

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
 Data File : BP013356.D
 Acq On : 28 Dec 2022 17:28
 Operator : CG/JU
 Sample : PB149897BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 29 14:31:48 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	460018	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1983387	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	1328743	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	2895389	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	2045010	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	1986936	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	65054	6.046	ng/uL	0.00
4) Pyridine-d5	3.746	84	941633	30.810	ng/u1	0.00
7) Phenol-d5	7.093	99	1261553	33.669	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	755151	33.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	984642	33.382	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	1010802	32.923	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	486276	33.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	570822	34.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	1094390	34.344	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	1268223	28.191	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	3202348	31.359	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	3629570	32.345	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	568281	30.936	ng/u1	0.00
60) Fluorene-d10	15.569	176	2753845	31.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	601392	32.277	ng/u1	0.00
73) Anthracene-d10	17.434	188	4219913	32.306	ng/u1	0.00
81) Pyrene-d10	19.663	212	4518099	38.490	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	3255279	32.869	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	139106	12.385	ng/uL#	90
5) Pyridine	3.770	79	992269	32.667	ng/u1	96
6) Benzaldehyde	7.069	77	775021	52.824	ng/u1	98
8) Phenol	7.122	94	1312016	34.631	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.352	93	1025662	32.985	ng/u1	96
12) 2-Chlorophenol	7.493	128	1025713	33.910	ng/u1	97
13) 2-Methylphenol	8.375	108	988435	33.466	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1581162	37.057	ng/u1	97
16) Acetophenone	8.763	105	1616230	34.333	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.746	70	844037	35.655	ng/u1	93
18) 4-Methylphenol	8.710	108	1100749	33.647	ng/u1	99
19) Hexachloroethane	9.010	117	406844	33.658	ng/u1	99
22) Nitrobenzene	9.146	77	1201661	35.141	ng/u1	98
23) Isophorone	9.669	82	2368113	34.249	ng/u1	97
25) 2-Nitrophenol	9.857	139	612064	34.432	ng/u1	94
26) 2,4-Dimethylphenol	9.916	107	1172426	33.803	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.152	93	1442154	32.619	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	1082682	34.685	ng/u1	99
30) Naphthalene	10.793	128	3356219	32.356	ng/u1	100
32) 4-Chloroaniline	10.904	127	1289082	28.957	ng/u1	99
33) Hexachlorobutadiene	11.075	225	743219	34.677	ng/u1	98
34) Caprolactam	11.699	113	201864	18.966	ng/u1	95
35) 4-Chloro-3-methylphenol	12.028	107	1130565	35.490	ng/u1	100
36) 2-Methylnaphthalene	12.399	142	2343036	32.926	ng/u1	100

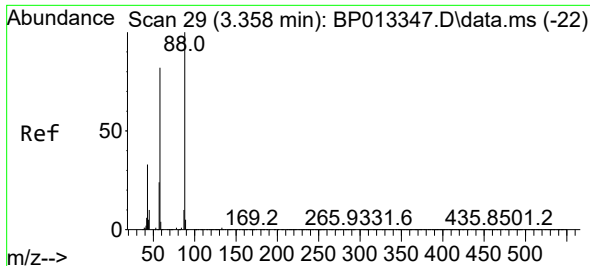
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	2341337	31.993	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	1470256	34.363	ng/ul	98
40) Hexachlorocyclopentadiene	12.740	237	814141	29.241	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	962703	35.011	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	1042143	35.284	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	3242004	32.487	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	2581680	32.870	ng/ul	100
45) 2-Nitroaniline	13.657	65	740395	38.881	ng/ul	94
47) Dimethylphthalate	14.028	163	3300922	32.613	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	673242	35.792	ng/ul	98
50) Acenaphthylene	14.298	152	3934051	32.610	ng/ul	100
51) 3-Nitroaniline	14.481	138	608652	34.268	ng/ul	96
52) Acenaphthene	14.640	153	2691650	32.197	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	383471	29.825	ng/ul	100
55) 4-Nitrophenol	14.793	109	441115	35.194	ng/ul	94
56) Dibenzofuran	14.975	168	3883045	32.669	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	961738	35.199	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.198	232	936015	34.726	ng/ul	98
59) Diethylphthalate	15.392	149	3163461	32.152	ng/ul	98
61) Fluorene	15.628	166	3156934	33.118	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	1709226	33.906	ng/ul	100
63) 4-Nitroaniline	15.651	138	656677	42.016	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.710	198	595676	32.715	ng/ul	98
67) N-Nitrosodiphenylamine	15.834	169	2701859	33.659	ng/ul	100
68) 4-Bromophenyl-phenylether	16.516	248	1093798	34.786	ng/ul	98
69) Hexachlorobenzene	16.634	284	1292093	34.608	ng/ul	98
70) Atrazine	16.787	200	1038469	33.198	ng/ul	100
71) Pentachlorophenol	16.981	266	718478	31.777	ng/ul	98
72) Phenanthrene	17.375	178	4955245	32.858	ng/ul	100
74) Anthracene	17.469	178	5001623	33.215	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	1500728	36.329	ng/ul	100
76) Pentachlorobenzene	14.893	250	1458949	34.641	ng/ul	100
77) Carbazole	17.739	167	4309969	33.986	ng/ul	99
78) Di-n-butylphthalate	18.275	149	5032446	32.592	ng/ul	99
80) Fluoranthene	19.339	202	5480954	41.139	ng/ul	98
82) Pyrene	19.692	202	5561232	40.466	ng/ul	98
83) Butylbenzylphthalate	20.557	149	1811012	34.110	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.333	252	1446898	31.319	ng/ul	99
85) Benzo(a)anthracene	21.404	228	4581598	33.748	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	2455929	32.792	ng/ul	100
87) Chrysene	21.457	228	4314328	33.605	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	3705491	33.289	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	4344020	34.285	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	4058549	32.303	ng/ul	99
93) Benzo(a)pyrene	23.774	252	3729273	33.803	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	5101271	37.122	ng/ul	97
95) Dibenzo(a,h)anthracene	26.480	278	4328903	38.047	ng/ul	99
96) Benzo(g,h,i)perylene	27.257	276	4285661	38.847	ng/ul	98

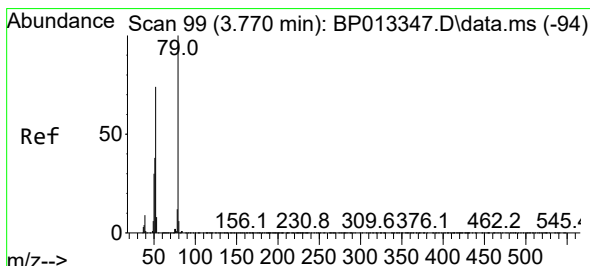
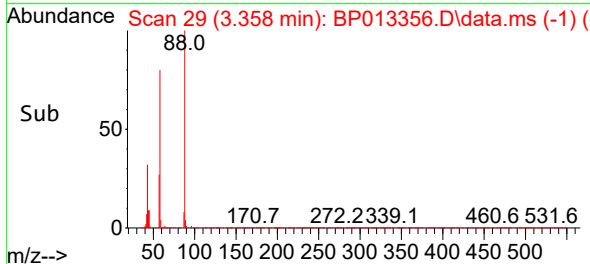
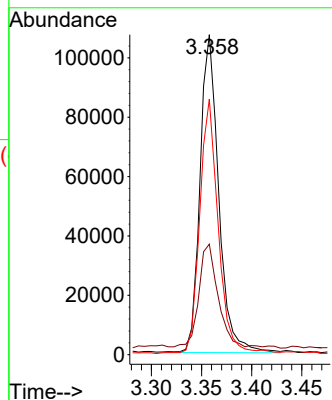
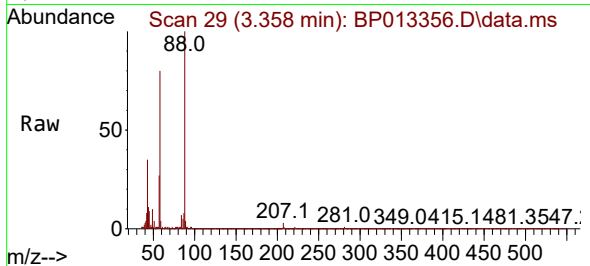
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#2
1,4-Dioxane
Concen: 12.385 ng/uL
RT: 3.358 min Scan# 29
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

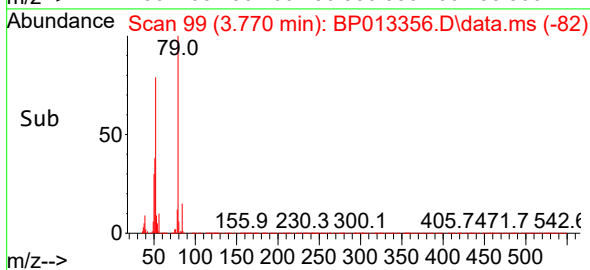
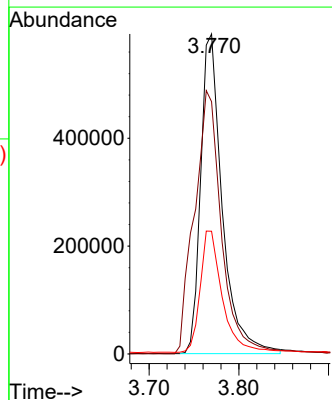
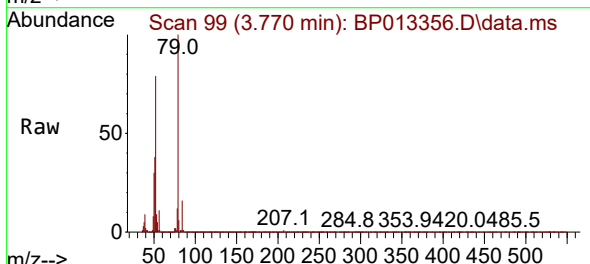
Instrument :
BNA_P
ClientSampleId :

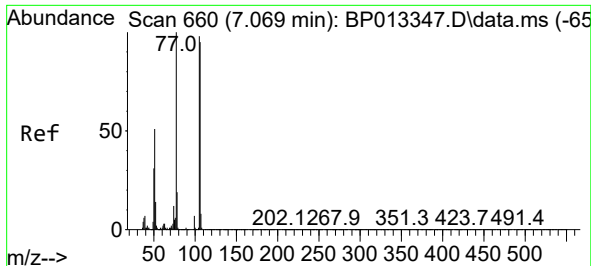
Tgt Ion: 88 Resp: 139106
Ion Ratio Lower Upper
88 100
43 34.5 22.4 33.6#
58 79.9 58.2 87.4



#5
Pyridine
Concen: 32.667 ng/uL
RT: 3.770 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion: 79 Resp: 992269
Ion Ratio Lower Upper
79 100
52 78.9 60.7 91.1
51 38.3 28.9 43.3

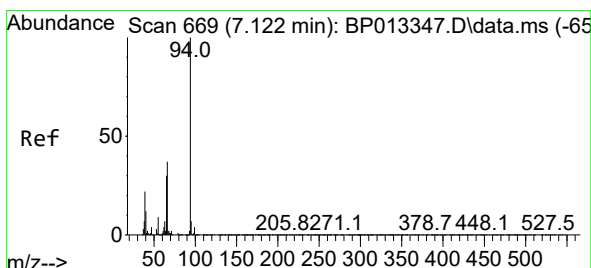
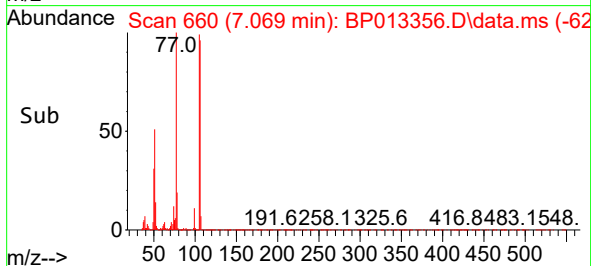
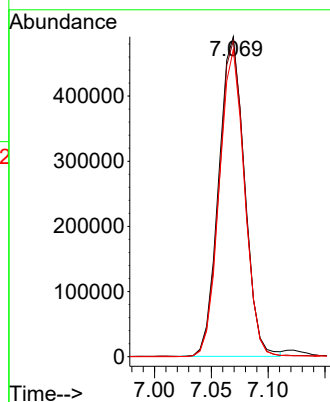
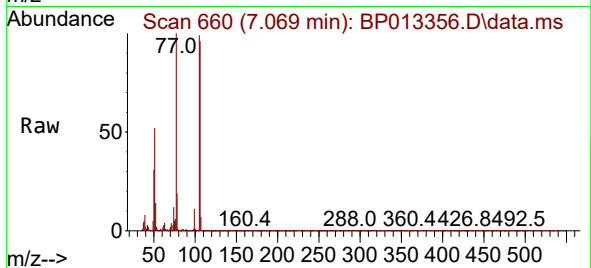




#6
Benzaldehyde
Concen: 52.824 ng/ul
RT: 7.069 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

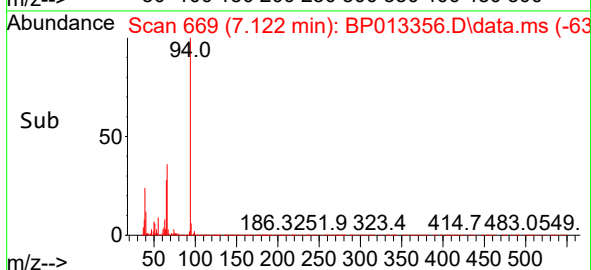
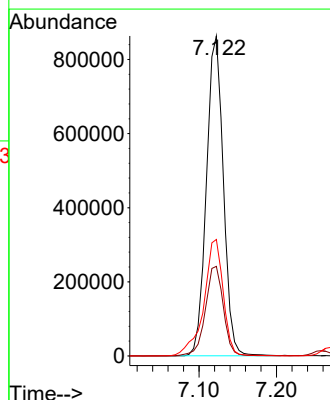
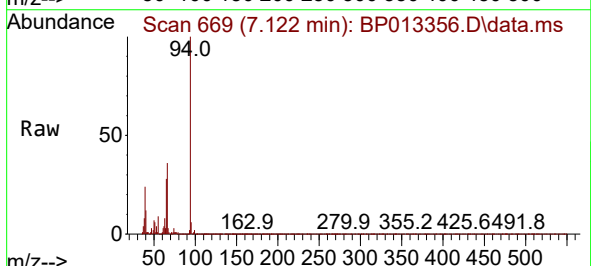
Instrument :
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ClientSampleId :

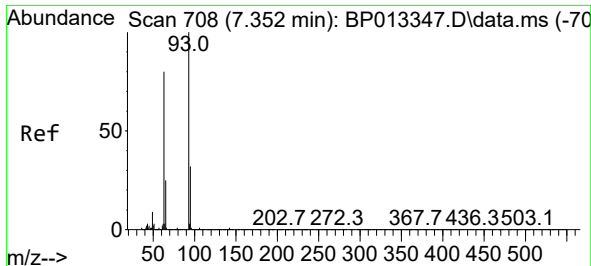
Tgt Ion: 77 Resp: 775021
Ion Ratio Lower Upper
77 100
105 98.7 81.5 122.3
106 96.0 76.9 115.3



#8
Phenol
Concen: 34.631 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion: 94 Resp: 1312016
Ion Ratio Lower Upper
94 100
65 28.0 21.1 31.7
66 36.4 27.0 40.6



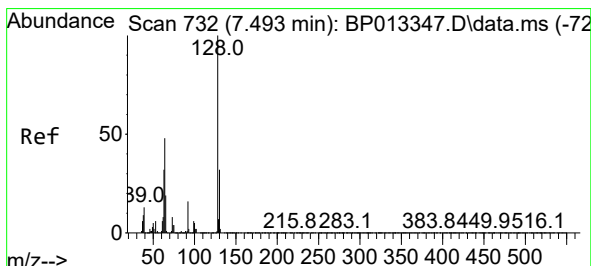
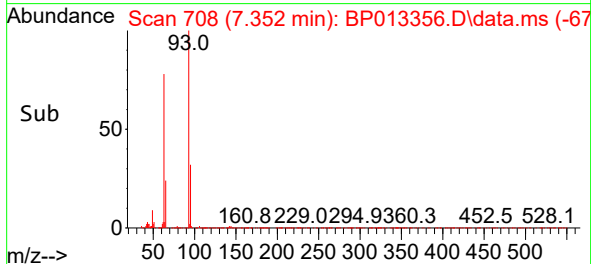
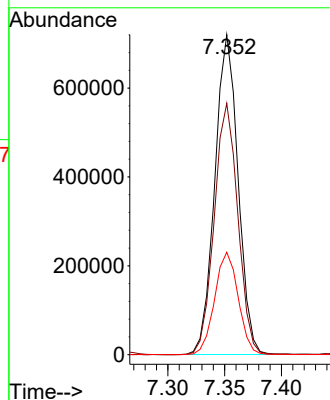
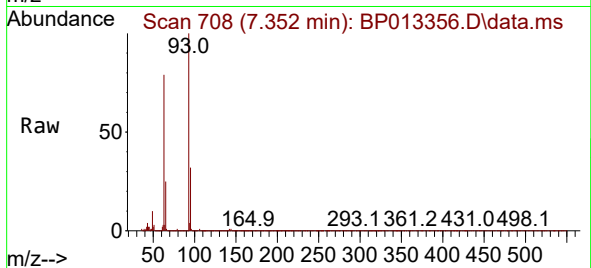


