

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
 Data File : BP013353.D
 Acq On : 28 Dec 2022 15:46
 Operator : CG/JU
 Sample : N6187-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 29 14:30:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	448045	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1926313	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	1190428	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	2301581	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	1955144	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	2331859	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	53030	5.061	ng/uL	0.00
4) Pyridine-d5	3.746	84	782754	26.296	ng/u1	0.00
7) Phenol-d5	7.093	99	1152103	31.569	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	688866	31.291	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	882754	30.727	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	923355	30.879	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	448248	31.671	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	520864	32.689	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	990081	31.991	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	1113364	25.482	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	2615141	28.584	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	3099756	30.834	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	404049	24.552	ng/u1	0.00
60) Fluorene-d10	15.569	176	2273743	29.376	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	399126	26.948	ng/u1	0.00
73) Anthracene-d10	17.434	188	3228536	31.093	ng/u1	0.00
81) Pyrene-d10	19.663	212	3499325	31.181	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	3583854	30.834	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	139133	12.719	ng/uL#	90
5) Pyridine	3.770	79	999847	33.796	ng/u1	98
6) Benzaldehyde	7.069	77	750411	52.513	ng/u1	97
8) Phenol	7.122	94	1372980	37.209	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.352	93	1052874	34.765	ng/u1	96
12) 2-Chlorophenol	7.493	128	1043560	35.422	ng/u1	96
13) 2-Methylphenol	8.375	108	1024815	35.625	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1622018	39.030	ng/u1	98
16) Acetophenone	8.763	105	1665761	36.331	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.746	70	859113	37.262	ng/u1	92
18) 4-Methylphenol	8.711	108	1130529	35.480	ng/u1	99
19) Hexachloroethane	9.016	117	410441	34.863	ng/u1	99
22) Nitrobenzene	9.146	77	1246716	37.539	ng/u1	98
23) Isophorone	9.669	82	2374353	35.356	ng/u1	98
25) 2-Nitrophenol	9.858	139	630128	36.499	ng/u1	94
26) 2,4-Dimethylphenol	9.916	107	1200219	35.630	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.152	93	1474954	34.350	ng/u1	100
29) 2,4-Dichlorophenol	10.393	162	1104829	36.443	ng/u1	100
30) Naphthalene	10.793	128	3442567	34.171	ng/u1	100
32) 4-Chloroaniline	10.905	127	1259309	29.126	ng/u1	99
33) Hexachlorobutadiene	11.075	225	758377	36.433	ng/u1	99
34) Caprolactam	11.699	113	199663	19.315	ng/u1	91
35) 4-Chloro-3-methylphenol	12.028	107	1100570	35.572	ng/u1	100
36) 2-Methylnaphthalene	12.399	142	2366538	34.241	ng/u1	100

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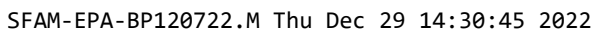
Instrument :
 BNA_P
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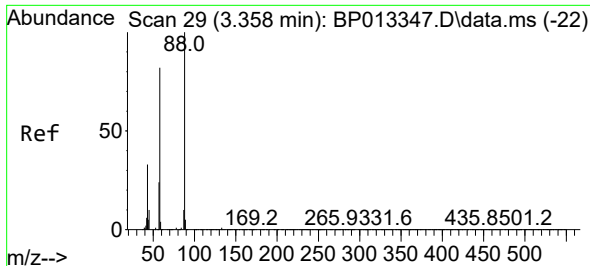
Quant Time: Dec 29 14:30:36 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	2351997	33.091	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	1475169	38.484	ng/ul	100
40) Hexachlorocyclopentadiene	12.746	237	836890	33.550	ng/ul	100
41) 2,4,6-Trichlorophenol	13.010	196	939187	38.124	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	1004477	37.960	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	3179998	35.568	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	2536646	36.049	ng/ul	100
45) 2-Nitroaniline	13.657	65	684091	40.098	ng/ul	93
47) Dimethylphthalate	14.028	163	2943191	32.457	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	601644	35.702	ng/ul	99
50) Acenaphthylene	14.298	152	3781742	34.990	ng/ul	100
51) 3-Nitroaniline	14.487	138	523963	32.928	ng/ul	99
52) Acenaphthene	14.640	153	2584106	34.502	ng/ul	100
53) 2,4-Dinitrophenol	14.693	184	345744	30.015	ng/ul	97
55) 4-Nitrophenol	14.793	109	372203	33.146	ng/ul	94
56) Dibenzofuran	14.975	168	3653082	34.305	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	820689	33.527	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	836301	34.632	ng/ul	95
59) Diethylphthalate	15.393	149	2688236	30.496	ng/ul	99
61) Fluorene	15.628	166	2902523	33.987	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	1566321	34.682	ng/ul	100
63) 4-Nitroaniline	15.651	138	527184	37.650	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.710	198	498722	34.457	ng/ul	97
67) N-Nitrosodiphenylamine	15.834	169	2381783	37.326	ng/ul	100
68) 4-Bromophenyl-phenylether	16.516	248	944525	37.789	ng/ul	98
69) Hexachlorobenzene	16.634	284	1096486	36.946	ng/ul	99
70) Atrazine	16.787	200	824299	33.150	ng/ul	99
71) Pentachlorophenol	16.981	266	599191	33.338	ng/ul	99
72) Phenanthrene	17.375	178	4178663	34.857	ng/ul	100
74) Anthracene	17.469	178	4221480	35.267	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	1471962	44.826	ng/uL	100
76) Pentachlorobenzene	14.893	250	1355091	40.476	ng/uL	99
77) Carbazole	17.739	167	3545792	35.174	ng/ul	100
78) Di-n-butylphthalate	18.275	149	3994986	32.548	ng/ul	100
80) Fluoranthene	19.339	202	4596817	36.089	ng/ul	99
82) Pyrene	19.692	202	4733287	36.024	ng/ul	98
83) Butylbenzylphthalate	20.557	149	1619806	31.911	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	1350103	30.567	ng/ul	100
85) Benzo(a)anthracene	21.404	228	4574010	35.241	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	2311618	32.284	ng/ul	100
87) Chrysene	21.457	228	4366367	35.574	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	3939740	30.158	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	4960332	33.359	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	4885738	33.135	ng/ul	100
93) Benzo(a)pyrene	23.780	252	4532654	35.008	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	6336693	39.291	ng/ul	98
95) Dibenzo(a,h)anthracene	26.486	278	5355757	40.109	ng/ul	98
96) Benzo(g,h,i)perylene	27.262	276	5276633	40.754	ng/ul	99

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

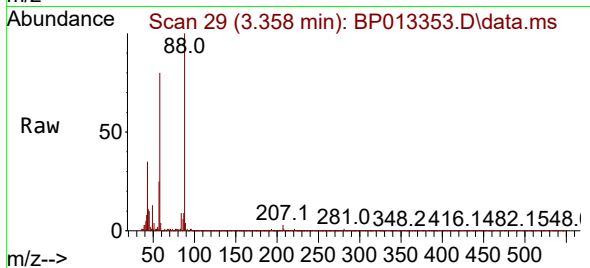
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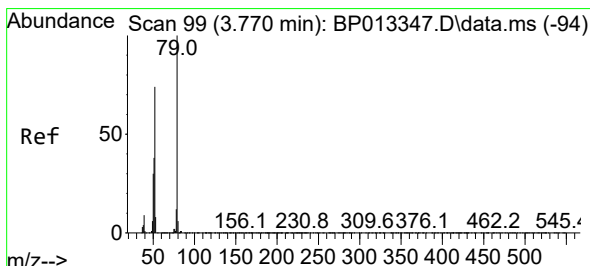
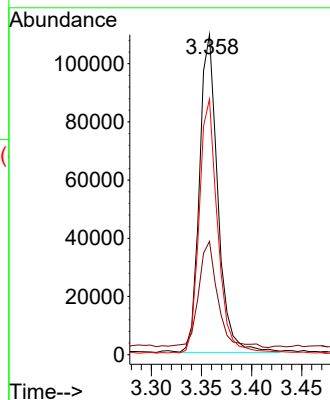
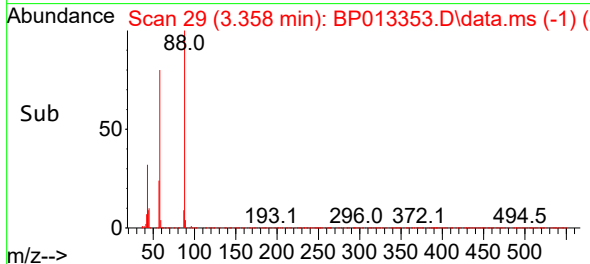


#2
1,4-Dioxane
Concen: 12.719 ng/uL
RT: 3.358 min Scan# 29
Delta R.T. 0.000 min
Lab File: BP013353.D
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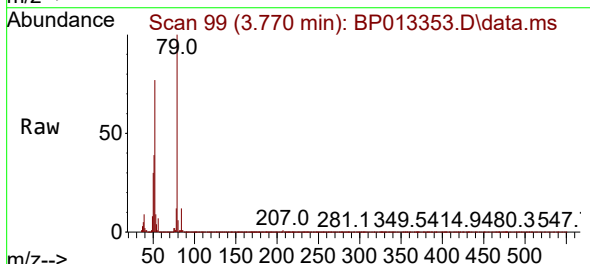
Instrument :
BNA_P
ClientSampleId :



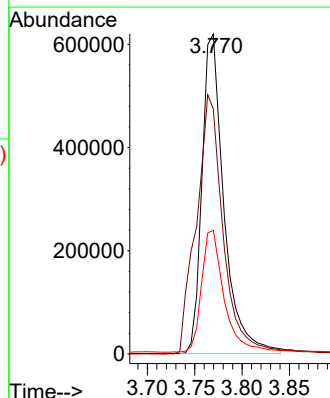
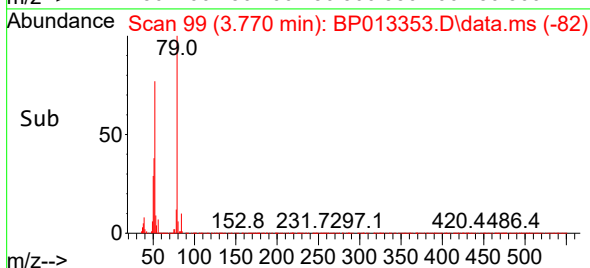
Tgt Ion: 88 Resp: 139133
Ion Ratio Lower Upper
88 100
43 35.4 22.4 33.6#
58 79.8 58.2 87.4

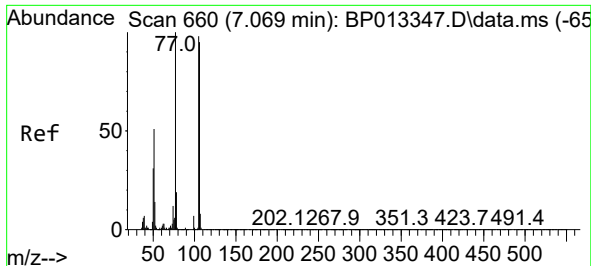


#5
Pyridine
Concen: 33.796 ng/uL
RT: 3.770 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46



Tgt Ion: 79 Resp: 999847
Ion Ratio Lower Upper
79 100
52 76.6 60.7 91.1
51 38.7 28.9 43.3

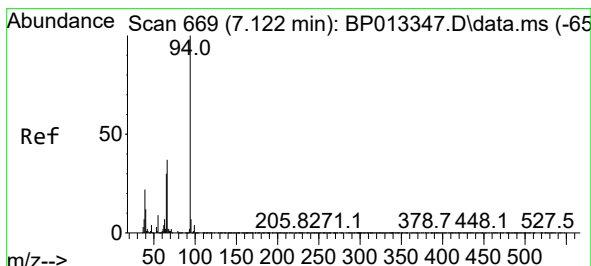
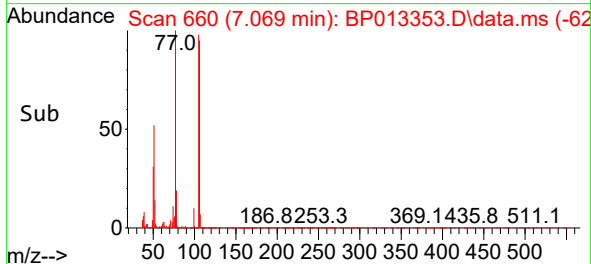
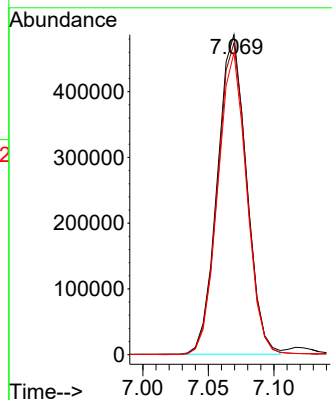
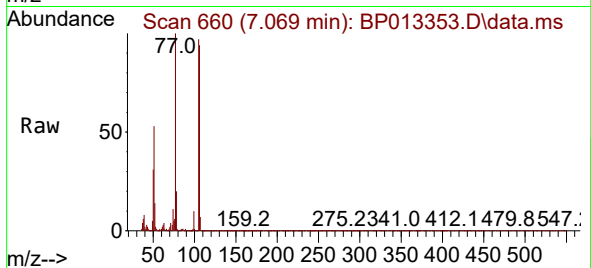




#6
Benzaldehyde
Concen: 52.513 ng/ul
RT: 7.069 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

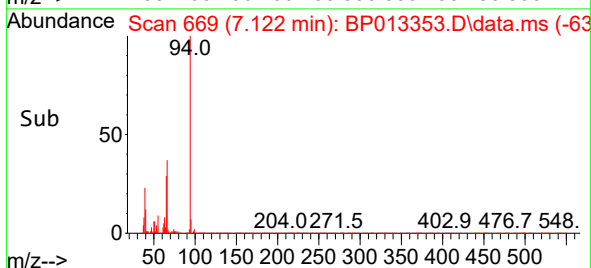
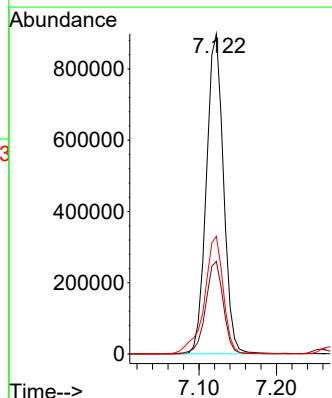
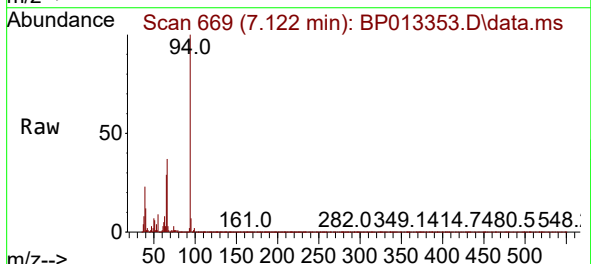
Instrument :
BNA_P
ClientSampleId :

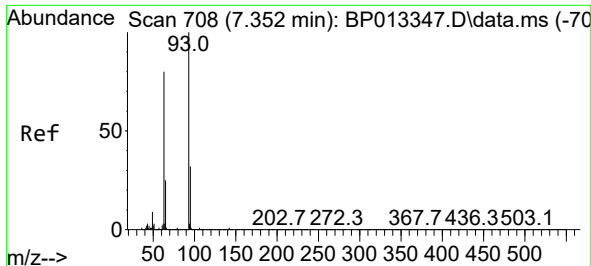
Tgt Ion: 77 Resp: 750411
Ion Ratio Lower Upper
77 100
105 97.4 81.5 122.3
106 94.4 76.9 115.3



#8
Phenol
Concen: 37.209 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion: 94 Resp: 1372980
Ion Ratio Lower Upper
94 100
65 28.9 21.1 31.7
66 36.8 27.0 40.6





#10

Bis(2-Chloroethyl)ether

Concen: 34.765 ng/ul

RT: 7.352 min Scan# 708

Delta R.T. 0.000 min

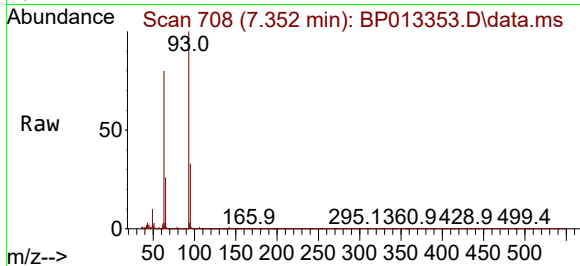
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Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :



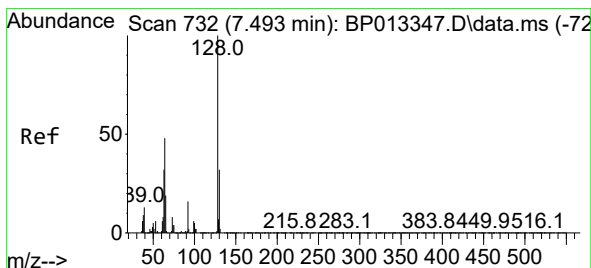
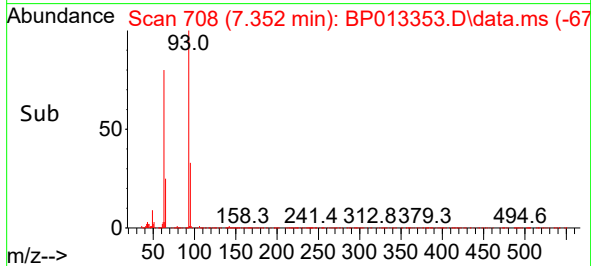
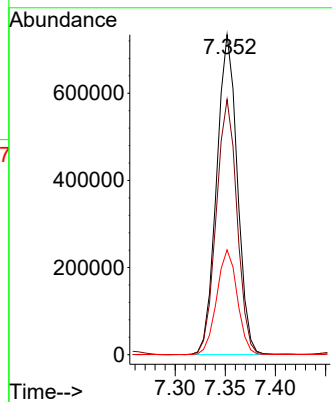
Tgt Ion: 93 Resp: 1052874

Ion Ratio Lower Upper

93 100

63 79.7 59.8 89.8

95 32.7 26.4 39.6



#12

2-Chlorophenol

Concen: 35.422 ng/ul

RT: 7.493 min Scan# 732

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

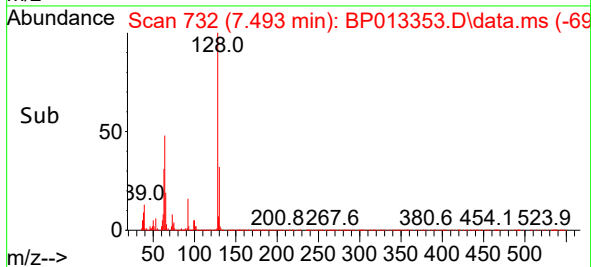
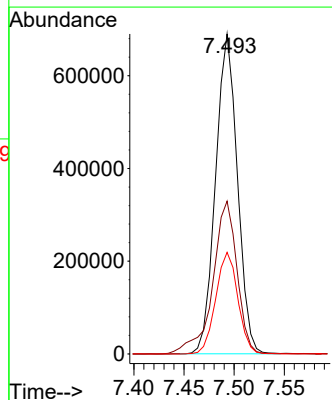
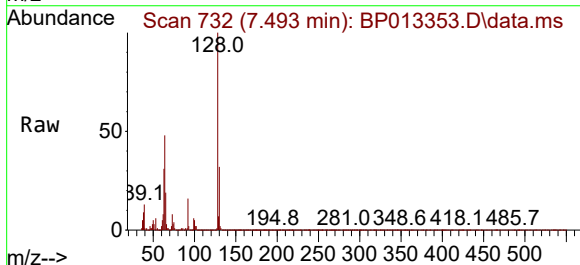
Tgt Ion:128 Resp: 1043560

