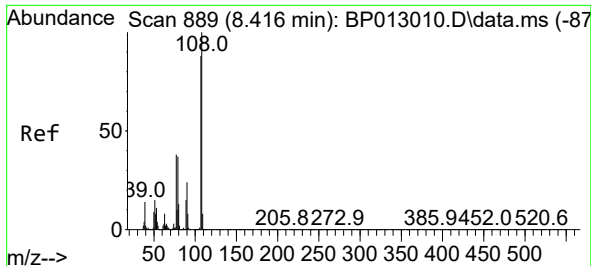


#12
2-Chlorophenol
Concen: 25.907 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:128 Resp: 1303843

Ion	Ratio	Lower	Upper
128	100		
64	44.5	34.9	52.3
130	33.5	25.8	38.6

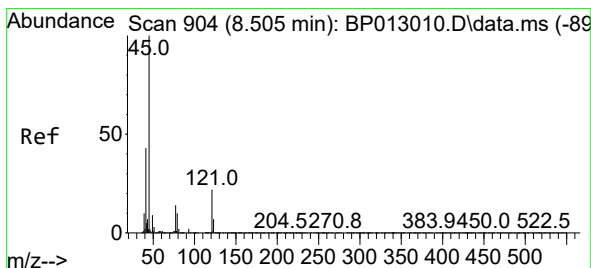
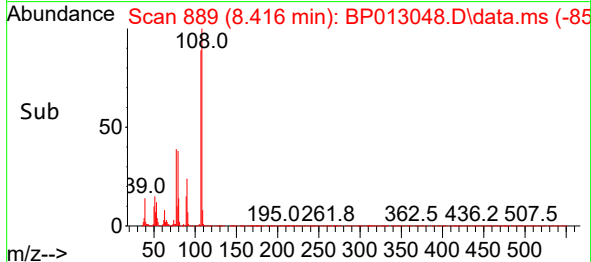
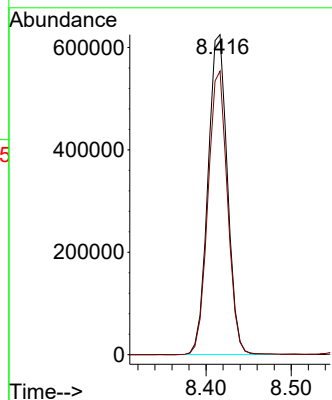
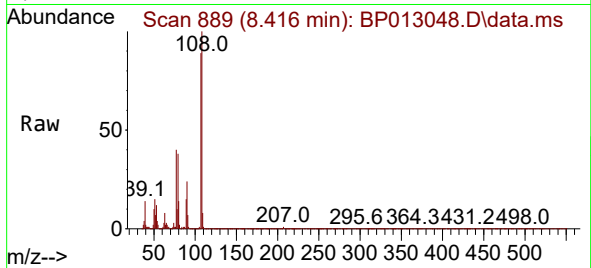




#13
2-Methylphenol
Concen: 20.151 ng/ul
RT: 8.416 min Scan# 889
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

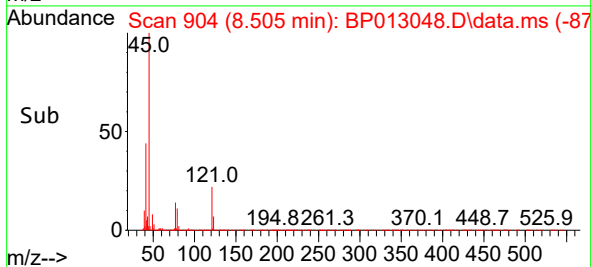
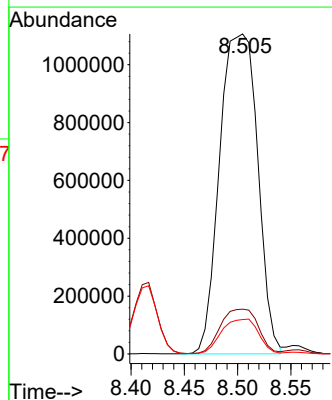
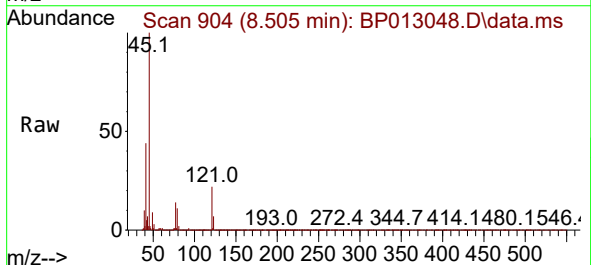
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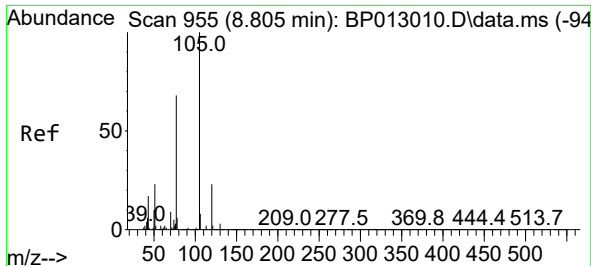
Tgt Ion:108 Resp: 990317
Ion Ratio Lower Upper
108 100
107 88.6 69.1 103.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 38.697 ng/ul
RT: 8.505 min Scan# 904
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion: 45 Resp: 2747288
Ion Ratio Lower Upper
45 100
77 14.0 11.0 16.6
79 10.8 9.3 13.9

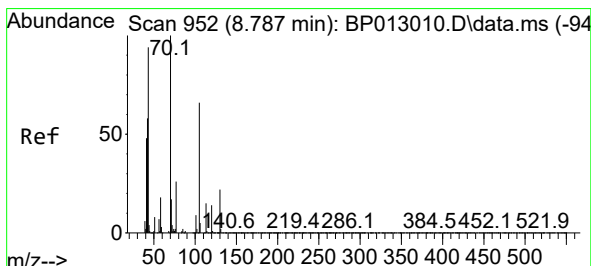
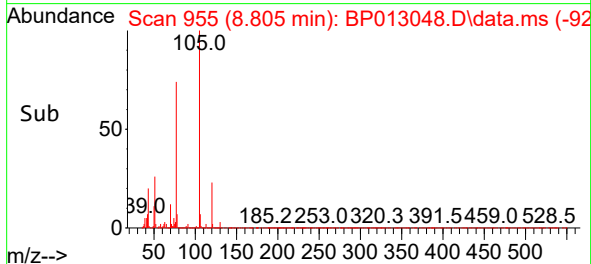
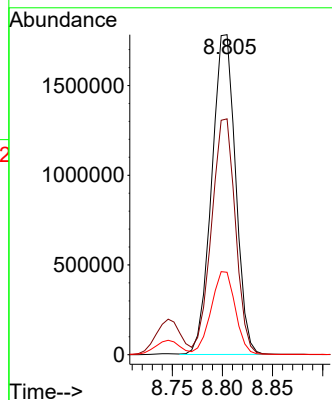
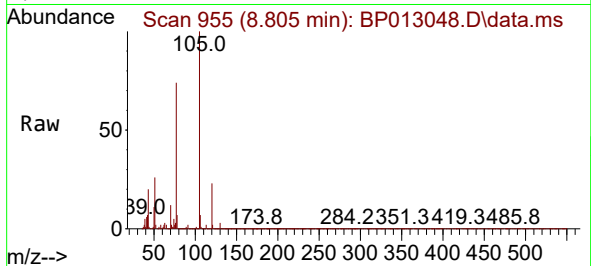




#16
Acetophenone
Concen: 37.714 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

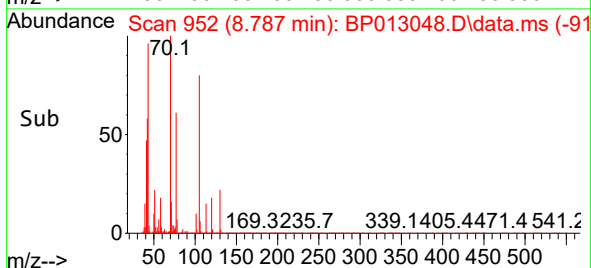
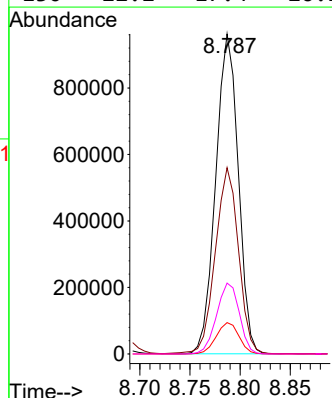
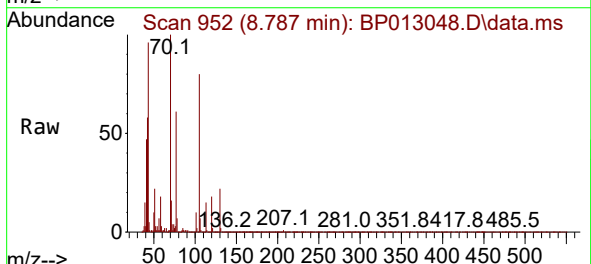
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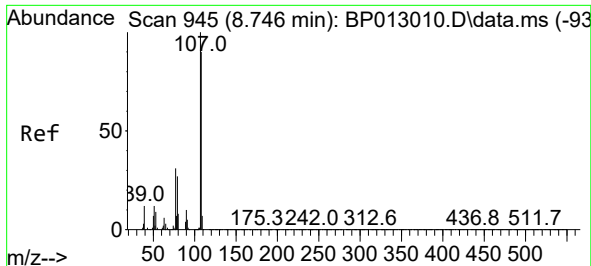
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Ion Ratio Lower Upper
105 100
77 73.7 59.3 88.9
51 25.7 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 38.139 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion: 70 Resp: 1502213
Ion Ratio Lower Upper
70 100
42 58.2 45.5 68.3
101 9.8 7.9 11.9
130 22.2 17.4 26.2

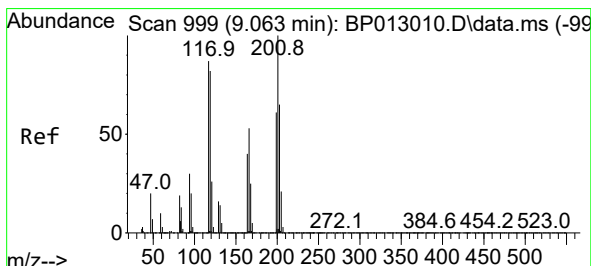
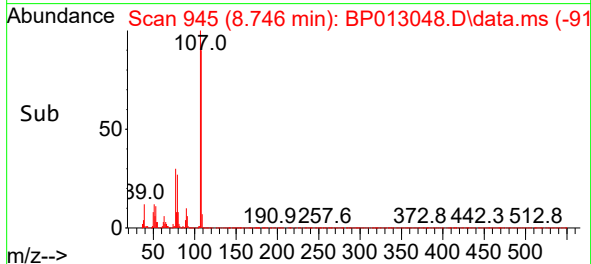
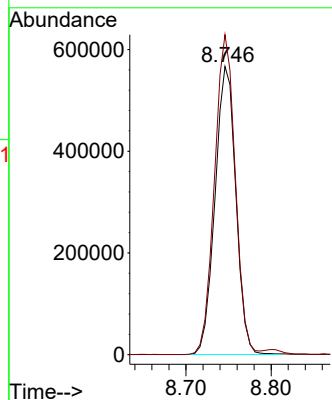
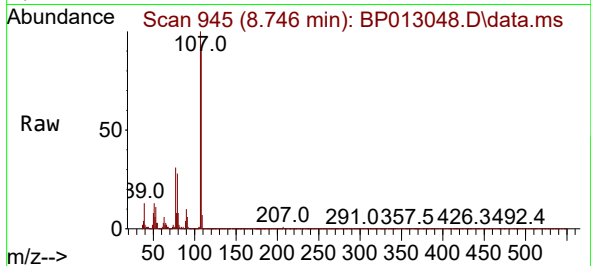




#18
4-Methylphenol
Concen: 17.726 ng/ul
RT: 8.746 min Scan# 945
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

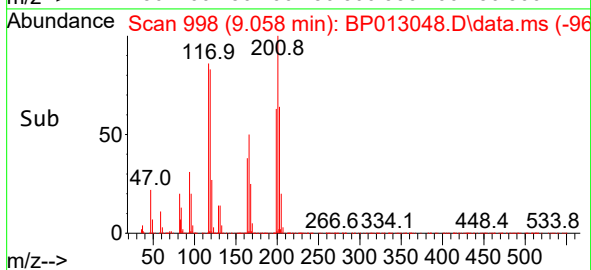
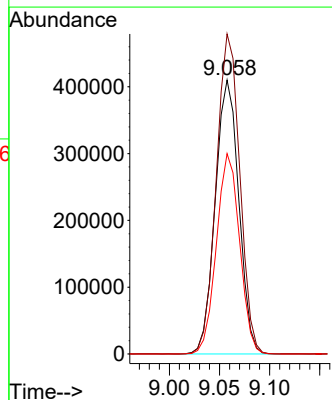
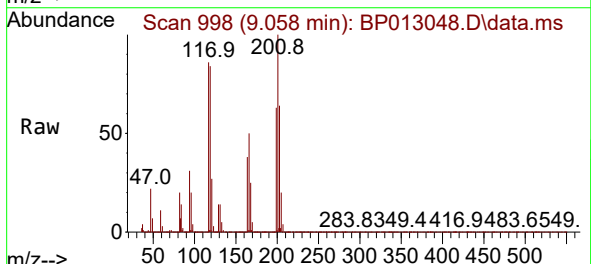
Instrument :
BNA_P
ClientSampleId :

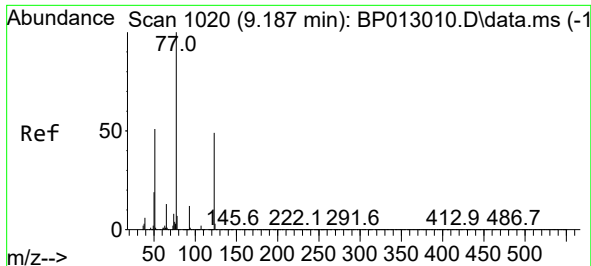
Tgt Ion:108 Resp: 964897
Ion Ratio Lower Upper
108 100
107 111.1 87.4 131.2



#19
Hexachloroethane
Concen: 33.289 ng/ul
RT: 9.058 min Scan# 998
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:117 Resp: 669505
Ion Ratio Lower Upper
117 100
201 116.8 93.7 140.5
199 73.1 58.6 88.0

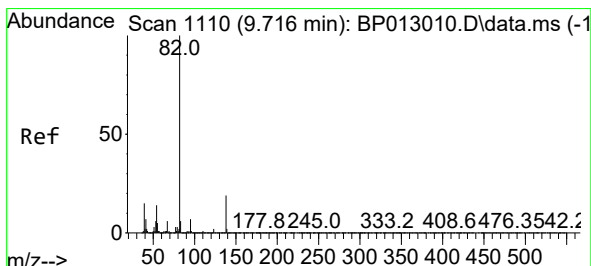
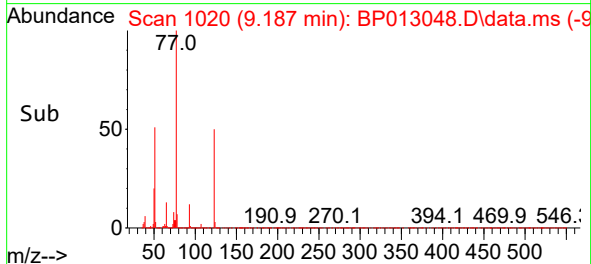
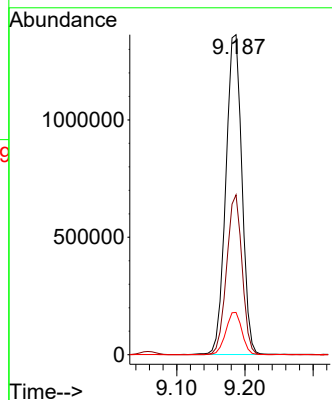
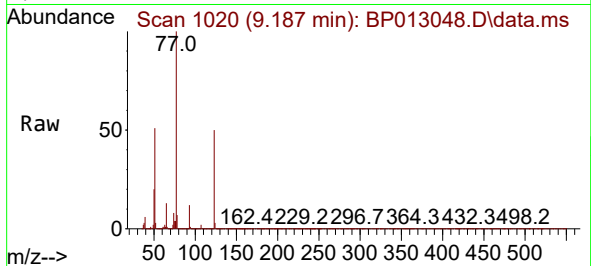




#22
Nitrobenzene
Concen: 38.826 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

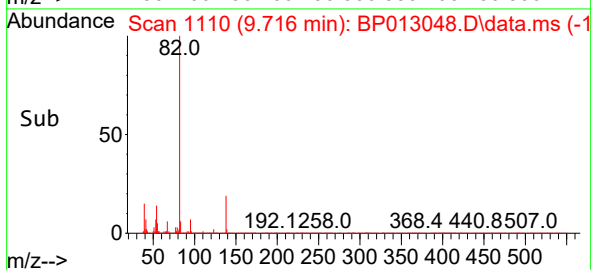
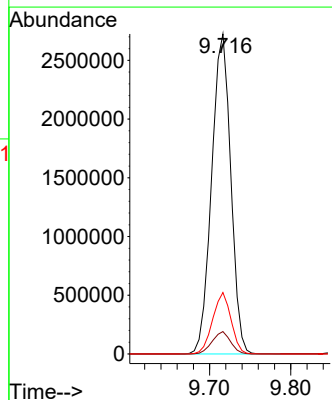
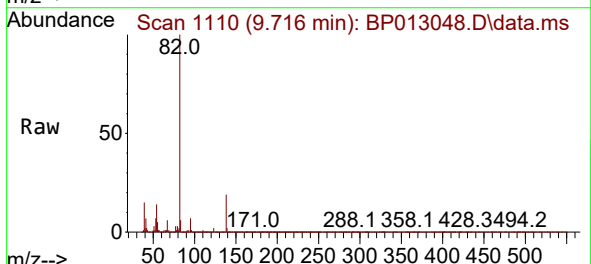
Instrument :
BNA_P
ClientSampleId :

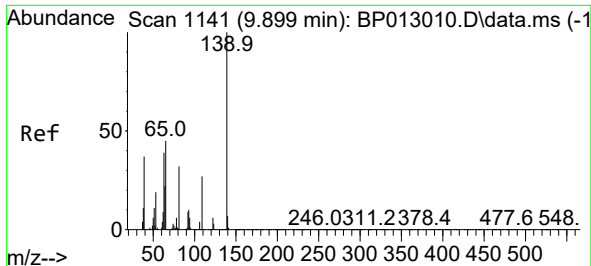
Tgt Ion: 77 Resp: 2236686
Ion Ratio Lower Upper
77 100
123 50.0 38.3 57.5
65 13.2 10.3 15.5