#10
Bis(2-Chloroethyl)ether
Concen: 32.985 ng/ul
RT: 7.352 min Scan# 708
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 93 Resp: 1025662

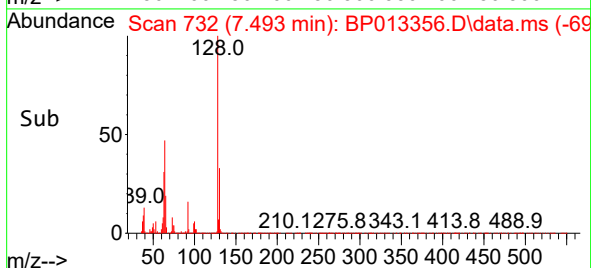
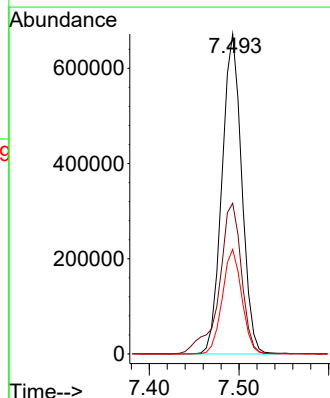
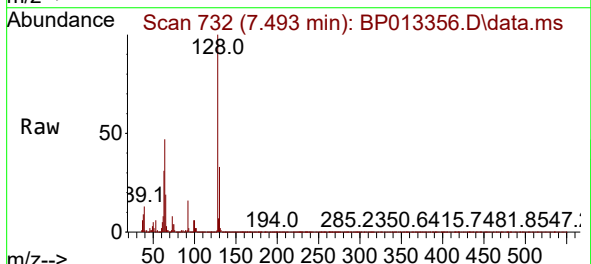
Ion	Ratio	Lower	Upper
93	100		
63	78.5	59.8	89.8
95	32.0	26.4	39.6

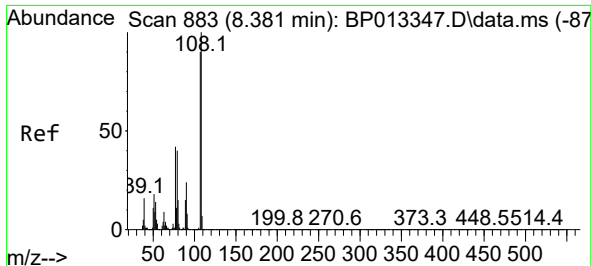


#12
2-Chlorophenol
Concen: 33.910 ng/ul
RT: 7.493 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:128 Resp: 1025713

Ion	Ratio	Lower	Upper
128	100		
64	47.1	34.9	52.3
130	32.7	25.8	38.6





#13

2-Methylphenol

Concen: 33.466 ng/ul

RT: 8.375 min Scan# 8

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

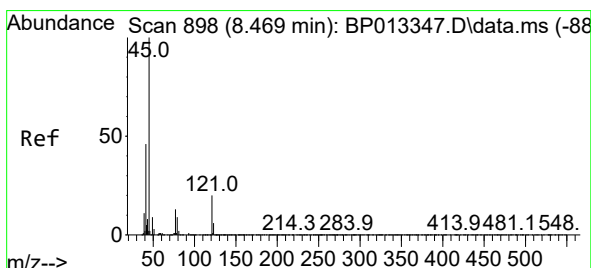
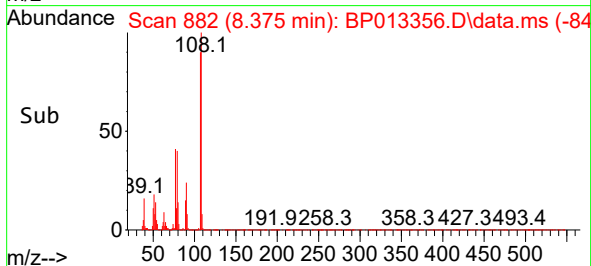
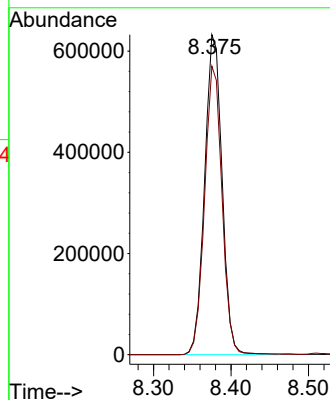
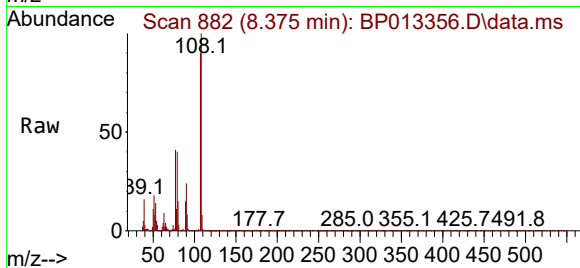
ClientSampleId :

Tgt Ion:108 Resp: 988435

Ion Ratio Lower Upper

108 100

107 90.2 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.057 ng/ul

RT: 8.463 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

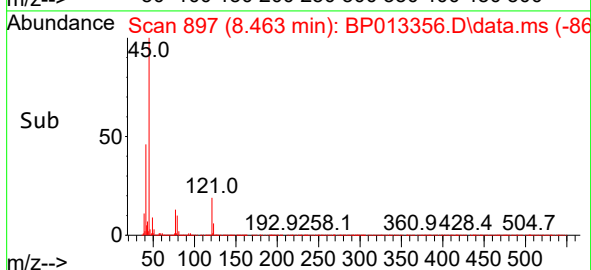
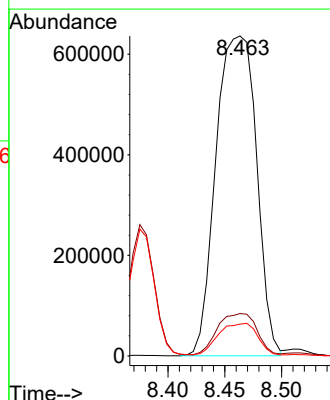
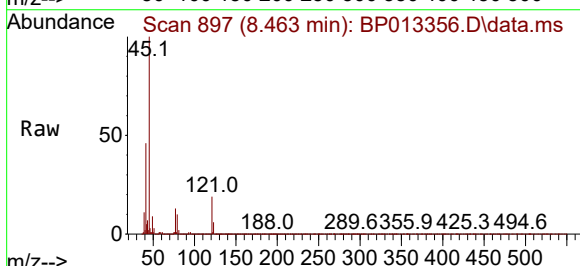
Tgt Ion: 45 Resp: 1581162

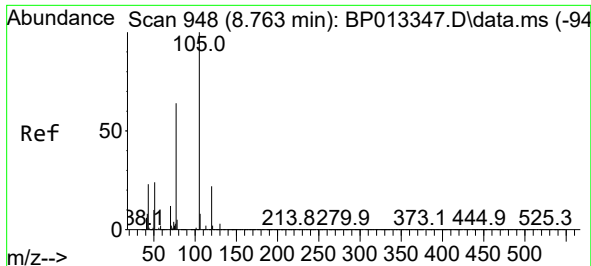
Ion Ratio Lower Upper

45 100

77 13.3 11.0 16.6

79 10.0 9.3 13.9

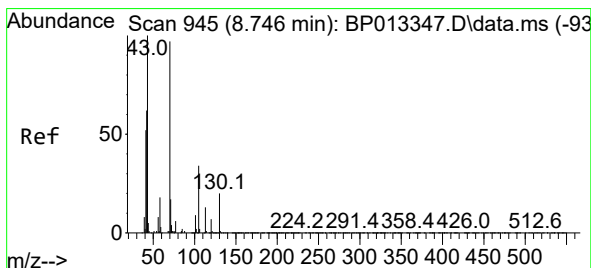
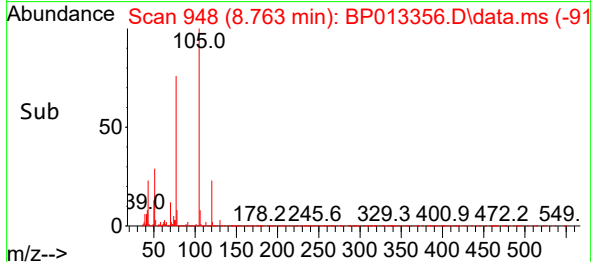
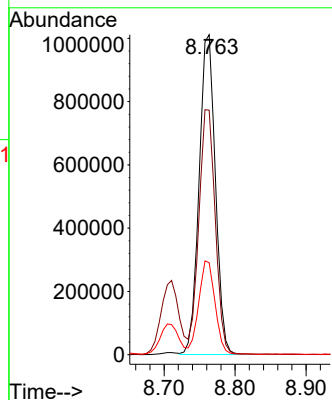
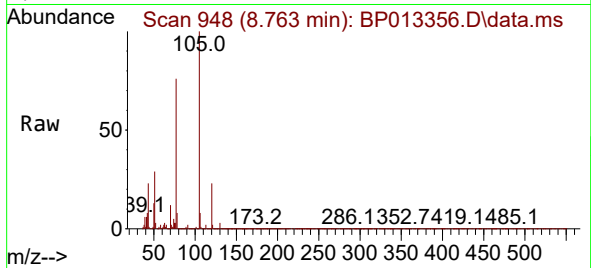




#16
Acetophenone
Concen: 34.333 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

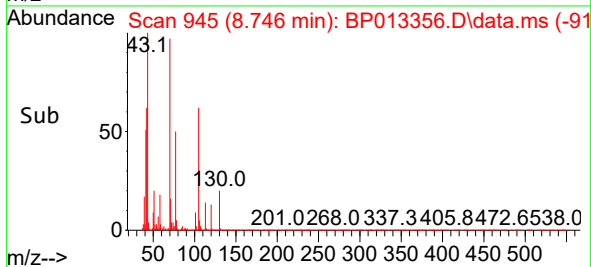
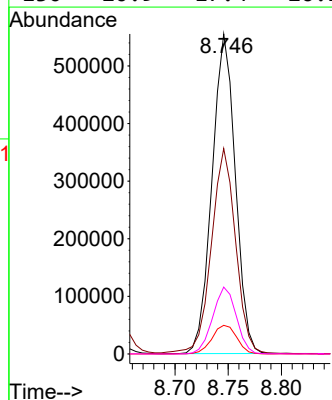
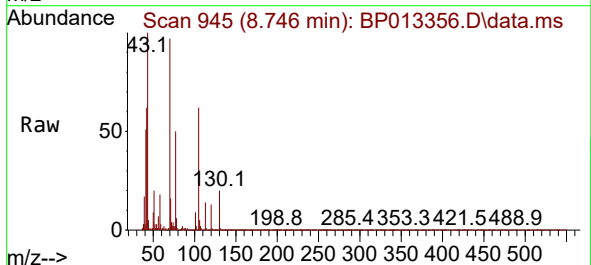
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BNA_P
ClientSampleId :

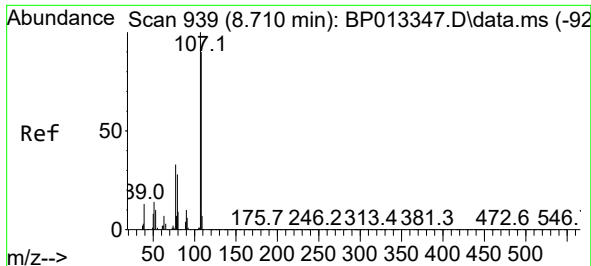
Tgt Ion:105 Resp: 1616230
Ion Ratio Lower Upper
105 100
77 76.4 59.3 88.9
51 28.7 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.655 ng/ul
RT: 8.746 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion: 70 Resp: 844037
Ion Ratio Lower Upper
70 100
42 64.2 45.5 68.3
101 8.9 7.9 11.9
130 20.9 17.4 26.2

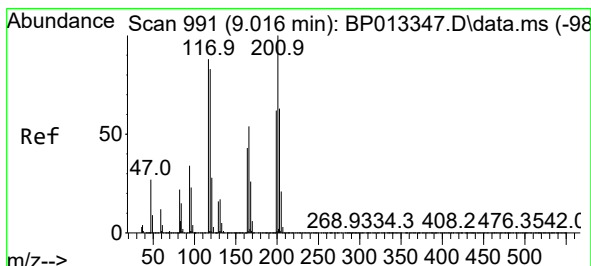
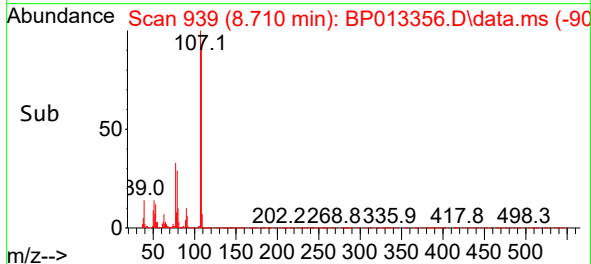
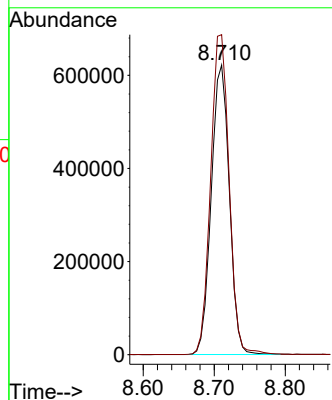
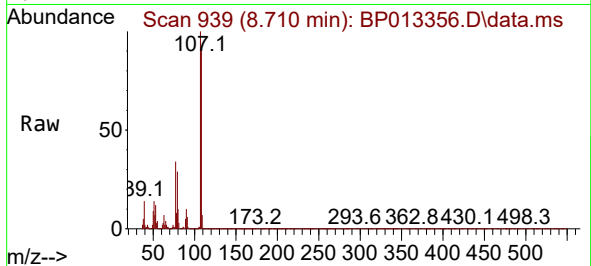




#18
4-Methylphenol
Concen: 33.647 ng/ul
RT: 8.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

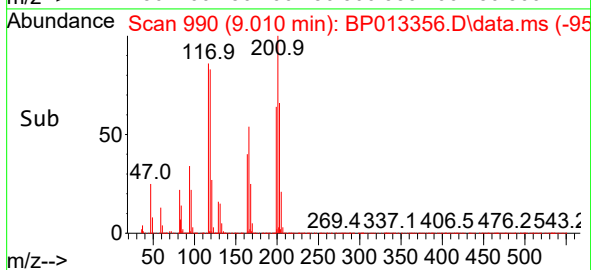
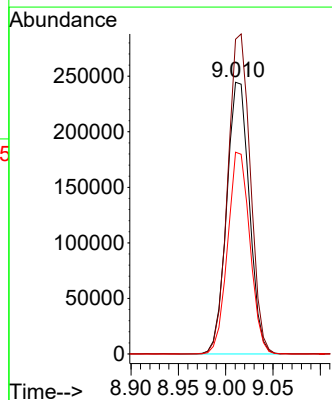
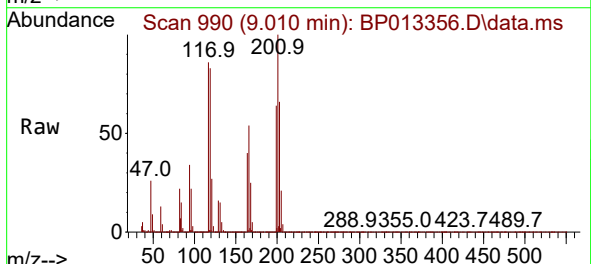
Instrument :
BNA_P
ClientSampleId :