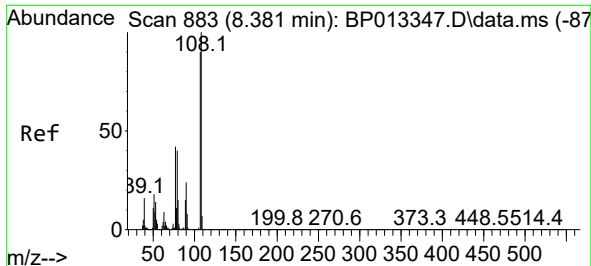
Ion Ratio Lower Upper

128 100

64 47.7 34.9 52.3

130 31.8 25.8 38.6





#13

2-Methylphenol

Concen: 35.625 ng/ul

RT: 8.375 min Scan# 8

Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

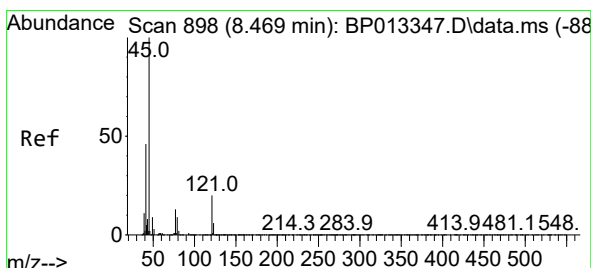
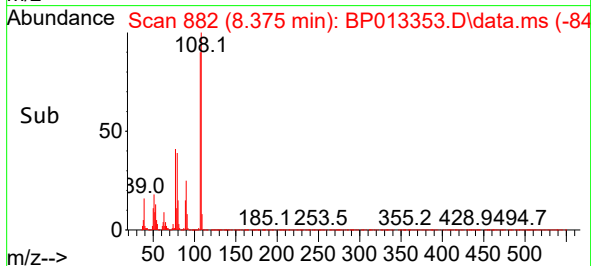
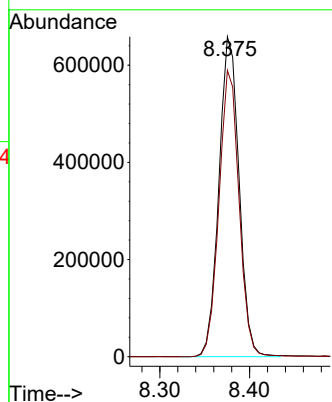
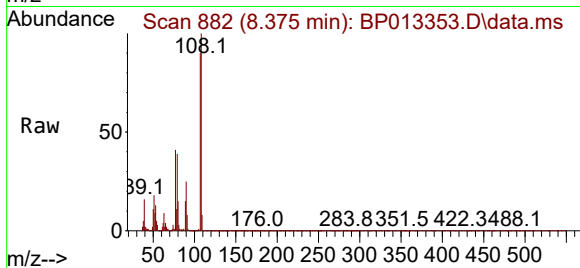
ClientSampleId :

Tgt Ion:108 Resp: 1024815

Ion Ratio Lower Upper

108 100

107 89.5 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 39.030 ng/ul

RT: 8.463 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

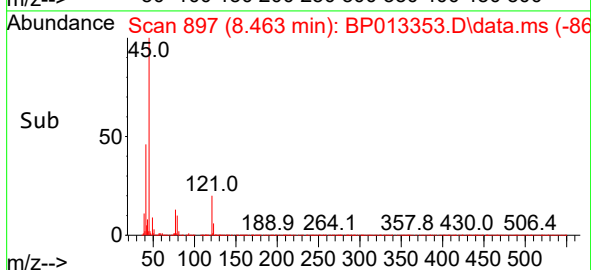
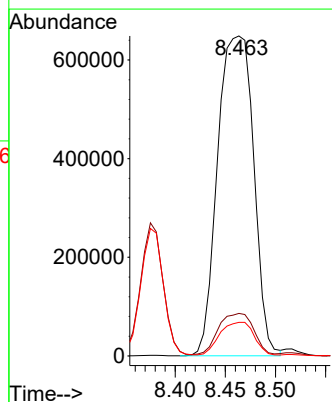
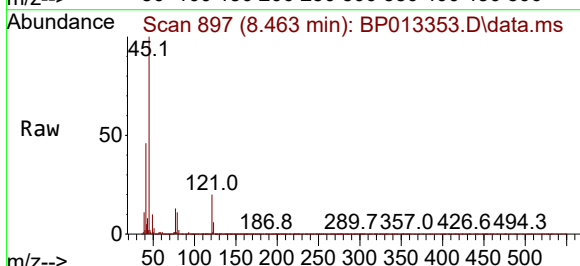
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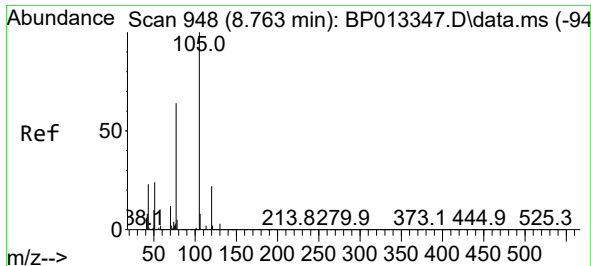
Ion Ratio Lower Upper

45 100

77 13.3 11.0 16.6

79 10.5 9.3 13.9

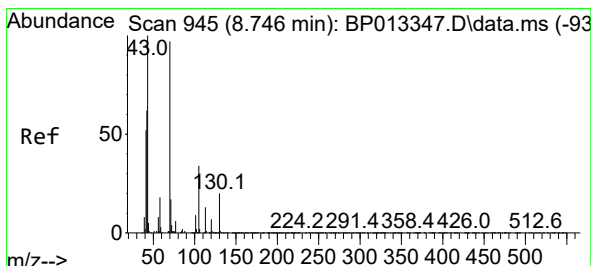
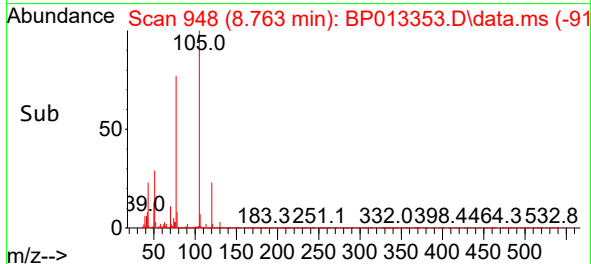
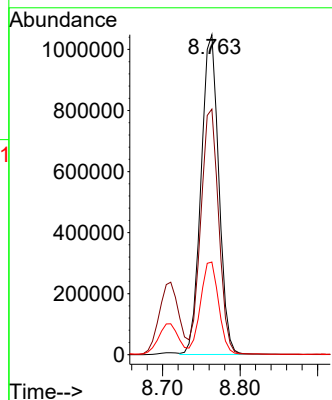
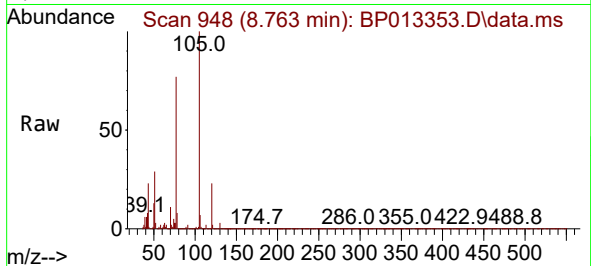




#16
Acetophenone
Concen: 36.331 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. 0.000 min
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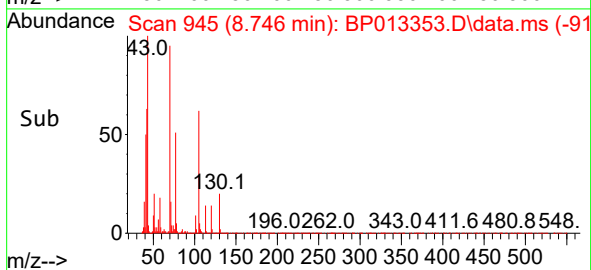
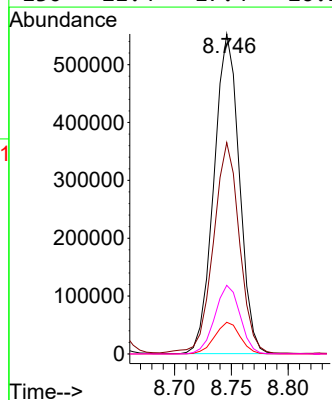
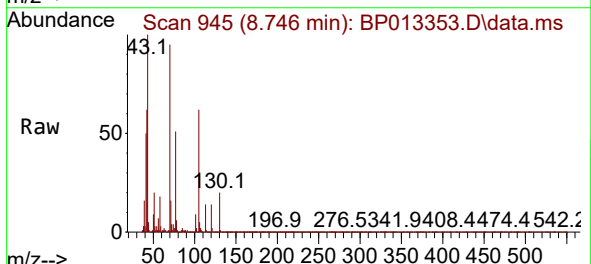
Instrument :
BNA_P
ClientSampleId :

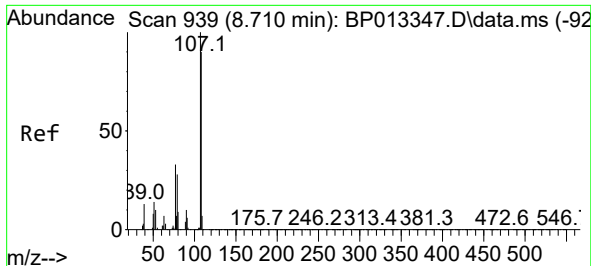
Tgt Ion:105 Resp: 1665761
Ion Ratio Lower Upper
105 100
77 76.7 59.3 88.9
51 28.9 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 37.262 ng/ul
RT: 8.746 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion: 70 Resp: 859113
Ion Ratio Lower Upper
70 100
42 66.0 45.5 68.3
101 9.9 7.9 11.9
130 21.4 17.4 26.2

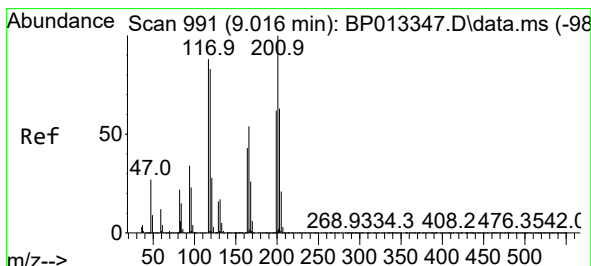
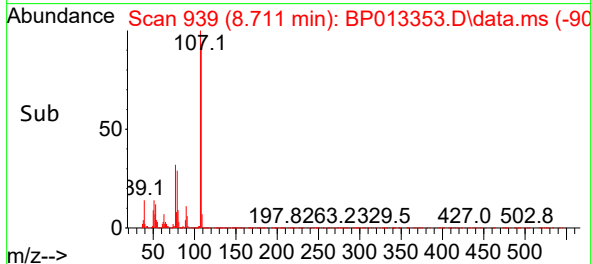
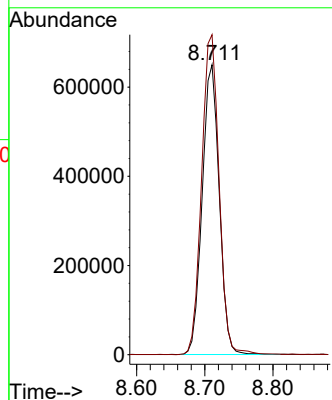
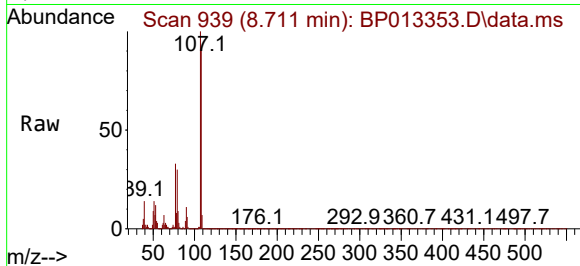




#18
4-Methylphenol
Concen: 35.480 ng/ul
RT: 8.711 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

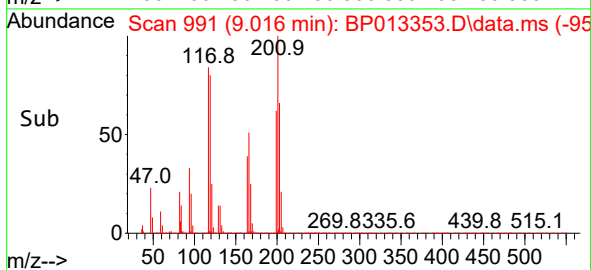
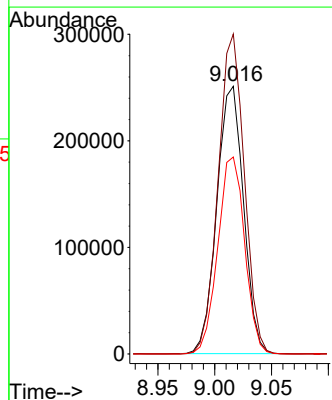
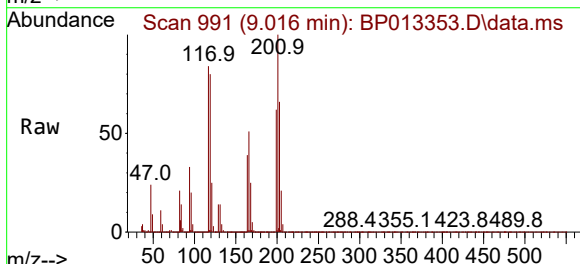
Instrument :
BNA_P
ClientSampleId :

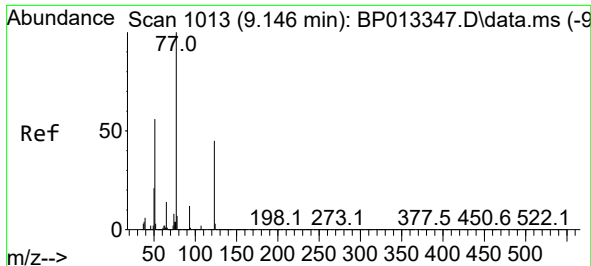
Tgt Ion:108 Resp: 1130529
Ion Ratio Lower Upper
108 100
107 110.4 87.4 131.2



#19
Hexachloroethane
Concen: 34.863 ng/ul
RT: 9.016 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:117 Resp: 410441
Ion Ratio Lower Upper
117 100
201 119.5 93.7 140.5
199 73.6 58.6 88.0

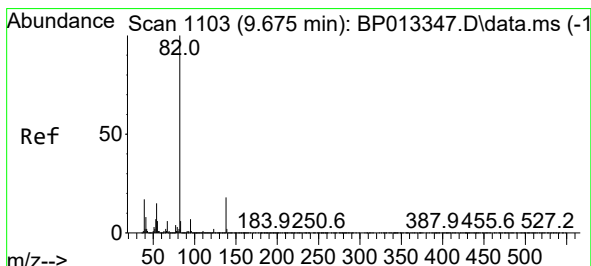
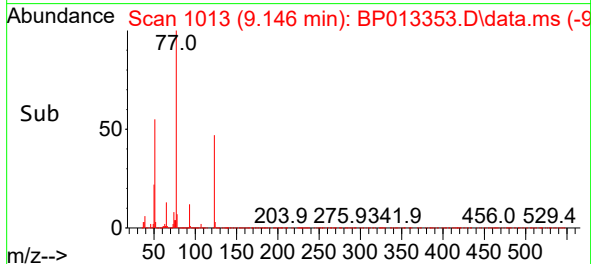
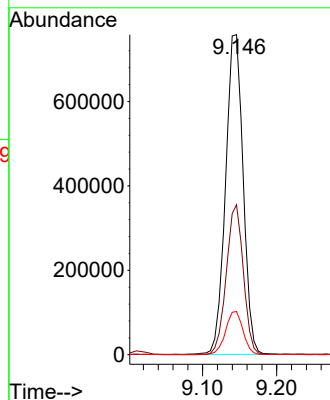
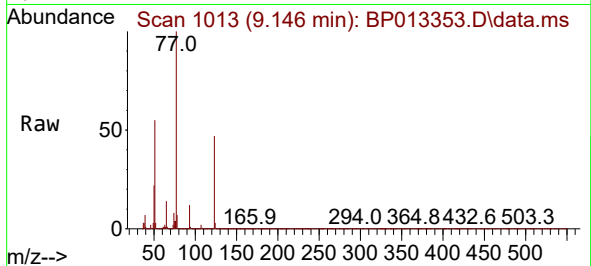




#22
Nitrobenzene
Concen: 37.539 ng/ul
RT: 9.146 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

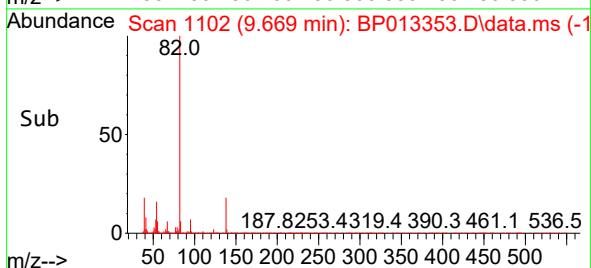
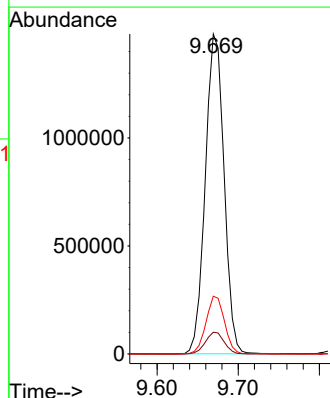
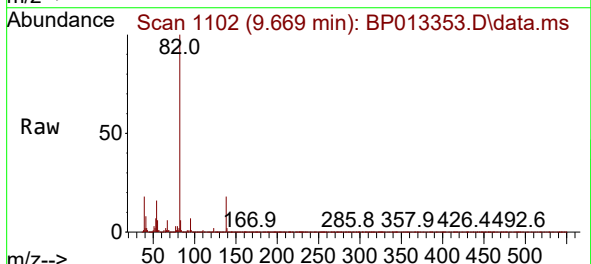
Instrument :
BNA_P
ClientSampleId :

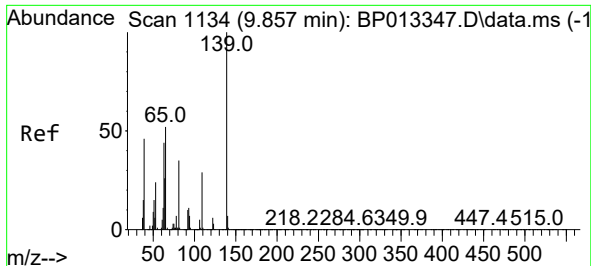
Tgt Ion: 77 Resp: 1246716
Ion Ratio Lower Upper
77 100
123 46.9 38.3 57.5
65 13.5 10.3 15.5



#23
Isophorone
Concen: 35.356 ng/ul
RT: 9.669 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion: 82 Resp: 2374353
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.0 15.3 22.9

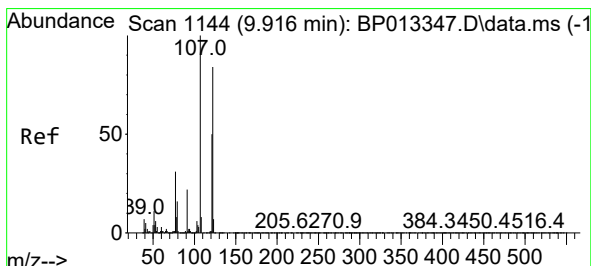
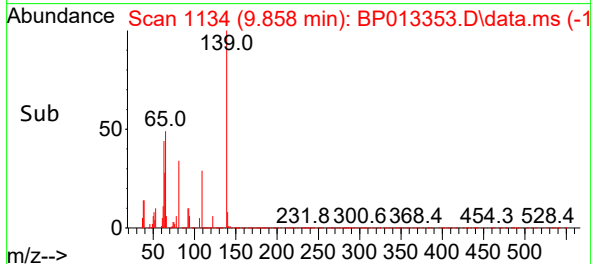
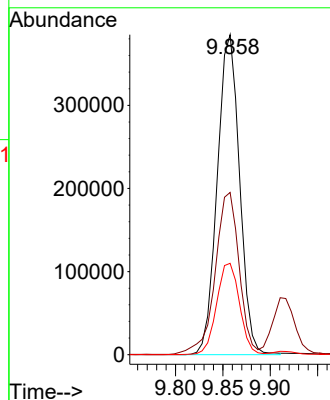
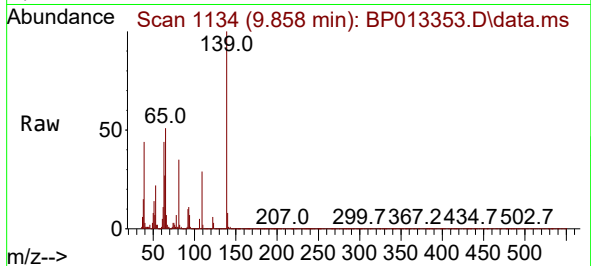




#25
2-Nitrophenol
Concen: 36.499 ng/ul
RT: 9.858 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

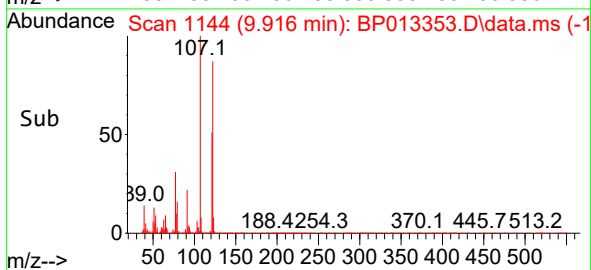
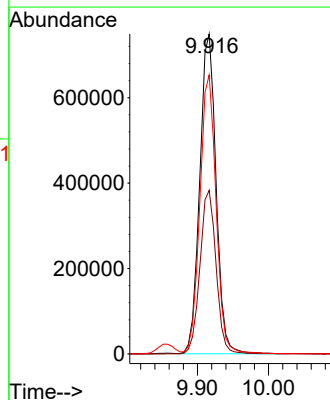
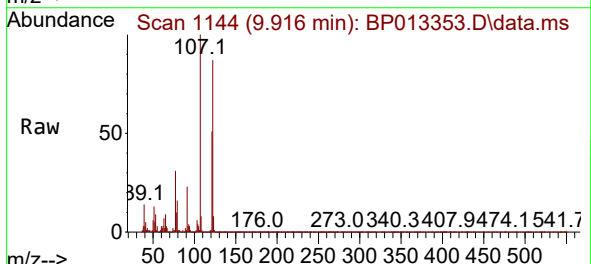
Instrument :
BNA_P
ClientSampleId :