#23
Isophorone
Concen: 38.275 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion: 82 Resp: 4458490
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.2 15.3 22.9

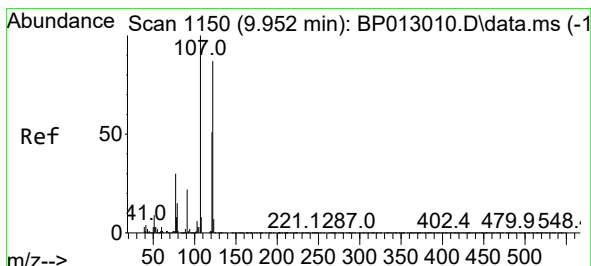
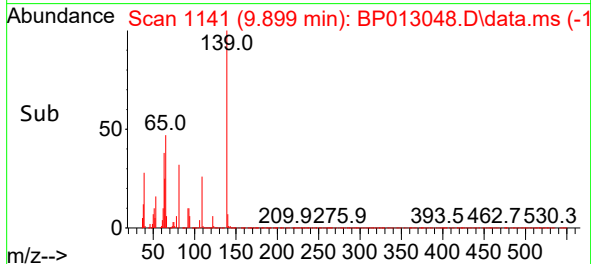
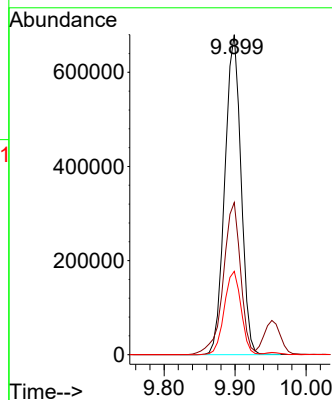
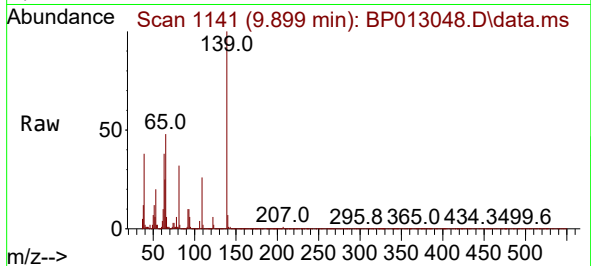




#25
2-Nitrophenol
Concen: 35.823 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

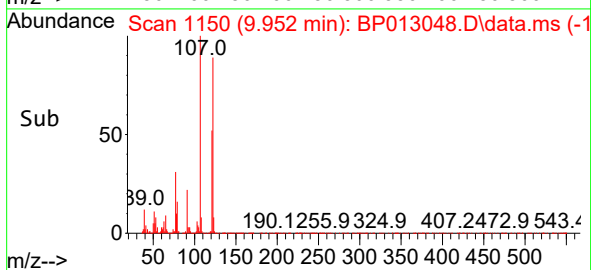
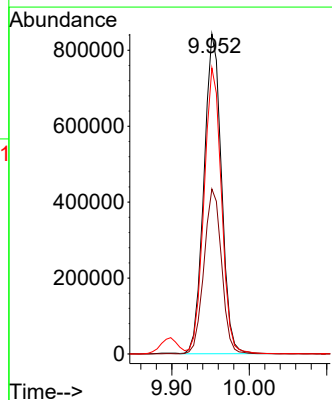
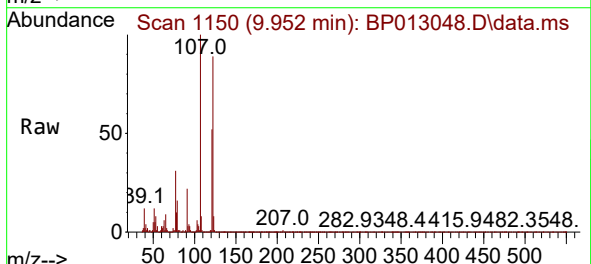
Instrument :
BNA_P
ClientSampleId :

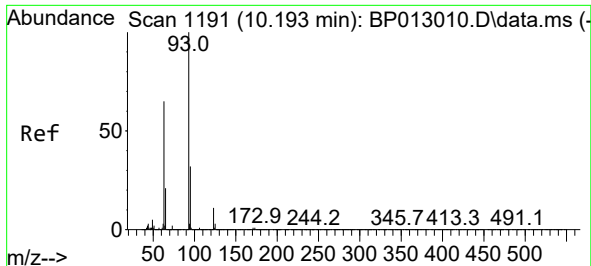
Tgt Ion:139 Resp: 1072761
Ion Ratio Lower Upper
139 100
65 47.5 36.6 54.8
109 26.0 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 22.698 ng/ul
RT: 9.952 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:107 Resp: 1326268
Ion Ratio Lower Upper
107 100
121 51.6 41.8 62.6
122 89.4 72.6 108.8

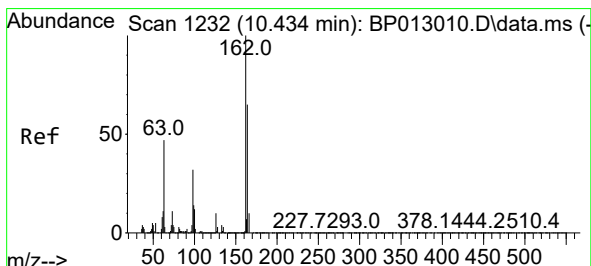
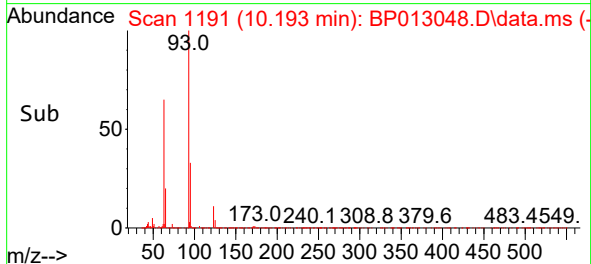
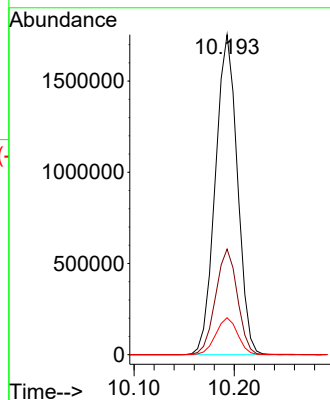
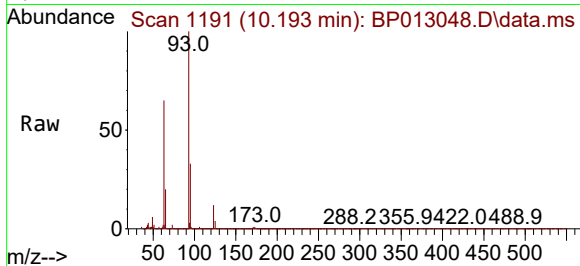




#27
Bis(2-Chloroethoxy)methane
Concen: 35.903 ng/ul
RT: 10.193 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

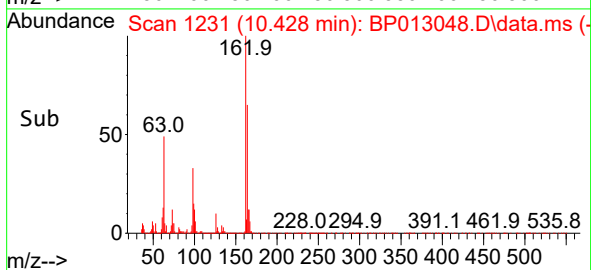
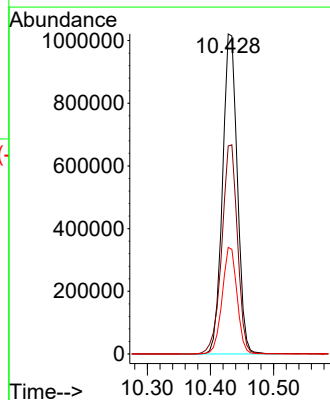
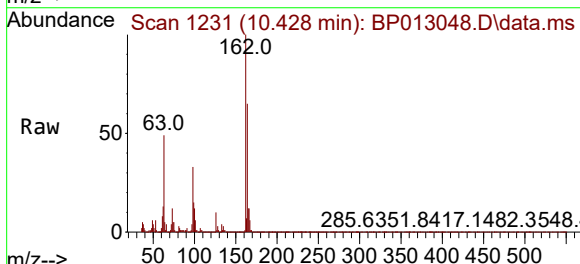
Instrument :
BNA_P
ClientSampleId :

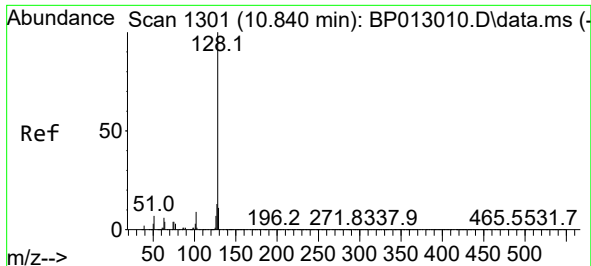
Tgt Ion: 93 Resp: 2674141
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 11.5 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 31.701 ng/ul
RT: 10.428 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:162 Resp: 1667057
Ion Ratio Lower Upper
162 100
164 65.0 52.5 78.7
98 33.3 26.6 39.8

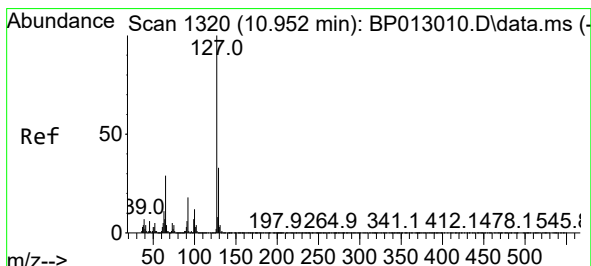
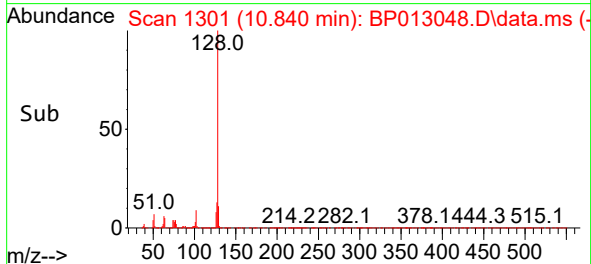
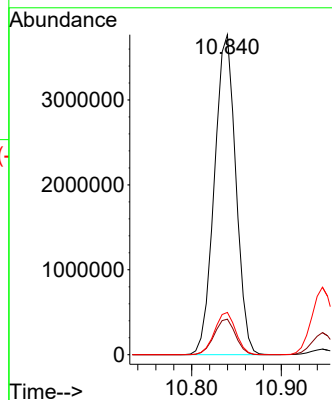
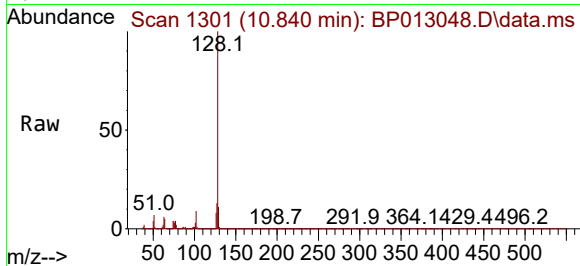




#30
Naphthalene
Concen: 35.700 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

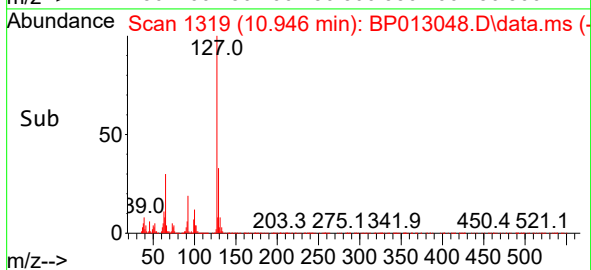
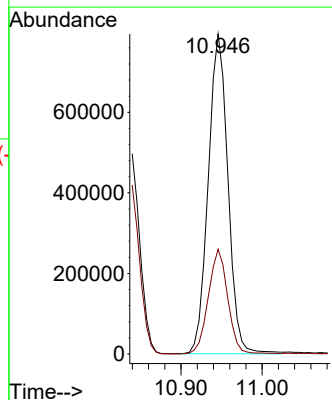
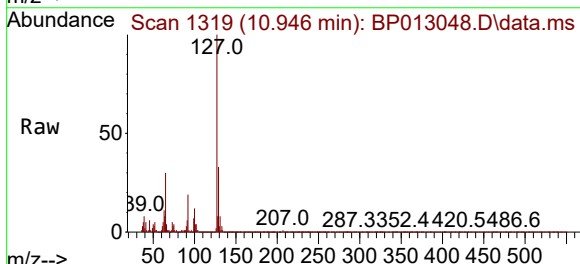
Instrument :
BNA_P
ClientSampleId :

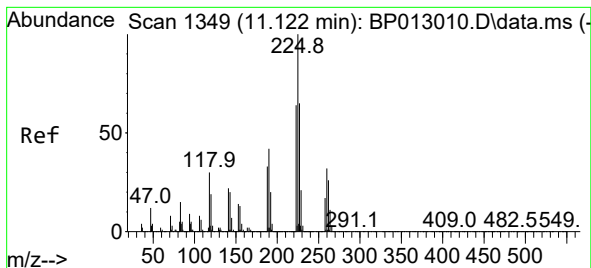
Tgt Ion:128 Resp: 6238474
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 17.819 ng/ul
RT: 10.946 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:127 Resp: 1336402
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4





#33

Hexachlorobutadiene

Concen: 35.005 ng/ul

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

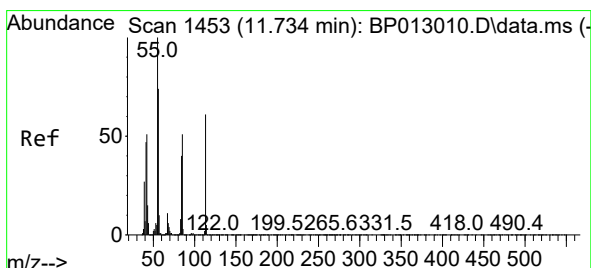
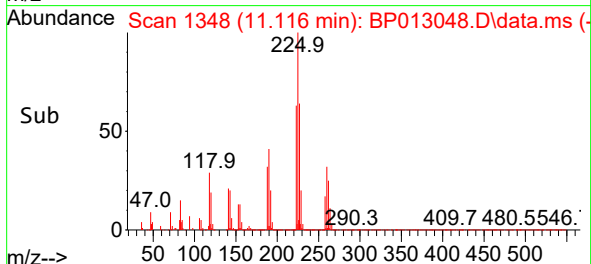
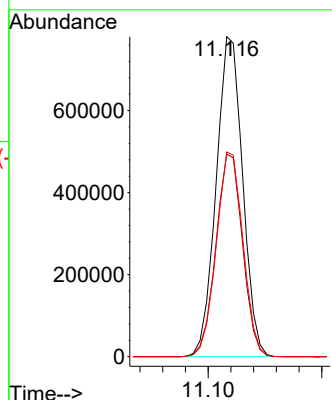
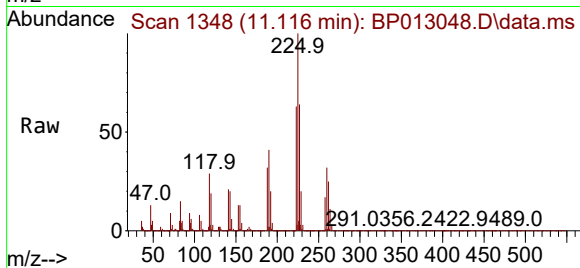
Tgt Ion:225 Resp: 1263915

Ion Ratio Lower Upper

225 100

223 63.3 49.2 73.8

227 64.0 50.2 75.2



#34

Caprolactam

Concen: 4.805 ng/ul

RT: 11.746 min Scan# 1455

Delta R.T. 0.018 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

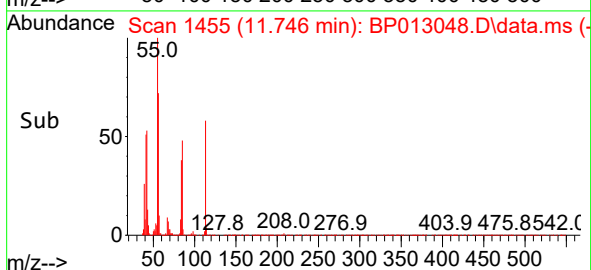
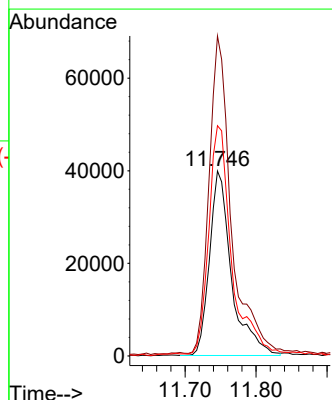
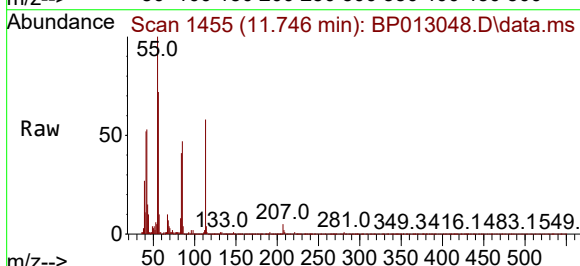
Tgt Ion:113 Resp: 86153