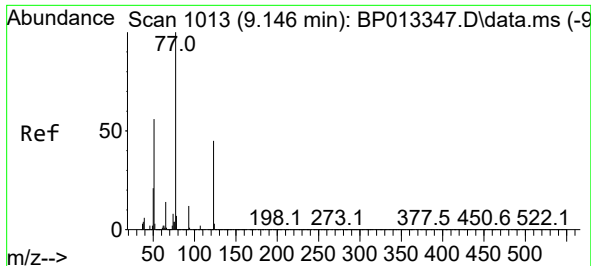
Tgt Ion:108 Resp: 1100749
Ion Ratio Lower Upper
108 100
107 110.5 87.4 131.2



#19
Hexachloroethane
Concen: 33.658 ng/ul
RT: 9.010 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:117 Resp: 406844
Ion Ratio Lower Upper
117 100
201 115.9 93.7 140.5
199 74.3 58.6 88.0

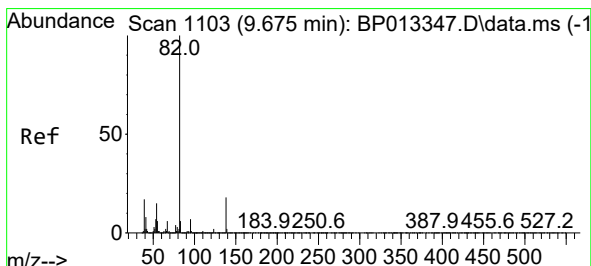
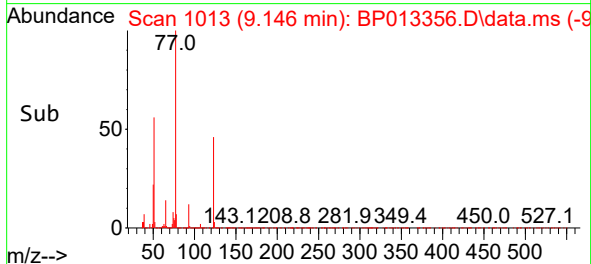
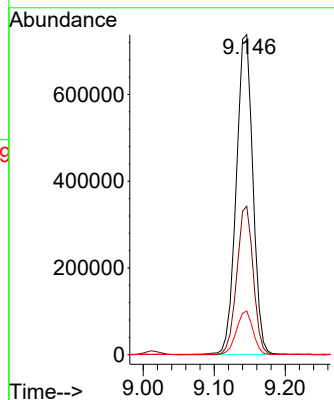
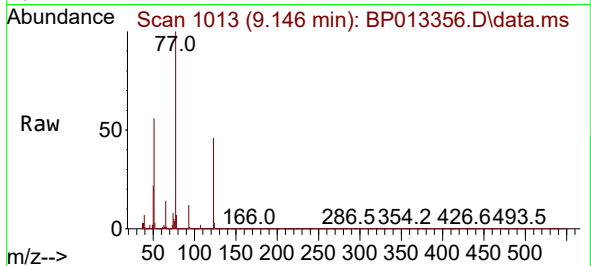




#22
Nitrobenzene
Concen: 35.141 ng/ul
RT: 9.146 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

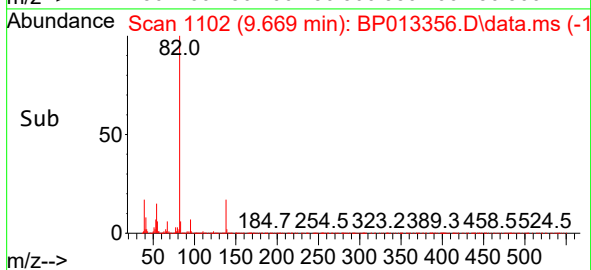
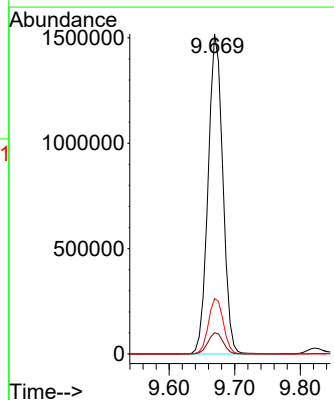
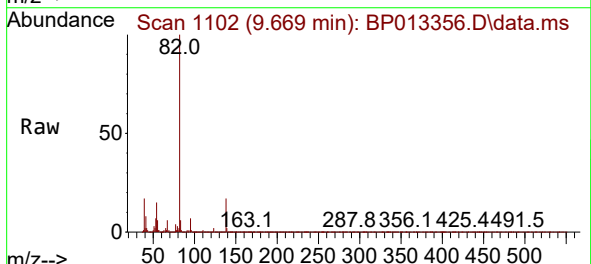
Instrument :
BNA_P
ClientSampleId :

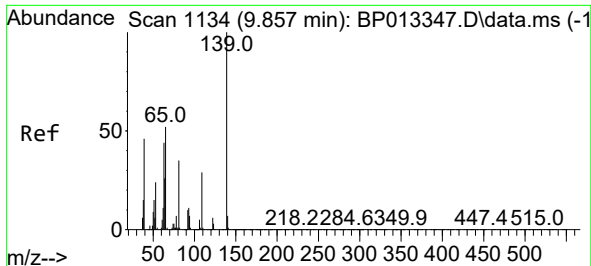
Tgt Ion: 77 Resp: 1201661
Ion Ratio Lower Upper
77 100
123 46.4 38.3 57.5
65 13.6 10.3 15.5



#23
Isophorone
Concen: 34.249 ng/ul
RT: 9.669 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion: 82 Resp: 2368113
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.3 15.3 22.9

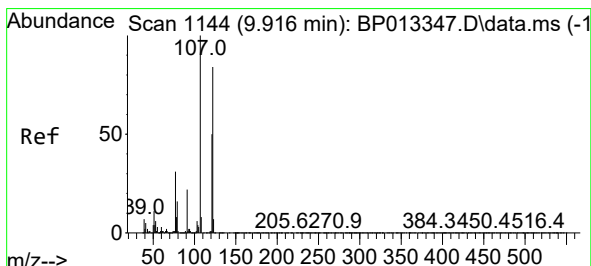
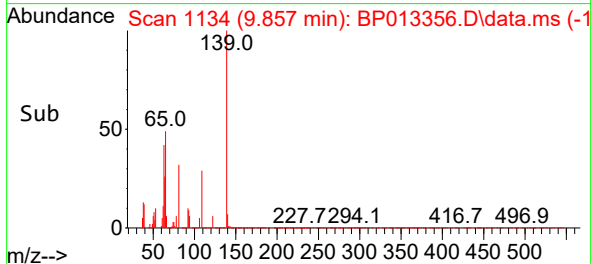
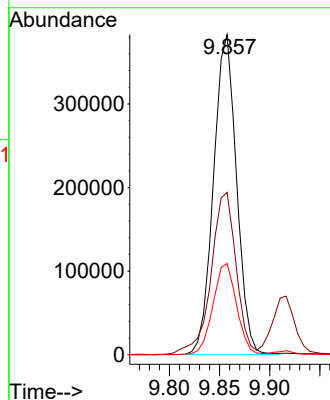
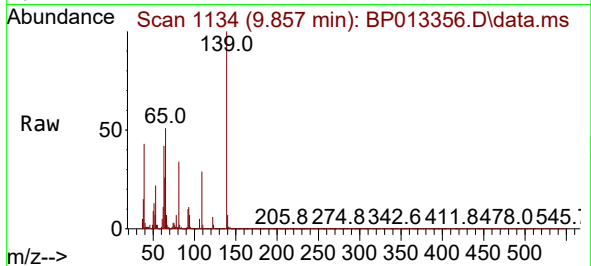




#25
2-Nitrophenol
Concen: 34.432 ng/ul
RT: 9.857 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

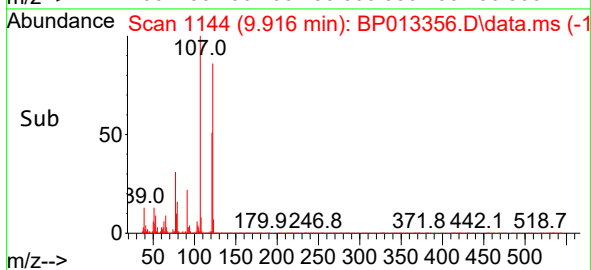
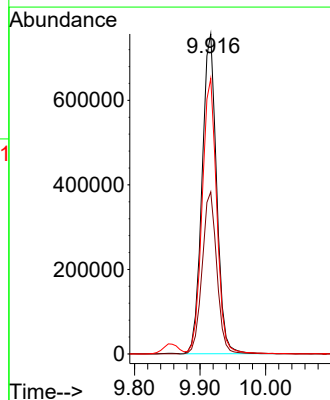
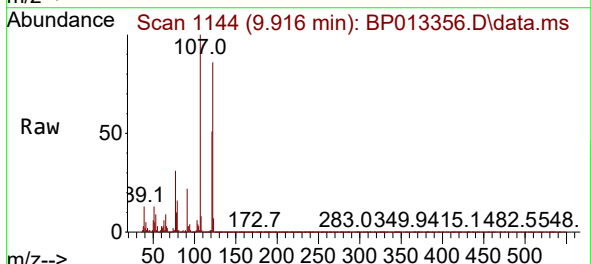
Instrument :
BNA_P
ClientSampleId :

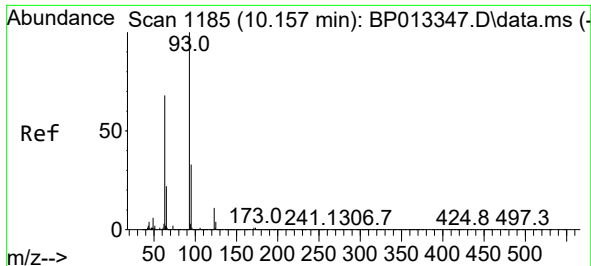
Tgt Ion:139 Resp: 612064
Ion Ratio Lower Upper
139 100
65 50.7 36.6 54.8
109 28.5 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 33.803 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:107 Resp: 1172426
Ion Ratio Lower Upper
107 100
121 50.7 41.8 62.6
122 86.1 72.6 108.8

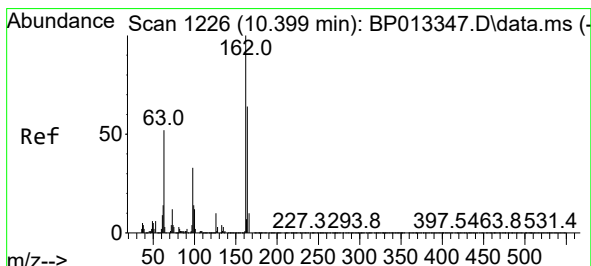
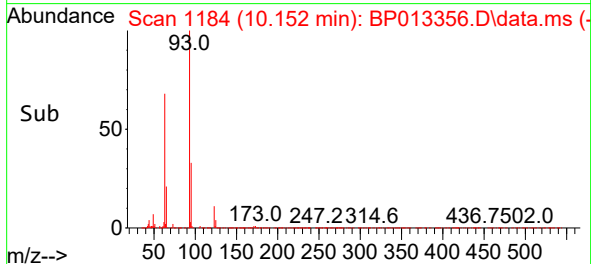
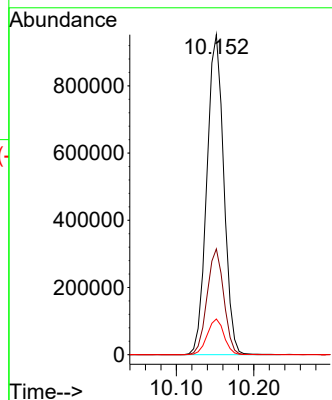
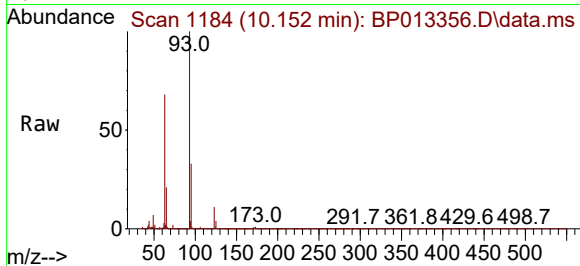




#27
Bis(2-Chloroethoxy)methane
Concen: 32.619 ng/ul
RT: 10.152 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

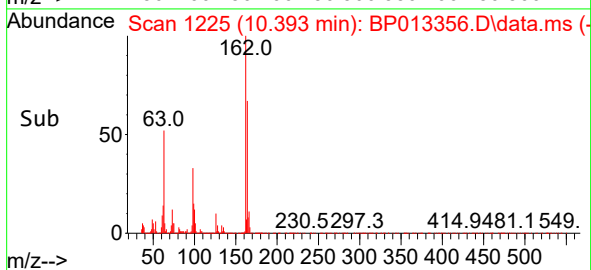
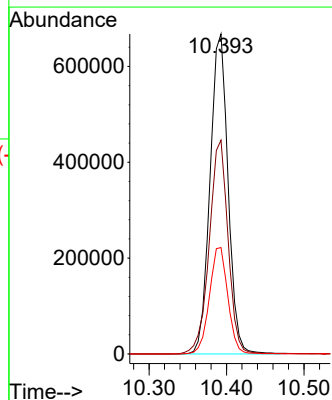
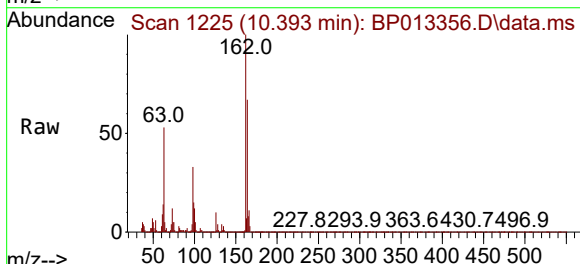
Instrument :
BNA_P
ClientSampleId :

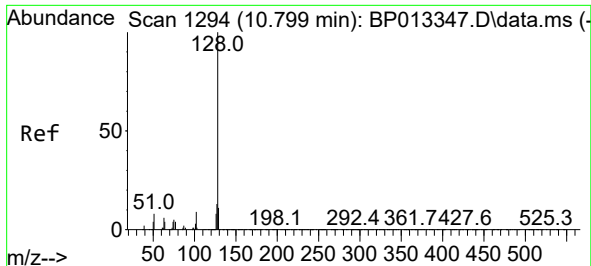
Tgt Ion: 93 Resp: 1442154
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 11.1 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 34.685 ng/ul
RT: 10.393 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:162 Resp: 1082682
Ion Ratio Lower Upper
162 100
164 66.8 52.5 78.7
98 33.3 26.6 39.8

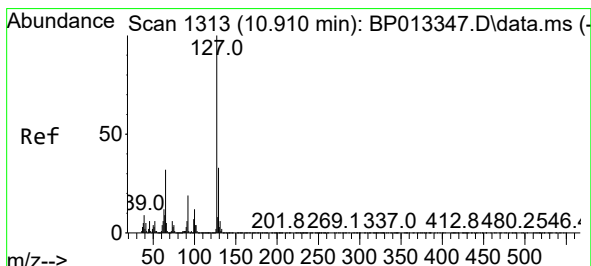
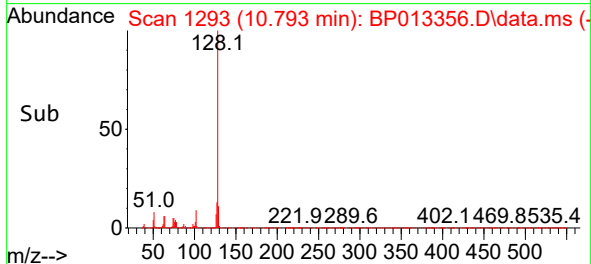
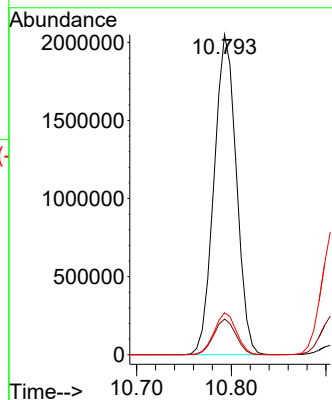
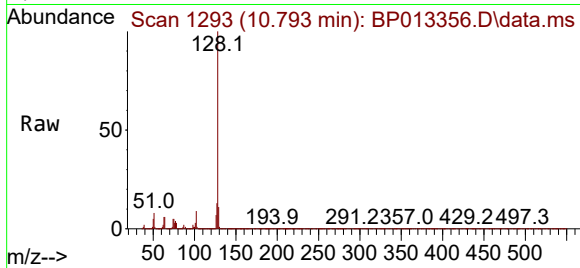