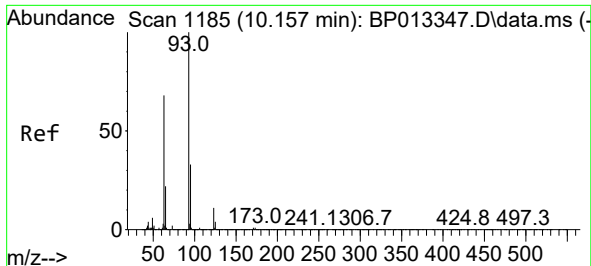
Tgt Ion:139 Resp: 630128
Ion Ratio Lower Upper
139 100
65 50.7 36.6 54.8
109 28.6 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 35.630 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:107 Resp: 1200219
Ion Ratio Lower Upper
107 100
121 51.2 41.8 62.6
122 87.2 72.6 108.8

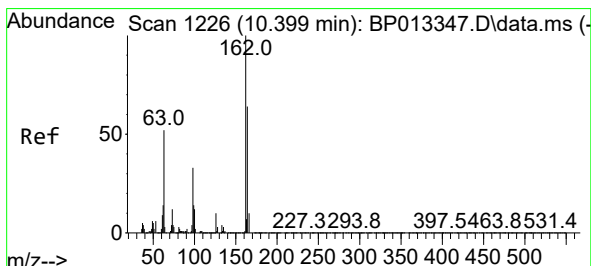
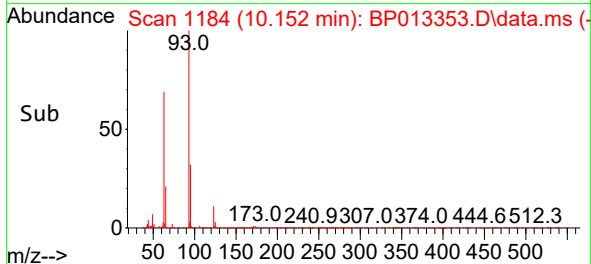
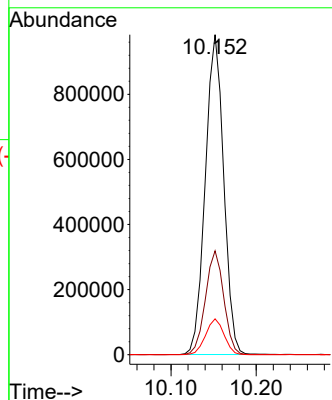
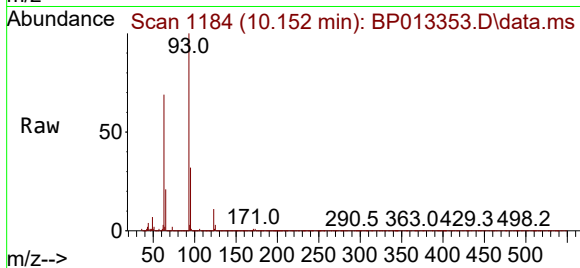




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.350 ng/ul
 RT: 10.152 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BP013353.D
 Acq: 28 Dec 2022 15:46

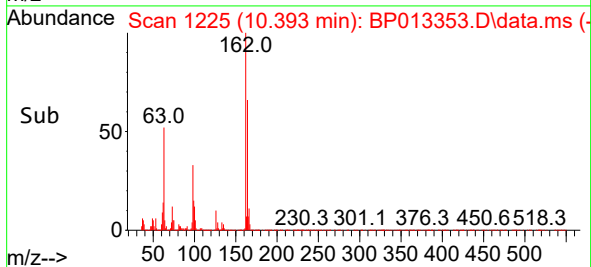
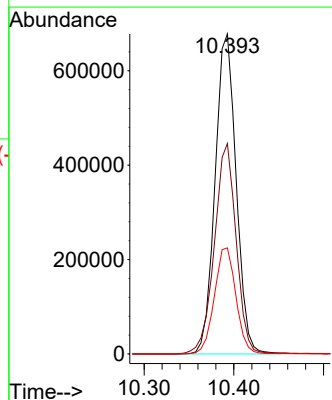
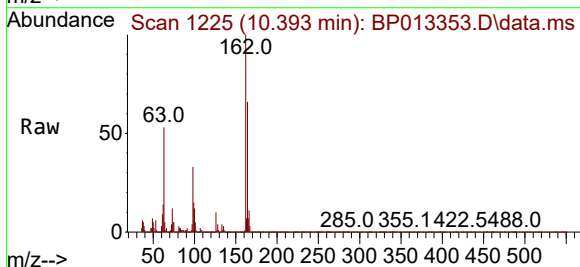
Instrument :
 BNA_P
 ClientSampleId :

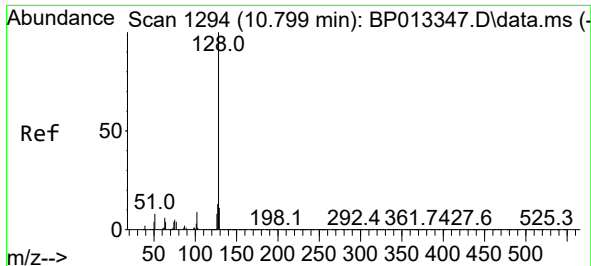
Tgt Ion: 93 Resp: 1474954
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 11.2 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 36.443 ng/ul
 RT: 10.393 min Scan# 1225
 Delta R.T. 0.000 min
 Lab File: BP013353.D
 Acq: 28 Dec 2022 15:46

Tgt Ion:162 Resp: 1104829
 Ion Ratio Lower Upper
 162 100
 164 65.7 52.5 78.7
 98 33.2 26.6 39.8

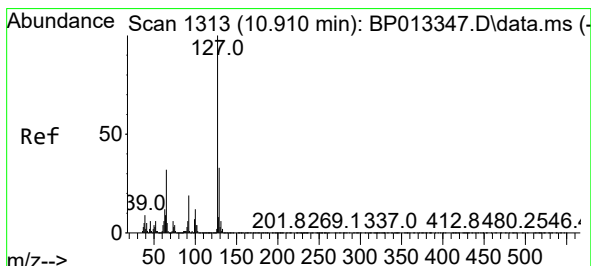
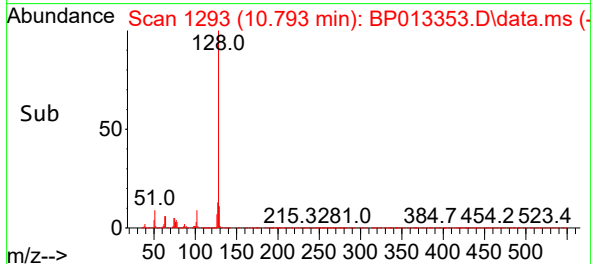
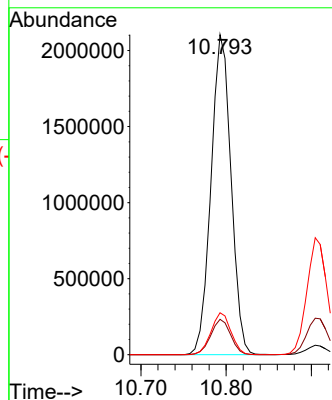
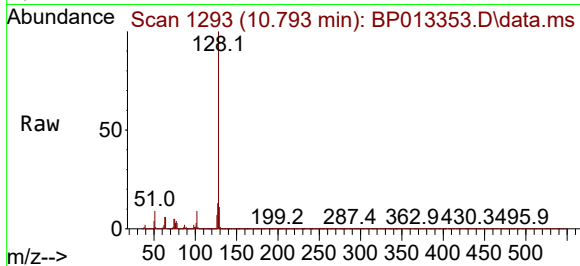




#30
Naphthalene
Concen: 34.171 ng/ul
RT: 10.793 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

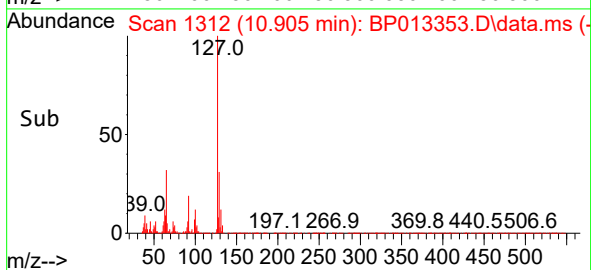
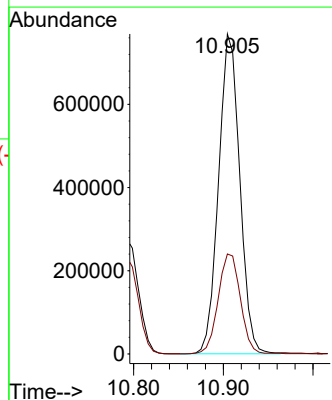
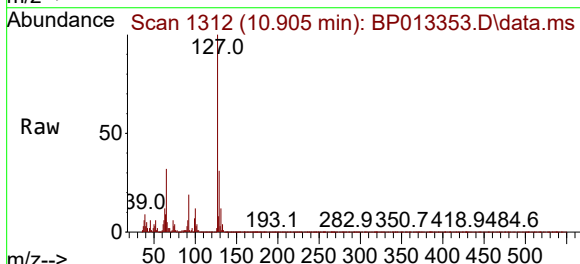
Instrument :
BNA_P
ClientSampleId :

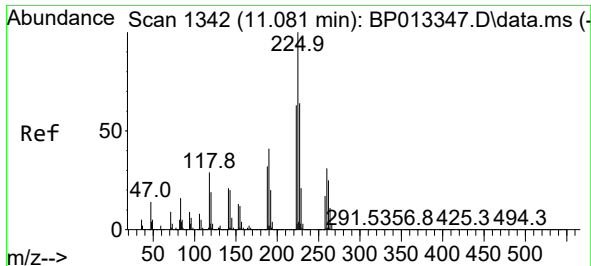
Tgt Ion:128 Resp: 3442567
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 29.126 ng/ul
RT: 10.905 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:127 Resp: 1259309
Ion Ratio Lower Upper
127 100
129 31.2 25.6 38.4

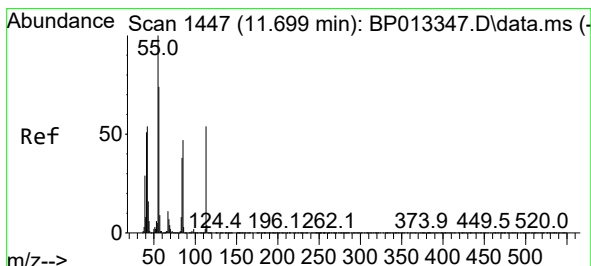
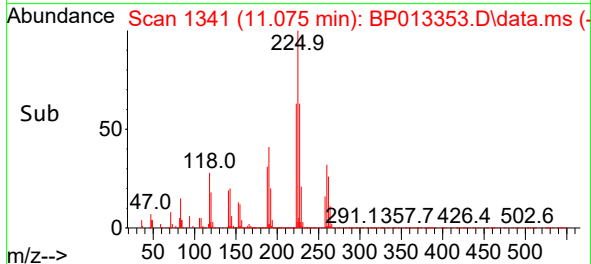
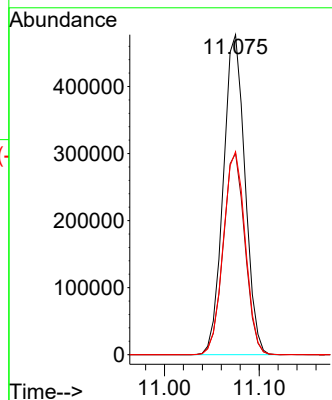
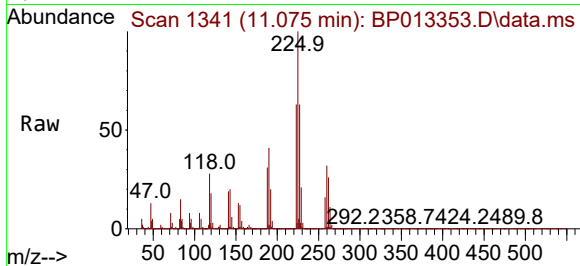




#33
Hexachlorobutadiene
Concen: 36.433 ng/ul
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

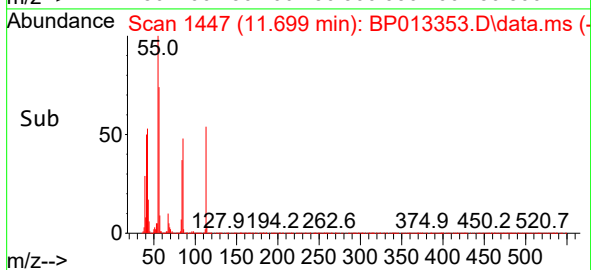
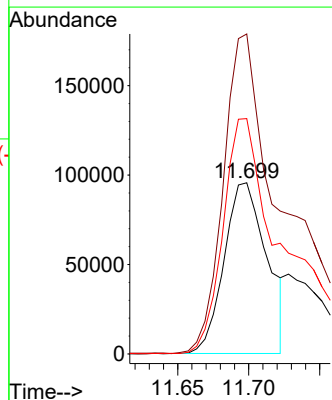
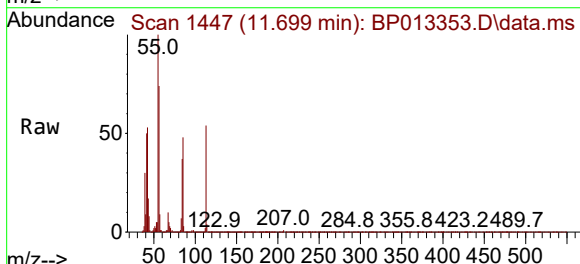
Instrument :
BNA_P
ClientSampleId :

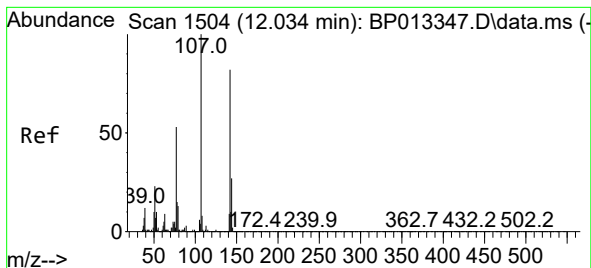
Tgt Ion:225 Resp: 758377
Ion Ratio Lower Upper
225 100
223 62.9 49.2 73.8
227 63.5 50.2 75.2



#34
Caprolactam
Concen: 19.315 ng/ul
RT: 11.699 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:113 Resp: 199663
Ion Ratio Lower Upper
113 100
55 186.8 141.9 212.9
56 137.4 99.6 149.4

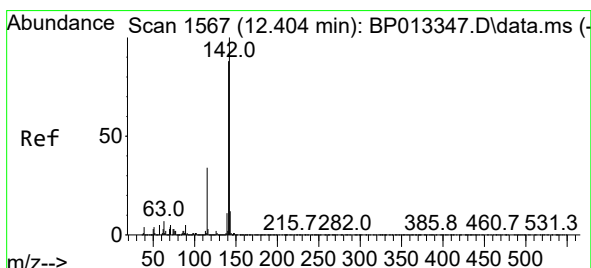
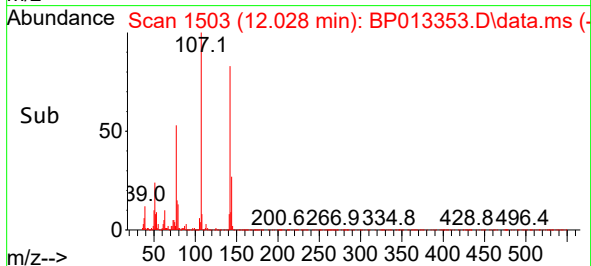
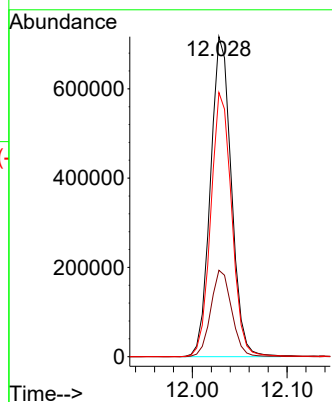
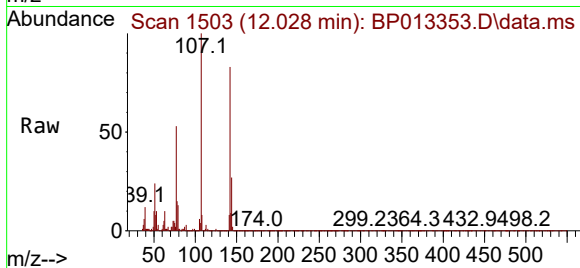




#35
4-Chloro-3-methylphenol
Concen: 35.572 ng/ul
RT: 12.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

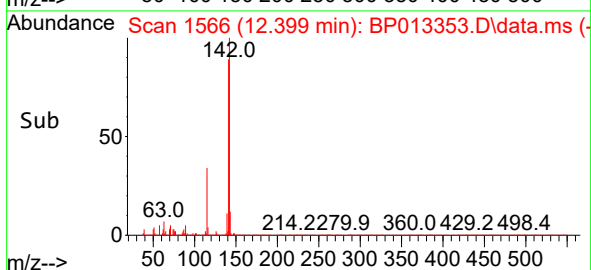
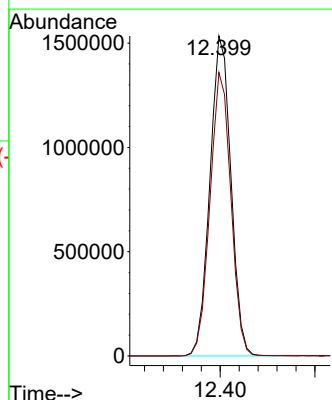
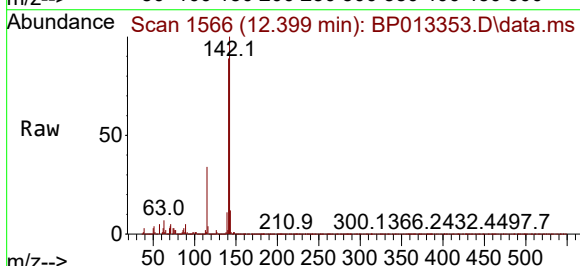
Instrument :
BNA_P
ClientSampleId :

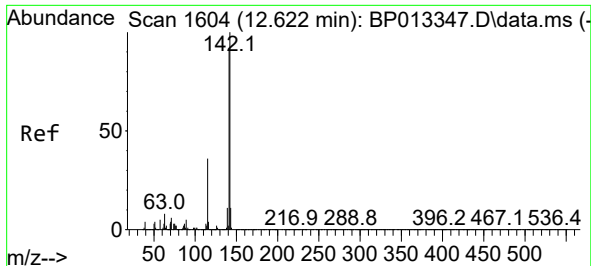
Tgt Ion:107 Resp: 1100570
Ion Ratio Lower Upper
107 100
144 27.0 21.4 32.2
142 82.6 65.8 98.6



#36
2-Methylnaphthalene
Concen: 34.241 ng/ul
RT: 12.399 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

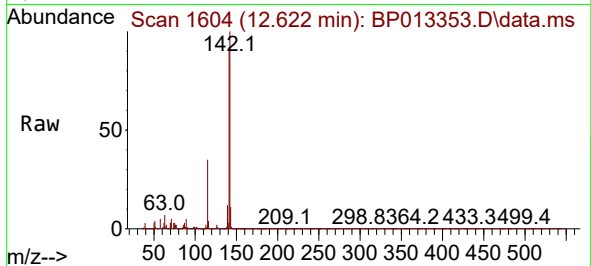
Tgt Ion:142 Resp: 2366538
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2



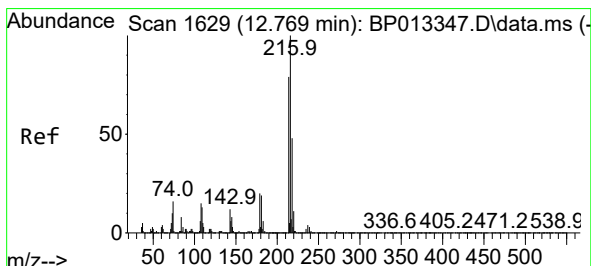
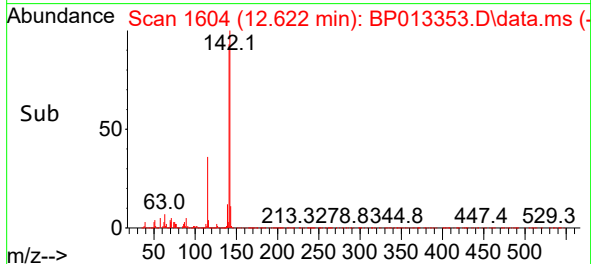
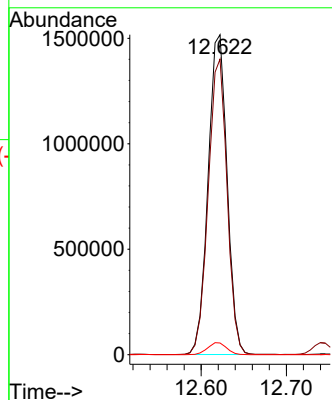