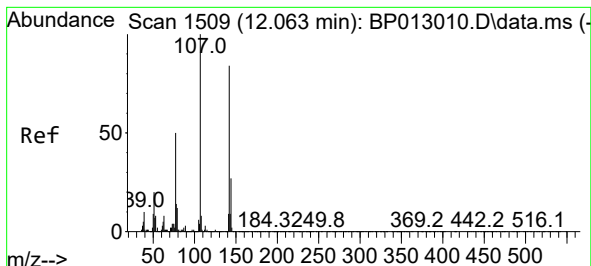
Ion Ratio Lower Upper

113 100

55 173.0 141.9 212.9

56 124.4 99.6 149.4

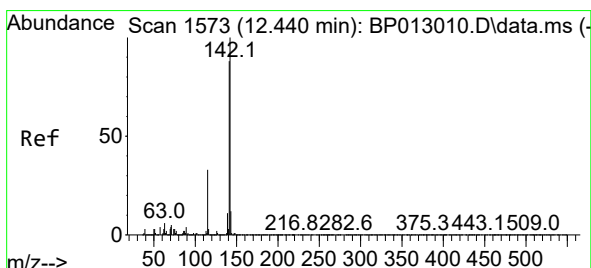
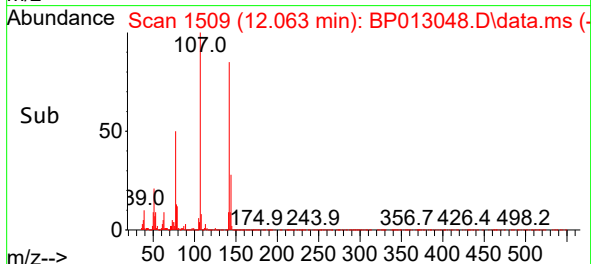
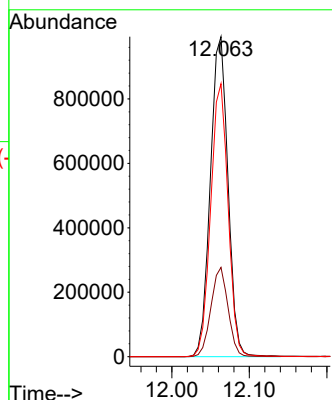
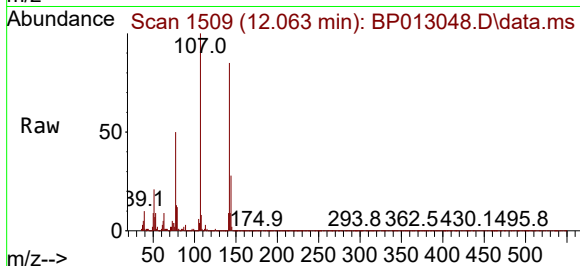




#35
4-Chloro-3-methylphenol
Concen: 29.215 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

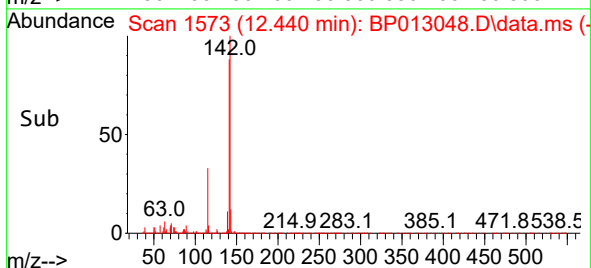
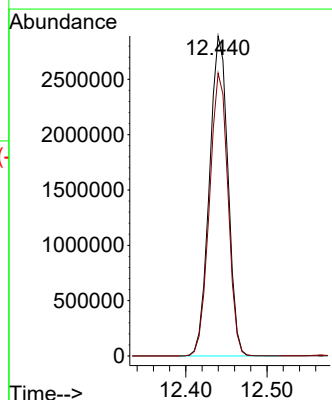
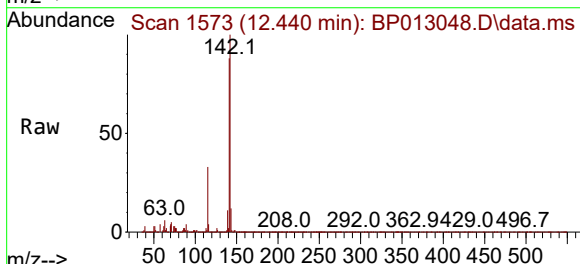
Instrument :
BNA_P
ClientSampleId :

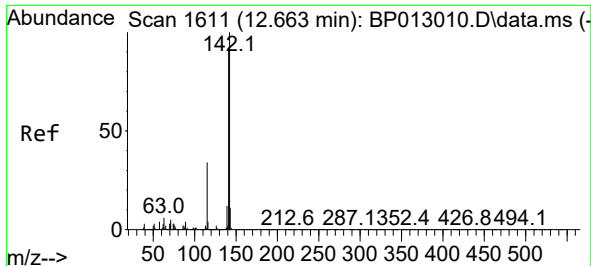
Tgt Ion:107 Resp: 1567834
Ion Ratio Lower Upper
107 100
144 27.9 21.4 32.2
142 85.3 65.8 98.6



#36
2-Methylnaphthalene
Concen: 38.257 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:142 Resp: 4586368
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2

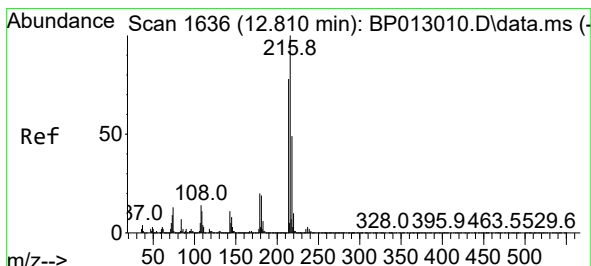
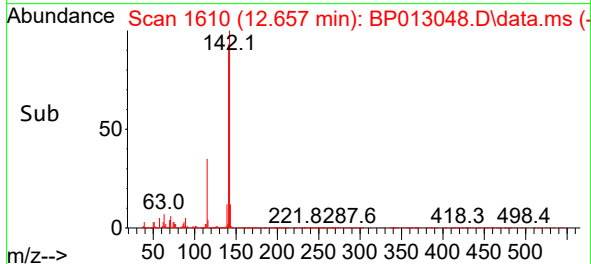
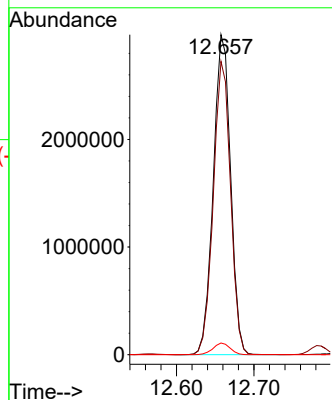
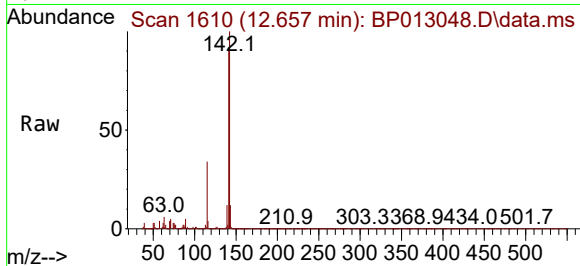




#37
1-Methylnaphthalene
Concen: 37.362 ng/ul
RT: 12.657 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

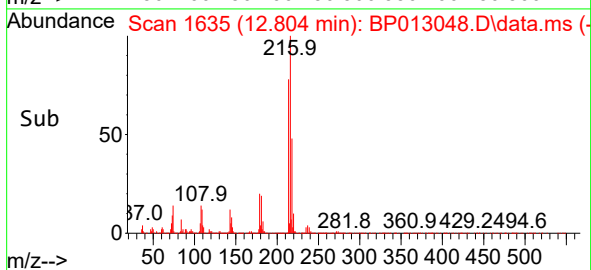
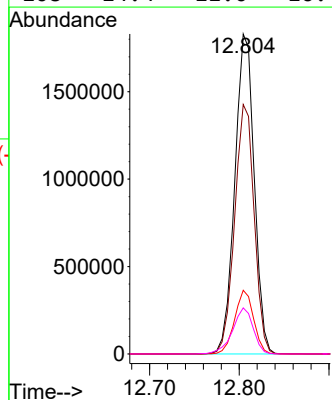
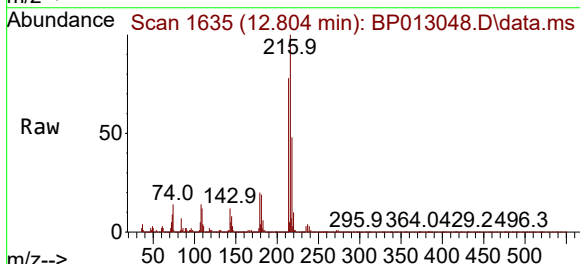
Instrument :
BNA_P
ClientSampleId :

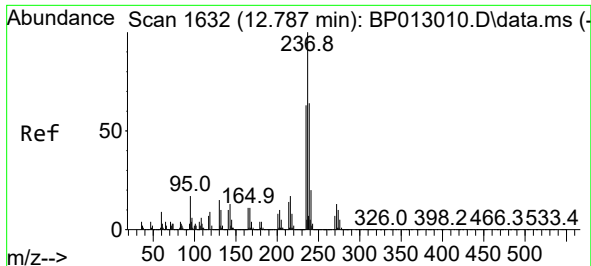
Tgt Ion:142 Resp: 4606212
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.570 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:216 Resp: 2750599
Ion Ratio Lower Upper
216 100
214 77.9 61.9 92.9
179 19.9 15.0 22.6
108 14.4 11.0 16.4

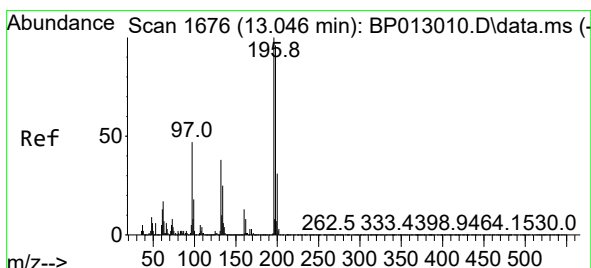
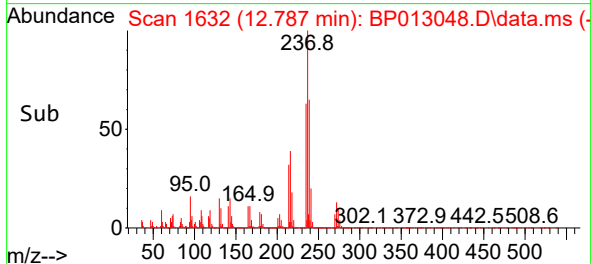
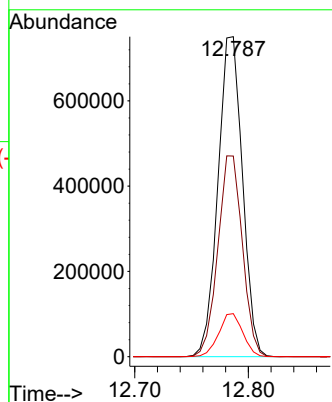
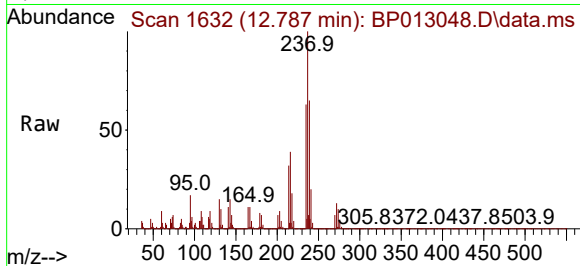




#40
Hexachlorocyclopentadiene
Concen: 24.285 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

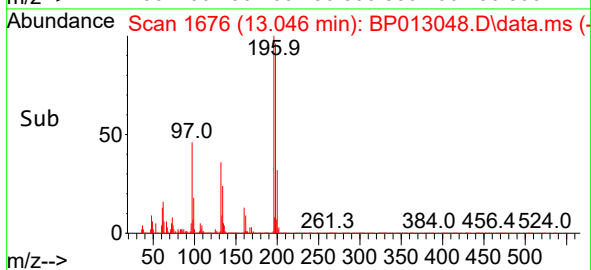
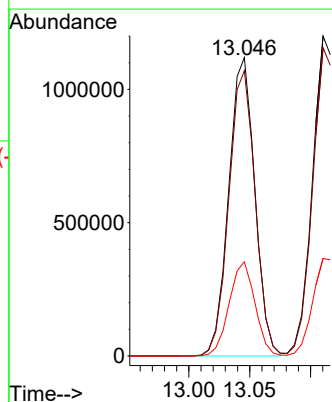
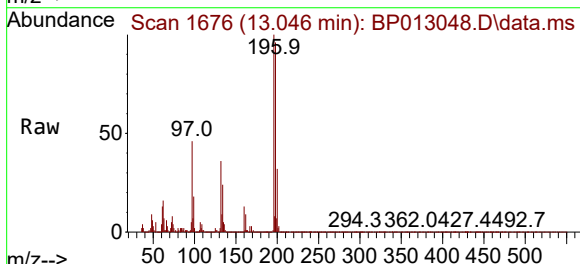
Instrument :
BNA_P
ClientSampleId :

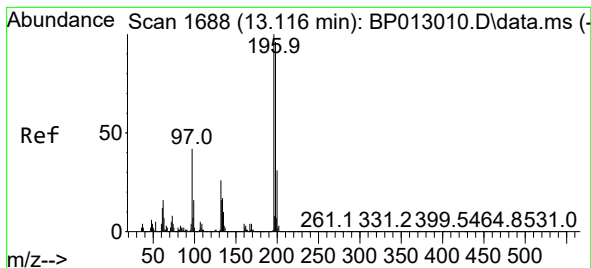
Tgt Ion:237 Resp: 1126993
Ion Ratio Lower Upper
237 100
235 62.7 49.7 74.5
272 13.5 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 36.360 ng/ul
RT: 13.046 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:196 Resp: 1666442
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.6
200 31.5 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 36.288 ng/ul

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

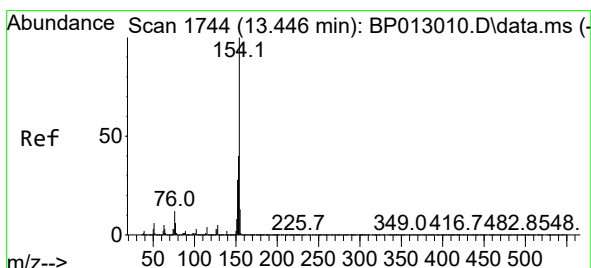
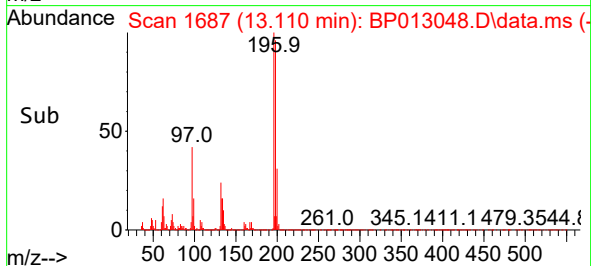
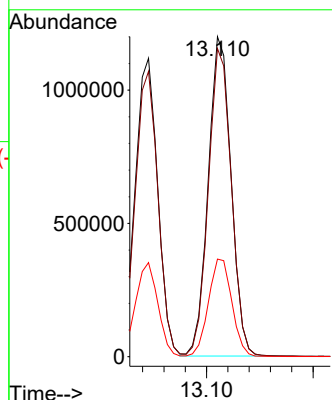
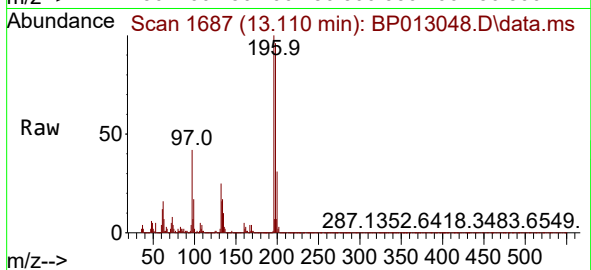
Tgt Ion:196 Resp: 1786465

Ion Ratio Lower Upper

196 100

198 96.3 77.1 115.7

200 30.5 25.4 38.2



#43

1,1'-Biphenyl

Concen: 37.126 ng/ul

RT: 13.446 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

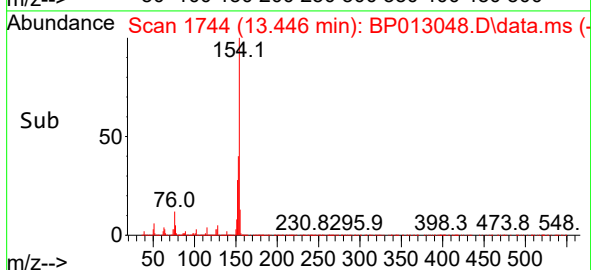
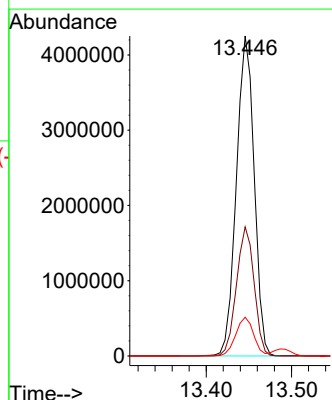
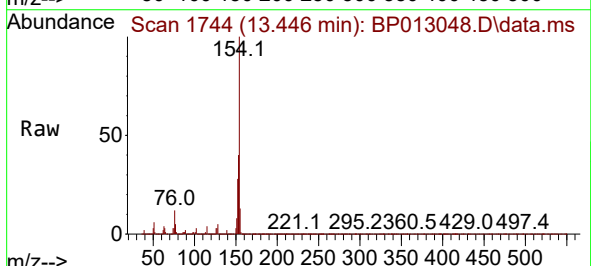
Tgt Ion:154 Resp: 6175261