#30
Naphthalene
Concen: 32.356 ng/ul
RT: 10.793 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

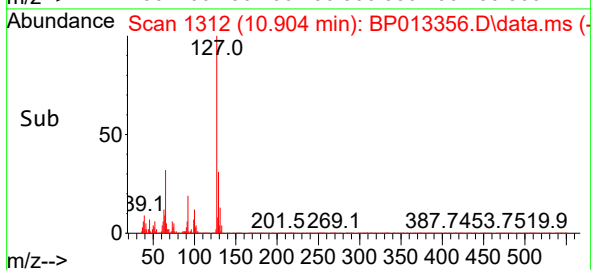
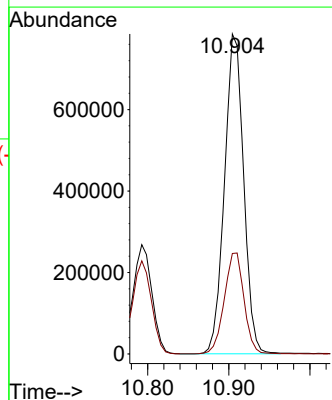
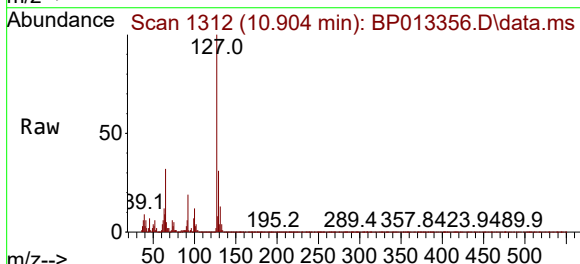
Instrument :
BNA_P
ClientSampleId :

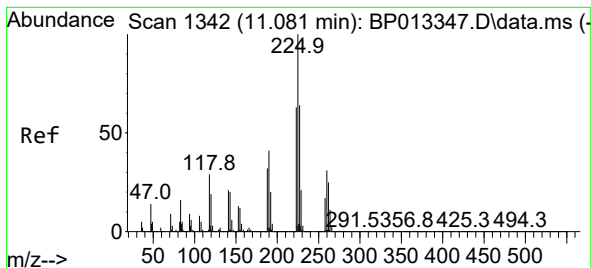
Tgt Ion:128 Resp: 3356219
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 28.957 ng/ul
RT: 10.904 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:127 Resp: 1289082
Ion Ratio Lower Upper
127 100
129 31.4 25.6 38.4





#33

Hexachlorobutadiene

Concen: 34.677 ng/ul

RT: 11.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

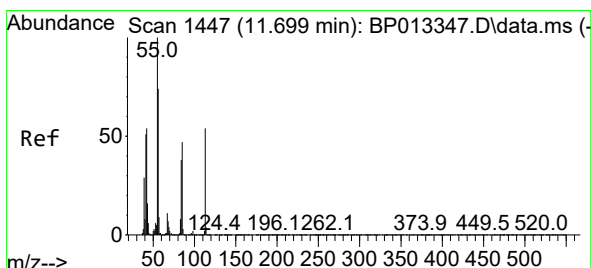
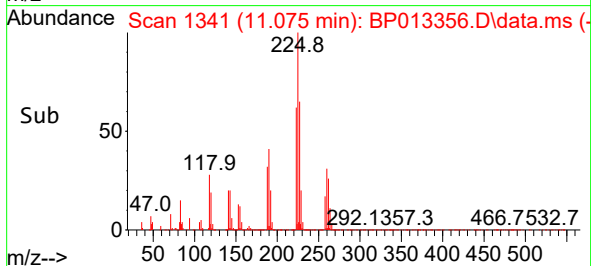
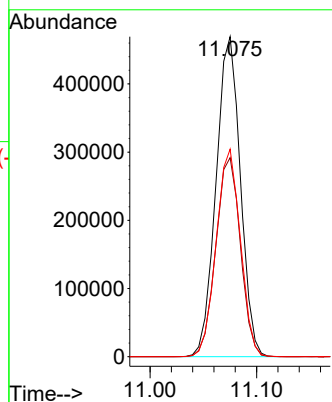
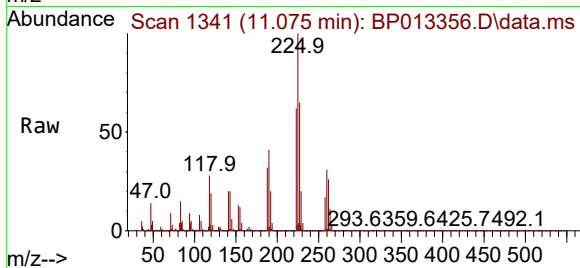
Tgt Ion:225 Resp: 743219

Ion Ratio Lower Upper

225 100

223 62.2 49.2 73.8

227 64.8 50.2 75.2



#34

Caprolactam

Concen: 18.966 ng/ul

RT: 11.699 min Scan# 1447

Delta R.T. 0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

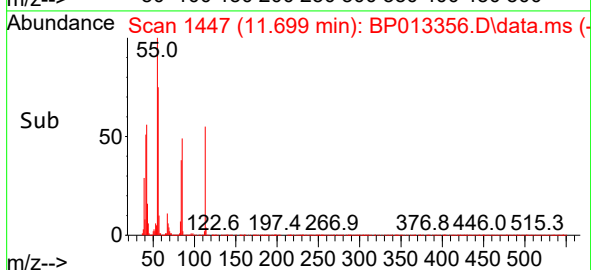
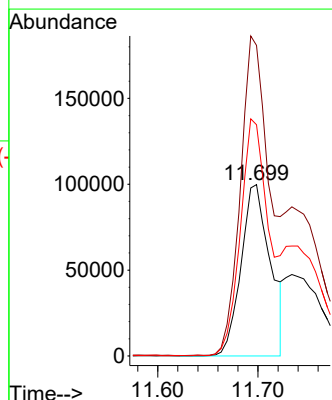
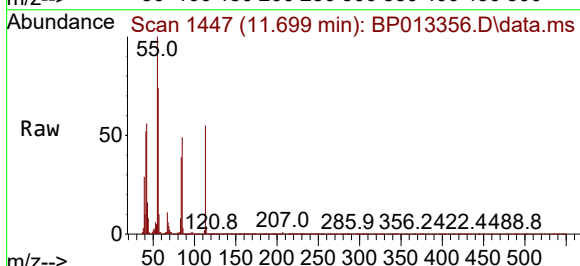
Tgt Ion:113 Resp: 201864

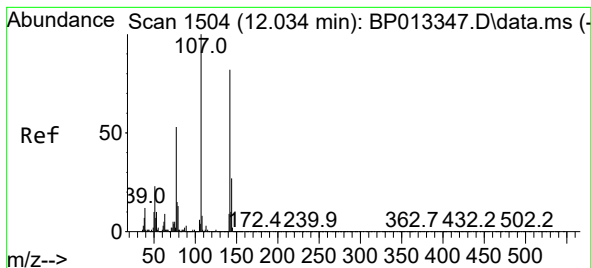
Ion Ratio Lower Upper

113 100

55 181.3 141.9 212.9

56 135.0 99.6 149.4

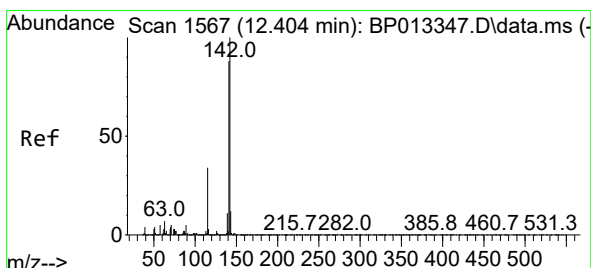
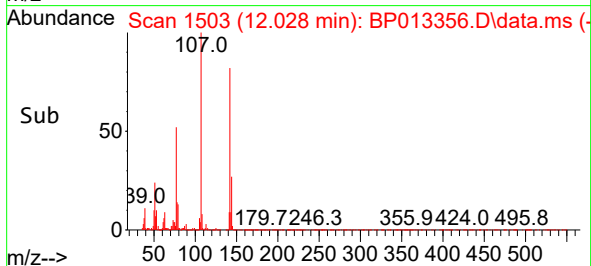
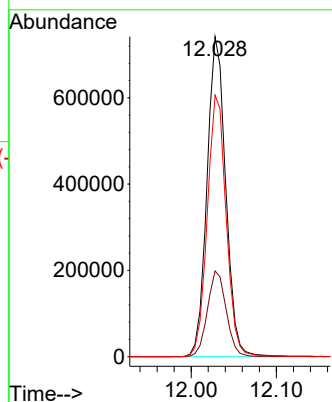
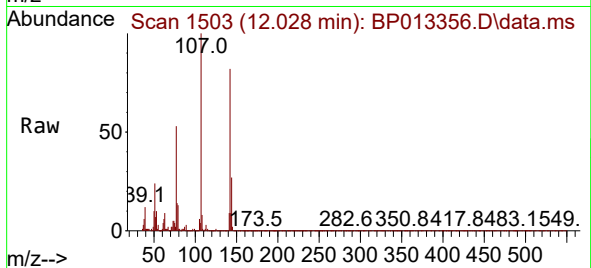




#35
4-Chloro-3-methylphenol
Concen: 35.490 ng/ul
RT: 12.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

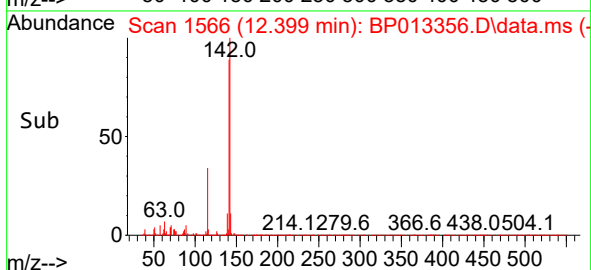
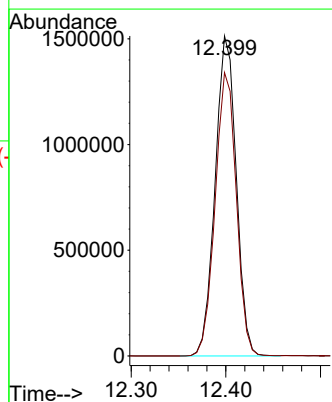
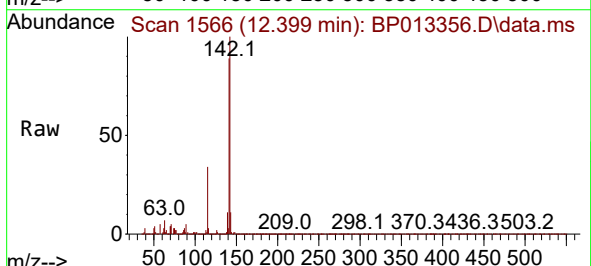
Instrument :
BNA_P
ClientSampleId :

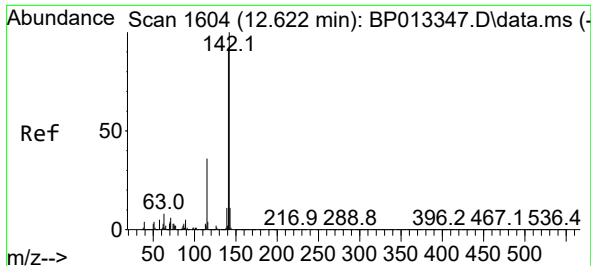
Tgt Ion:107 Resp: 1130565
Ion Ratio Lower Upper
107 100
144 26.8 21.4 32.2
142 81.7 65.8 98.6



#36
2-Methylnaphthalene
Concen: 32.926 ng/ul
RT: 12.399 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:142 Resp: 2343036
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2

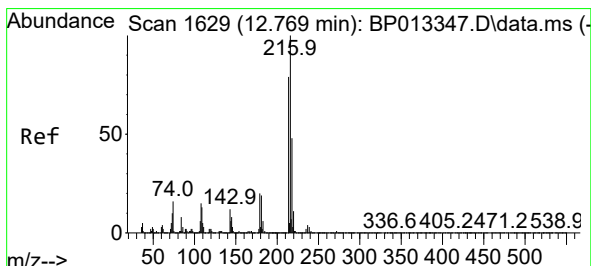
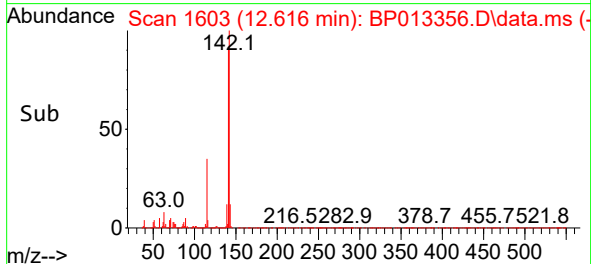
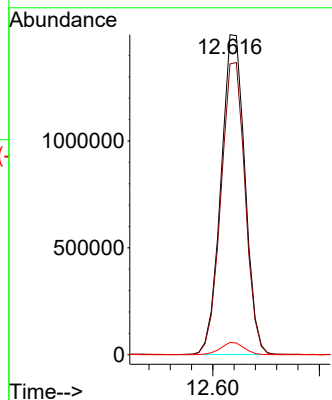
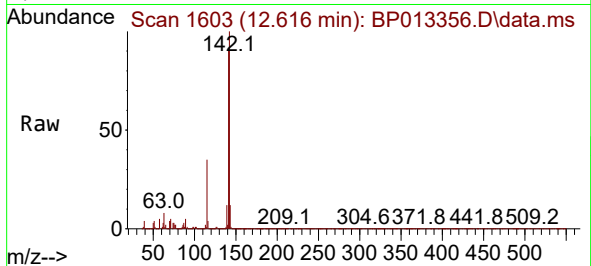




#37
1-Methylnaphthalene
Concen: 31.993 ng/ul
RT: 12.616 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

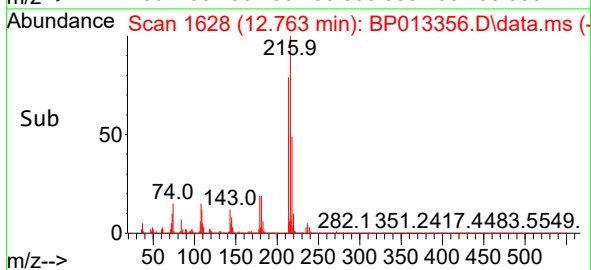
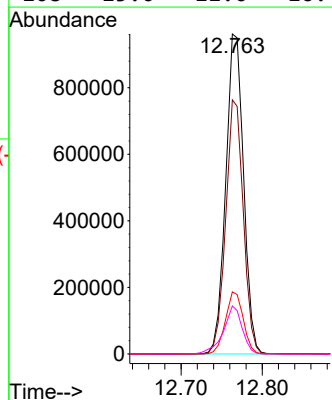
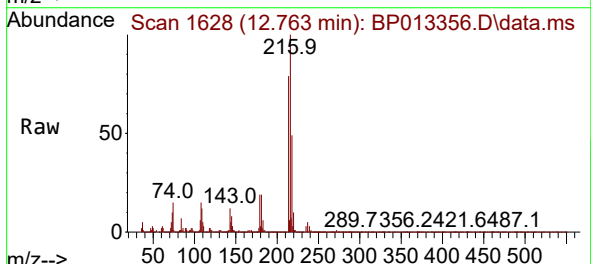
Instrument :
BNA_P
ClientSampleId :

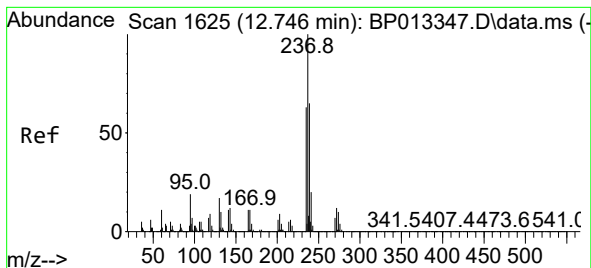
Tgt Ion:142 Resp: 2341337
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1
116 3.8 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.363 ng/ul
RT: 12.763 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:216 Resp: 1470256
Ion Ratio Lower Upper
216 100
214 79.4 61.9 92.9
179 19.4 15.0 22.6
108 15.0 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 29.241 ng/ul