#37
1-Methylnaphthalene
Concen: 33.091 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Instrument :
BNA_P
ClientSampleId :

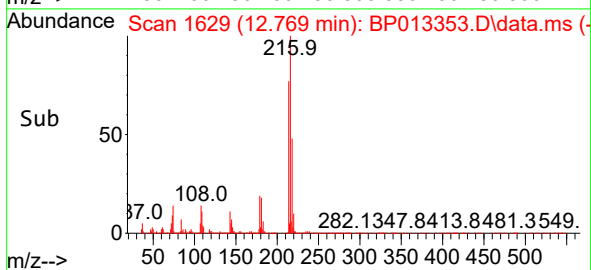
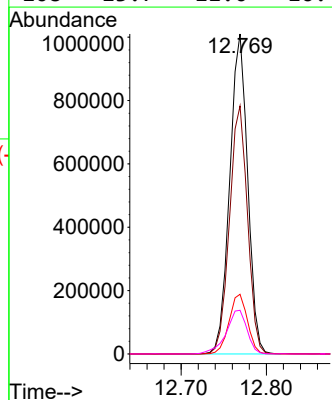
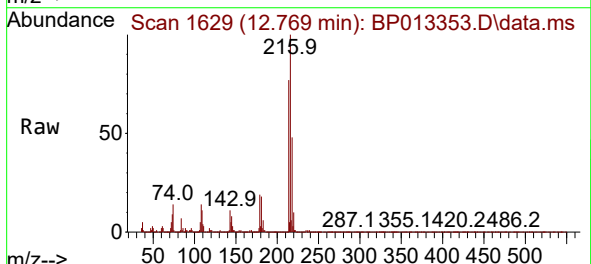


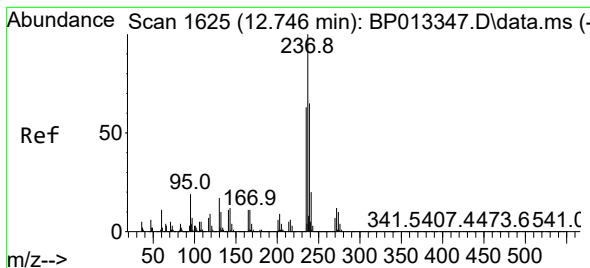
Tgt Ion:142 Resp: 2351997
Ion Ratio Lower Upper
142 100
141 92.3 72.7 109.1
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.484 ng/ul
RT: 12.769 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:216 Resp: 1475169
Ion Ratio Lower Upper
216 100
214 77.5 61.9 92.9
179 18.7 15.0 22.6
108 13.7 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 33.550 ng/ul

RT: 12.746 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

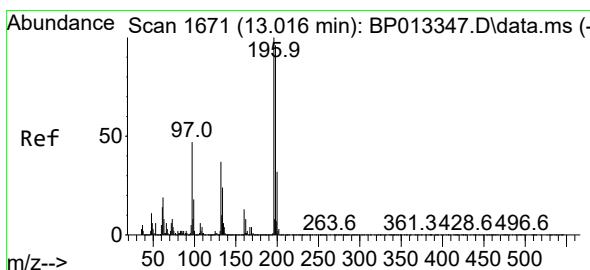
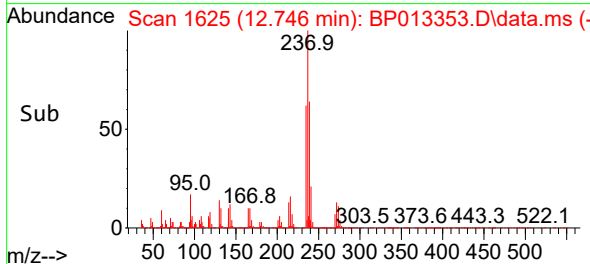
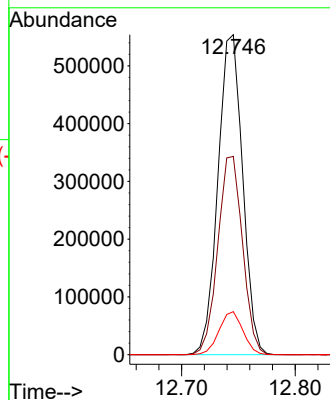
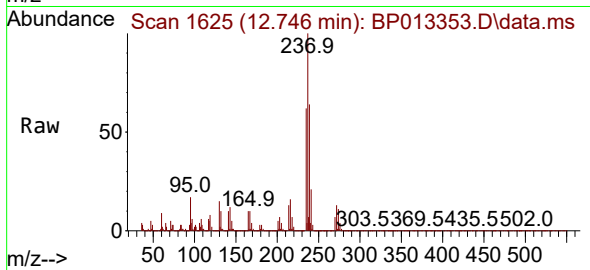
Tgt Ion:237 Resp: 836890

Ion Ratio Lower Upper

237 100

235 62.0 49.7 74.5

272 13.4 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 38.124 ng/ul

RT: 13.010 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

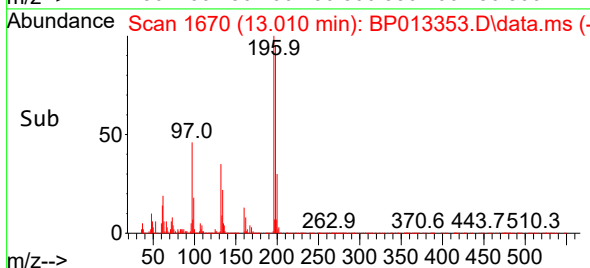
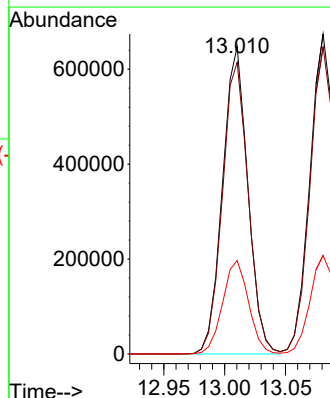
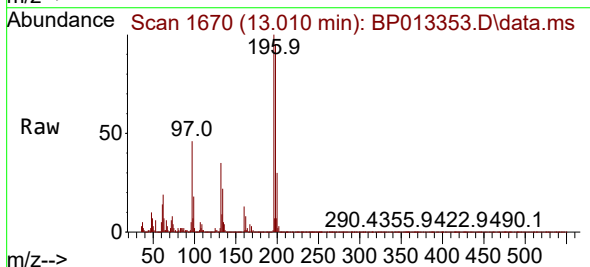
Tgt Ion:196 Resp: 939187

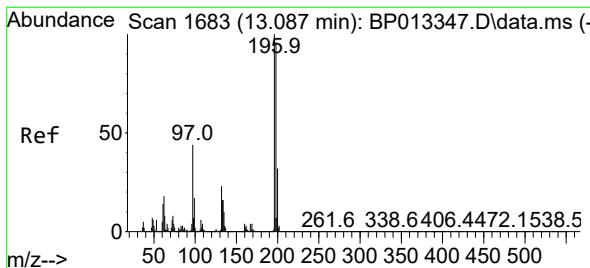
Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.6

200 30.4 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 37.960 ng/ul

RT: 13.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

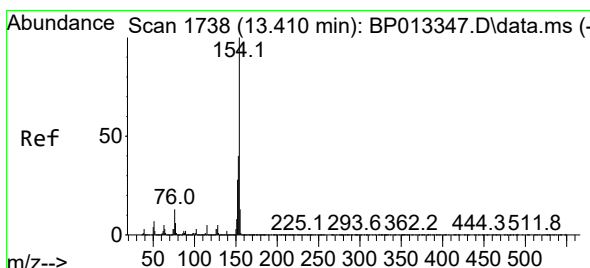
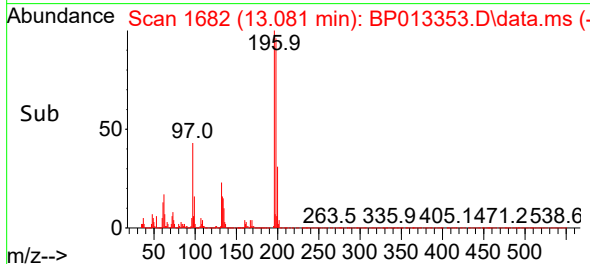
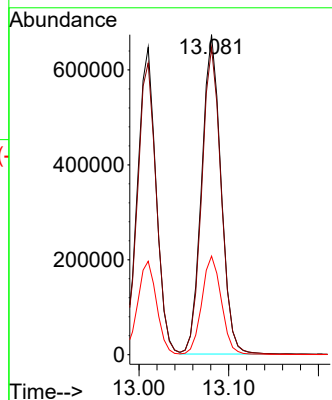
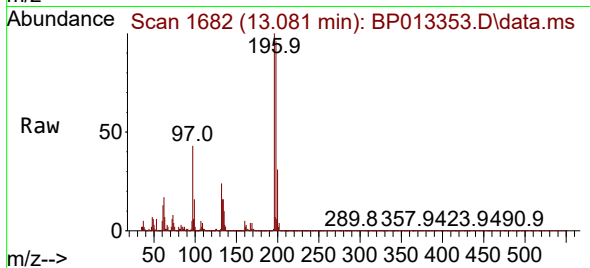
Tgt Ion:196 Resp: 1004477

Ion Ratio Lower Upper

196 100

198 96.0 77.1 115.7

200 30.8 25.4 38.2



#43

1,1'-Biphenyl

Concen: 35.568 ng/ul

RT: 13.410 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

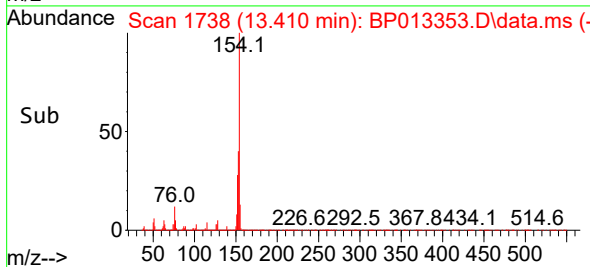
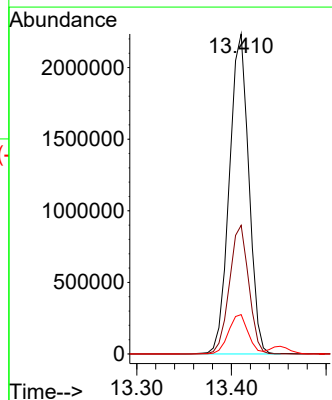
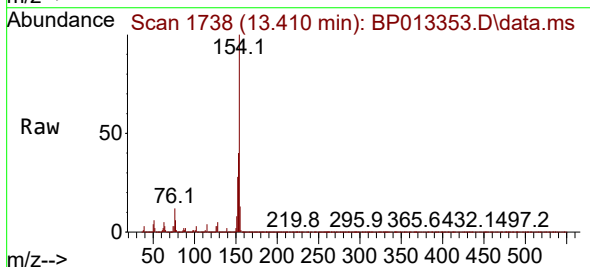
Tgt Ion:154 Resp: 3179998

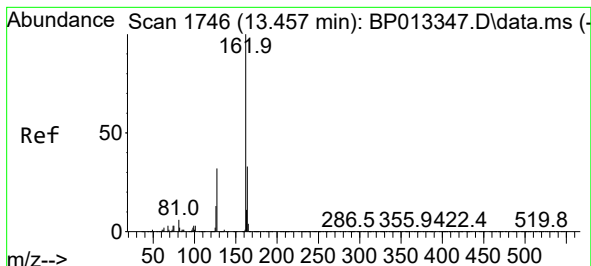
Ion Ratio Lower Upper

154 100

153 40.2 31.5 47.3

76 12.3 9.6 14.4

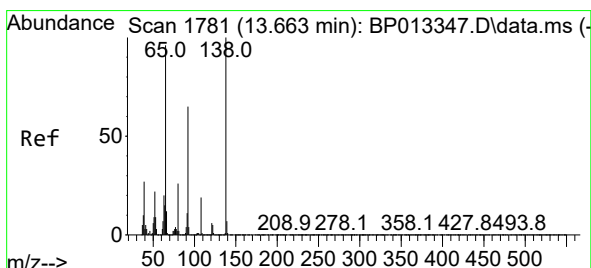
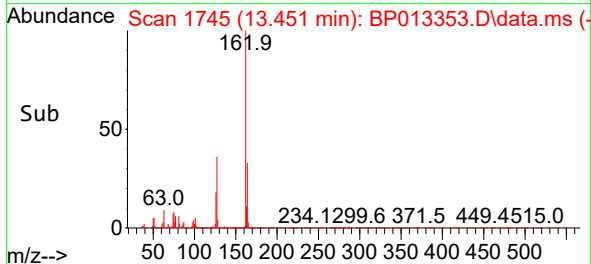
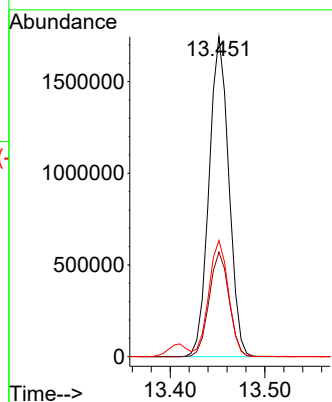
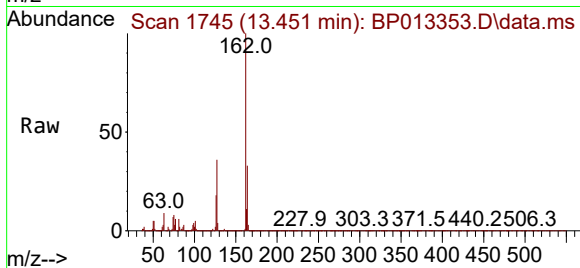




#44
2-Chloronaphthalene
Concen: 36.049 ng/ul
RT: 13.451 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

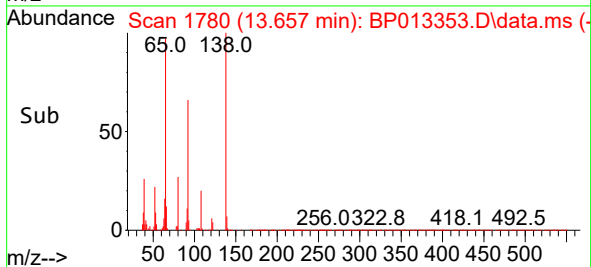
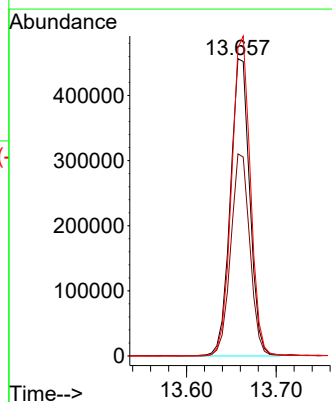
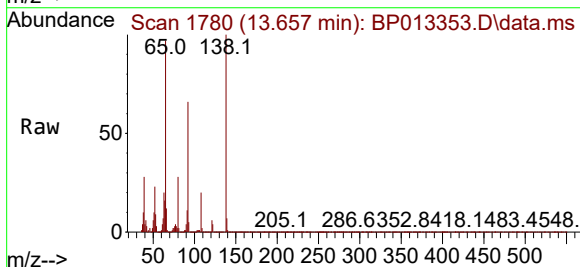
Instrument :
BNA_P
ClientSampleId :

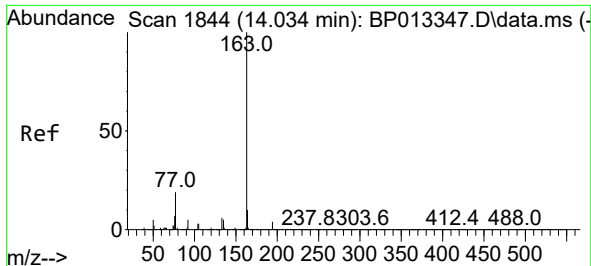
Tgt Ion:162 Resp: 2536646
Ion Ratio Lower Upper
162 100
164 32.6 26.3 39.5
127 36.3 29.3 43.9



#45
2-Nitroaniline
Concen: 40.098 ng/ul
RT: 13.657 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion: 65 Resp: 684091
Ion Ratio Lower Upper
65 100
92 68.0 56.4 84.6
138 103.6 90.3 135.5

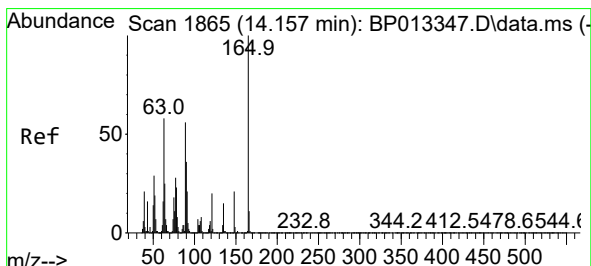
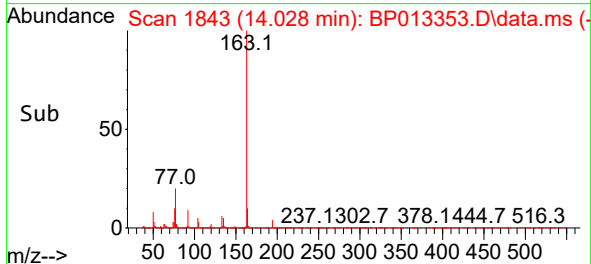
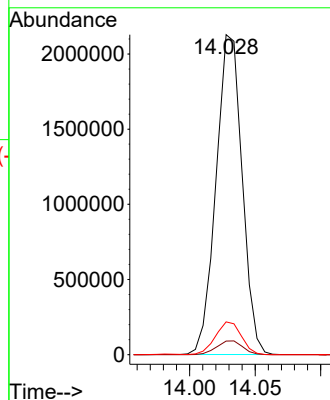
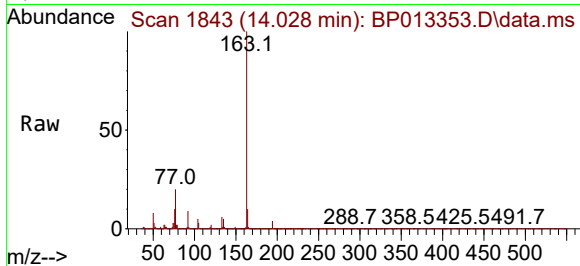




#47
Dimethylphthalate
Concen: 32.457 ng/ul
RT: 14.028 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

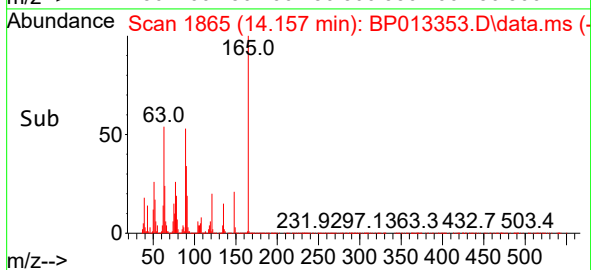
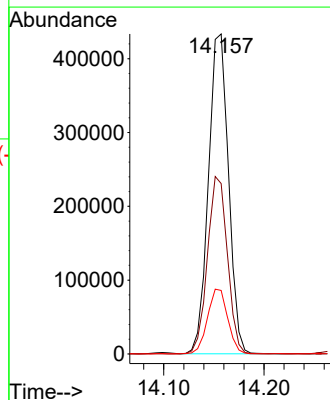
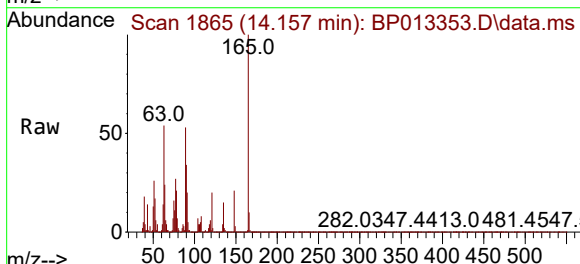
Instrument :
BNA_P
ClientSampleId :

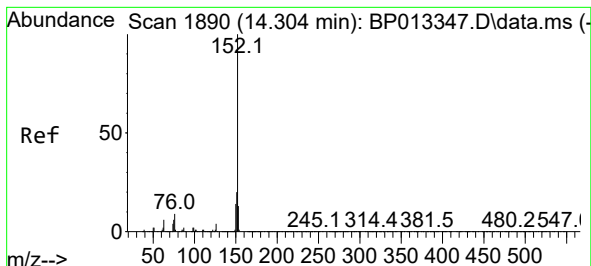
Tgt Ion:163 Resp: 2943191
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 35.702 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:165 Resp: 601644
Ion Ratio Lower Upper
165 100
89 53.2 43.0 64.4
121 19.8 16.1 24.1