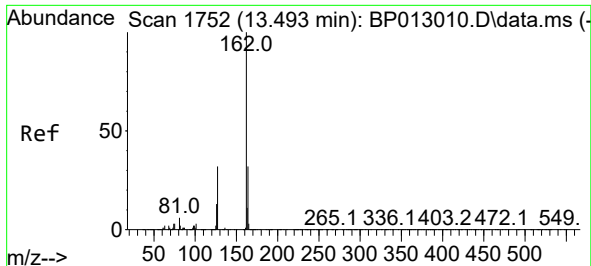
Ion Ratio Lower Upper

154 100

153 40.4 31.5 47.3

76 12.1 9.6 14.4

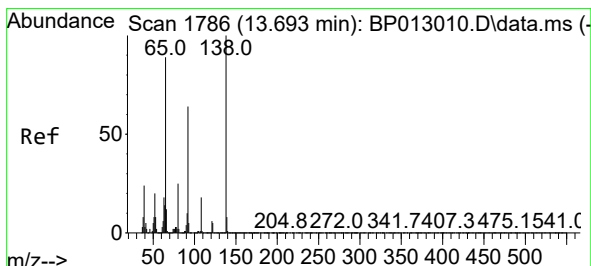
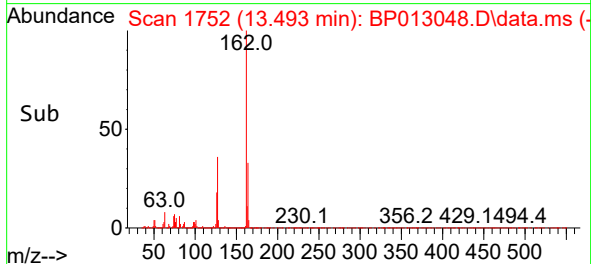
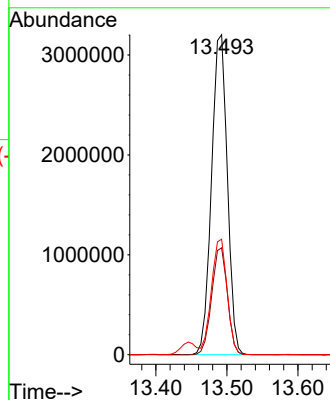
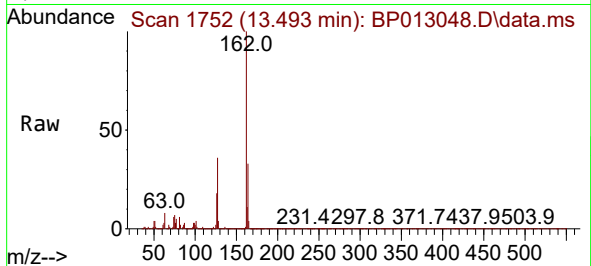




#44
2-Chloronaphthalene
Concen: 37.787 ng/ul
RT: 13.493 min Scan# 1752
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

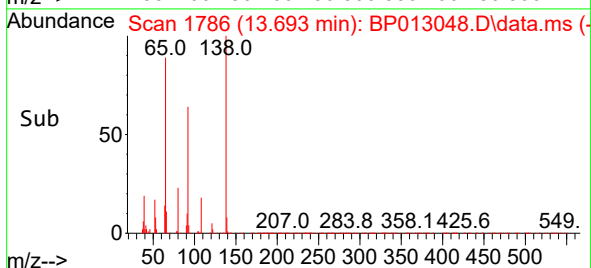
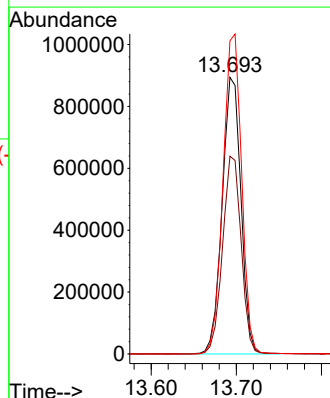
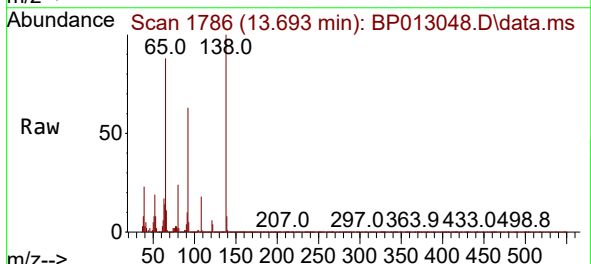
Instrument :
BNA_P
ClientSampleId :

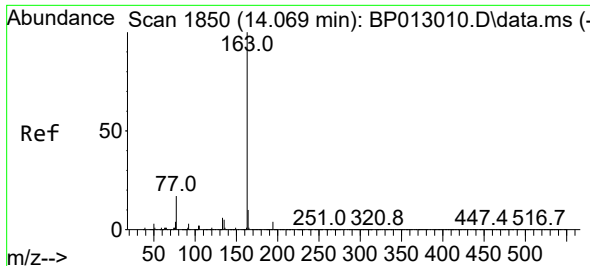
Tgt Ion:162 Resp: 4946743
Ion Ratio Lower Upper
162 100
164 33.4 26.3 39.5
127 36.1 29.3 43.9



#45
2-Nitroaniline
Concen: 43.207 ng/ul
RT: 13.693 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion: 65 Resp: 1371390
Ion Ratio Lower Upper
65 100
92 71.5 56.4 84.6
138 113.2 90.3 135.5

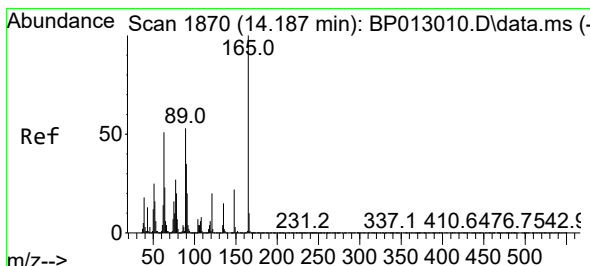
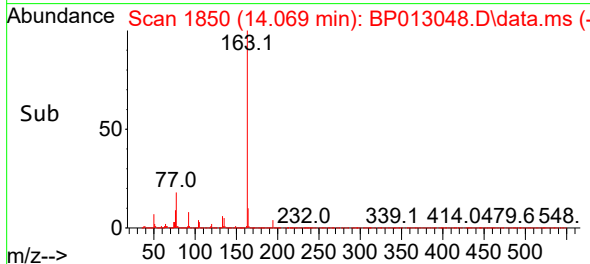
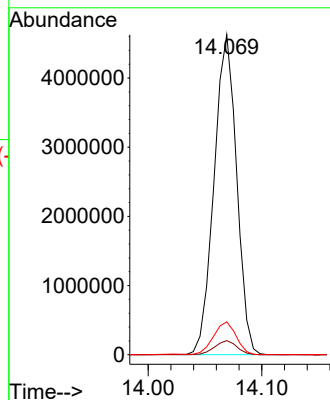
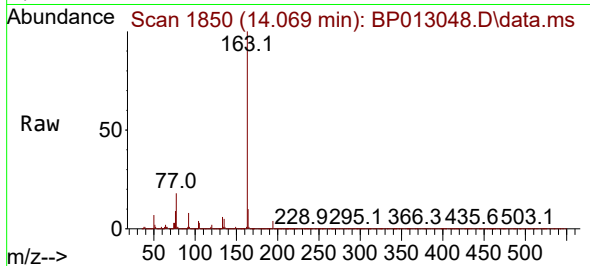




#47
Dimethylphthalate
Concen: 37.891 ng/ul
RT: 14.069 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

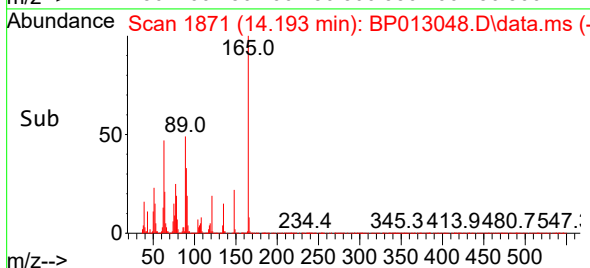
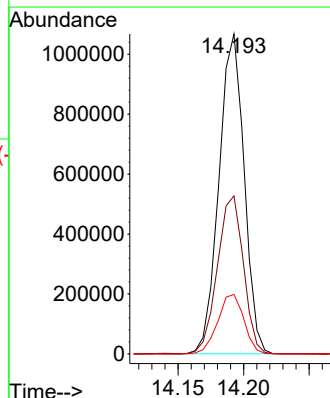
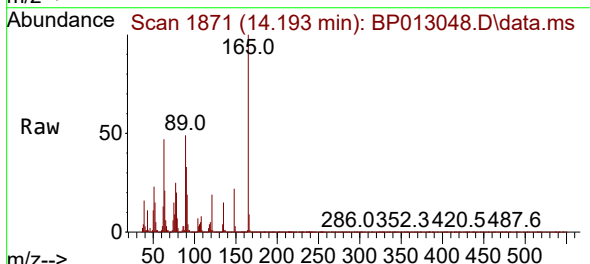
Instrument :
BNA_P
ClientSampleId :

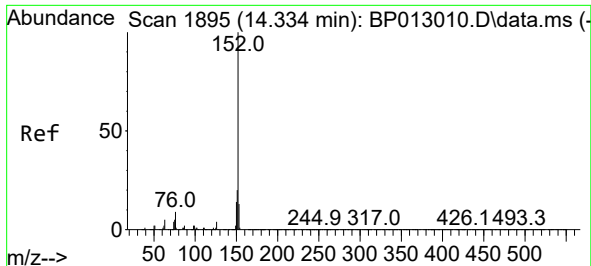
Tgt Ion:163 Resp: 6392307
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 45.394 ng/ul
RT: 14.193 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

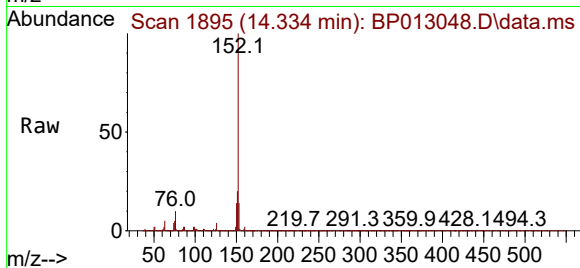
Tgt Ion:165 Resp: 1423177
Ion Ratio Lower Upper
165 100
89 49.4 43.0 64.4
121 18.6 16.1 24.1



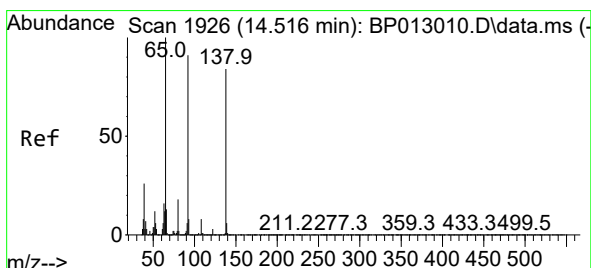
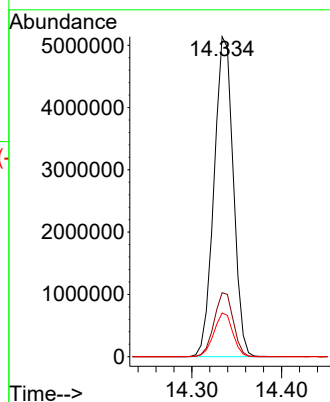
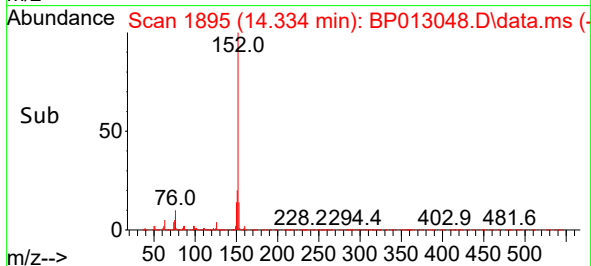


#50
Acenaphthylene
Concen: 37.994 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

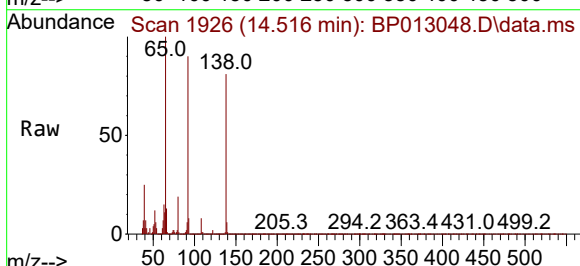
Instrument :
BNA_P
ClientSampleId :



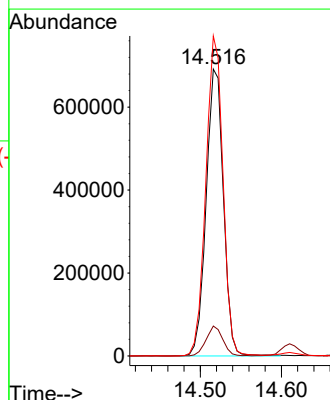
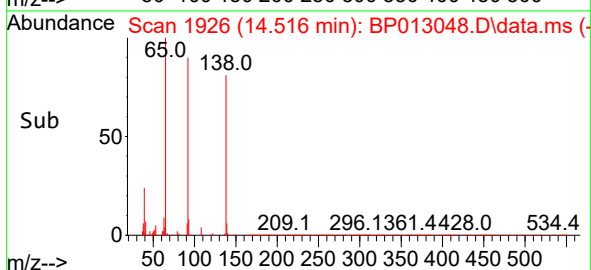
Tgt Ion:152 Resp: 7639664
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.7 10.6 16.0

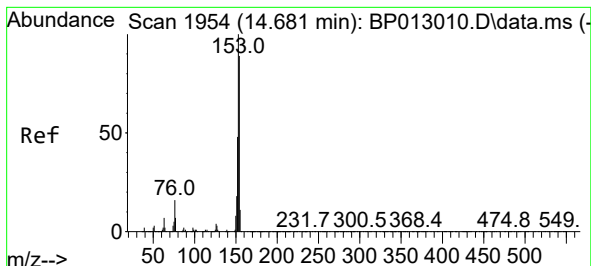


#51
3-Nitroaniline
Concen: 34.468 ng/ul
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52



Tgt Ion:138 Resp: 1020392
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 111.5 88.4 132.6





#52

Acenaphthene

Concen: 38.344 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

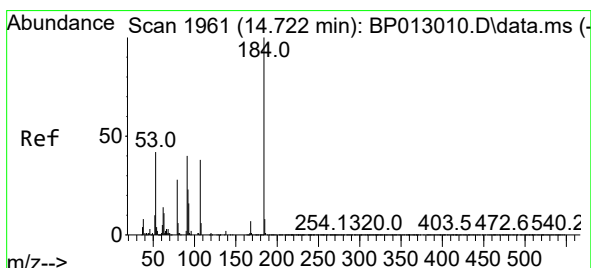
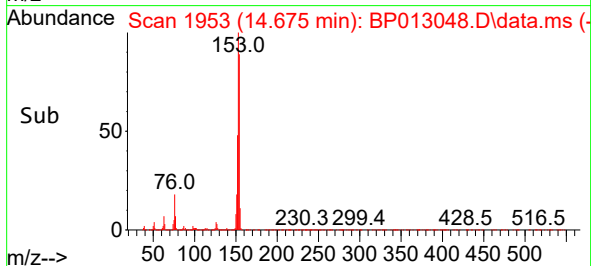
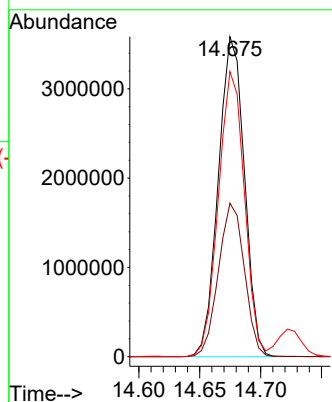
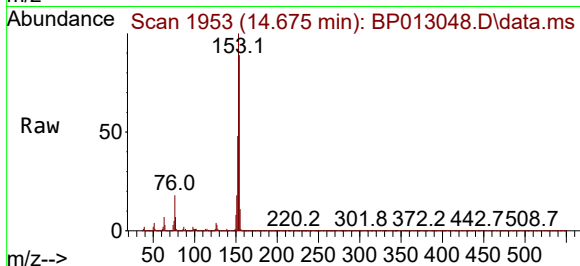
Tgt Ion:153 Resp: 5342936

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.4

154 89.1 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 35.578 ng/ul

RT: 14.722 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

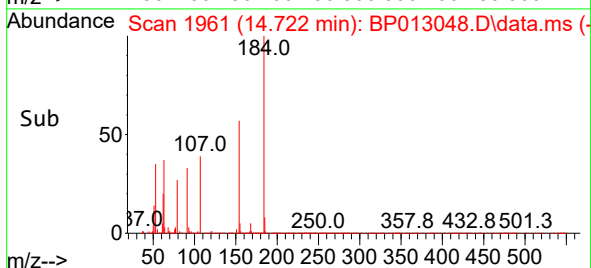
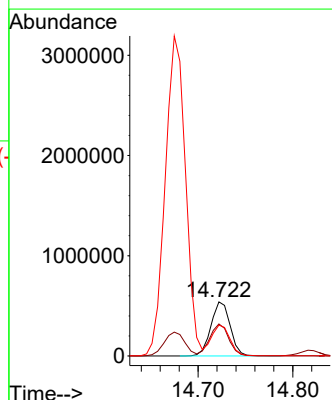
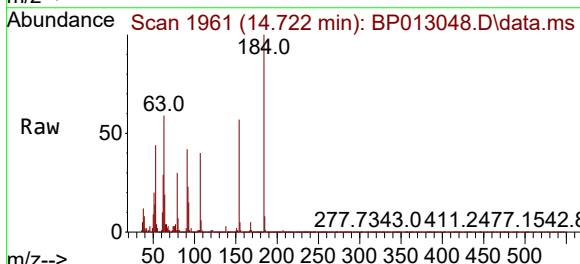
Tgt Ion:184 Resp: 762457

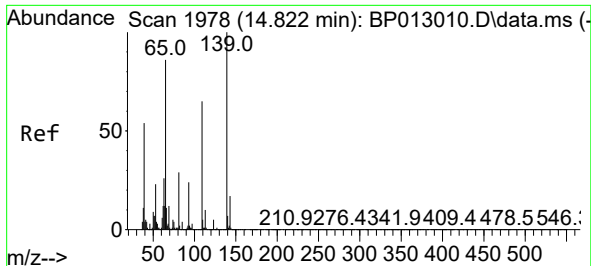
Ion Ratio Lower Upper

184 100

63 59.1 48.4 72.6

154 57.0 45.5 68.3

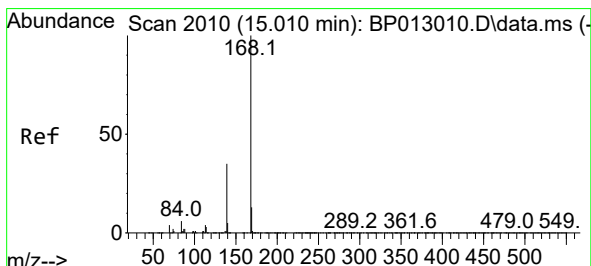
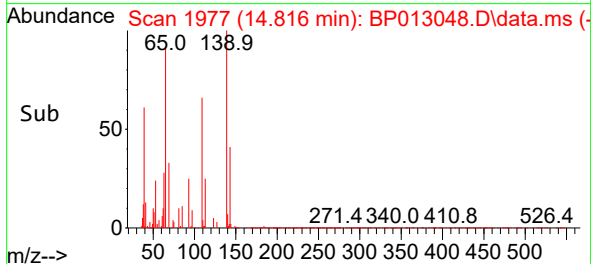
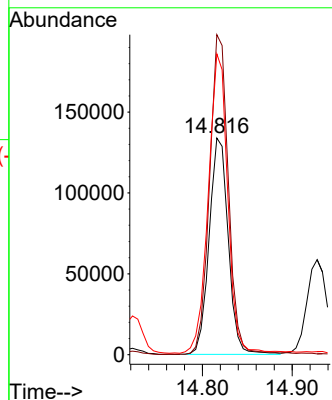
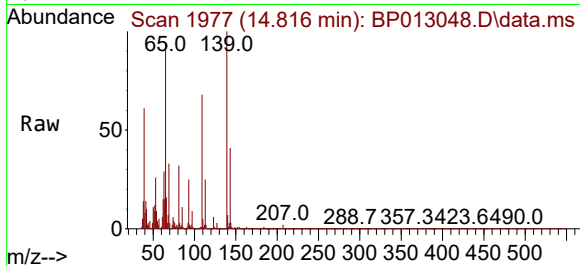