RT: 12.740 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

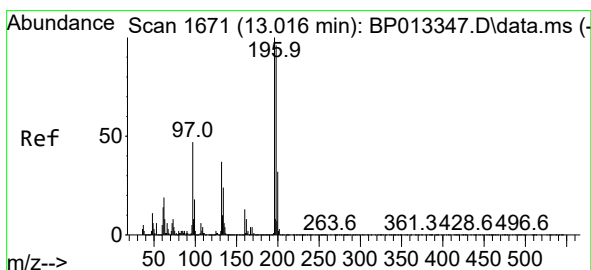
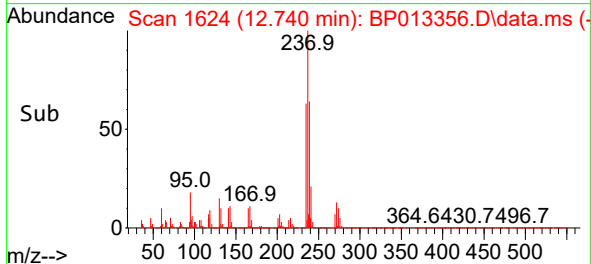
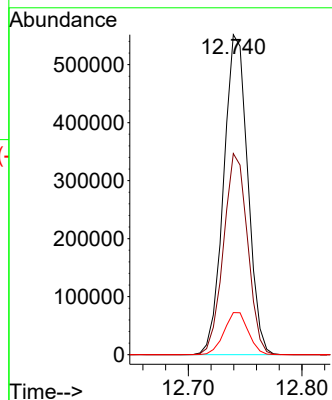
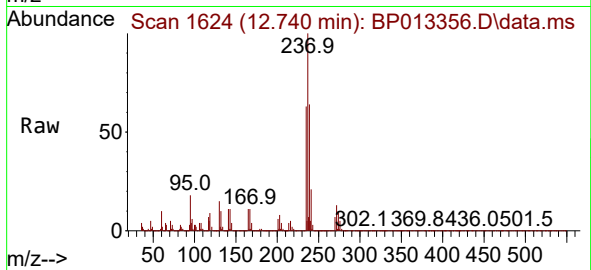
Tgt Ion:237 Resp: 814141

Ion Ratio Lower Upper

237 100

235 62.9 49.7 74.5

272 13.1 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 35.011 ng/ul

RT: 13.010 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

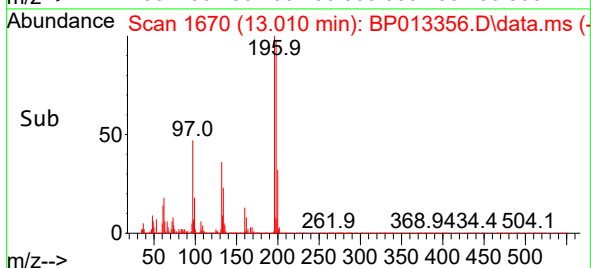
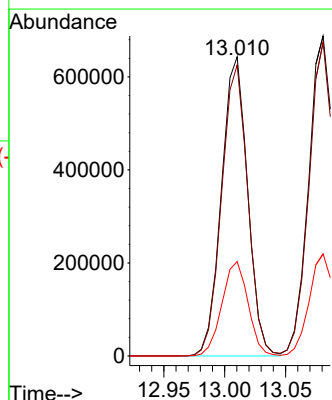
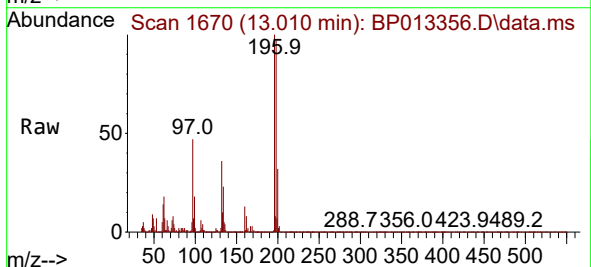
Tgt Ion:196 Resp: 962703

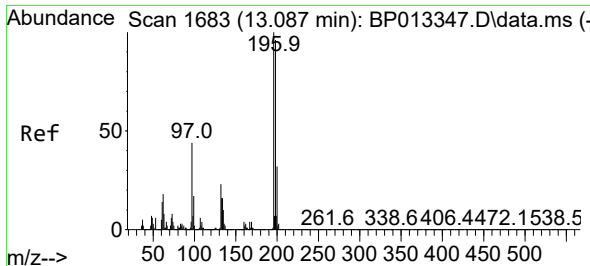
Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.6

200 31.5 25.3 37.9

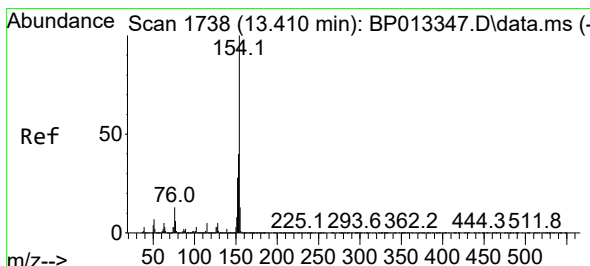
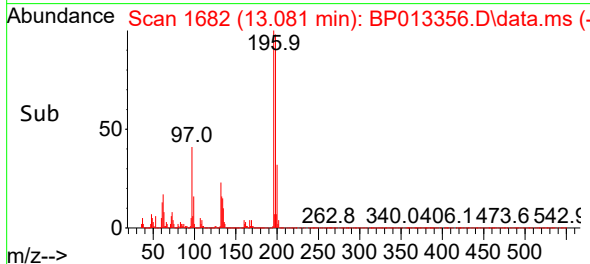
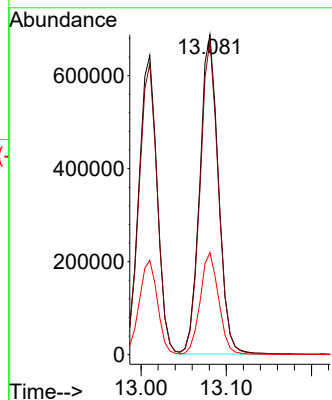
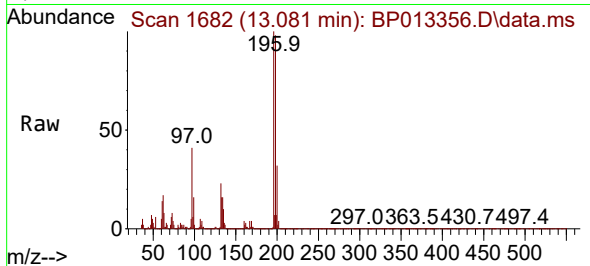




#42
2,4,5-Trichlorophenol
Concen: 35.284 ng/ul
RT: 13.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

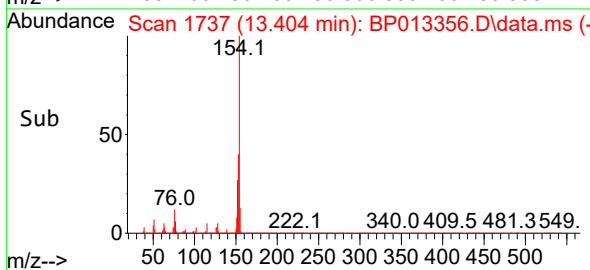
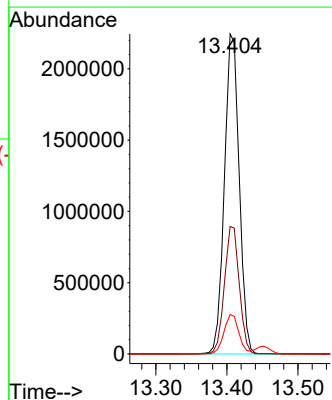
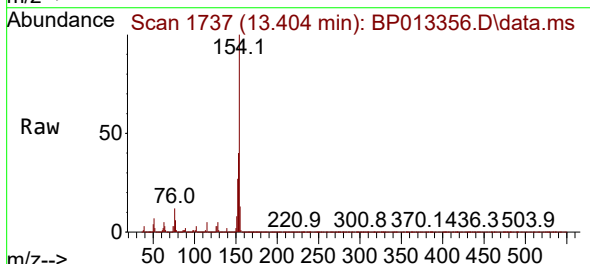
Instrument :
BNA_P
ClientSampleId :

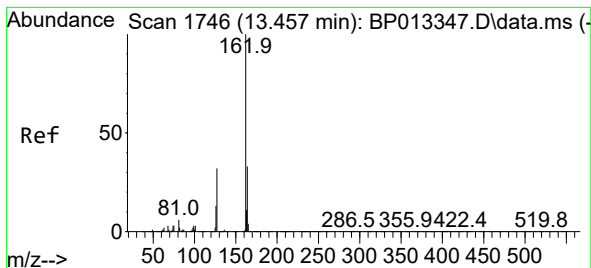
Tgt Ion:196 Resp: 1042143
Ion Ratio Lower Upper
196 100
198 98.0 77.1 115.7
200 31.9 25.4 38.2



#43
1,1'-Biphenyl
Concen: 32.487 ng/ul
RT: 13.404 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:154 Resp: 3242004
Ion Ratio Lower Upper
154 100
153 39.9 31.5 47.3
76 12.3 9.6 14.4





#44

2-Chloronaphthalene

Concen: 32.870 ng/ul

RT: 13.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

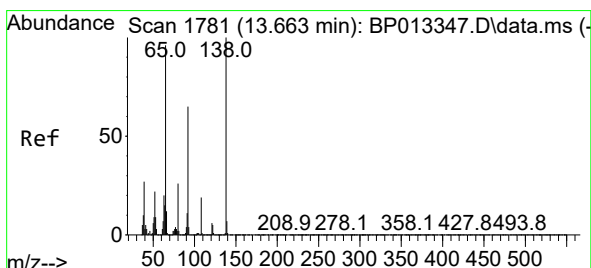
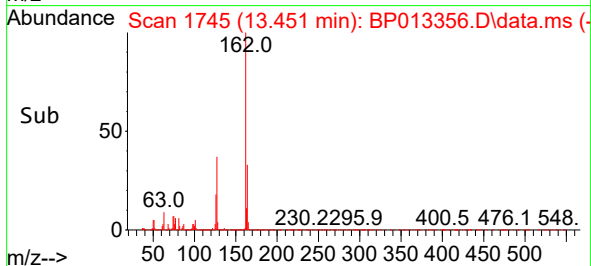
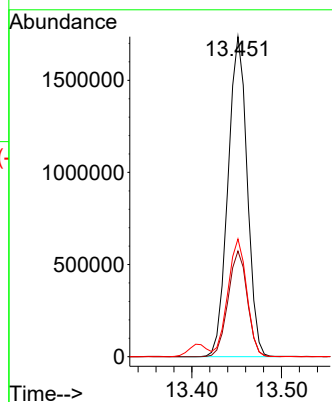
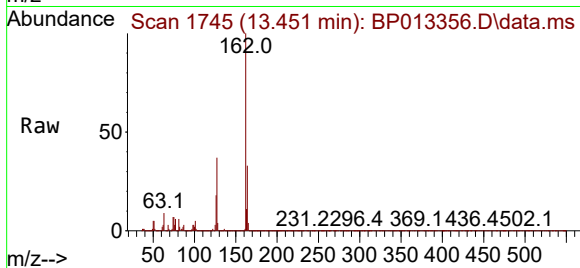
Tgt Ion:162 Resp: 2581680

Ion Ratio Lower Upper

162 100

164 33.0 26.3 39.5

127 36.8 29.3 43.9



#45

2-Nitroaniline

Concen: 38.881 ng/ul

RT: 13.657 min Scan# 1780

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

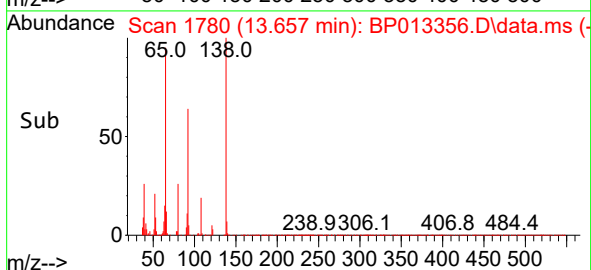
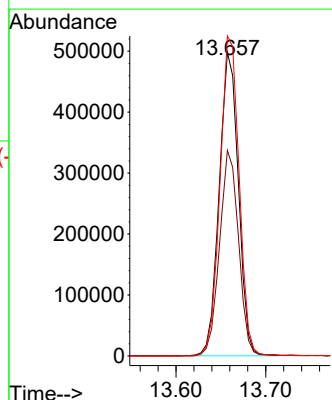
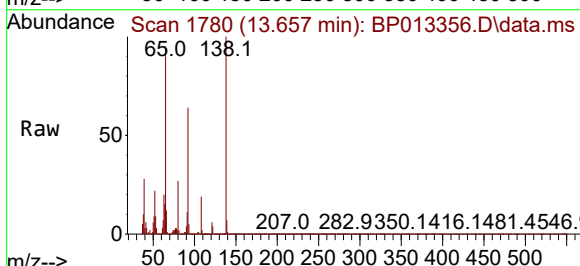
Tgt Ion: 65 Resp: 740395

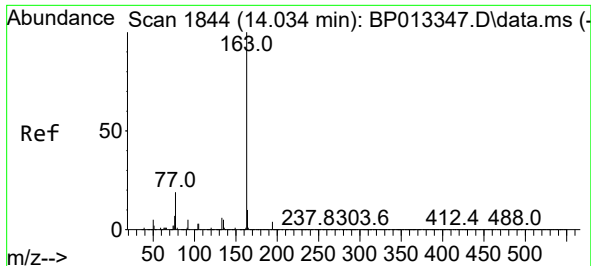
Ion Ratio Lower Upper

65 100

92 67.7 56.4 84.6

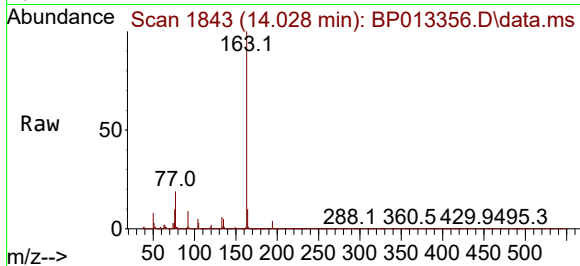
138 105.4 90.3 135.5



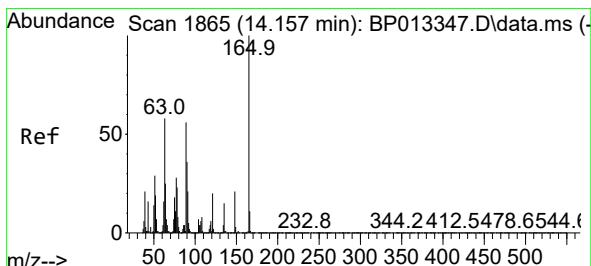
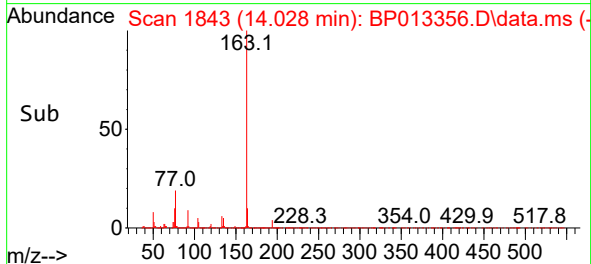
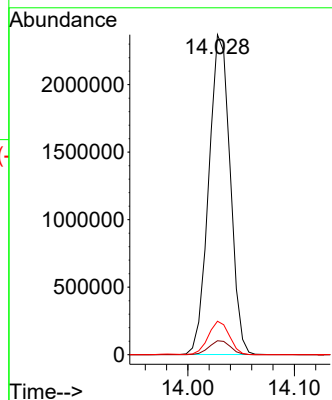


#47
Dimethylphthalate
Concen: 32.613 ng/ul
RT: 14.028 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Instrument :
BNA_P
ClientSampleId :

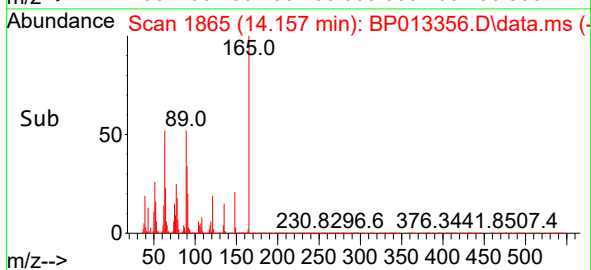
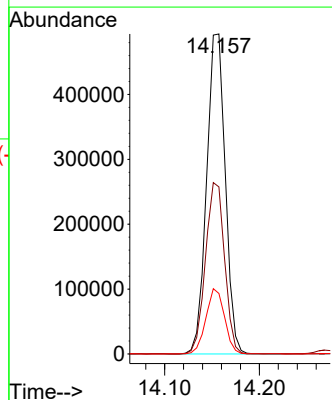
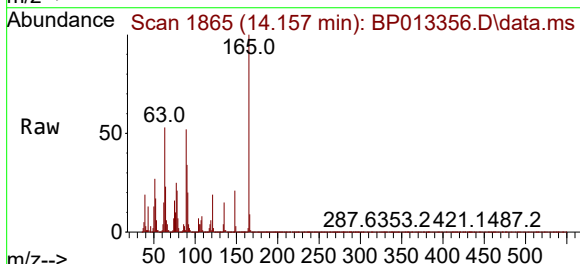