#50

Acenaphthylene

Concen: 34.990 ng/ul

RT: 14.298 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

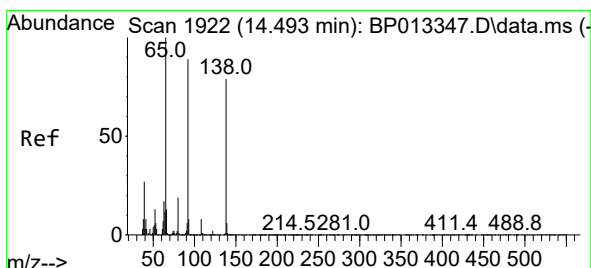
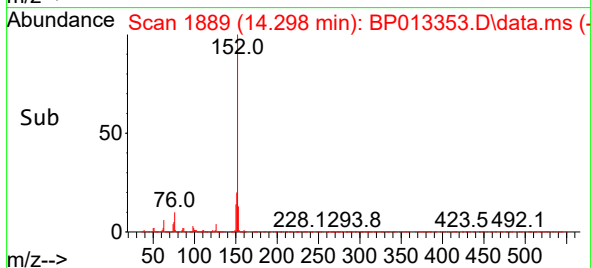
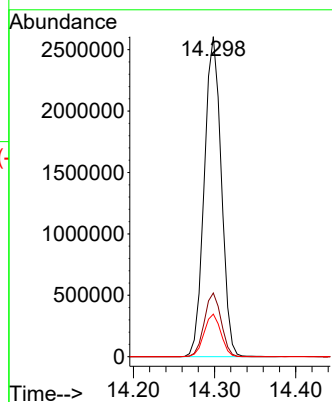
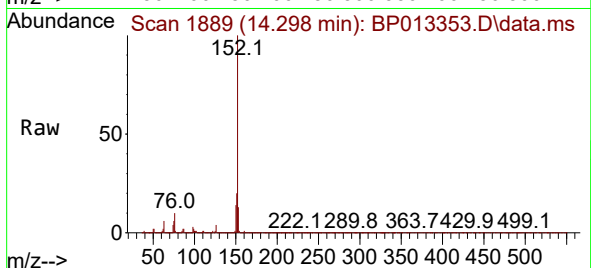
Tgt Ion:152 Resp: 3781742

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.6 16.0



#51

3-Nitroaniline

Concen: 32.928 ng/ul

RT: 14.487 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

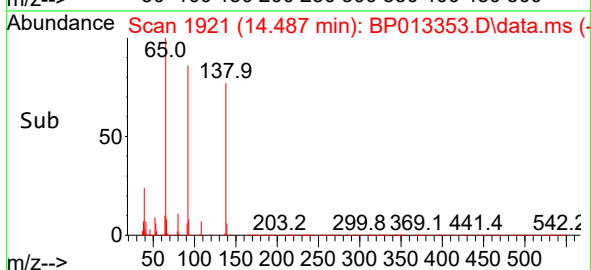
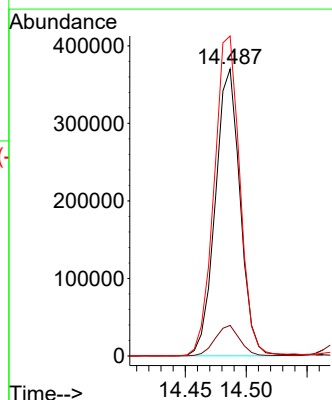
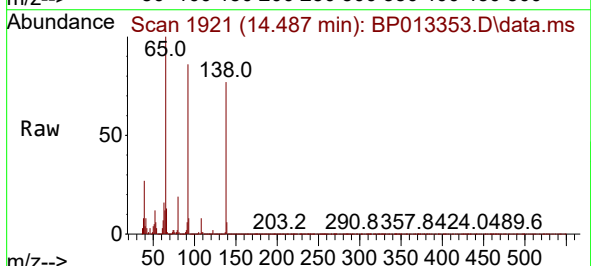
Tgt Ion:138 Resp: 523963

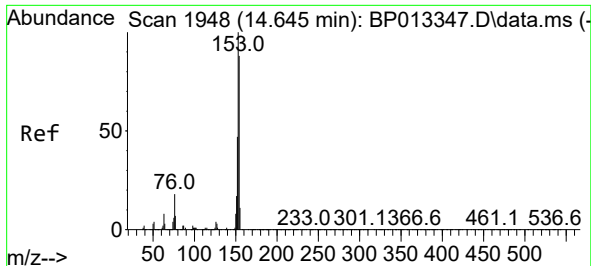
Ion Ratio Lower Upper

138 100

108 10.6 8.6 13.0

92 111.6 88.4 132.6

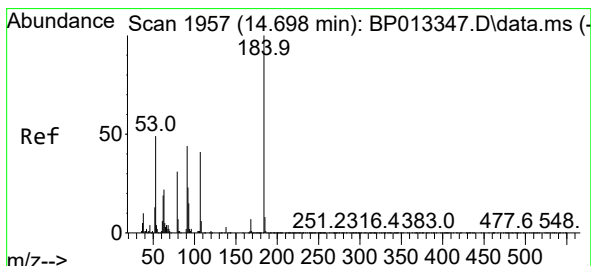
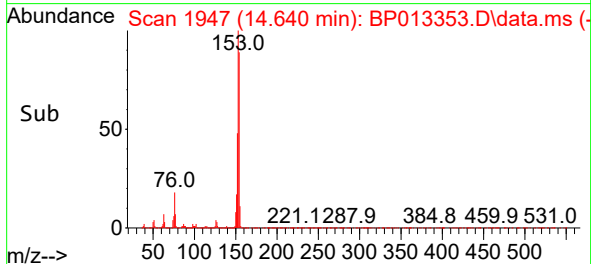
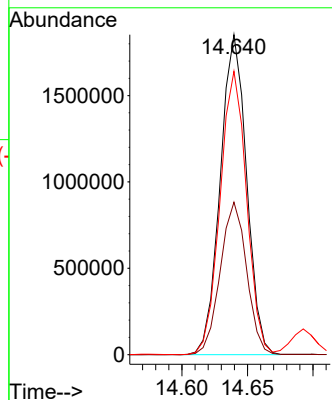
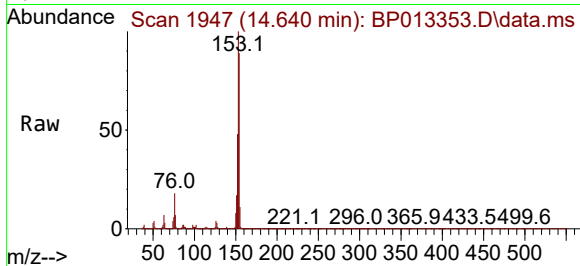




#52
Acenaphthene
Concen: 34.502 ng/ul
RT: 14.640 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

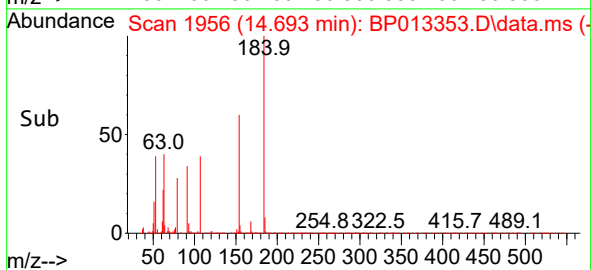
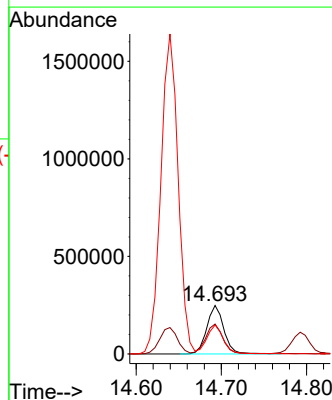
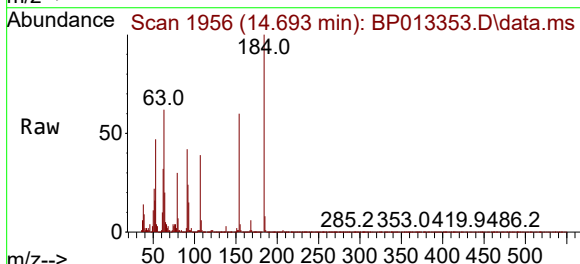
Instrument :
BNA_P
ClientSampleId :

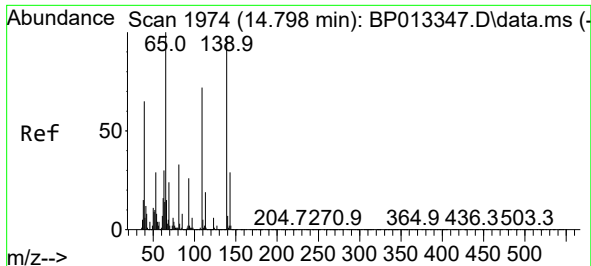
Tgt Ion:153 Resp: 2584106
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 88.6 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 30.015 ng/ul
RT: 14.693 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:184 Resp: 345744
Ion Ratio Lower Upper
184 100
63 61.8 48.4 72.6
154 59.8 45.5 68.3

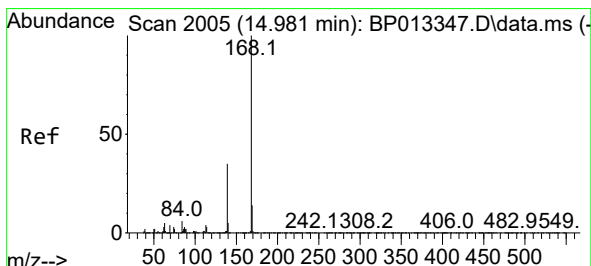
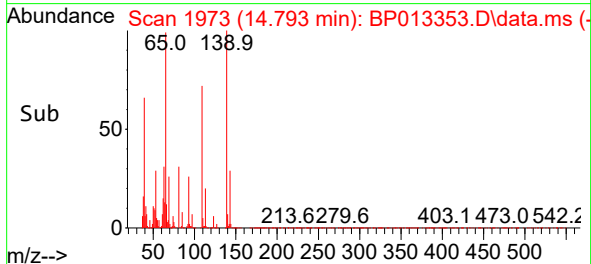
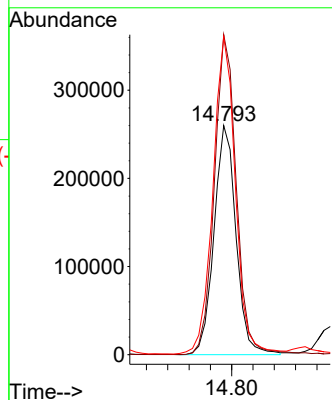
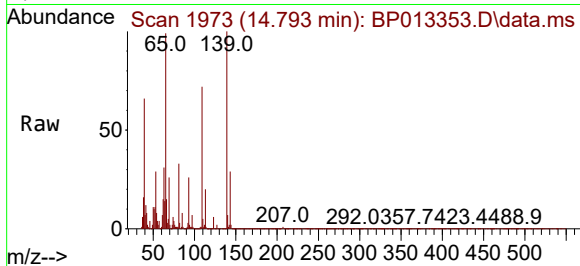




#55
4-Nitrophenol
Concen: 33.146 ng/ul
RT: 14.793 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

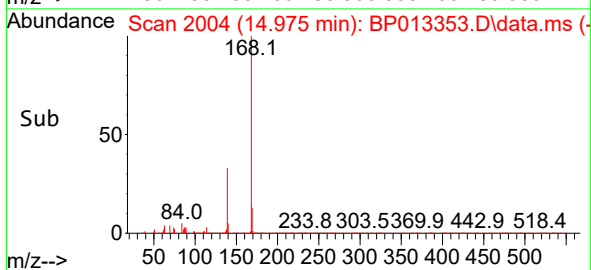
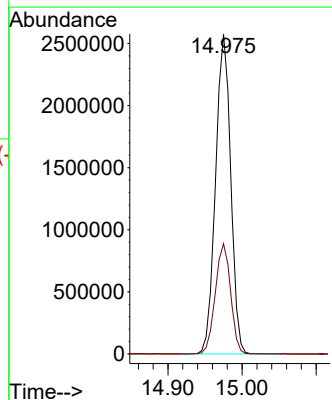
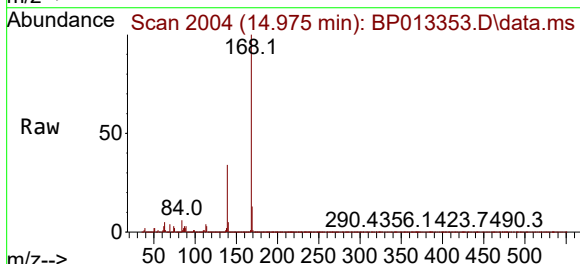
Instrument :
BNA_P
ClientSampleId :

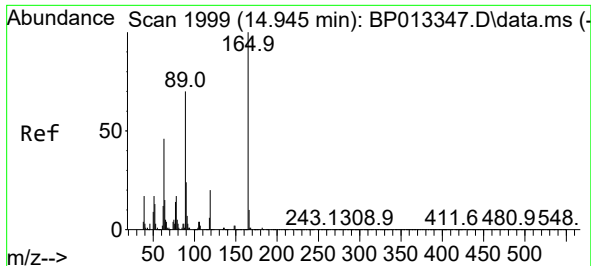
Tgt Ion:109 Resp: 372203
Ion Ratio Lower Upper
109 100
139 139.7 120.8 181.2
65 138.8 107.9 161.9



#56
Dibenzofuran
Concen: 34.305 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:168 Resp: 3653082
Ion Ratio Lower Upper
168 100
139 34.5 27.9 41.9

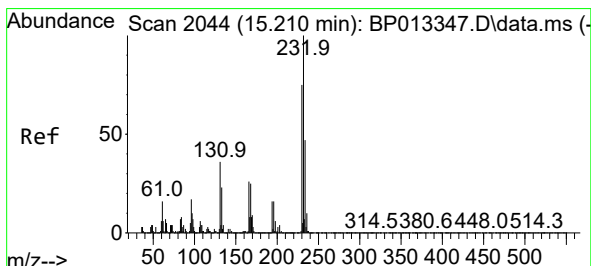
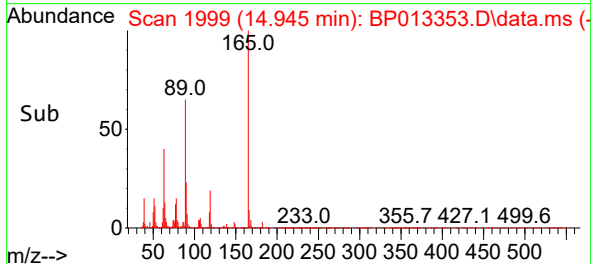
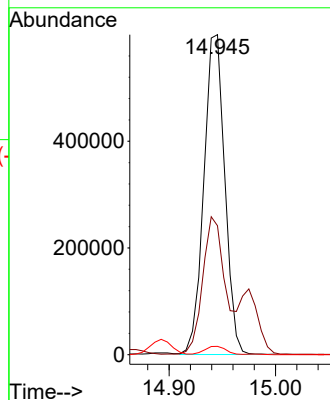
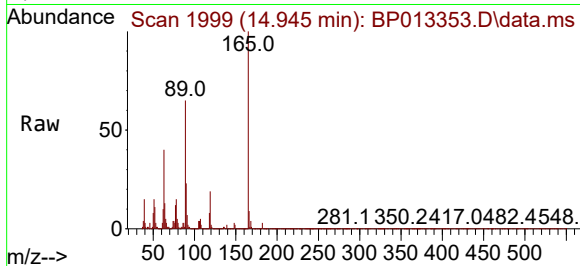




#57
2,4-Dinitrotoluene
Concen: 33.527 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

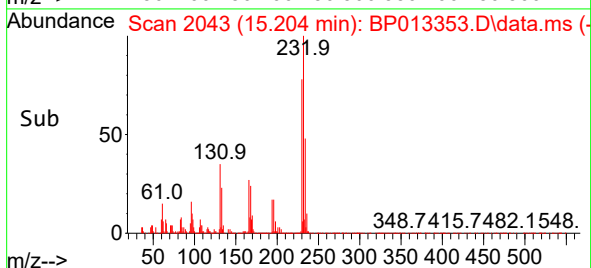
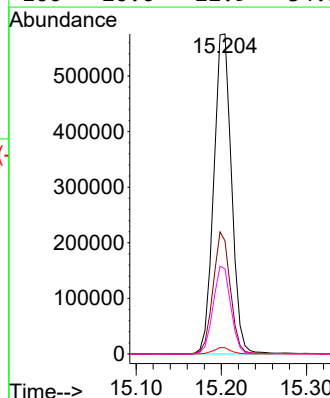
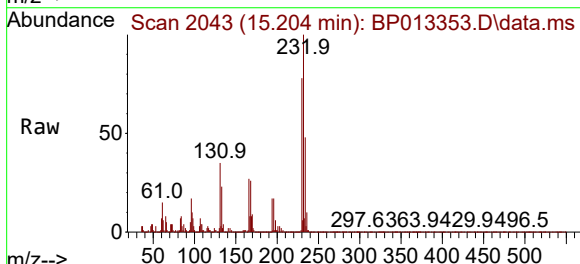
Instrument :
BNA_P
ClientSampleId :

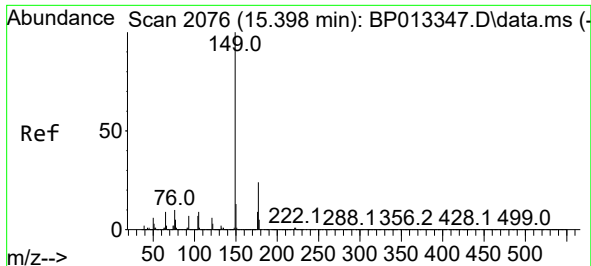
Tgt Ion:165 Resp: 820689
Ion Ratio Lower Upper
165 100
63 40.3 31.8 47.6
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.632 ng/ul
RT: 15.204 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:232 Resp: 836301
Ion Ratio Lower Upper
232 100
131 35.4 31.8 47.6
130 1.9 1.8 2.6
166 26.6 22.9 34.3

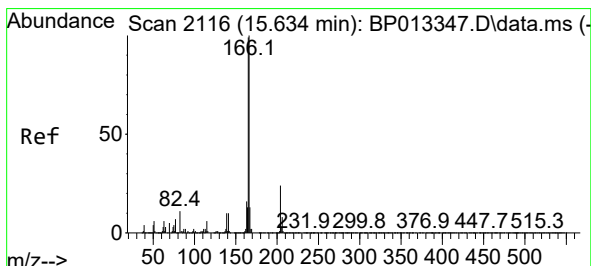
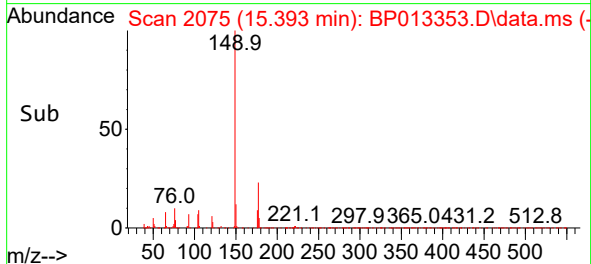
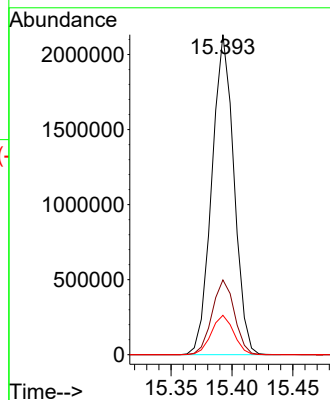
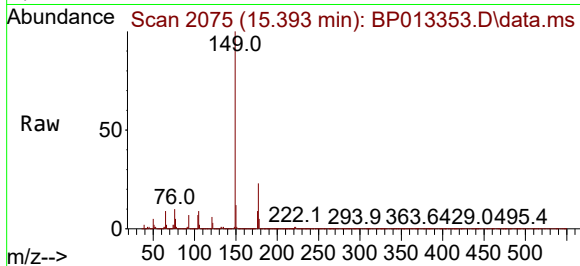




#59
Diethylphthalate
Concen: 30.496 ng/ul
RT: 15.393 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