#55
4-Nitrophenol
Concen: 9.460 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

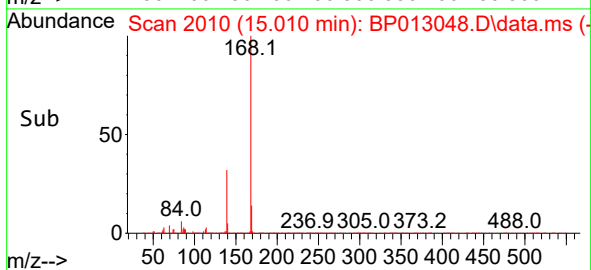
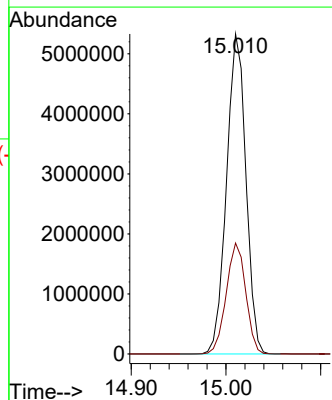
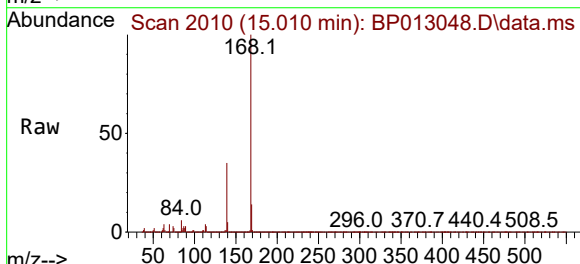
Instrument :
BNA_P
ClientSampleId :

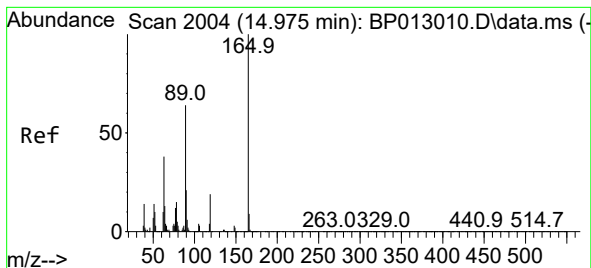
Tgt Ion:109 Resp: 197627
Ion Ratio Lower Upper
109 100
139 147.7 120.8 181.2
65 138.8 107.9 161.9



#56
Dibenzofuran
Concen: 38.254 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:168 Resp: 7578596
Ion Ratio Lower Upper
168 100
139 34.7 27.9 41.9

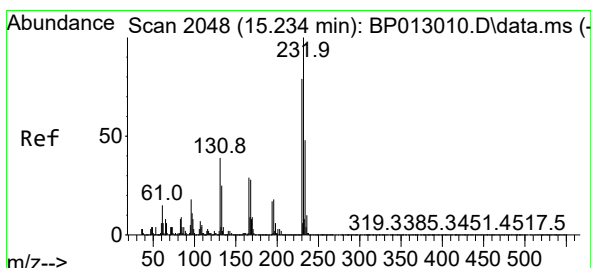
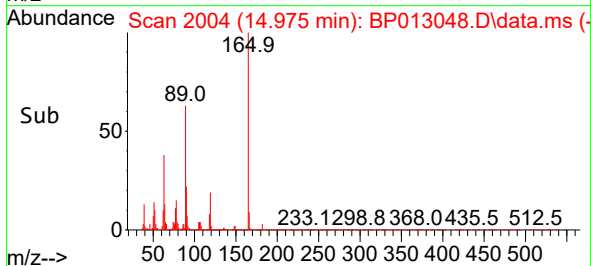
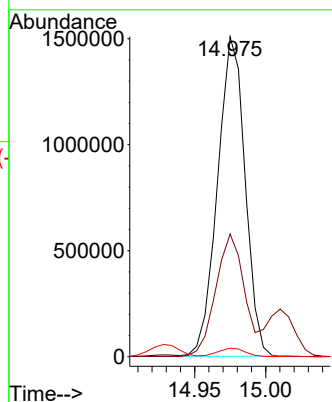
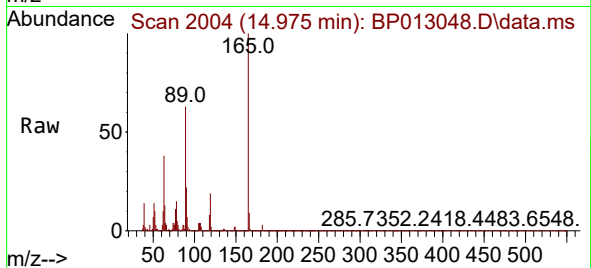




#57
2,4-Dinitrotoluene
Concen: 44.565 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

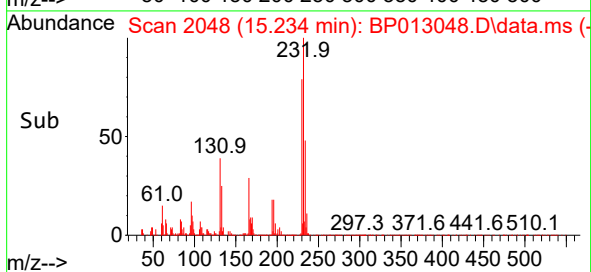
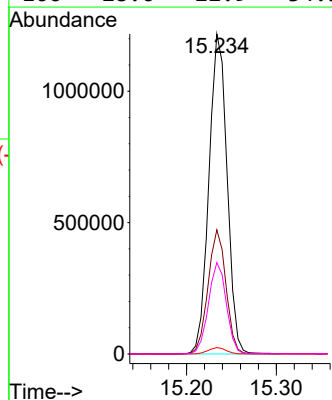
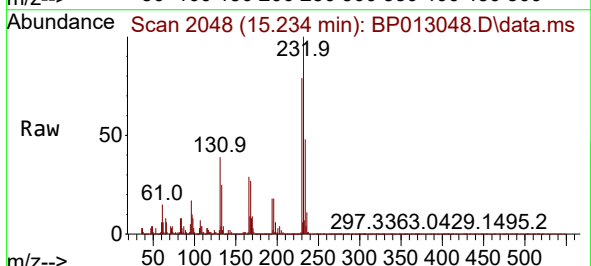
Instrument :
BNA_P
ClientSampleId :

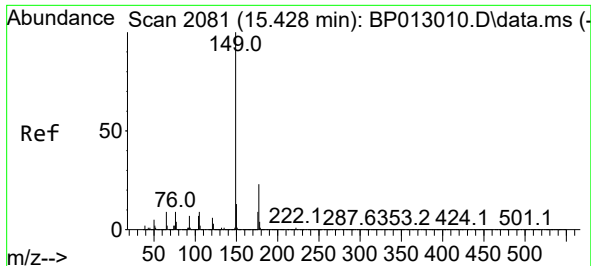
Tgt Ion:165 Resp: 2029529
Ion Ratio Lower Upper
165 100
63 38.3 31.8 47.6
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 38.020 ng/ul
RT: 15.234 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:232 Resp: 1708121
Ion Ratio Lower Upper
232 100
131 38.8 31.8 47.6
130 2.0 1.8 2.6
166 28.6 22.9 34.3

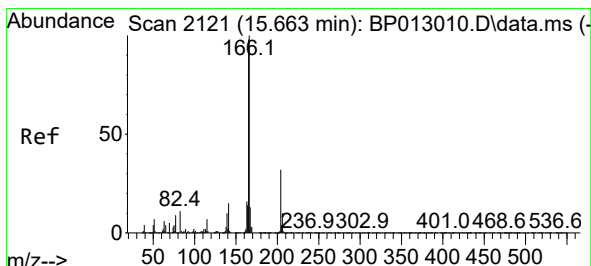
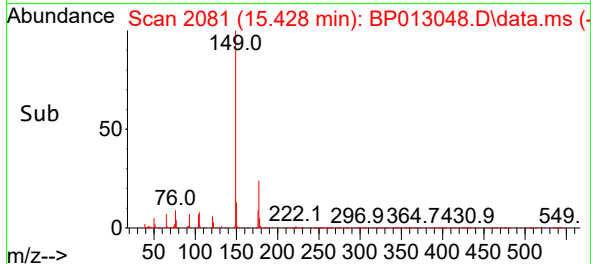
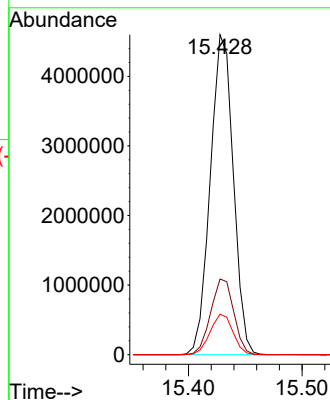
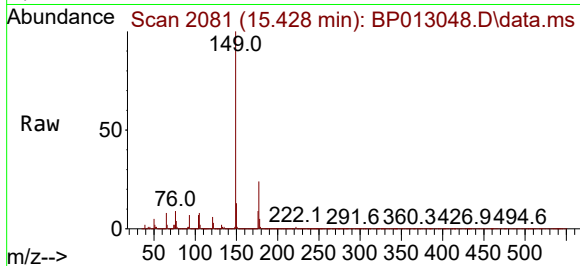




#59
Diethylphthalate
Concen: 39.525 ng/ul
RT: 15.428 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

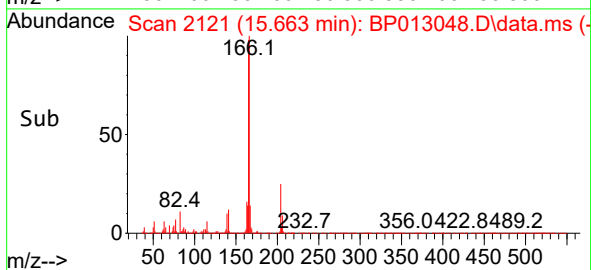
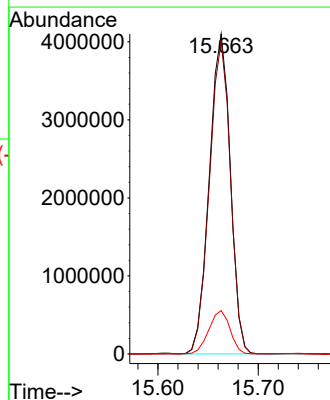
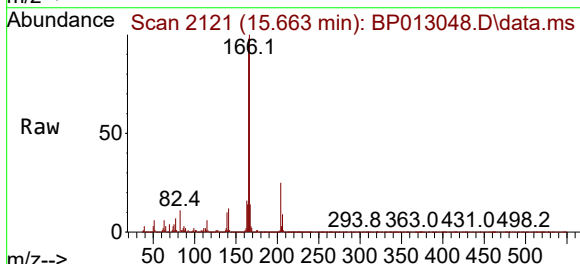
Instrument :
BNA_P
ClientSampleId :

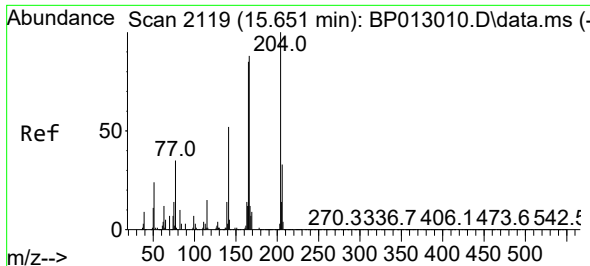
Tgt Ion:149 Resp: 6481895
Ion Ratio Lower Upper
149 100
177 23.7 18.4 27.6
150 12.7 9.9 14.9



#61
Fluorene
Concen: 37.646 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:166 Resp: 5981315
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.2
167 13.6 10.6 16.0

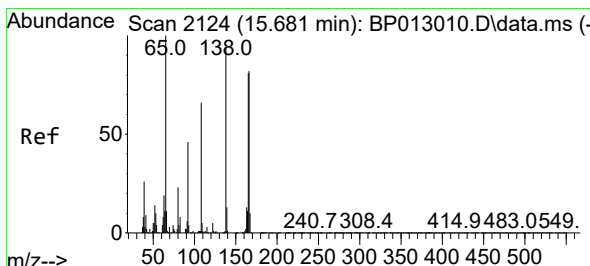
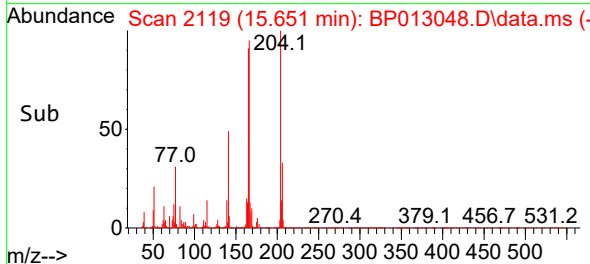
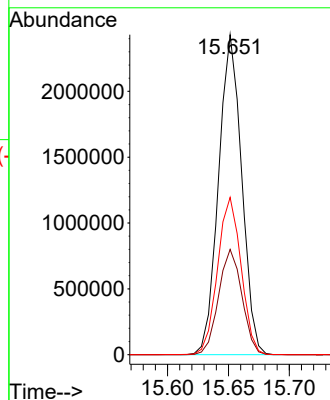
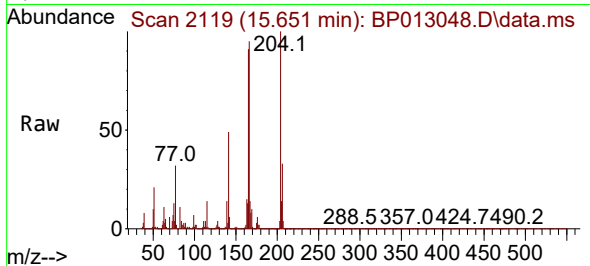




#62
4-Chlorophenyl-phenylether
Concen: 38.224 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

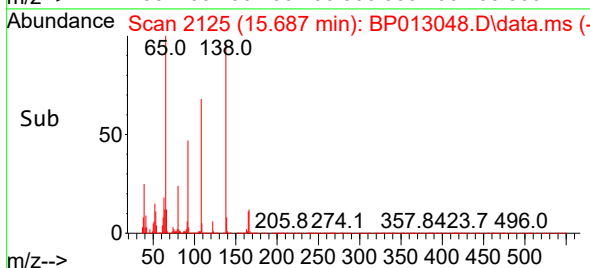
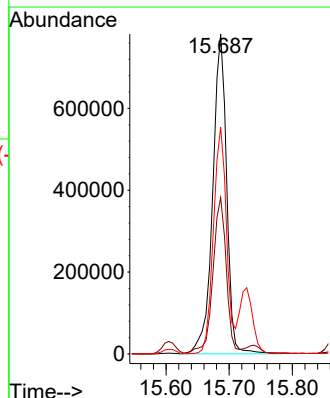
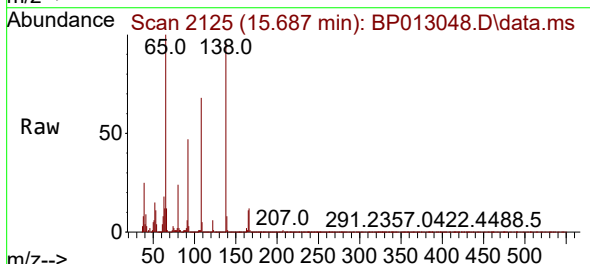
Instrument :
BNA_P
ClientSampleId :

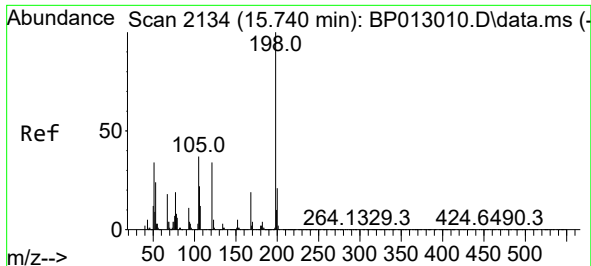
Tgt Ion:204 Resp: 3211661
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 49.1 40.4 60.6



#63
4-Nitroaniline
Concen: 45.925 ng/ul
RT: 15.687 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:138 Resp: 1196342
Ion Ratio Lower Upper
138 100
92 48.9 39.0 58.4
108 70.9 55.1 82.7

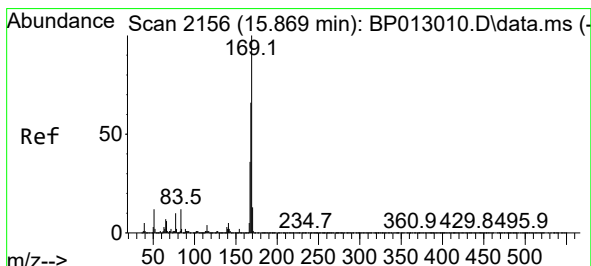
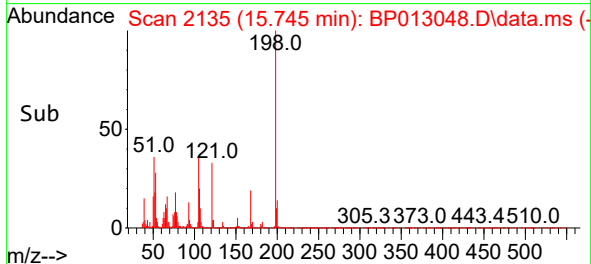
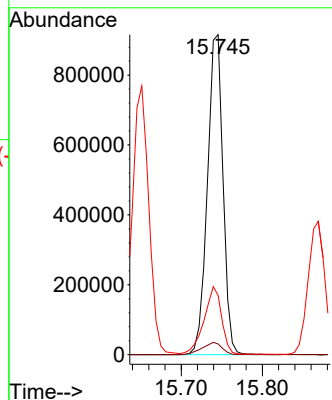
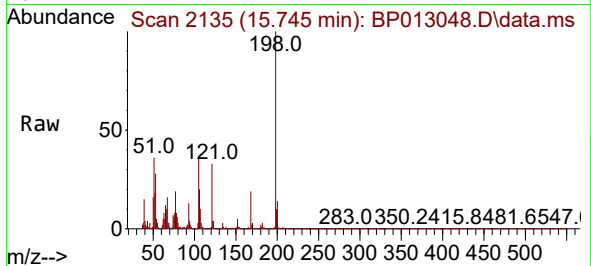