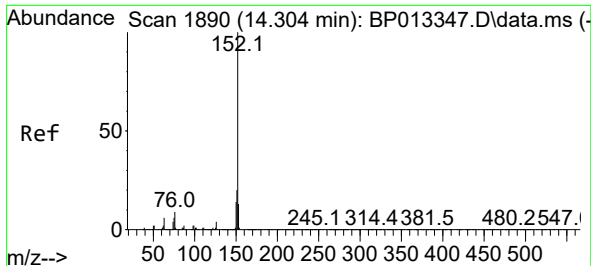
Tgt Ion:163 Resp: 3300922
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.5 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 35.792 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:165 Resp: 673242
Ion Ratio Lower Upper
165 100
89 52.2 43.0 64.4
121 18.9 16.1 24.1

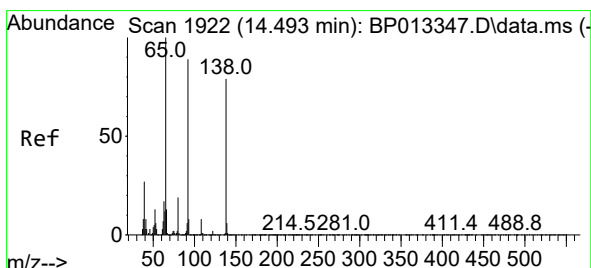
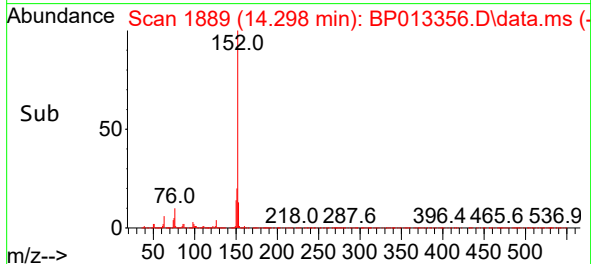
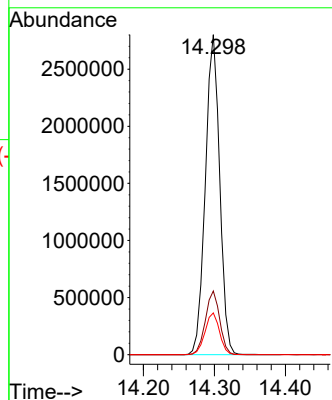
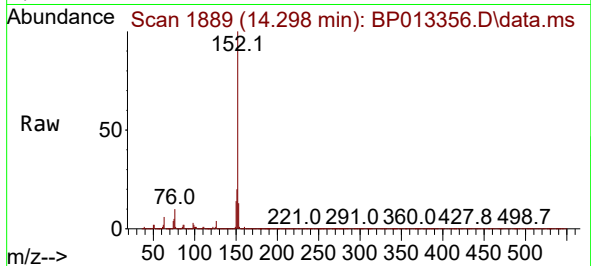




#50
Acenaphthylene
Concen: 32.610 ng/ul
RT: 14.298 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

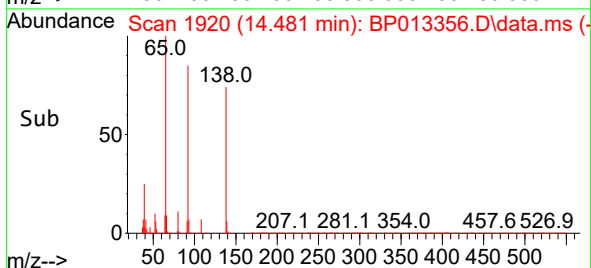
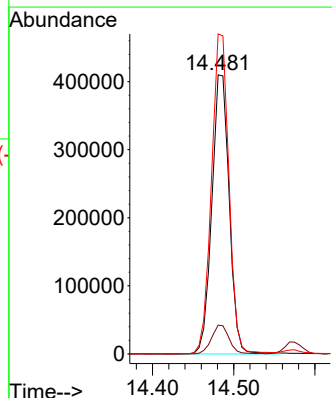
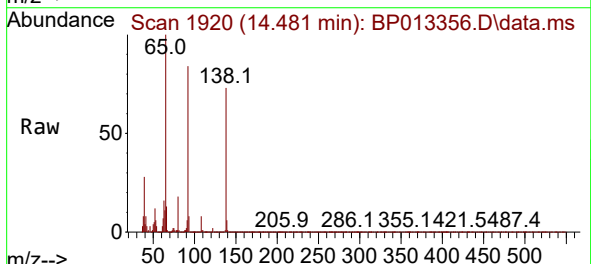
Instrument :
BNA_P
ClientSampleId :

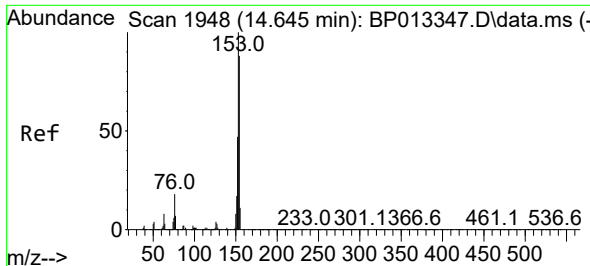
Tgt Ion:152 Resp: 3934051
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 34.268 ng/ul
RT: 14.481 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:138 Resp: 608652
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 114.6 88.4 132.6

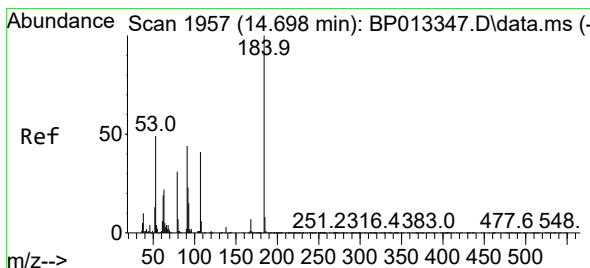
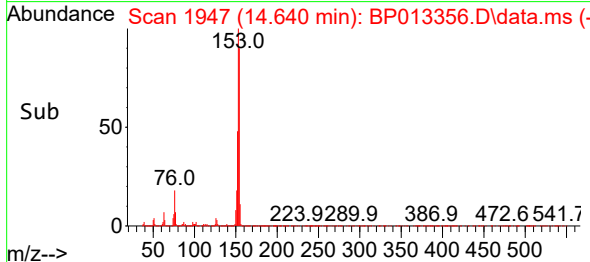
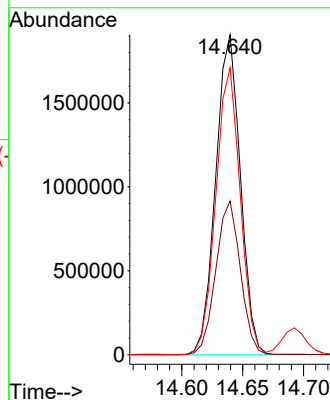
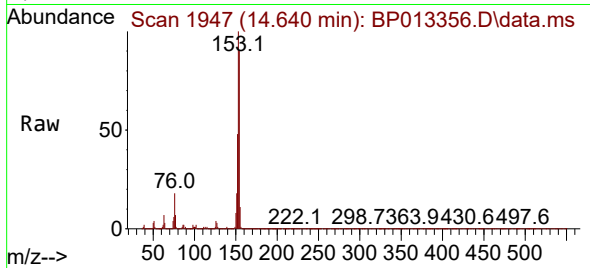




#52
Acenaphthene
Concen: 32.197 ng/ul
RT: 14.640 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

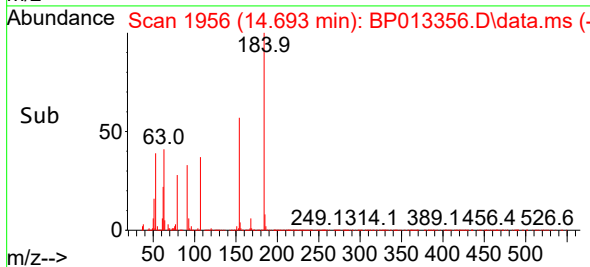
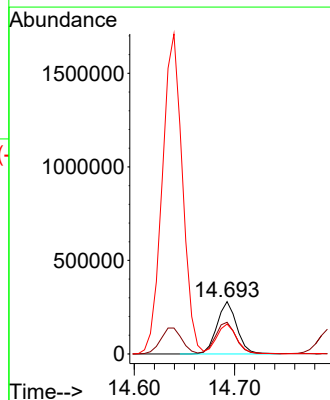
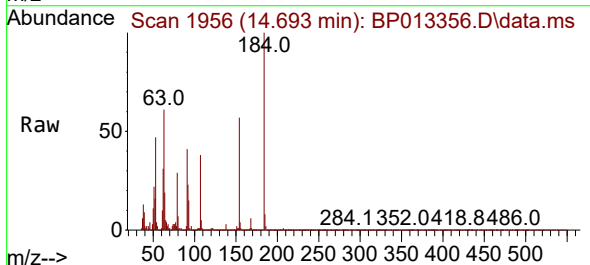
Instrument :
BNA_P
ClientSampleId :

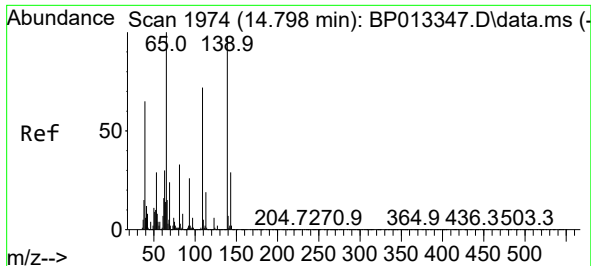
Tgt Ion:153 Resp: 2691650
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 89.7 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 29.825 ng/ul
RT: 14.693 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:184 Resp: 383471
Ion Ratio Lower Upper
184 100
63 60.7 48.4 72.6
154 57.3 45.5 68.3

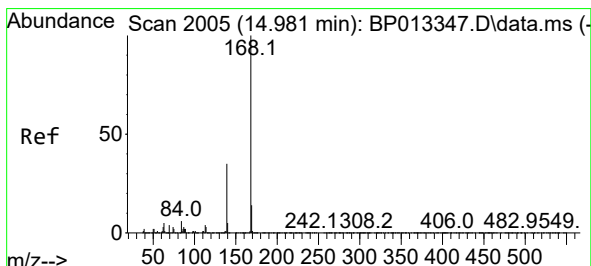
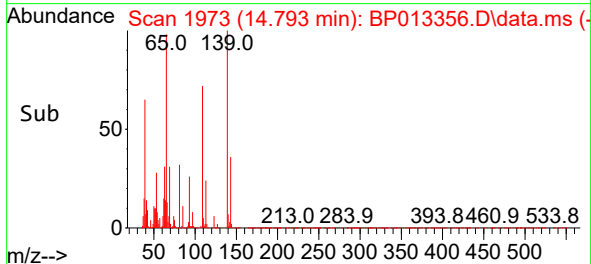
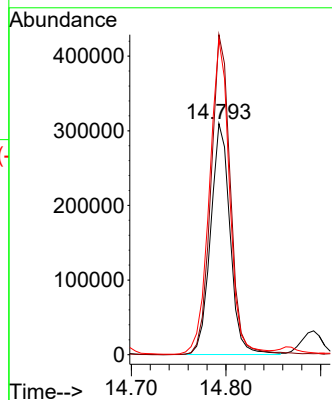
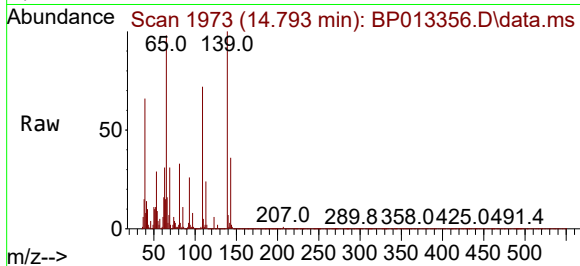




#55
4-Nitrophenol
Concen: 35.194 ng/ul
RT: 14.793 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

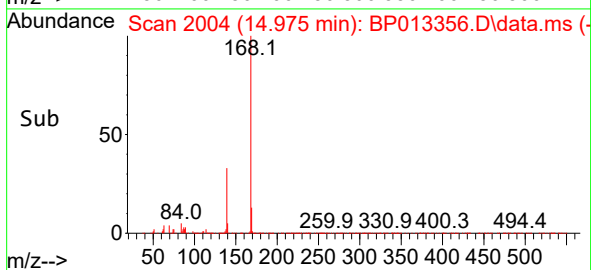
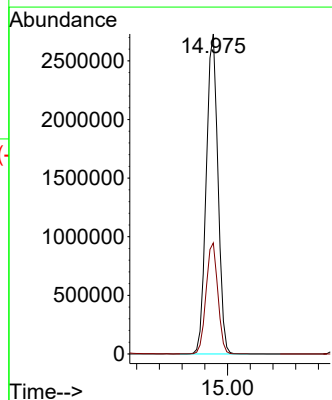
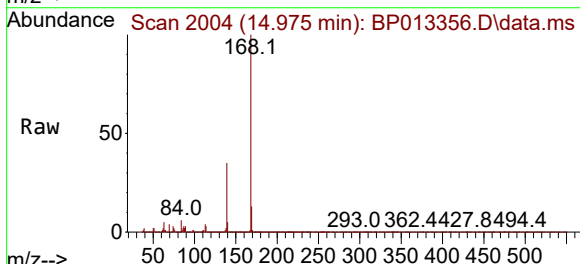
Instrument :
BNA_P
ClientSampleId :

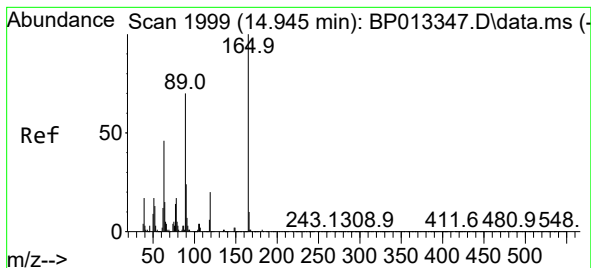
Tgt Ion:109 Resp: 441115
Ion Ratio Lower Upper
109 100
139 138.5 120.8 181.2
65 136.3 107.9 161.9



#56
Dibenzofuran
Concen: 32.669 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:168 Resp: 3883045
Ion Ratio Lower Upper
168 100
139 34.7 27.9 41.9

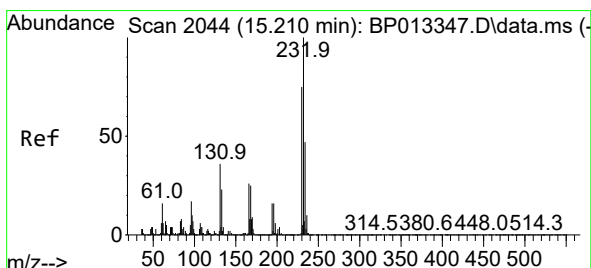
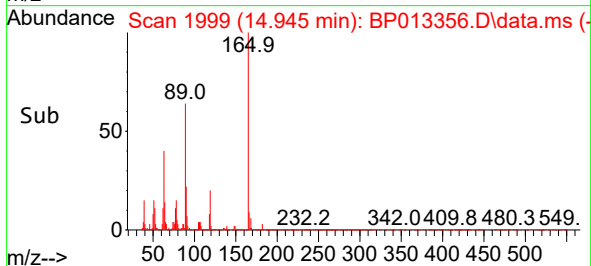
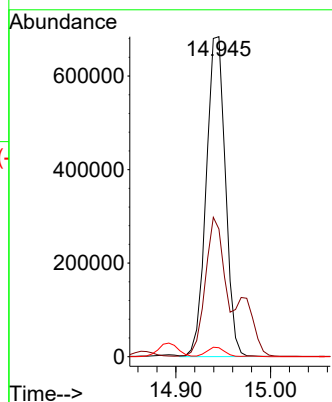
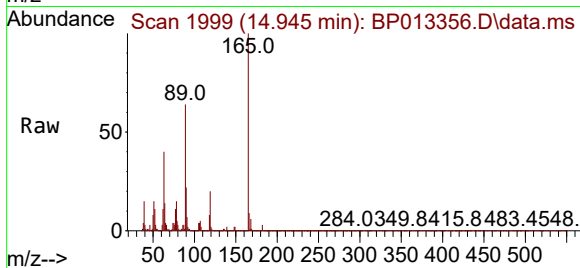