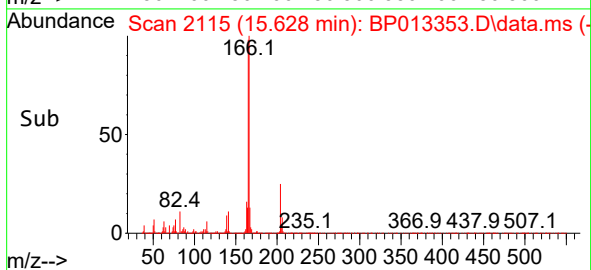
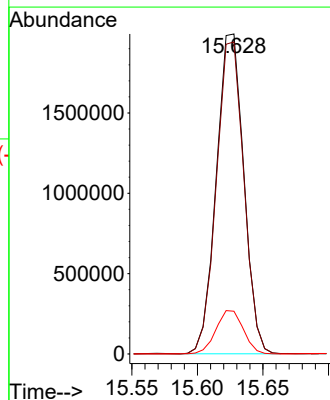
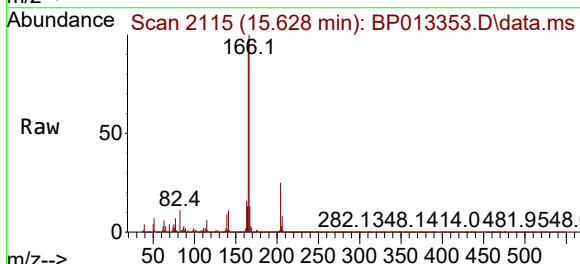
Instrument :
BNA_P
ClientSampleId :

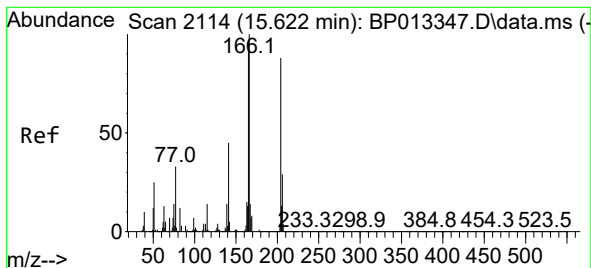
Tgt Ion:149 Resp: 2688236
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.3 9.9 14.9



#61
Fluorene
Concen: 33.987 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:166 Resp: 2902523
Ion Ratio Lower Upper
166 100
165 97.5 77.4 116.2
167 13.3 10.6 16.0

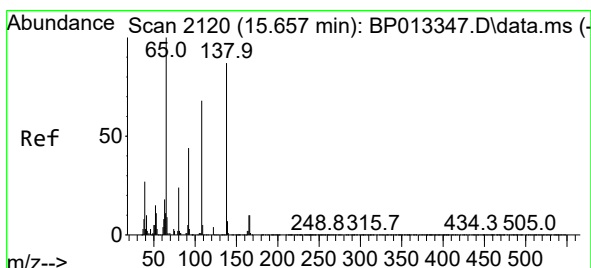
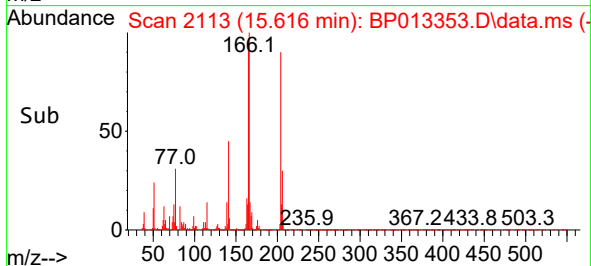
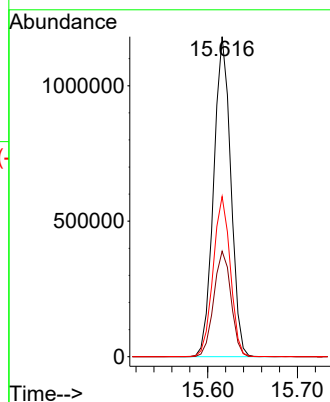
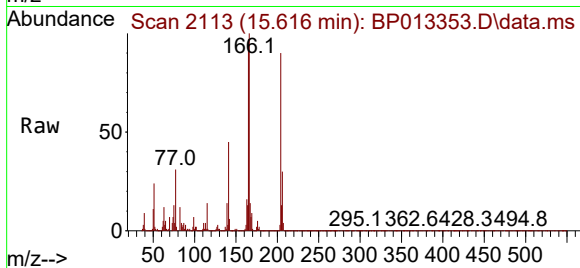




#62
4-Chlorophenyl-phenylether
Concen: 34.682 ng/ul
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

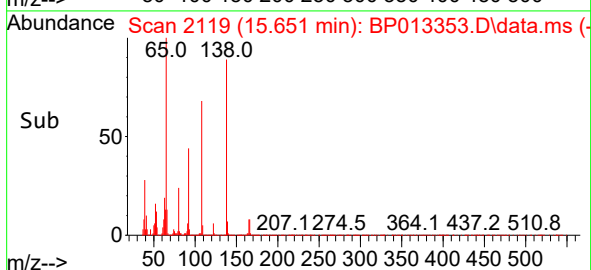
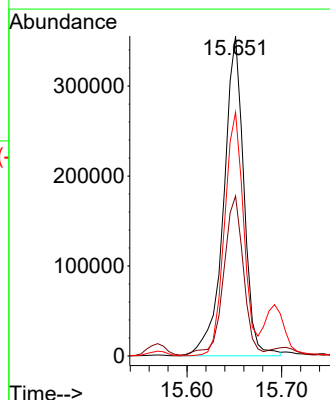
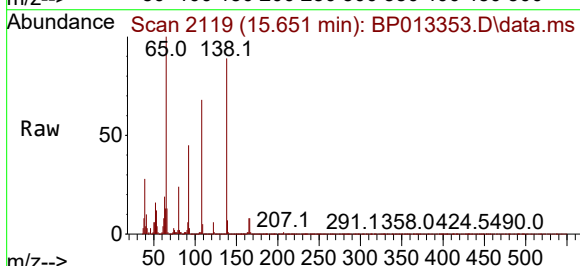
Instrument :
BNA_P
ClientSampleId :

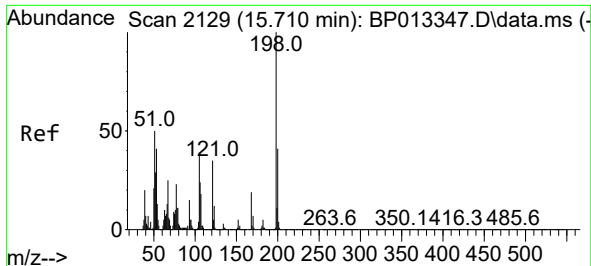
Tgt Ion:204 Resp: 1566321
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 50.1 40.4 60.6



#63
4-Nitroaniline
Concen: 37.650 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:138 Resp: 527184
Ion Ratio Lower Upper
138 100
92 50.0 39.0 58.4
108 76.2 55.1 82.7

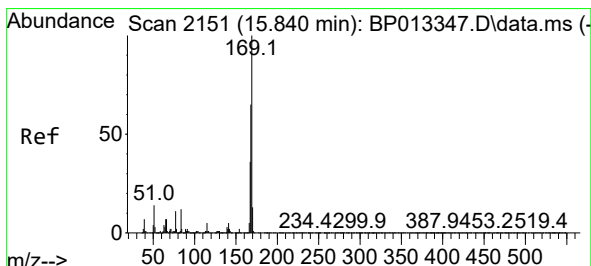
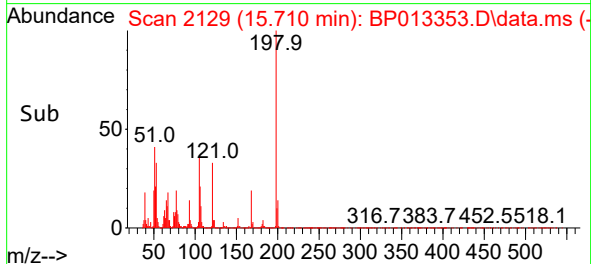
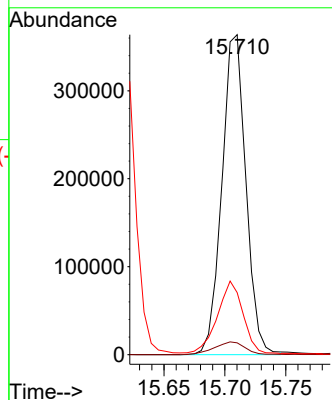
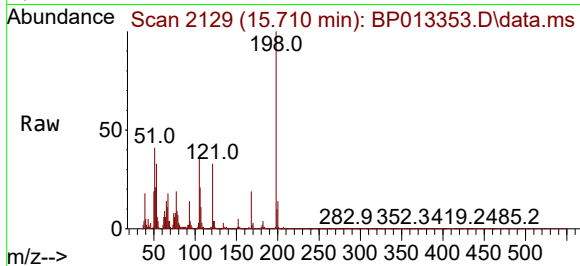




#66
4,6-Dinitro-2-methylphenol
Concen: 34.457 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

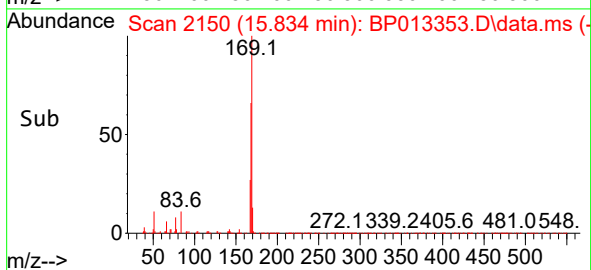
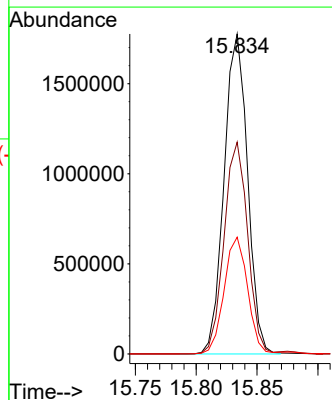
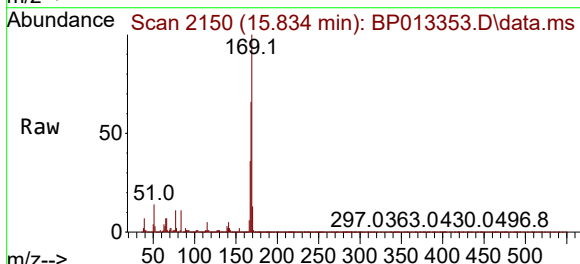
Instrument :
BNA_P
ClientSampleId :

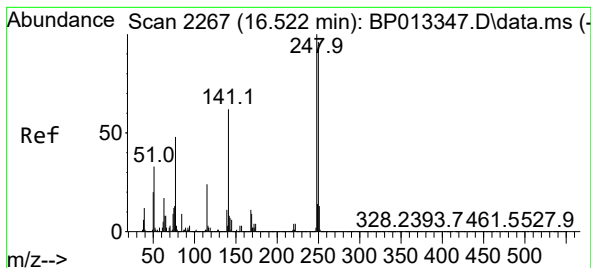
Tgt Ion:198 Resp: 498722
Ion Ratio Lower Upper
198 100
182 3.7 3.3 4.9
77 19.4 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 37.326 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:169 Resp: 2381783
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.5 29.1 43.7

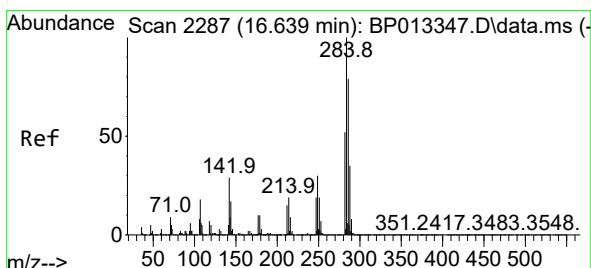
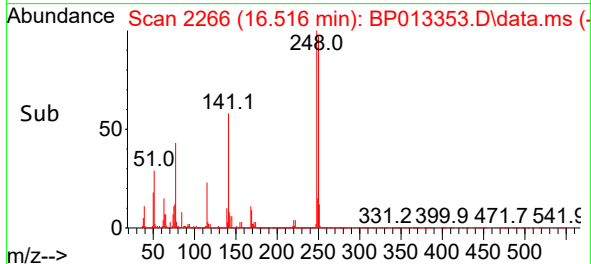
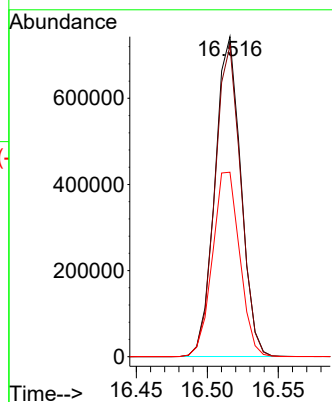
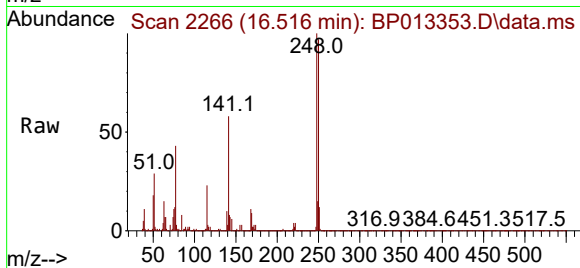




#68
4-Bromophenyl-phenylether
Concen: 37.789 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

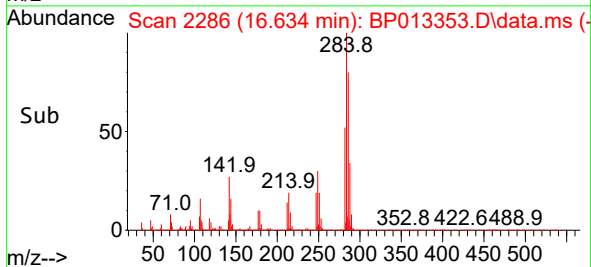
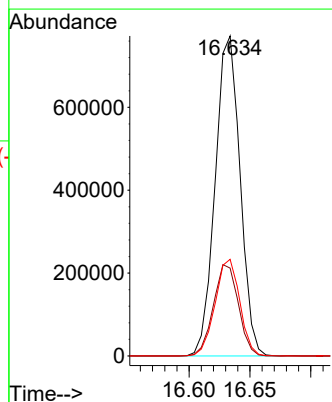
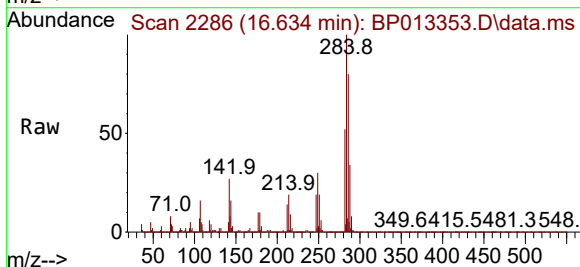
Instrument :
BNA_P
ClientSampleId :

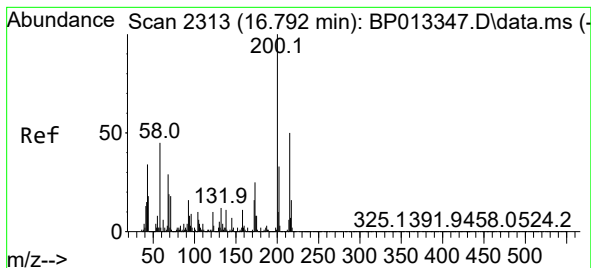
Tgt Ion:248 Resp: 944525
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 57.7 48.3 72.5



#69
Hexachlorobenzene
Concen: 36.946 ng/ul
RT: 16.634 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:284 Resp: 1096486
Ion Ratio Lower Upper
284 100
142 27.5 22.6 34.0
249 30.2 24.6 37.0





#70

Atrazine

Concen: 33.150 ng/ul

RT: 16.787 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

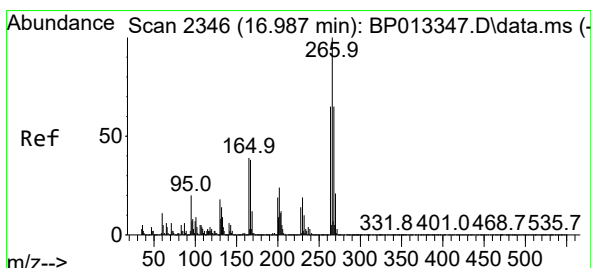
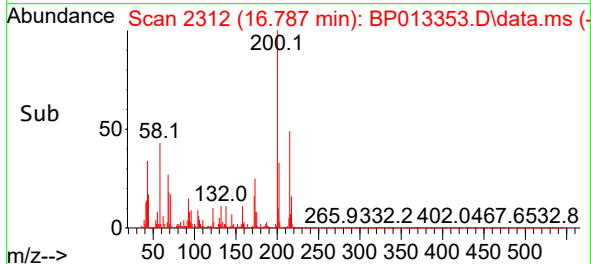
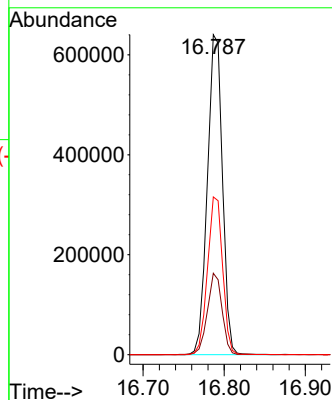
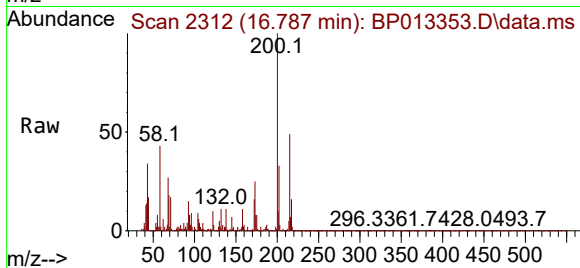
Tgt Ion:200 Resp: 824299

Ion Ratio Lower Upper

200 100

173 25.4 20.5 30.7

215 49.3 39.9 59.9



#71

Pentachlorophenol

Concen: 33.338 ng/ul

RT: 16.981 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

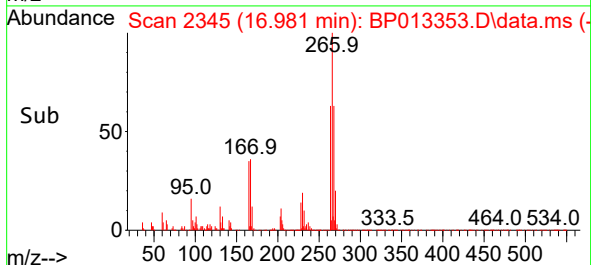
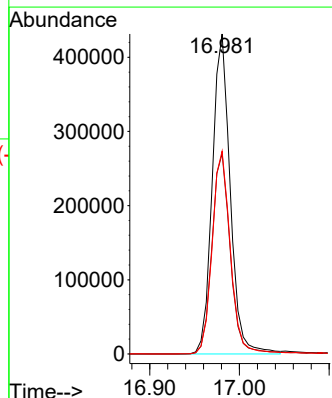
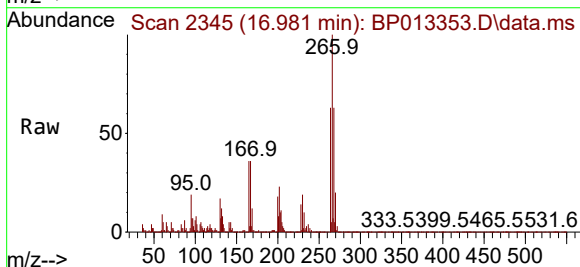
Tgt Ion:266 Resp: 599191

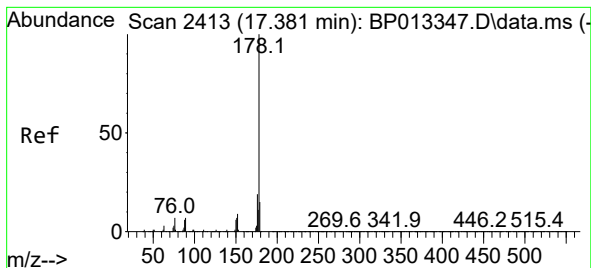
Ion Ratio Lower Upper

266 100

264 62.6 50.9 76.3

268 63.4 51.4 77.2





#72

Phenanthrene

Concen: 34.857 ng/ul

RT: 17.375 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

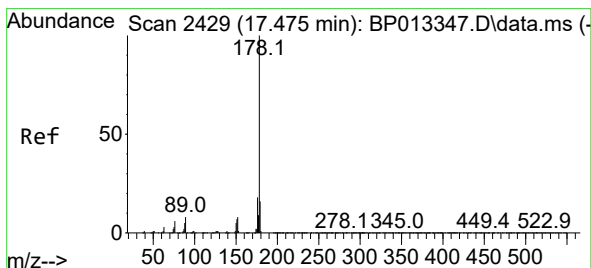
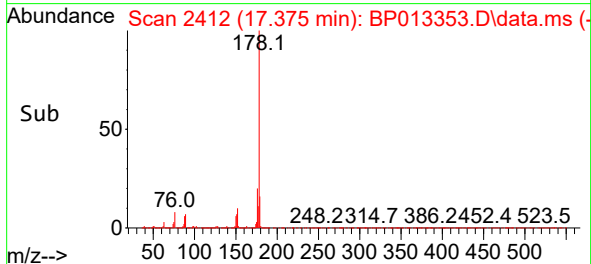
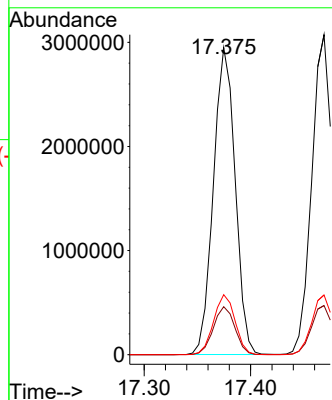
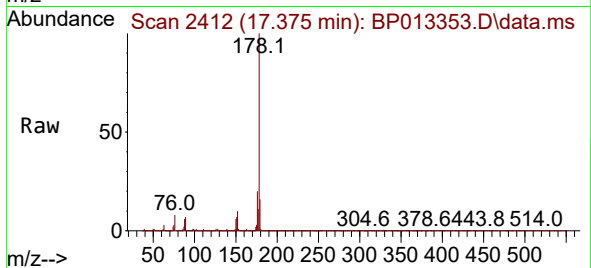
Tgt Ion:178 Resp: 4178663