#66
4,6-Dinitro-2-methylphenol
Concen: 38.217 ng/ul
RT: 15.745 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

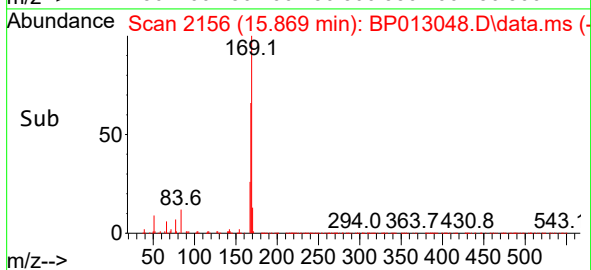
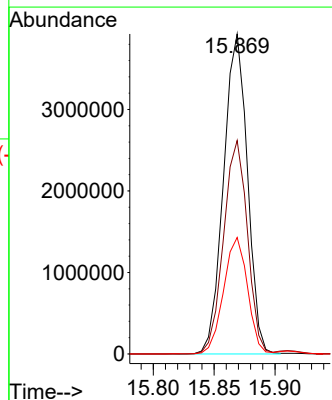
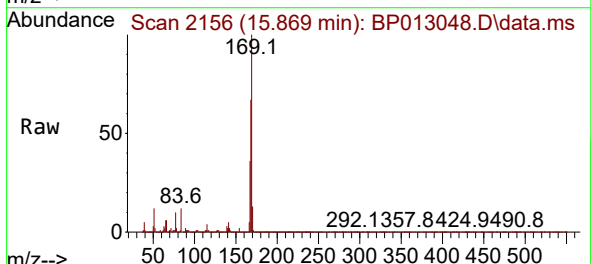
Instrument :
BNA_P
ClientSampleId :

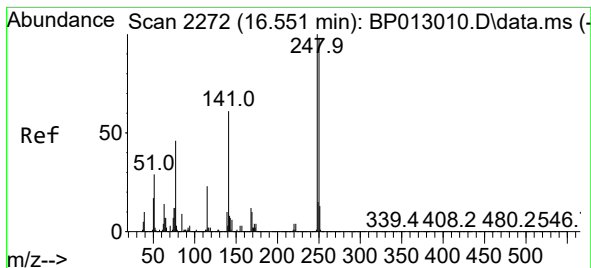
Tgt Ion:198 Resp: 1218890
Ion Ratio Lower Upper
198 100
182 3.4 3.3 4.9
77 18.6 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 38.089 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:169 Resp: 5355503
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.4 29.1 43.7

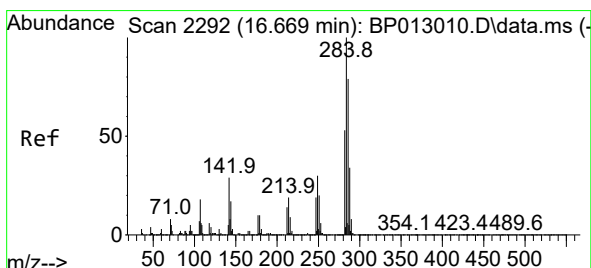
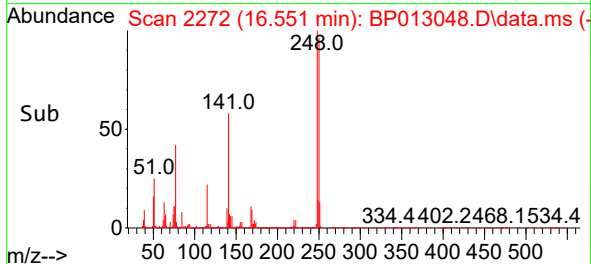
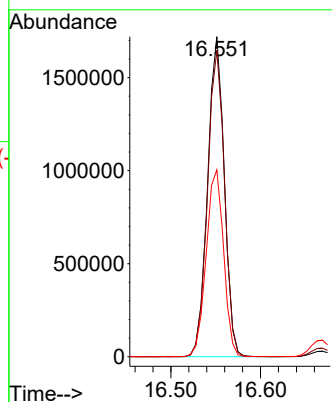
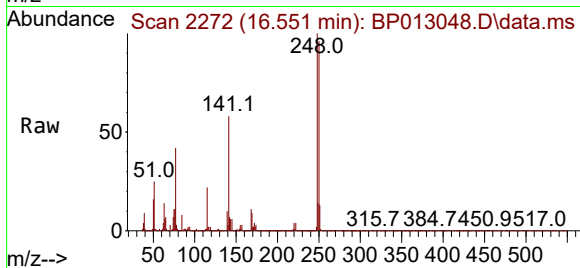




#68
4-Bromophenyl-phenylether
Concen: 40.342 ng/ul
RT: 16.551 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

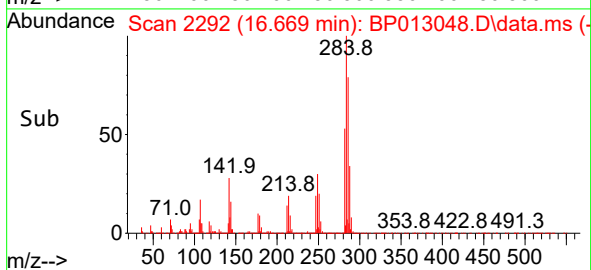
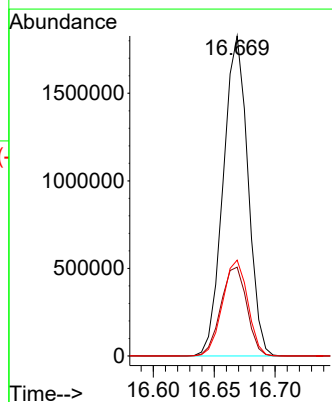
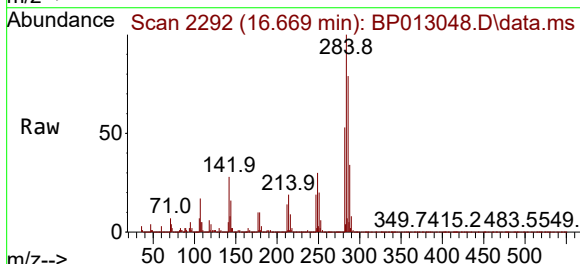
Instrument :
BNA_P
ClientSampleId :

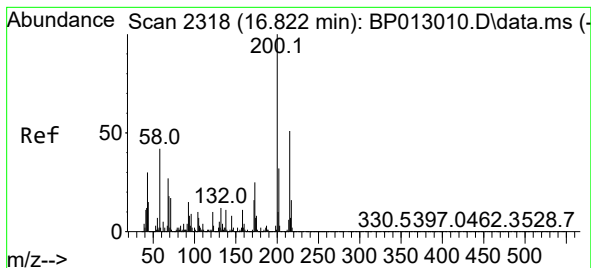
Tgt Ion:248 Resp: 2221925
Ion Ratio Lower Upper
248 100
250 95.8 77.4 116.0
141 58.4 48.3 72.5



#69
Hexachlorobenzene
Concen: 39.388 ng/ul
RT: 16.669 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:284 Resp: 2575877
Ion Ratio Lower Upper
284 100
142 27.8 22.6 34.0
249 30.0 24.6 37.0





#70

Atrazine

Concen: 24.736 ng/ul

RT: 16.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

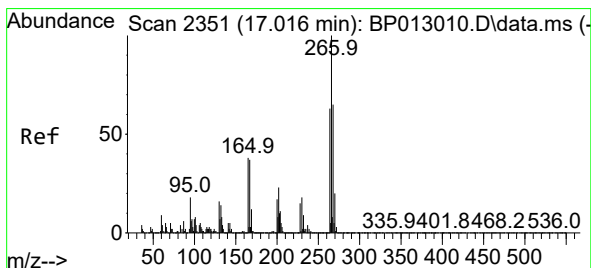
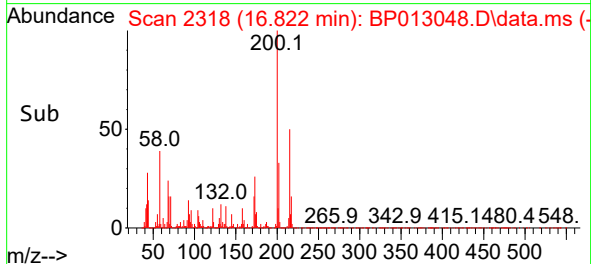
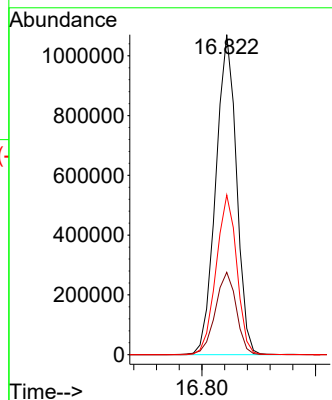
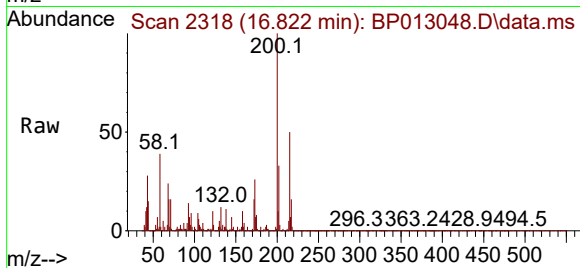
Tgt Ion:200 Resp: 1355372

Ion Ratio Lower Upper

200 100

173 25.8 20.5 30.7

215 49.9 39.9 59.9



#71

Pentachlorophenol

Concen: 36.065 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

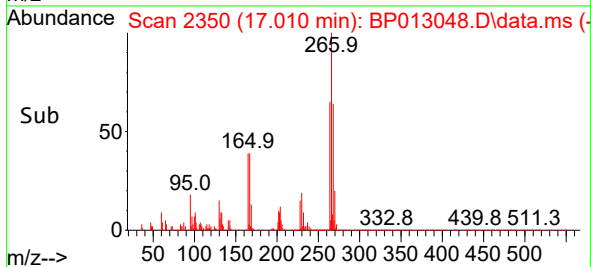
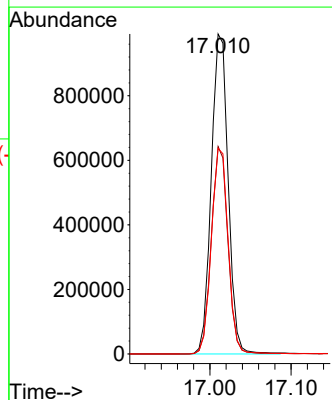
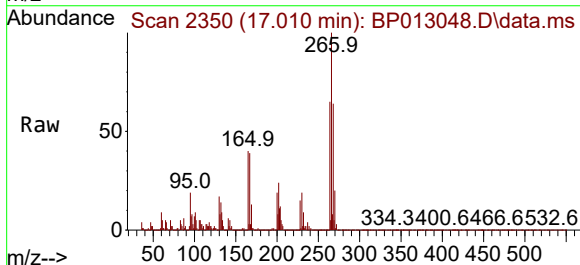
Tgt Ion:266 Resp: 1428323

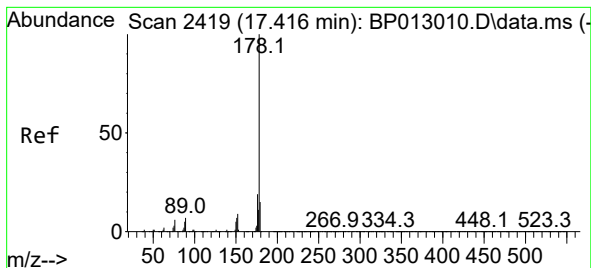
Ion Ratio Lower Upper

266 100

264 64.8 50.9 76.3

268 64.3 51.4 77.2





#72

Phenanthrene

Concen: 38.663 ng/ul

RT: 17.410 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

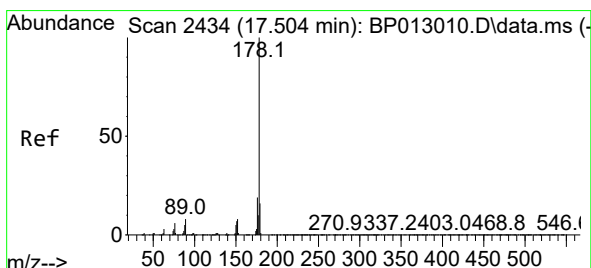
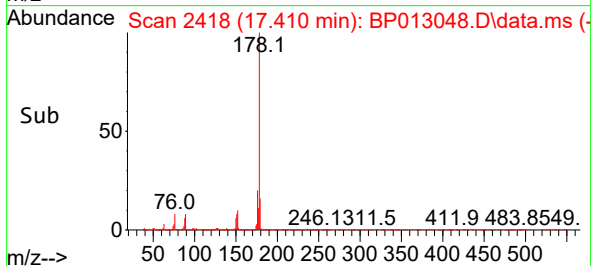
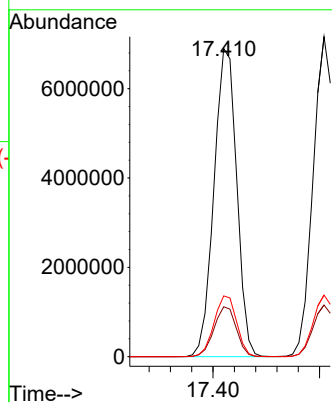
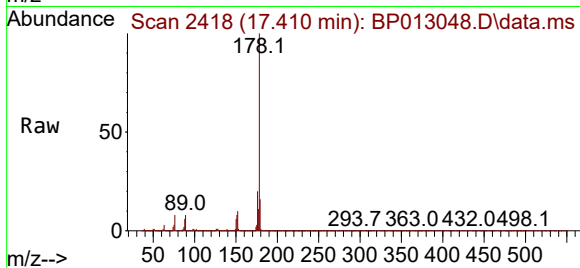
Tgt Ion:178 Resp:10213198

Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 19.7 15.4 23.0



#74

Anthracene

Concen: 38.738 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

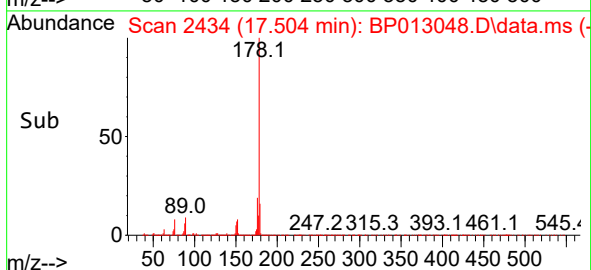
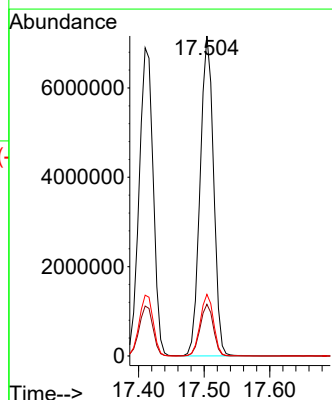
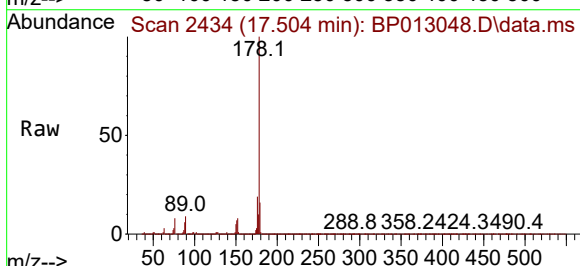
Tgt Ion:178 Resp:10217650

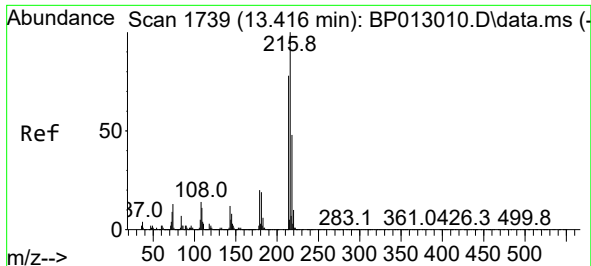
Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 19.3 14.8 22.2

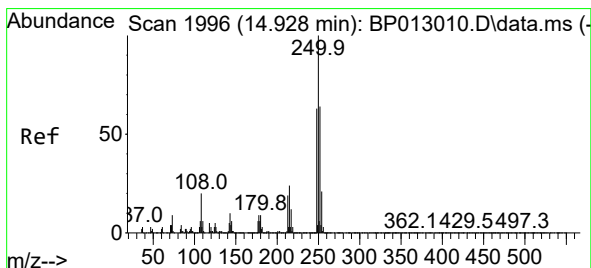
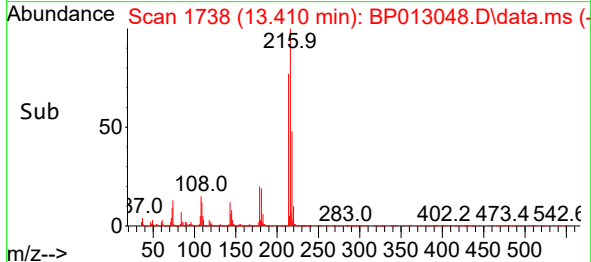
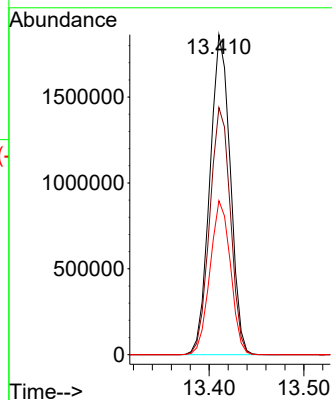
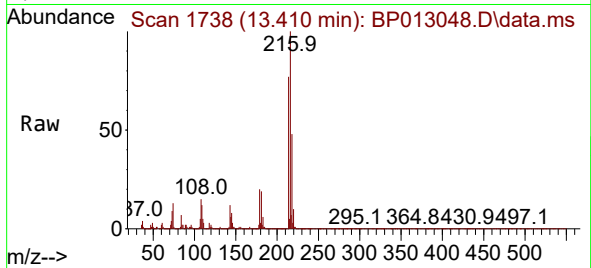