#57
2,4-Dinitrotoluene
Concen: 35.199 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

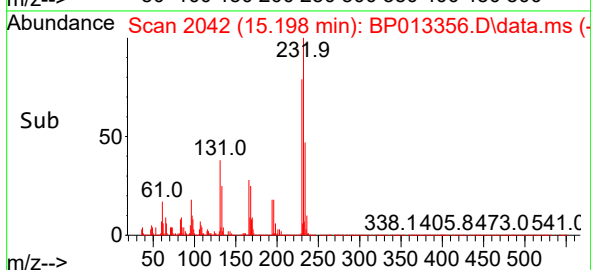
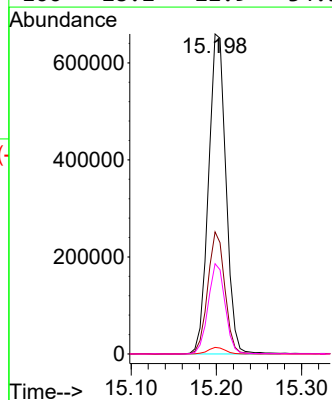
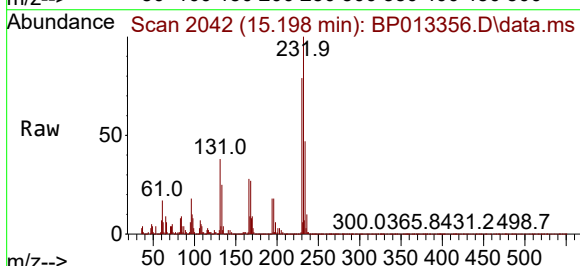
Instrument :
BNA_P
ClientSampleId :

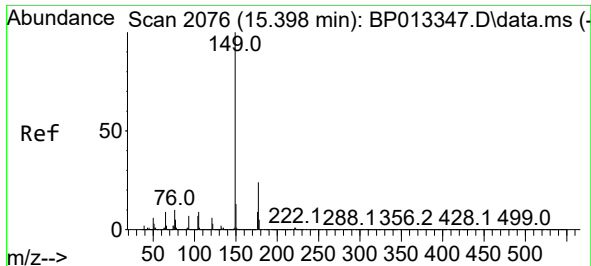
Tgt Ion:165 Resp: 961738
Ion Ratio Lower Upper
165 100
63 39.9 31.8 47.6
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.726 ng/ul
RT: 15.198 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:232 Resp: 936015
Ion Ratio Lower Upper
232 100
131 38.1 31.8 47.6
130 2.0 1.8 2.6
166 28.2 22.9 34.3

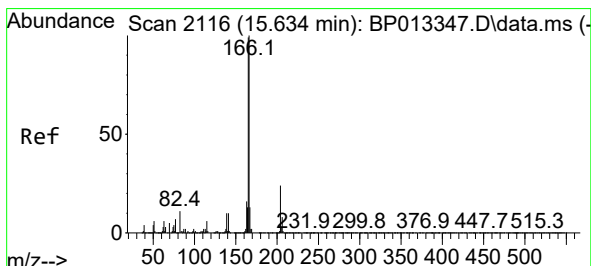
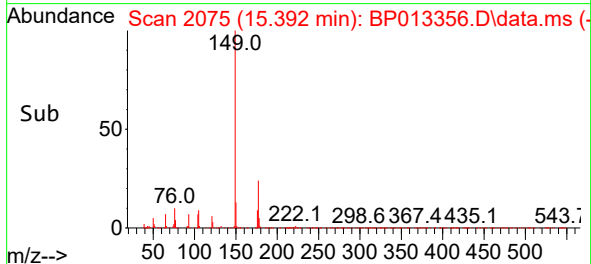
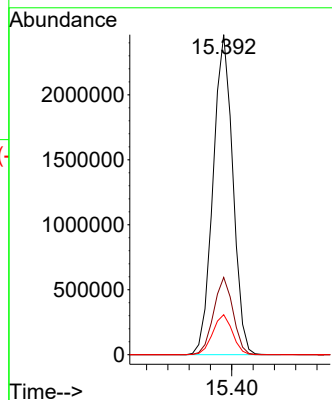
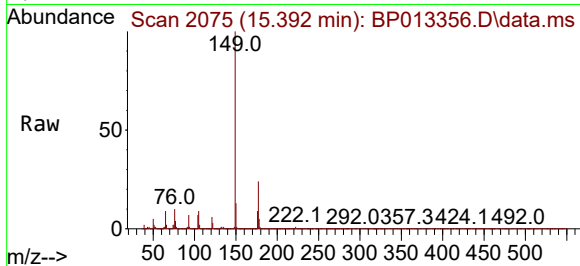




#59
Diethylphthalate
Concen: 32.152 ng/ul
RT: 15.392 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

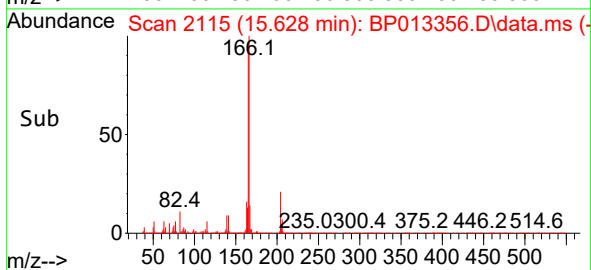
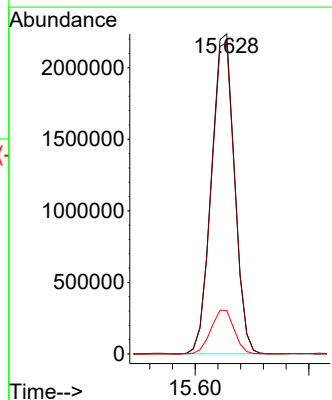
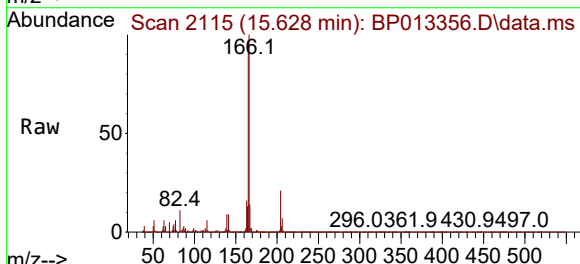
Instrument :
BNA_P
ClientSampleId :

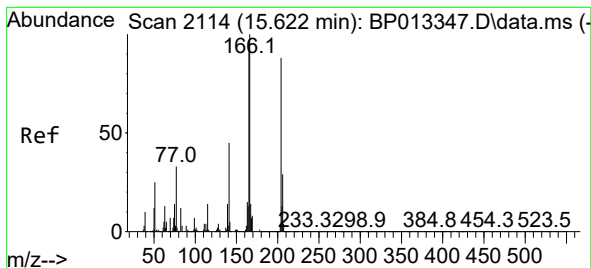
Tgt Ion:149 Resp: 3163461
Ion Ratio Lower Upper
149 100
177 24.2 18.4 27.6
150 12.5 9.9 14.9



#61
Fluorene
Concen: 33.118 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:166 Resp: 3156934
Ion Ratio Lower Upper
166 100
165 97.3 77.4 116.2
167 13.6 10.6 16.0

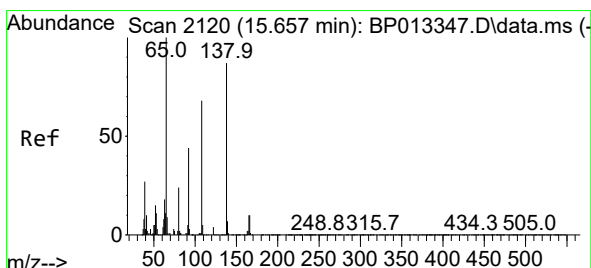
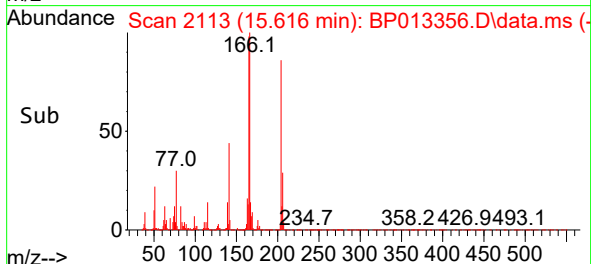
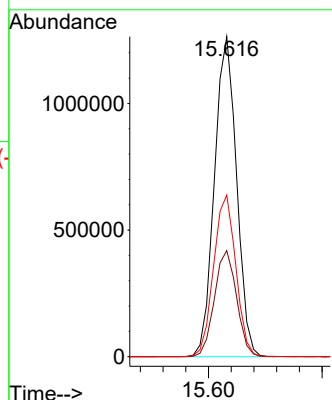
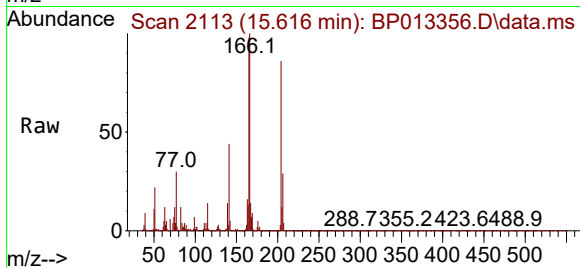




#62
4-Chlorophenyl-phenylether
Concen: 33.906 ng/ul
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

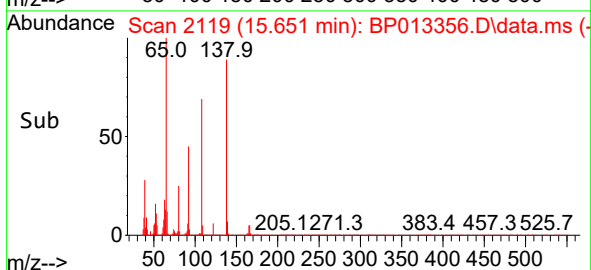
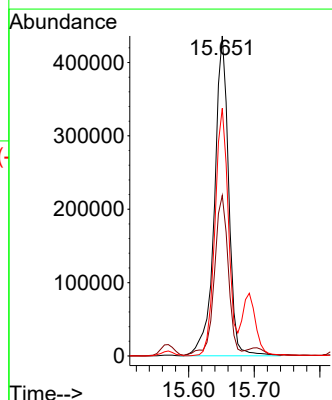
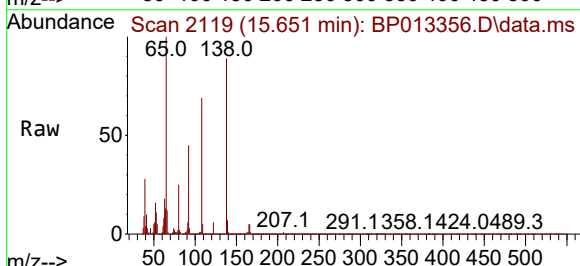
Instrument :
BNA_P
ClientSampleId :

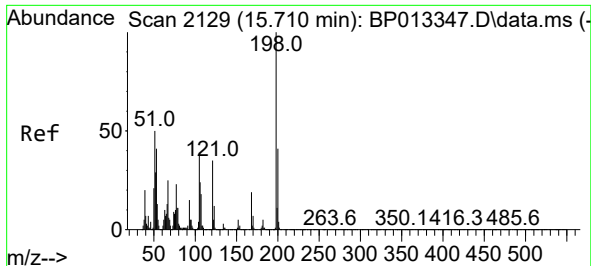
Tgt Ion:204 Resp: 1709226
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 50.5 40.4 60.6



#63
4-Nitroaniline
Concen: 42.016 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:138 Resp: 656677
Ion Ratio Lower Upper
138 100
92 50.2 39.0 58.4
108 77.4 55.1 82.7

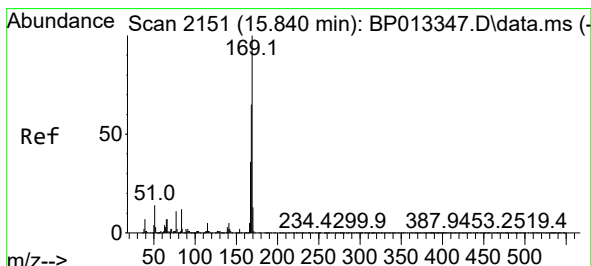
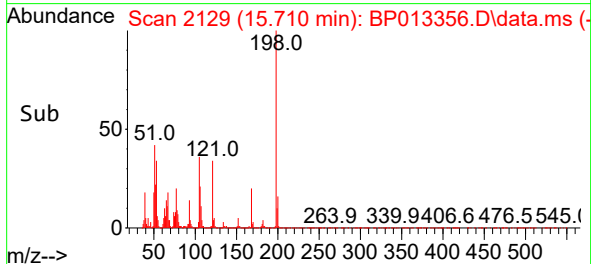
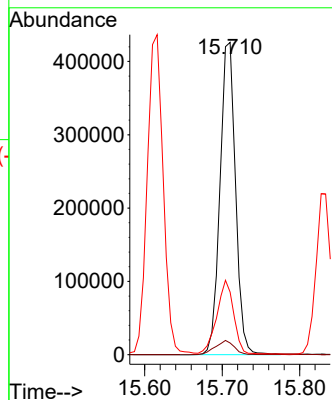
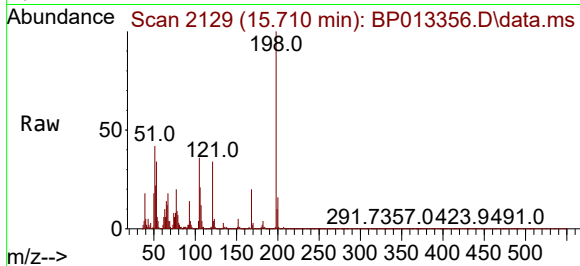




#66
4,6-Dinitro-2-methylphenol
Concen: 32.715 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

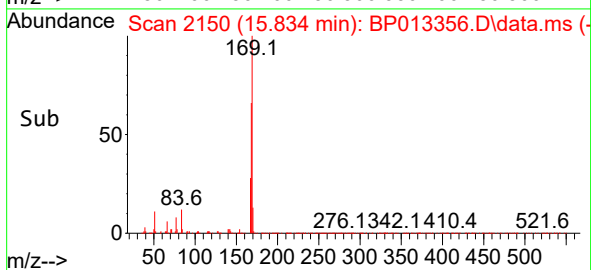
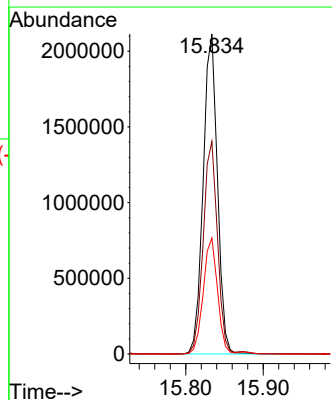
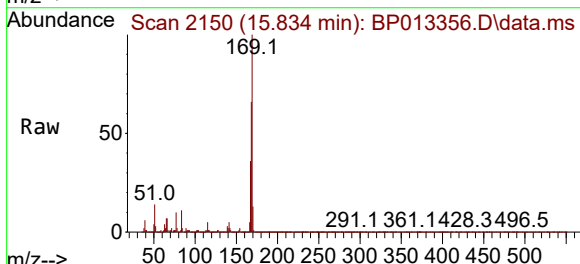
Instrument :
BNA_P
ClientSampleId :

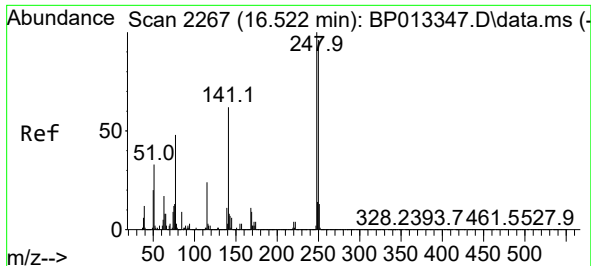
Tgt Ion:198 Resp: 595676
Ion Ratio Lower Upper
198 100
182 3.8 3.3 4.9
77 20.0 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 33.659 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:169 Resp: 2701859
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.3 29.1 43.7