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.6 15.4 23.0



#74

Anthracene

Concen: 35.267 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

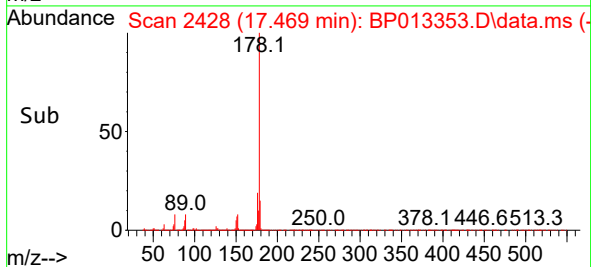
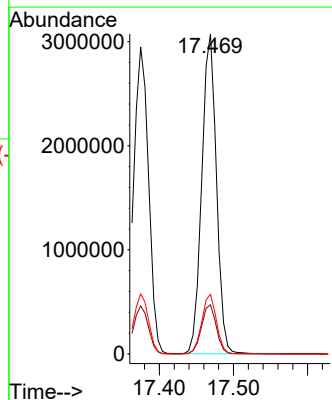
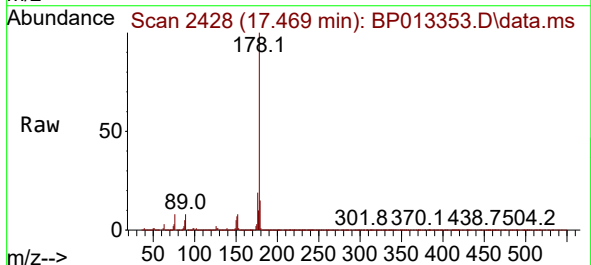
Tgt Ion:178 Resp: 4221480

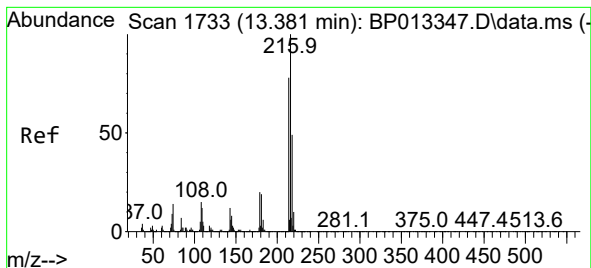
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.7 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 44.826 ng/uL

RT: 13.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

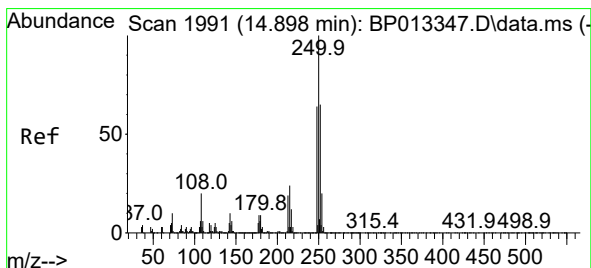
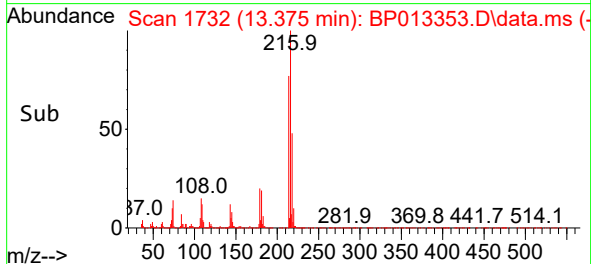
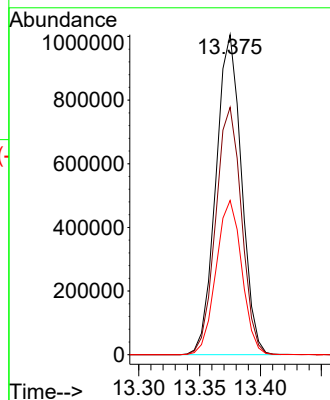
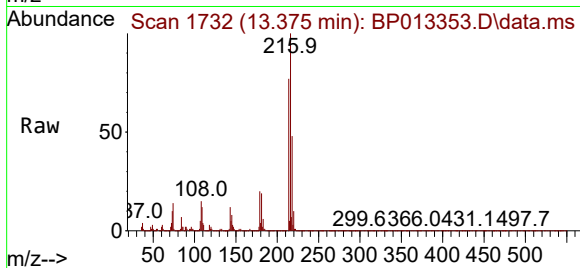
Tgt Ion:216 Resp: 1471962

Ion Ratio Lower Upper

216 100

214 77.3 62.2 93.2

218 48.2 38.9 58.3



#76

Pentachlorobenzene

Concen: 40.476 ng/uL

RT: 14.893 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

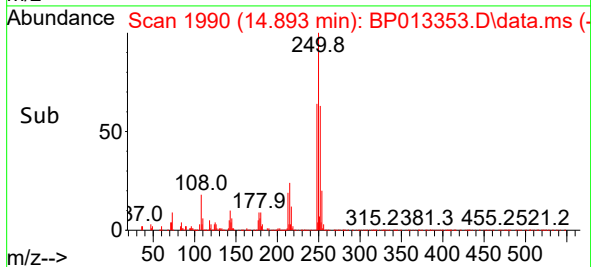
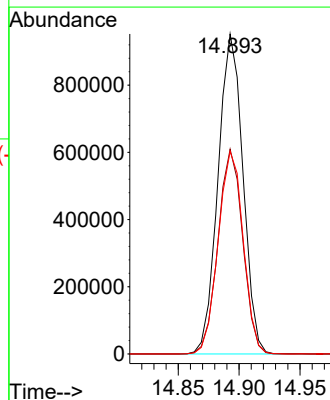
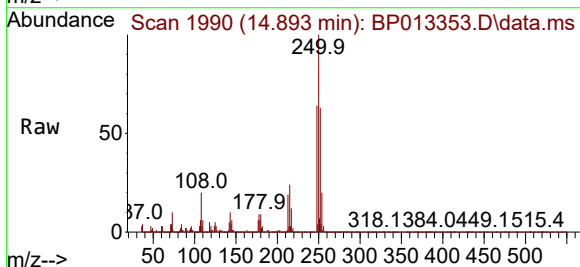
Tgt Ion:250 Resp: 1355091

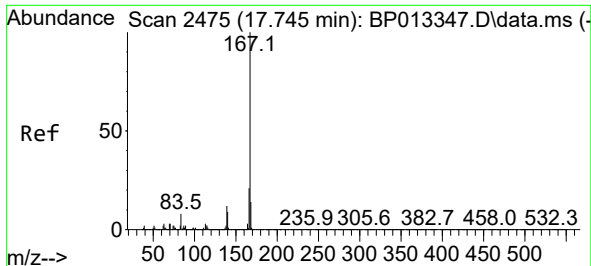
Ion Ratio Lower Upper

250 100

248 64.0 50.6 76.0

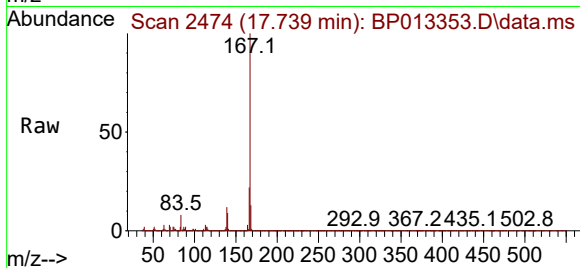
252 63.3 51.1 76.7



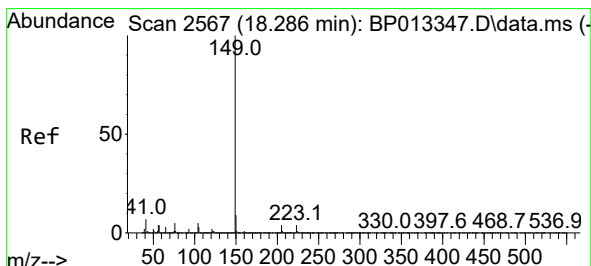
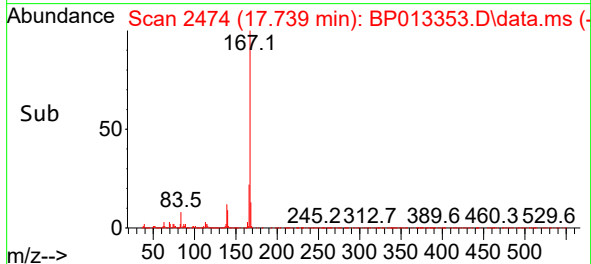
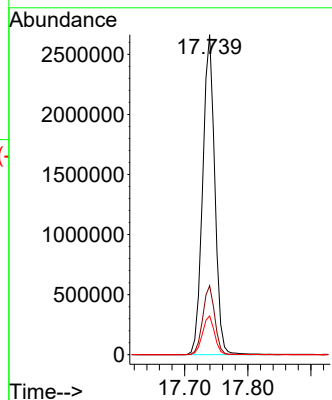


#77
 Carbazole
 Concen: 35.174 ng/ul
 RT: 17.739 min Scan# 2475
 Delta R.T. 0.000 min
 Lab File: BP013353.D
 Acq: 28 Dec 2022 15:46

Instrument :
 BNA_P
 ClientSampleId :

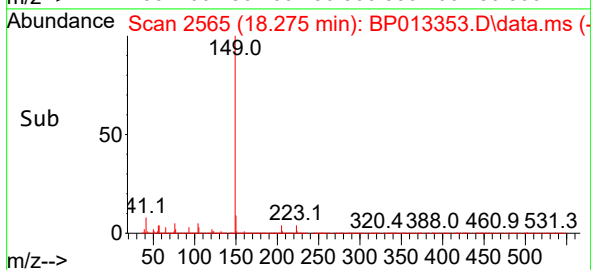
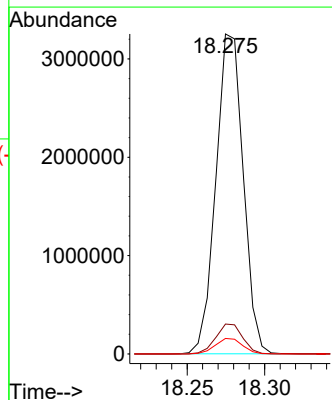
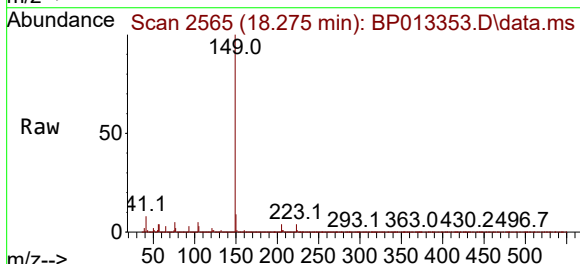


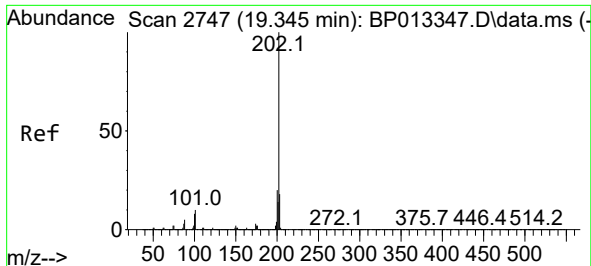
Tgt Ion:167 Resp: 3545792
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.1 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 32.548 ng/ul
 RT: 18.275 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BP013353.D
 Acq: 28 Dec 2022 15:46

Tgt Ion:149 Resp: 3994986
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 3.8 5.6

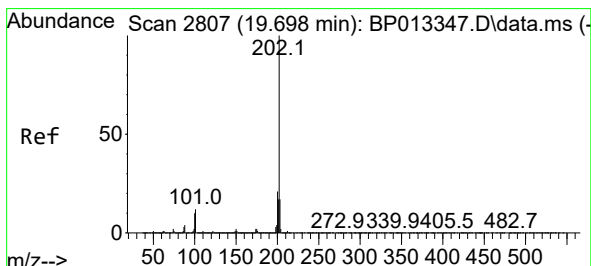
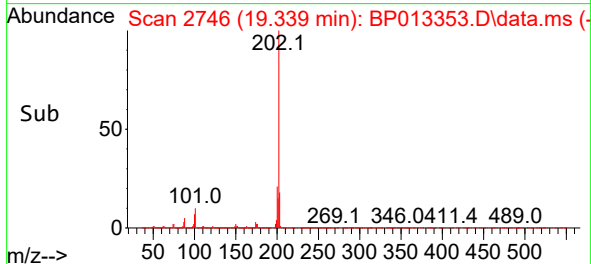
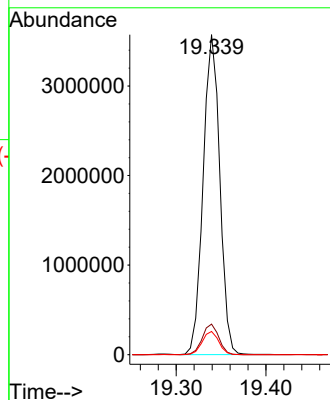
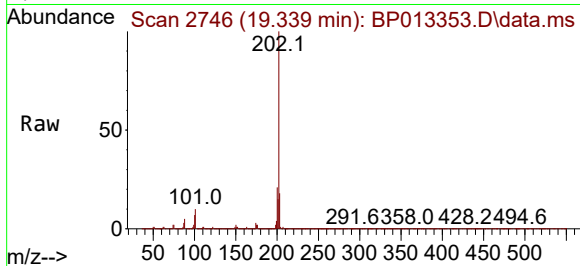




#80
Fluoranthene
Concen: 36.089 ng/u1
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

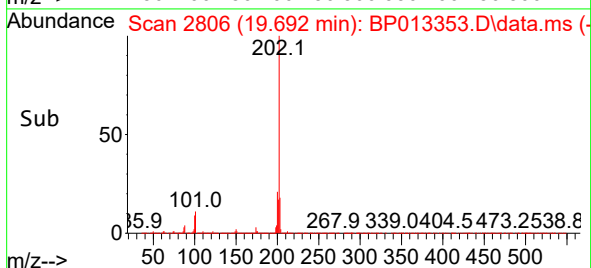
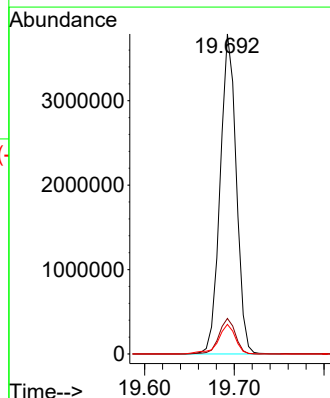
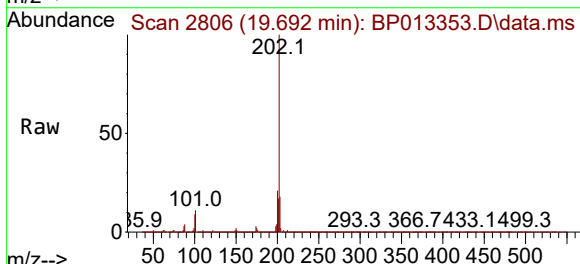
Instrument :
BNA_P
ClientSampleId :

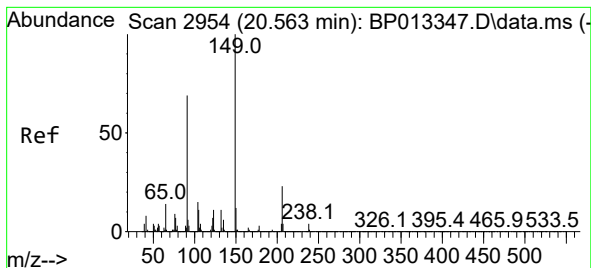
Tgt Ion:202 Resp: 4596817
Ion Ratio Lower Upper
202 100
101 9.5 8.2 12.2
100 7.2 6.1 9.1



#82
Pyrene
Concen: 36.024 ng/u1
RT: 19.692 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:202 Resp: 4733287
Ion Ratio Lower Upper
202 100
101 11.1 9.4 14.2
100 9.3 7.8 11.8





#83

Butylbenzylphthalate

Concen: 31.911 ng/ul

RT: 20.557 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

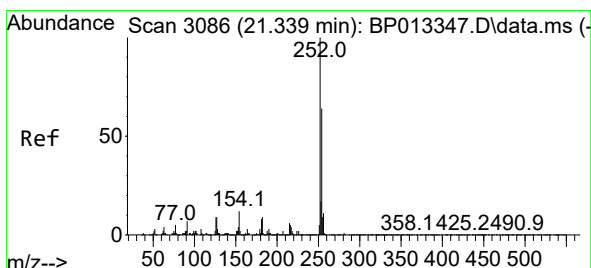
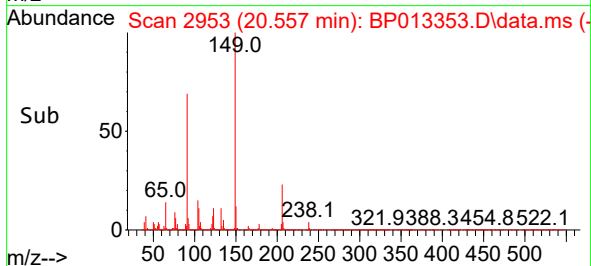
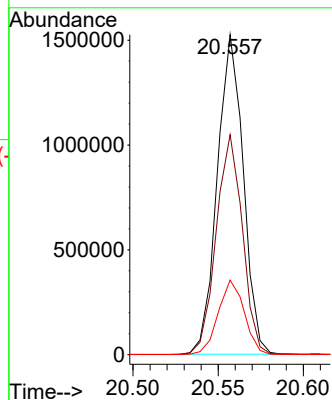
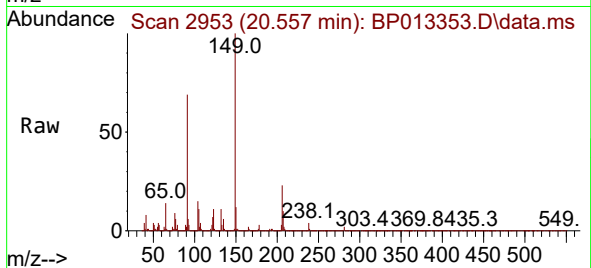
Tgt Ion:149 Resp: 1619806

Ion Ratio Lower Upper

149 100

91 68.7 53.4 80.0

206 23.3 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 30.567 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

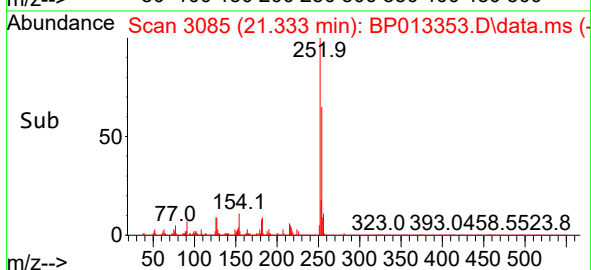
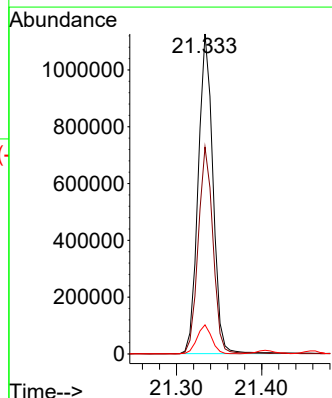
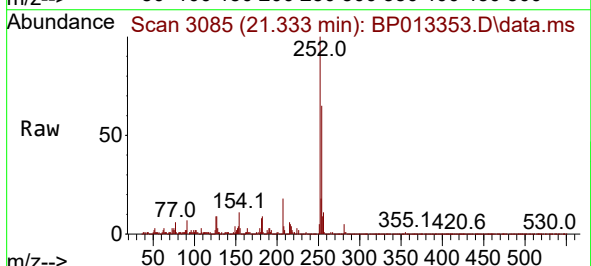
Tgt Ion:252 Resp: 1350103

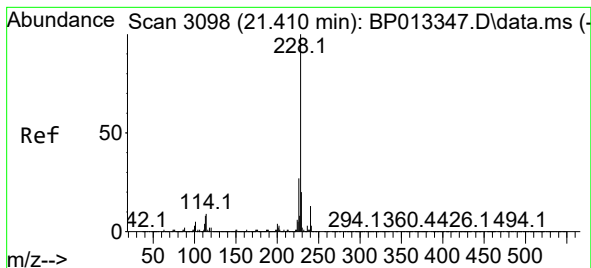
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.8