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.560 ng/uL
RT: 13.410 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

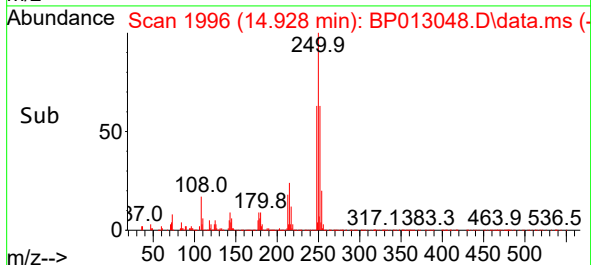
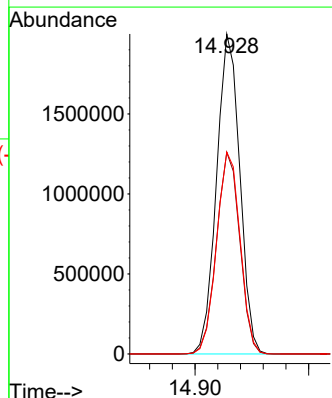
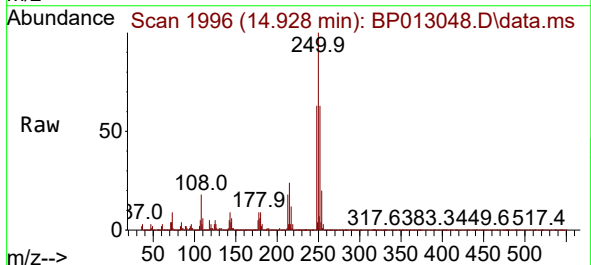
Instrument :
BNA_P
ClientSampleId :

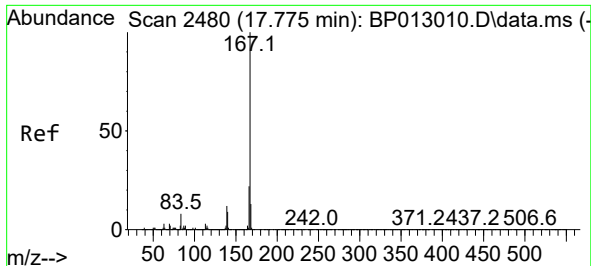
Tgt Ion:216 Resp: 2790098
Ion Ratio Lower Upper
216 100
214 77.2 62.2 93.2
218 48.1 38.9 58.3



#76
Pentachlorobenzene
Concen: 38.509 ng/uL
RT: 14.928 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:250 Resp: 2840894
Ion Ratio Lower Upper
250 100
248 63.0 50.6 76.0
252 63.1 51.1 76.7

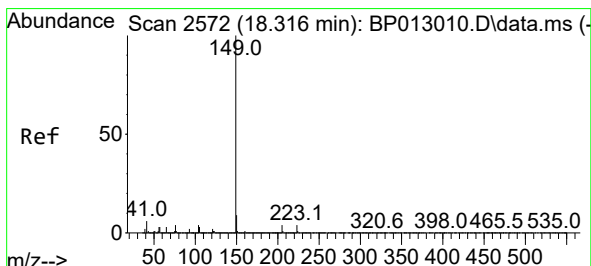
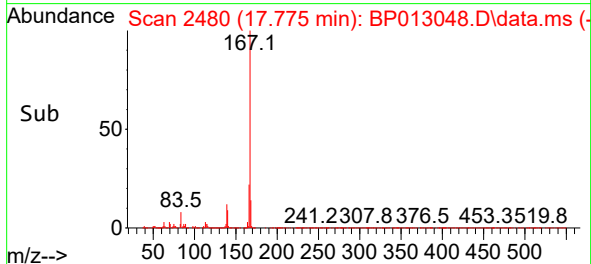
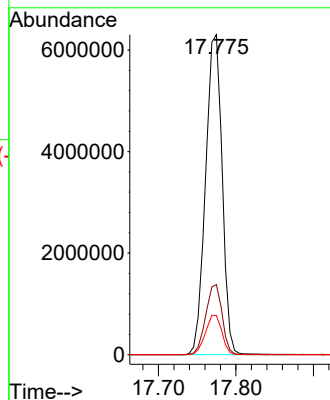
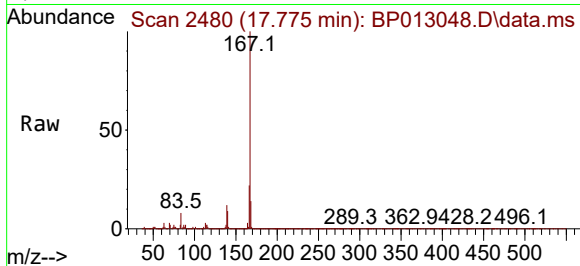




#77
 Carbazole
 Concen: 42.208 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.006 min
 Lab File: BP013048.D
 Acq: 10 Dec 2022 19:52

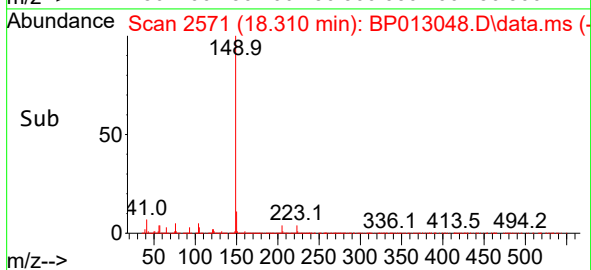
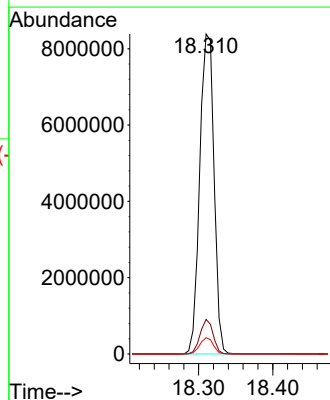
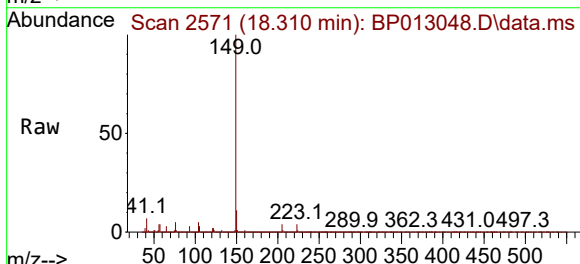
Instrument :
 BNA_P
 ClientSampleId :

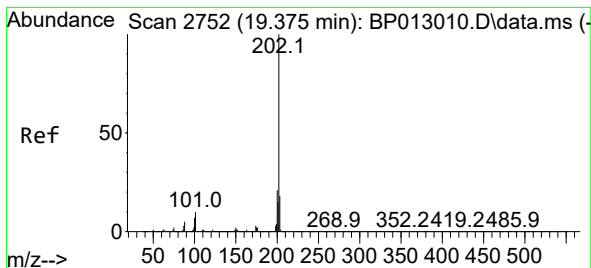
Tgt Ion:167 Resp: 9375699
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.2 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 41.525 ng/ul
 RT: 18.310 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BP013048.D
 Acq: 10 Dec 2022 19:52

Tgt Ion:149 Resp:11230903
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.5 11.3
 104 5.1 3.8 5.6





#80

Fluoranthene

Concen: 41.081 ng/ul

RT: 19.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

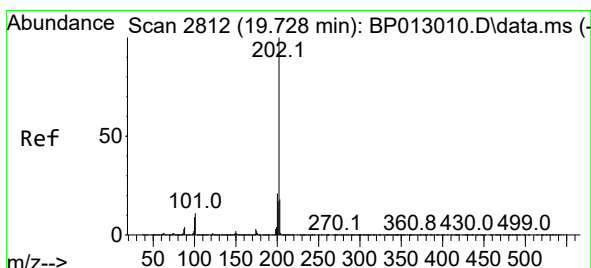
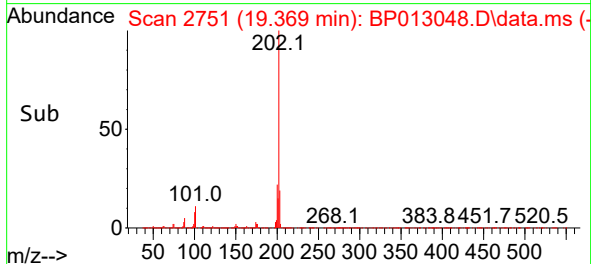
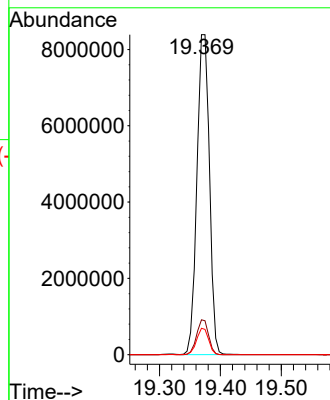
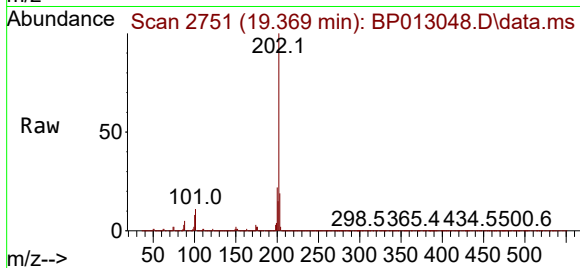
Tgt Ion:202 Resp:11955175

Ion Ratio Lower Upper

202 100

101 10.9 8.2 12.2

100 8.3 6.1 9.1



#82

Pyrene

Concen: 39.954 ng/ul

RT: 19.728 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

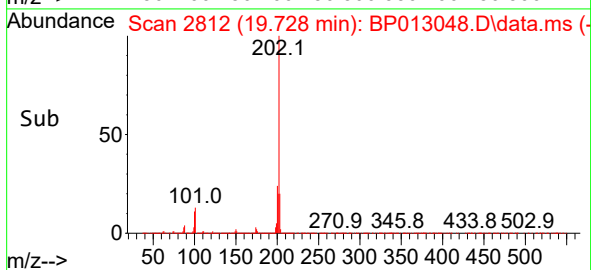
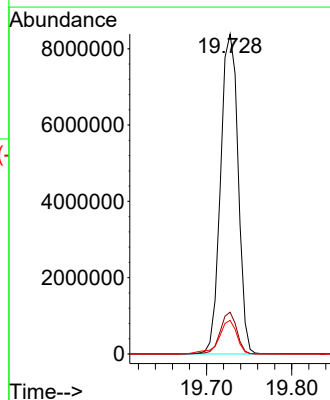
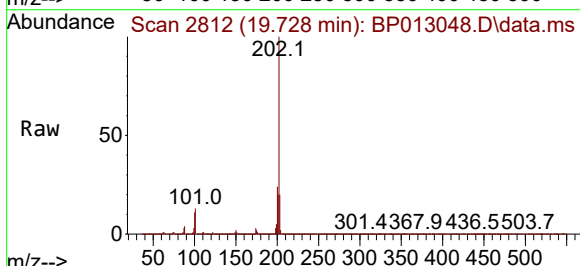
Tgt Ion:202 Resp:11993771

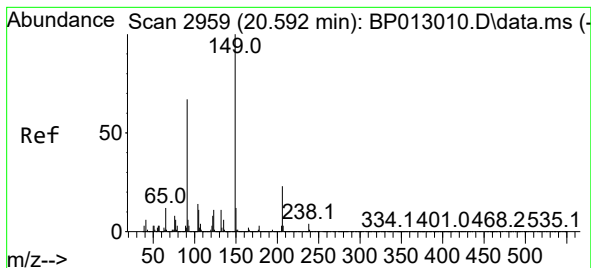
Ion Ratio Lower Upper

202 100

101 13.1 9.4 14.2

100 10.5 7.8 11.8





#83

Butylbenzylphthalate

Concen: 45.807 ng/ul

RT: 20.592 min Scan# 2959

Delta R.T. 0.006 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

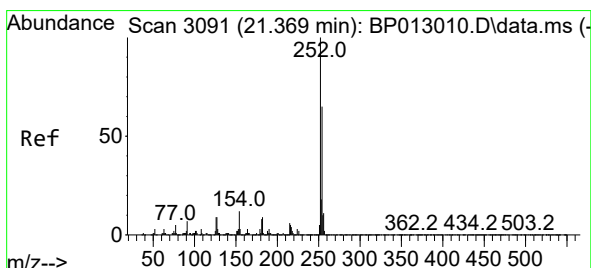
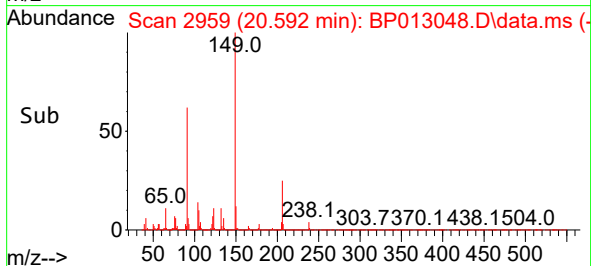
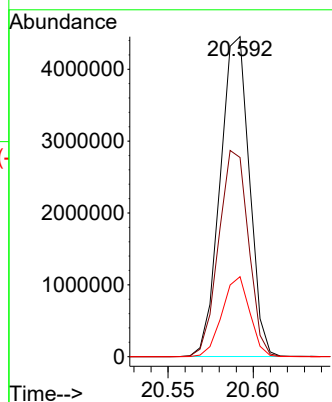
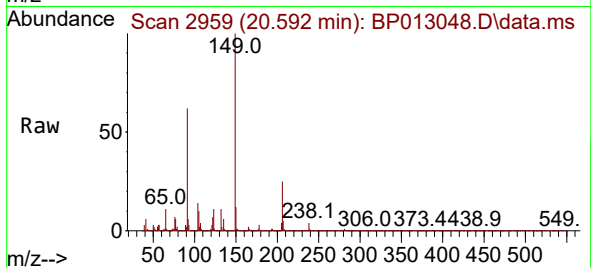
Tgt Ion:149 Resp: 5312285

Ion Ratio Lower Upper

149 100

91 62.3 53.4 80.0

206 25.0 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 34.576 ng/ul

RT: 21.369 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

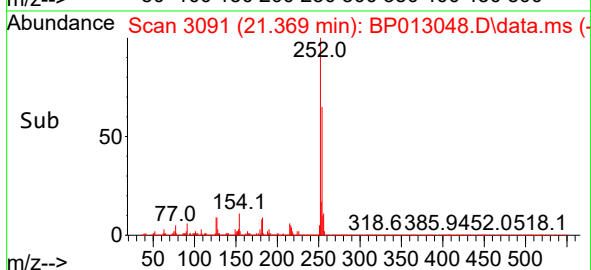
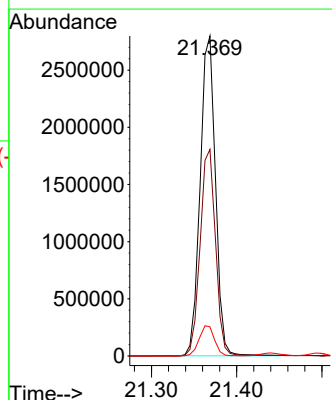
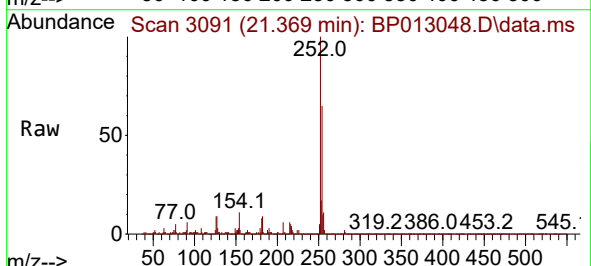
Tgt Ion:252 Resp: 3489129

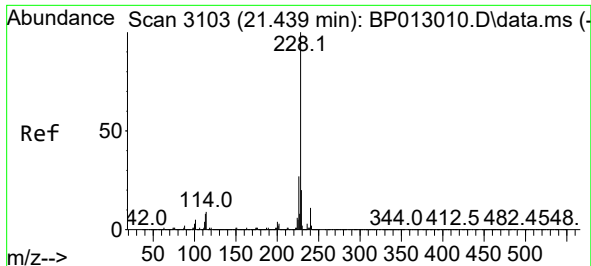
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.8

126 9.1 7.4 11.2

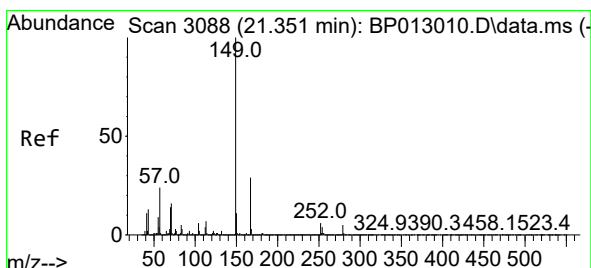
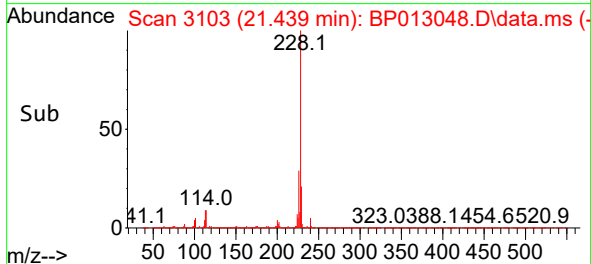
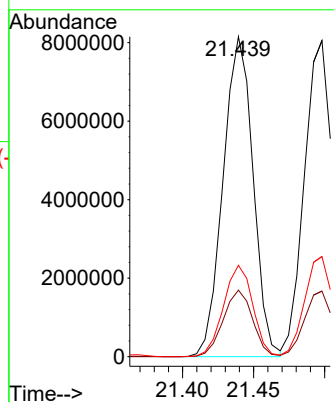
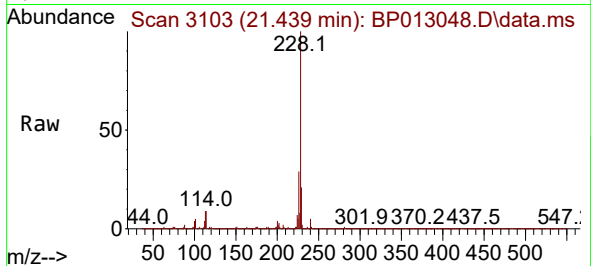




#85
Benzo(a)anthracene
Concen: 40.347 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

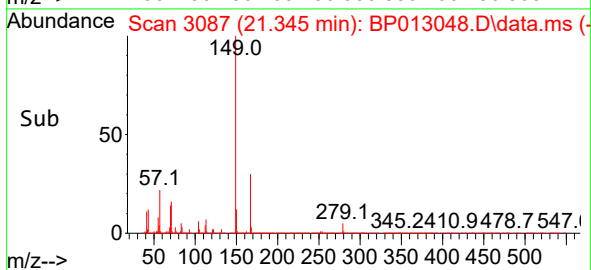
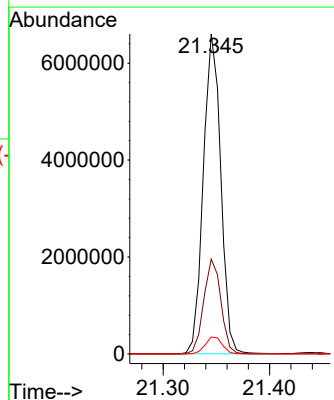
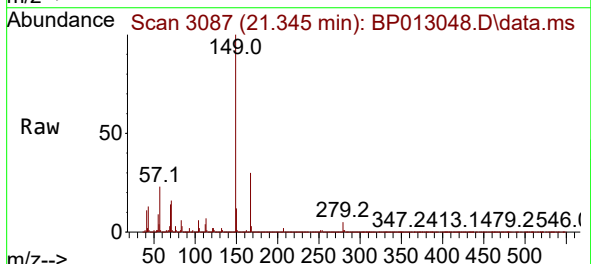
Instrument :
BNA_P
ClientSampleId :

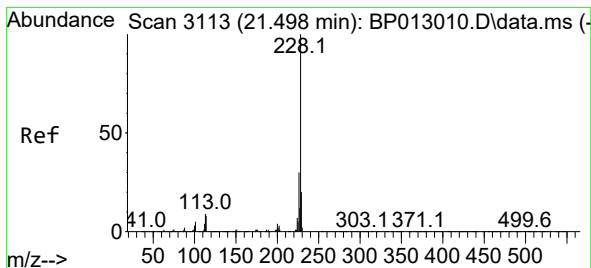
Tgt Ion:228 Resp:11964365
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 28.6 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 46.067 ng/ul
RT: 21.345 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:149 Resp: 7536031
Ion Ratio Lower Upper
149 100
167 29.6 22.5 33.7
279 5.3 3.8 5.8





#87

Chrysene

Concen: 39.367 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

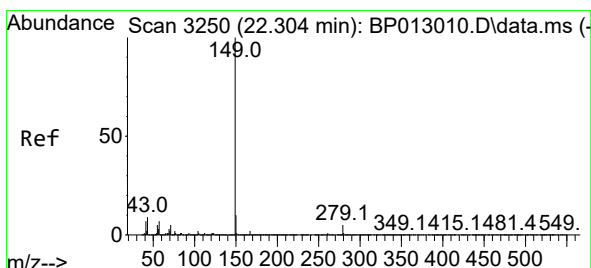
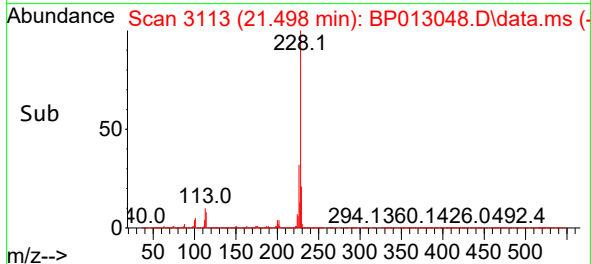
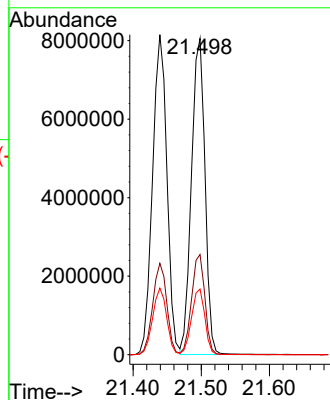
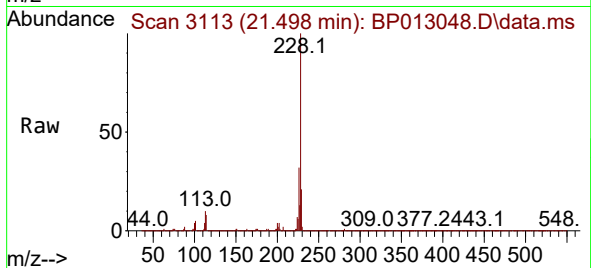
Tgt Ion:228 Resp:11039684

Ion Ratio Lower Upper

228 100

226 31.7 24.5 36.7

229 20.7 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 51.711 ng/ul

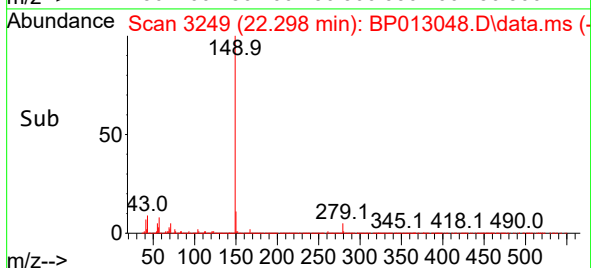
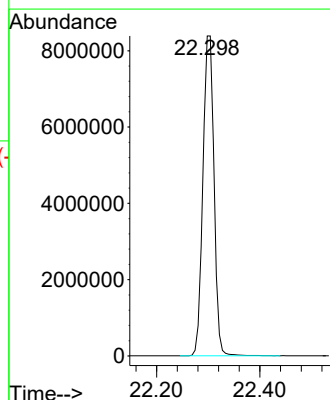
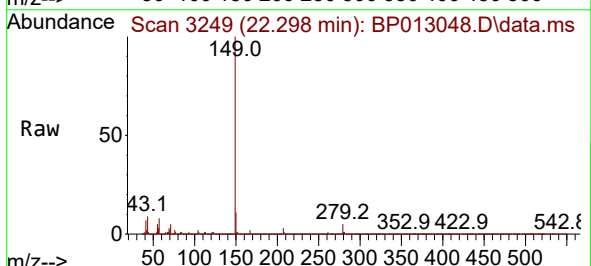
RT: 22.298 min Scan# 3249

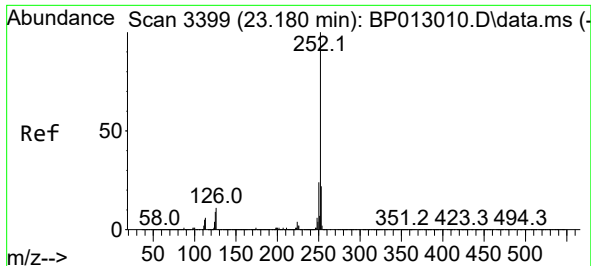
Delta R.T. 0.000 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Tgt Ion:149 Resp:12511579

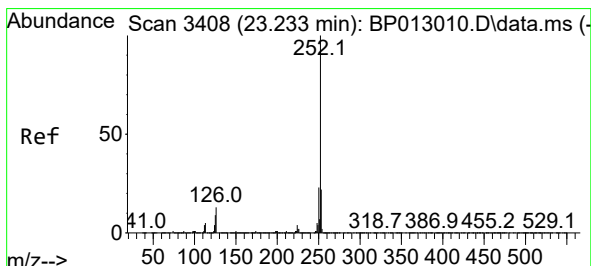
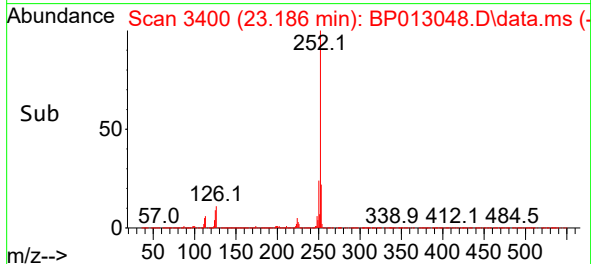
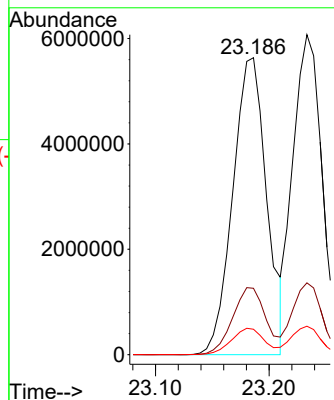
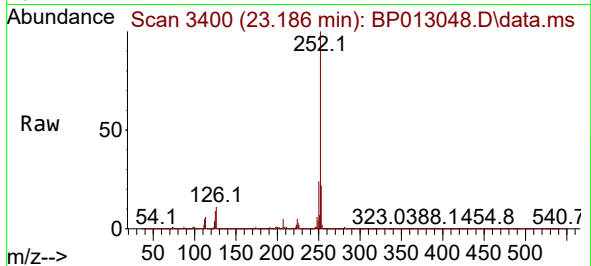




#90
Benzo(b)fluoranthene
Concen: 42.354 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.012 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

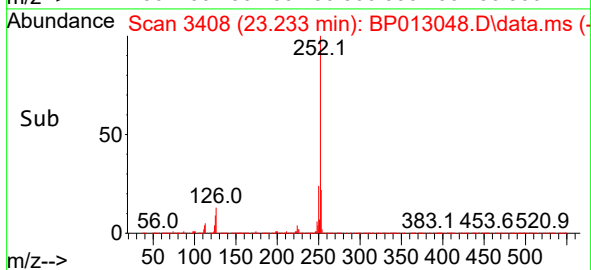
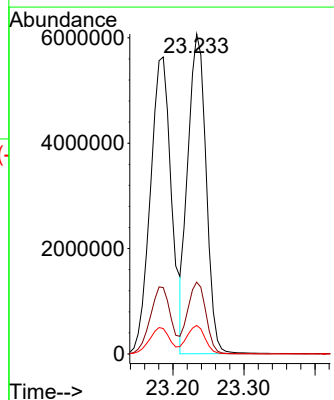
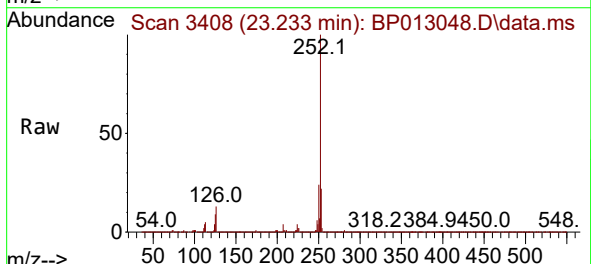
Instrument :
BNA_P
ClientSampleId :

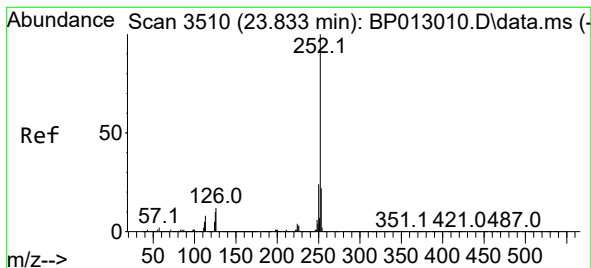
Tgt Ion:252 Resp:11664084
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.5 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 39.646 ng/ul
RT: 23.233 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP013048.D
Acq: 10 Dec 2022 19:52

Tgt Ion:252 Resp:10826927
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 39.917 ng/ul

RT: 23.839 min Scan# 3510

Delta R.T. 0.006 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

Instrument :

BNA_P

ClientSampleId :

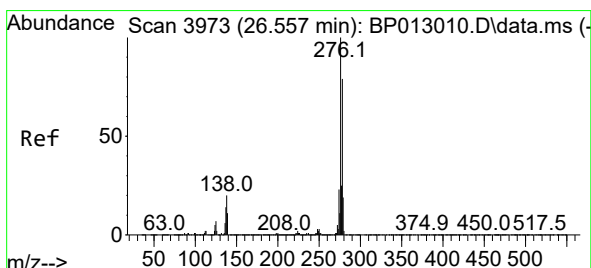
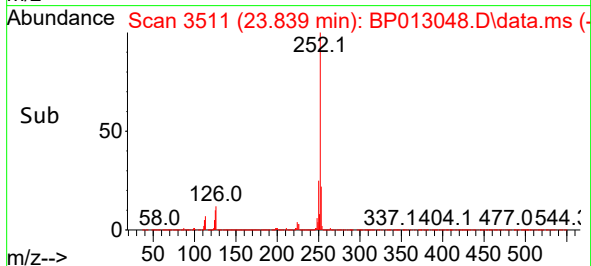
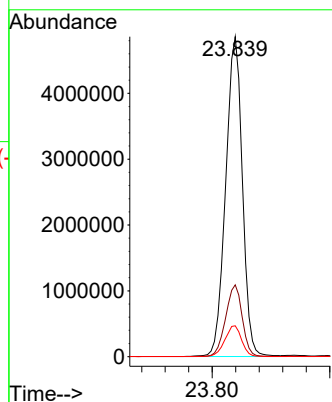
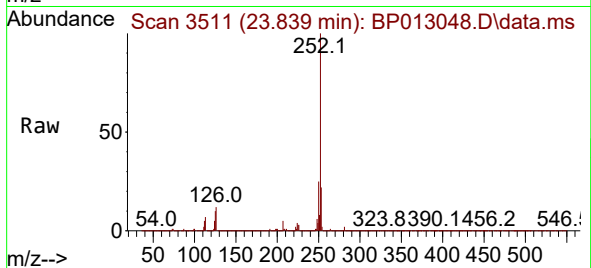
Tgt Ion:252 Resp: 9571912

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 9.7 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.091 ng/ul

RT: 26.557 min Scan# 3973

Delta R.T. 0.012 min

Lab File: BP013048.D

Acq: 10 Dec 2022 19:52

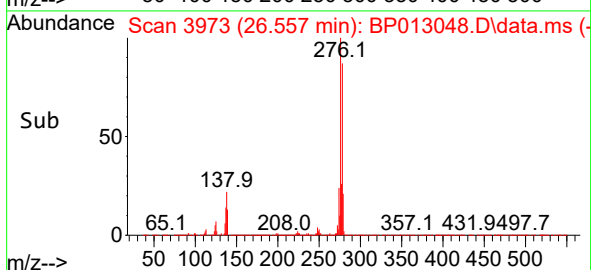
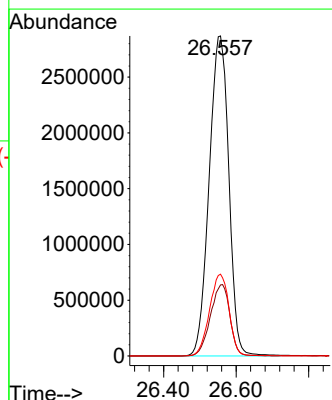
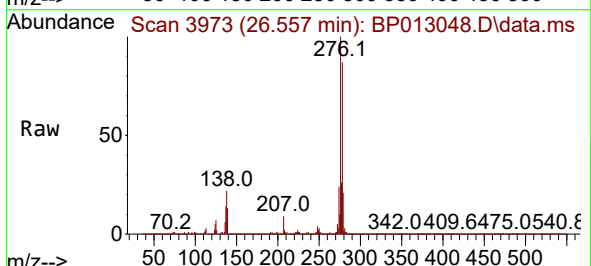
Tgt Ion:276 Resp:10780213

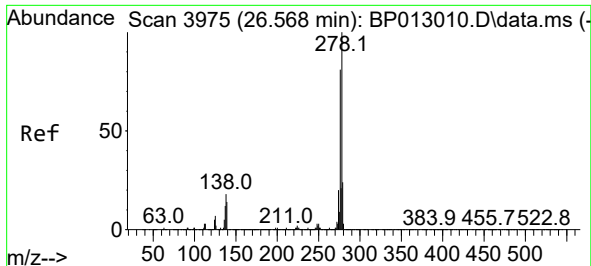
Ion Ratio Lower Upper

276 100

138 22.2 17.1 25.7

277 25.5 20.0 30.0



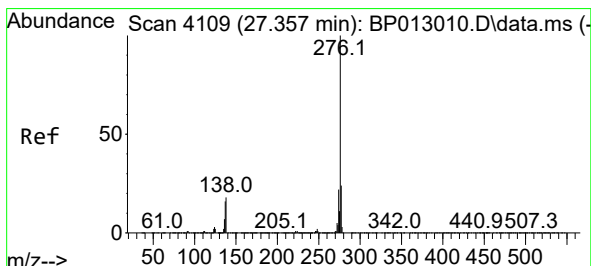
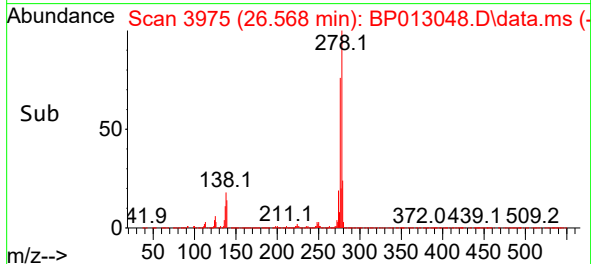
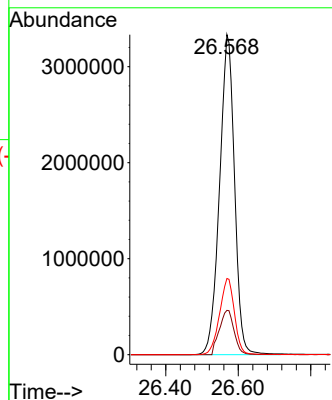
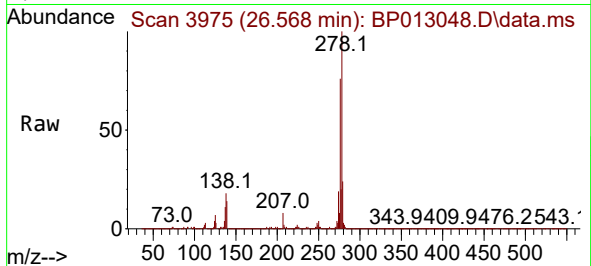


#95
 Dibenzo(a,h)anthracene
 Concen: 38.652 ng/ul
 RT: 26.568 min Scan# 3975
 Delta R.T. 0.012 min
 Lab File: BP013048.D
 Acq: 10 Dec 2022 19:52

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 9558905

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.1	16.7
279	23.8	19.0	28.6



#96
 Benzo(g,h,i)perylene
 Concen: 37.583 ng/ul
 RT: 27.362 min Scan# 4110
 Delta R.T. 0.018 min
 Lab File: BP013048.D
 Acq: 10 Dec 2022 19:52

Tgt Ion:276 Resp: 9012221

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.4	23.2
277	24.0	19.1	28.7