126 9.1 7.4 11.2





#85

Benzo(a)anthracene

Concen: 35.241 ng/ul

RT: 21.404 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

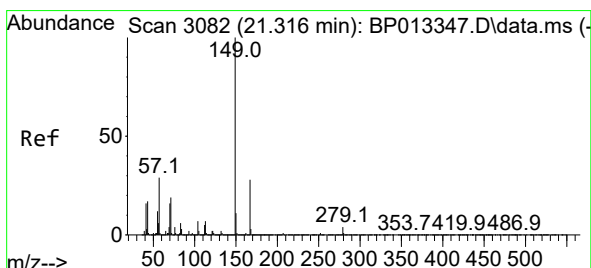
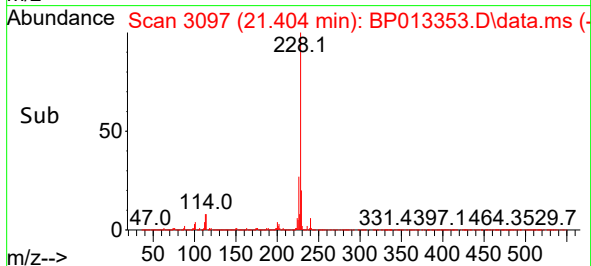
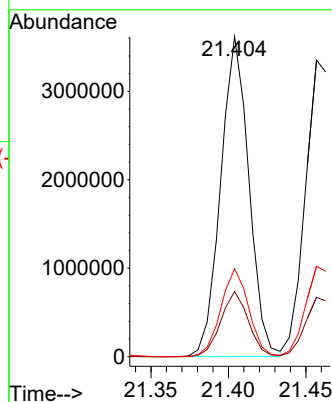
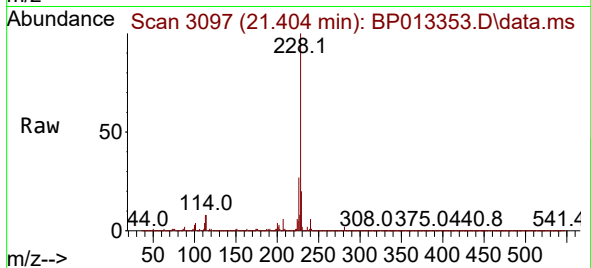
Tgt Ion:228 Resp: 4574010

Ion Ratio Lower Upper

228 100

229 20.3 16.1 24.1

226 27.5 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.284 ng/ul

RT: 21.310 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

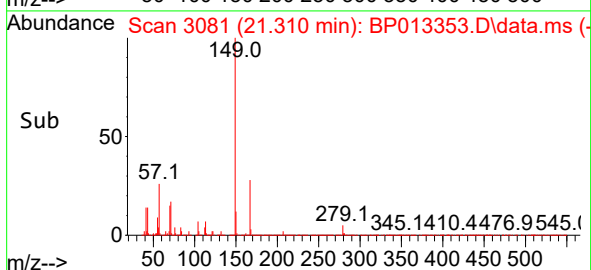
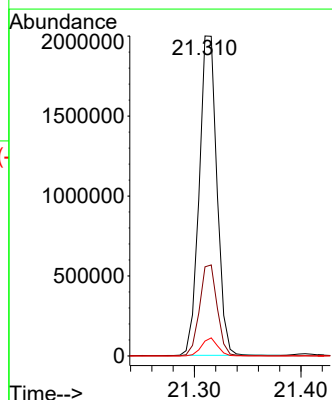
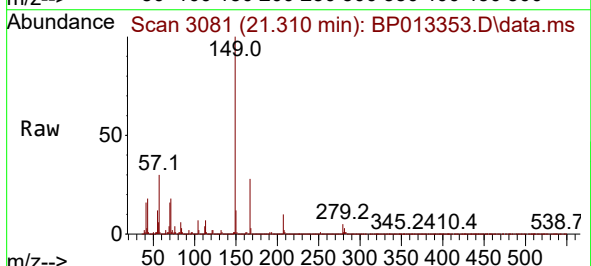
Tgt Ion:149 Resp: 2311618

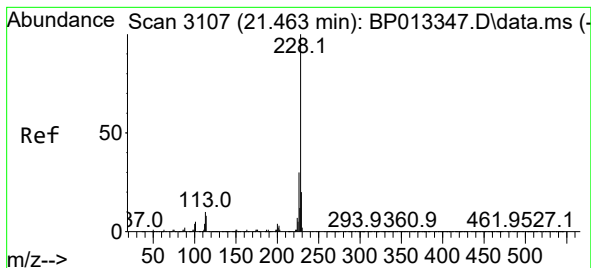
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.7 3.8 5.8





#87

Chrysene

Concen: 35.574 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

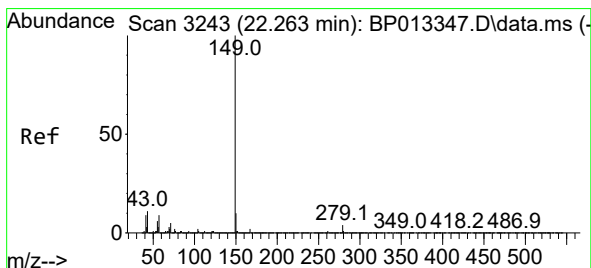
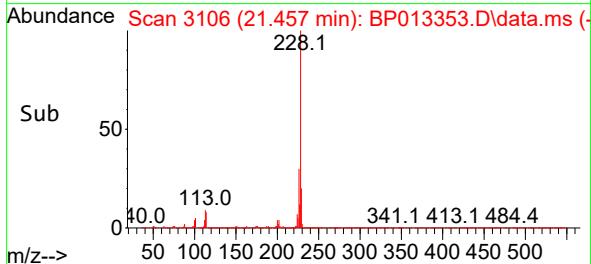
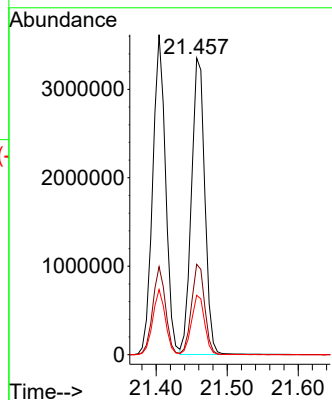
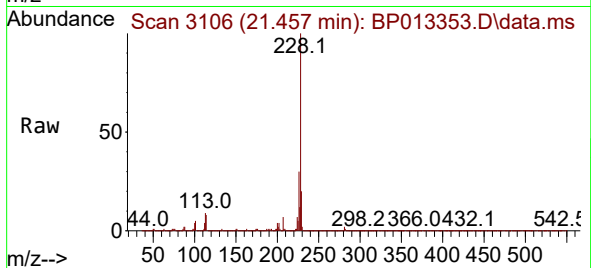
Tgt Ion:228 Resp: 4366367

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 30.158 ng/ul

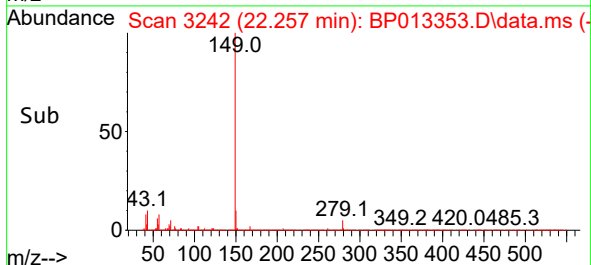
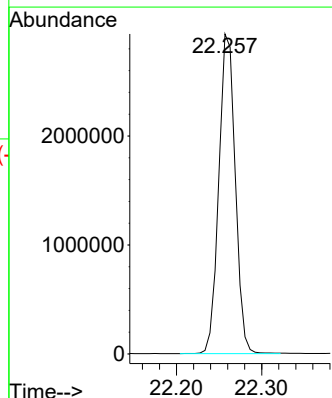
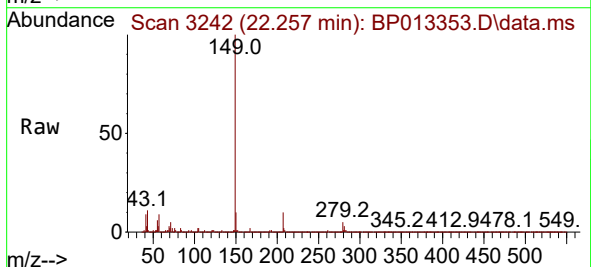
RT: 22.257 min Scan# 3242

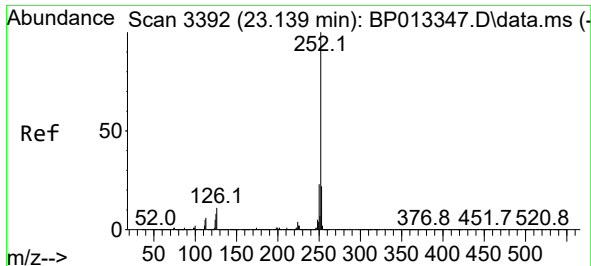
Delta R.T. -0.006 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Tgt Ion:149 Resp: 3939740

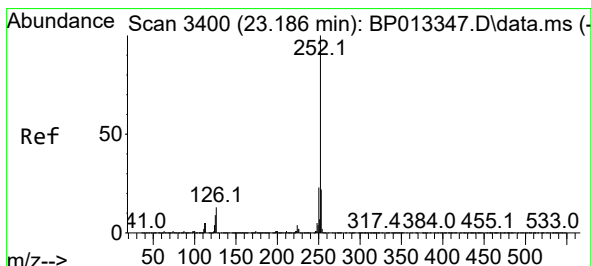
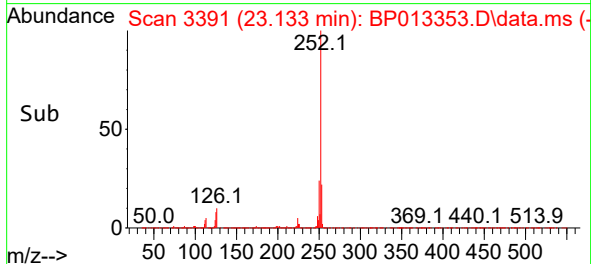
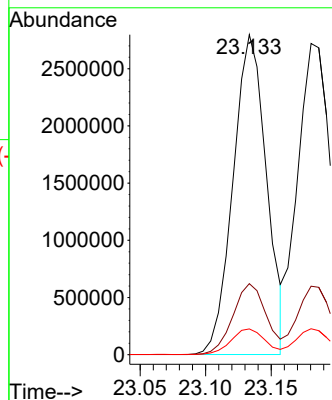
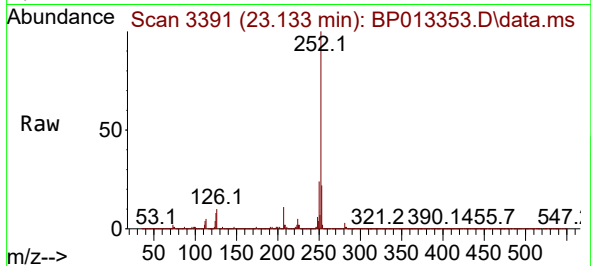




#90
Benzo(b)fluoranthene
Concen: 33.359 ng/ul
RT: 23.133 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

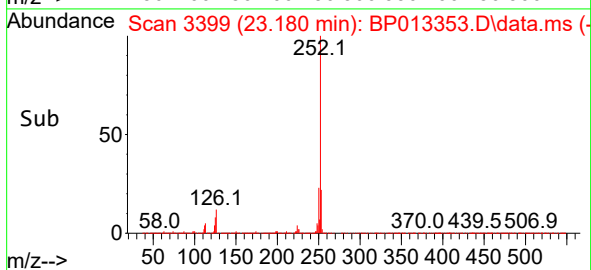
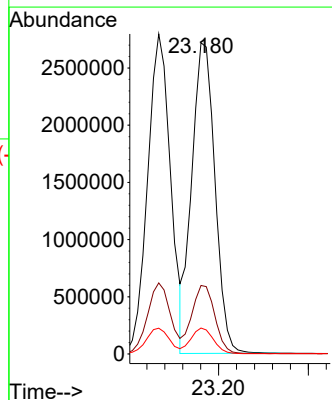
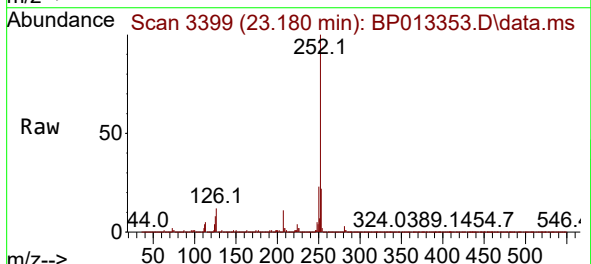
Instrument :
BNA_P
ClientSampleId :

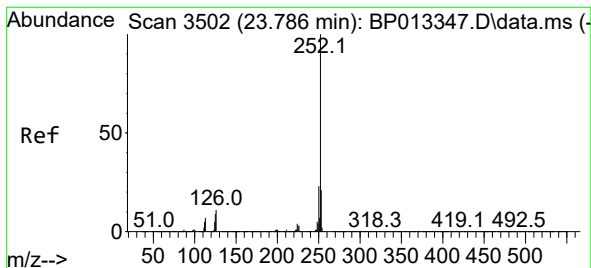
Tgt Ion:252 Resp: 4960332
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.0 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 33.135 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP013353.D
Acq: 28 Dec 2022 15:46

Tgt Ion:252 Resp: 4885738
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 35.008 ng/ul

RT: 23.780 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

Instrument :

BNA_P

ClientSampleId :

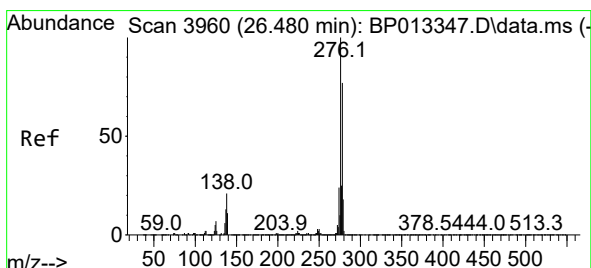
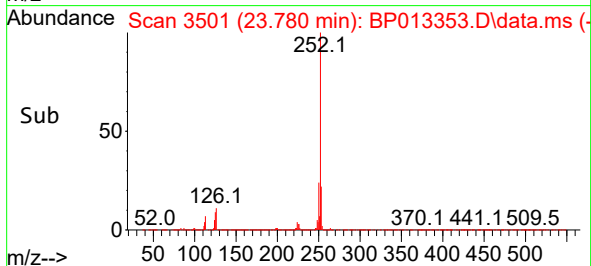
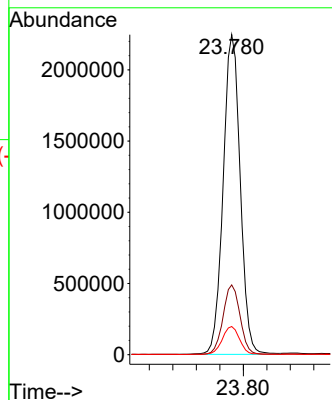
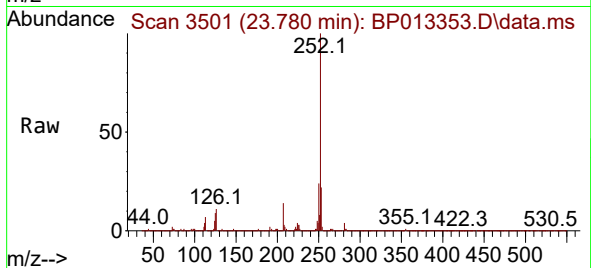
Tgt Ion:252 Resp: 4532654

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.8 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.291 ng/ul

RT: 26.474 min Scan# 3959

Delta R.T. 0.000 min

Lab File: BP013353.D

Acq: 28 Dec 2022 15:46

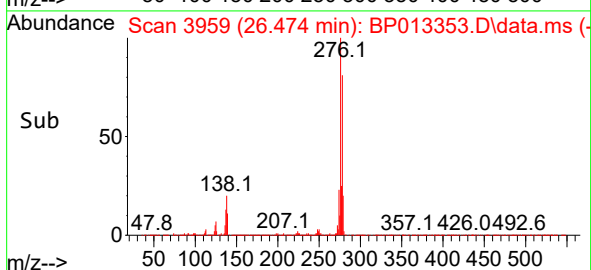
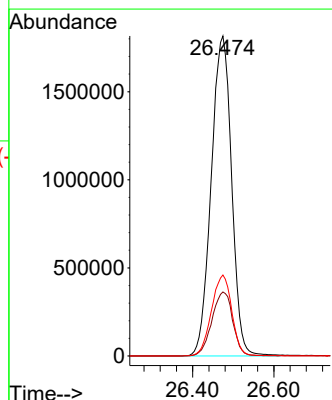
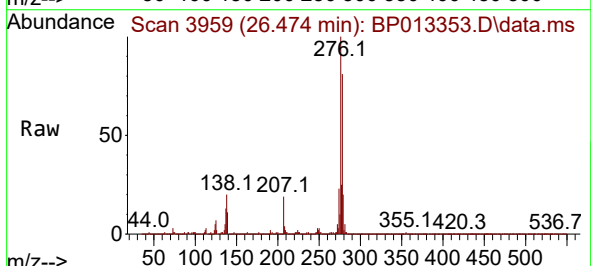
Tgt Ion:276 Resp: 6336693

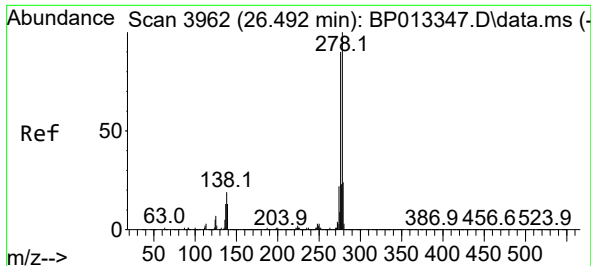
Ion Ratio Lower Upper

276 100

138 20.0 17.1 25.7

277 25.3 20.0 30.0

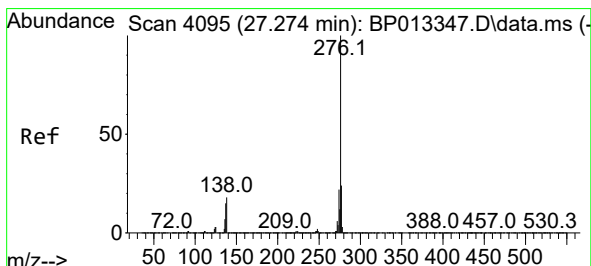
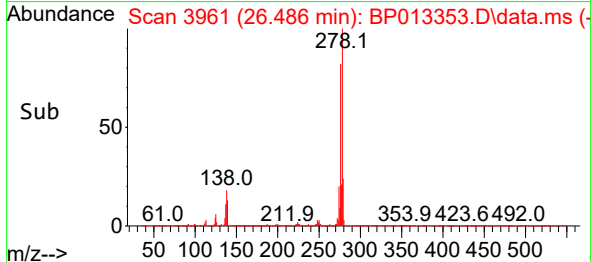
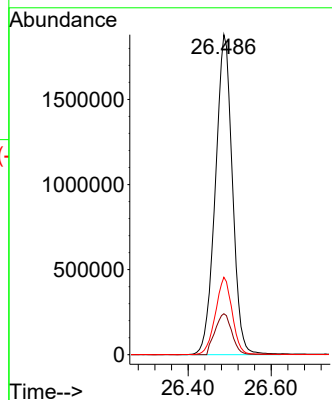
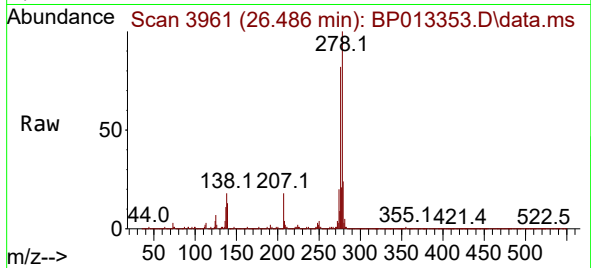




#95
 Dibenzo(a,h)anthracene
 Concen: 40.109 ng/ul
 RT: 26.486 min Scan# 3961
 Delta R.T. -0.006 min
 Lab File: BP013353.D
 Acq: 28 Dec 2022 15:46

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 5355757
 Ion Ratio Lower Upper
 278 100
 139 12.8 11.1 16.7
 279 24.2 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 40.754 ng/ul
 RT: 27.262 min Scan# 4093
 Delta R.T. 0.000 min
 Lab File: BP013353.D
 Acq: 28 Dec 2022 15:46

Tgt Ion:276 Resp: 5276633
 Ion Ratio Lower Upper
 276 100
 138 18.1 15.4 23.2
 277 24.1 19.1 28.7