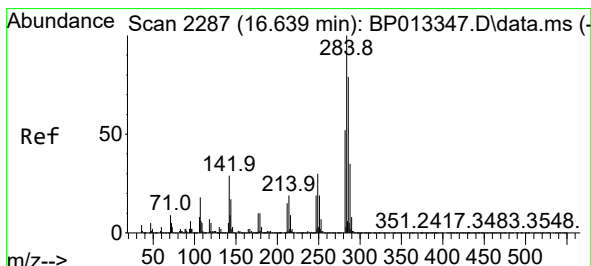
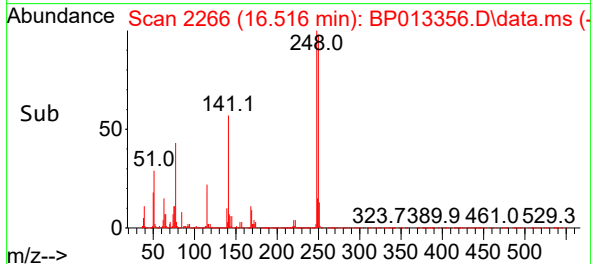
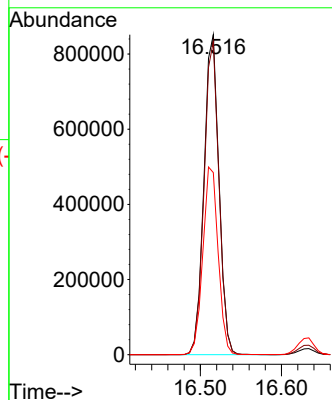
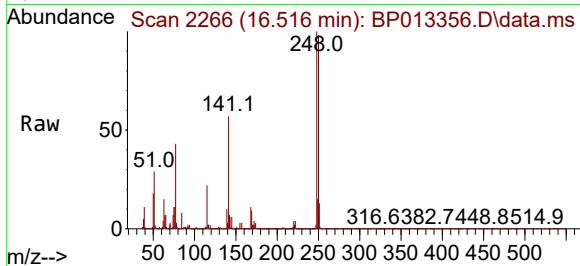




#68
4-Bromophenyl-phenylether
Concen: 34.786 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

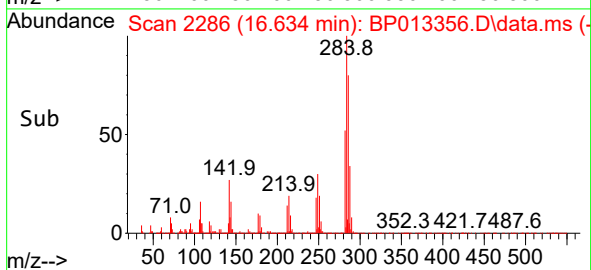
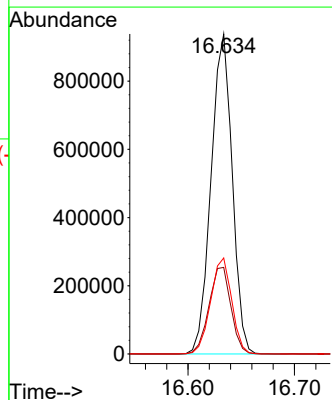
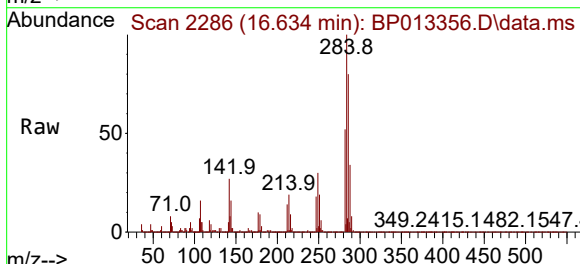
Instrument :
BNA_P
ClientSampleId :

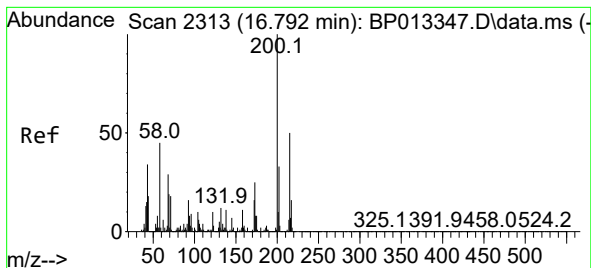
Tgt Ion:248 Resp: 1093798
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.0
141 56.9 48.3 72.5



#69
Hexachlorobenzene
Concen: 34.608 ng/ul
RT: 16.634 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:284 Resp: 1292093
Ion Ratio Lower Upper
284 100
142 27.1 22.6 34.0
249 30.0 24.6 37.0





#70

Atrazine

Concen: 33.198 ng/ul

RT: 16.787 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

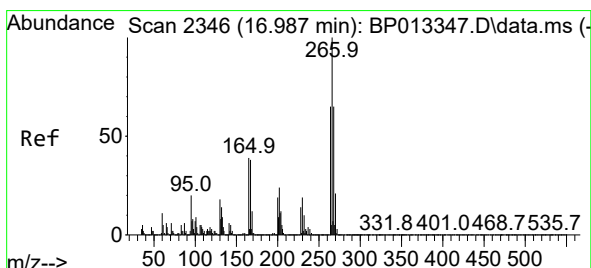
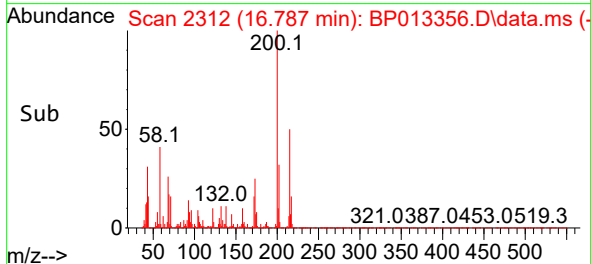
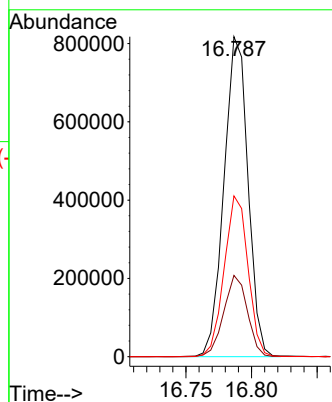
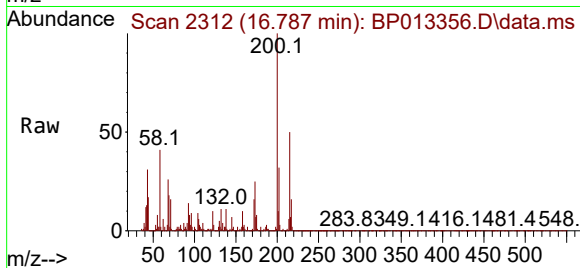
Tgt Ion:200 Resp: 1038469

Ion Ratio Lower Upper

200 100

173 25.4 20.5 30.7

215 50.3 39.9 59.9



#71

Pentachlorophenol

Concen: 31.777 ng/ul

RT: 16.981 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

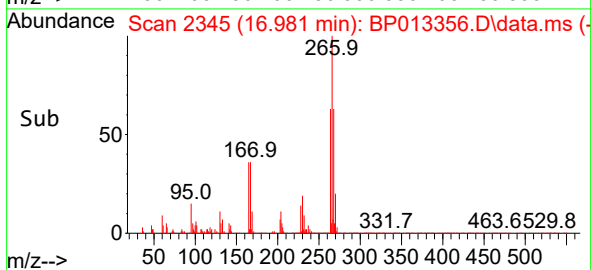
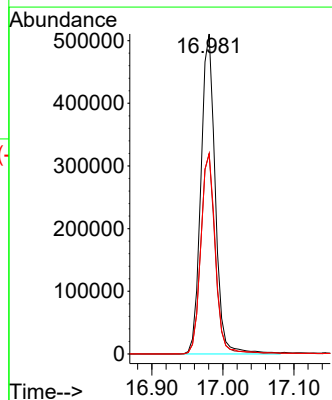
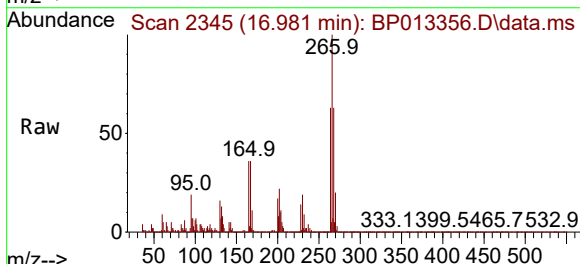
Tgt Ion:266 Resp: 718478

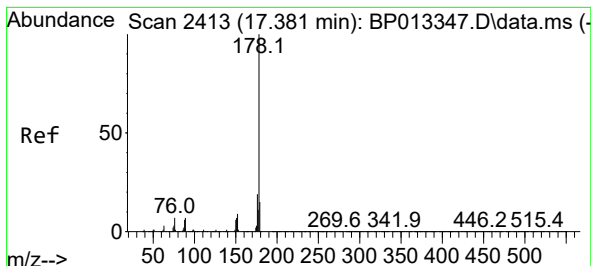
Ion Ratio Lower Upper

266 100

264 62.6 50.9 76.3

268 62.6 51.4 77.2





#72

Phenanthrene

Concen: 32.858 ng/ul

RT: 17.375 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

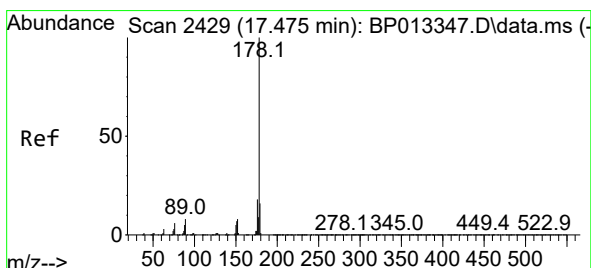
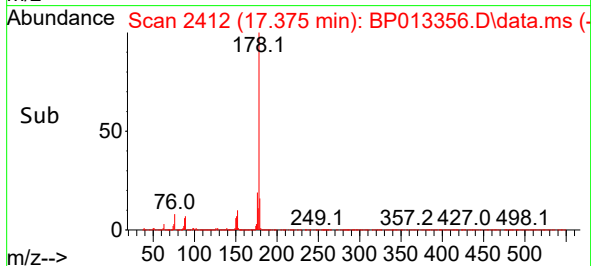
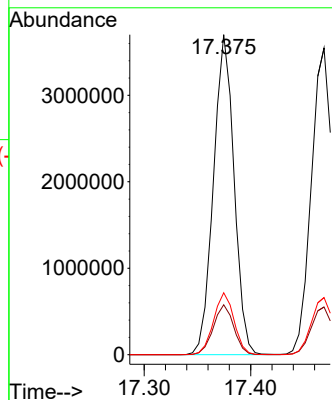
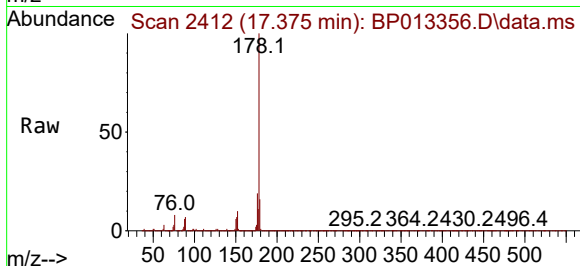
Tgt Ion:178 Resp: 4955245

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.4 15.4 23.0



#74

Anthracene

Concen: 33.215 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

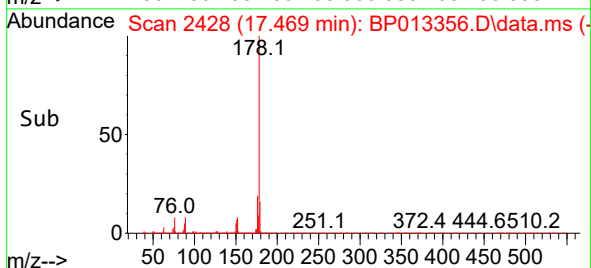
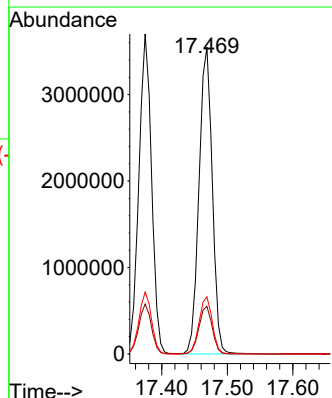
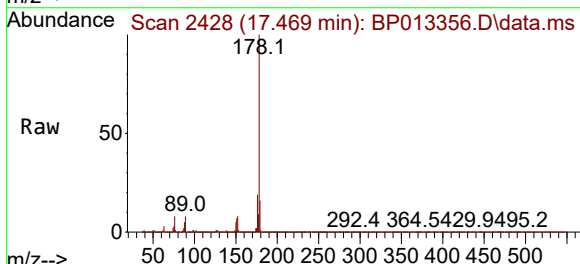
Tgt Ion:178 Resp: 5001623

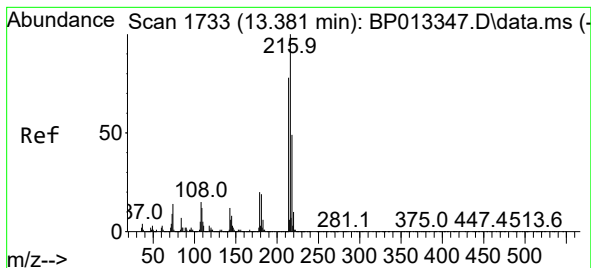
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.7 14.8 22.2

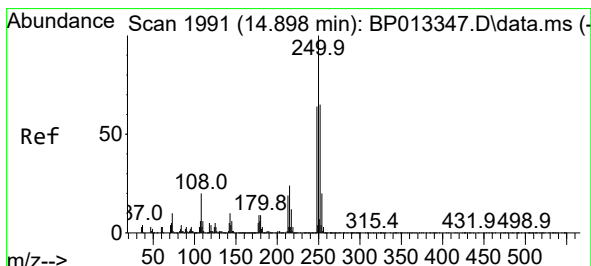
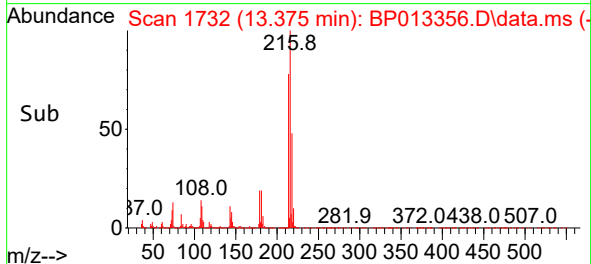
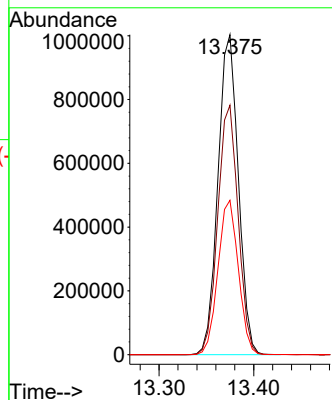
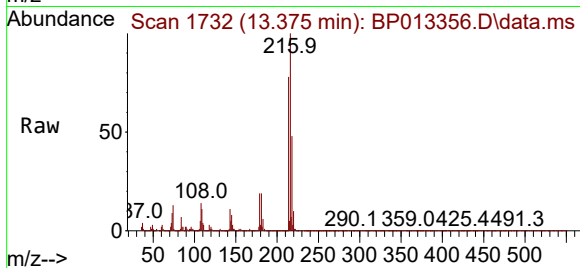




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.329 ng/uL
RT: 13.375 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

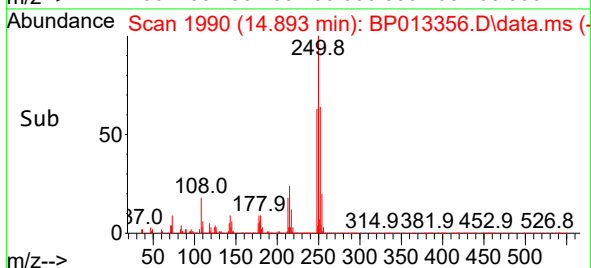
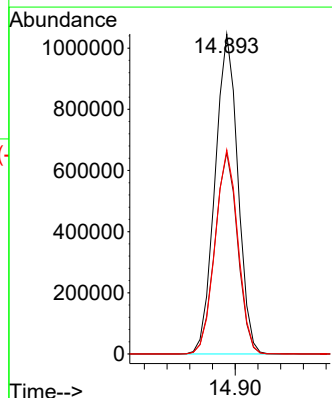
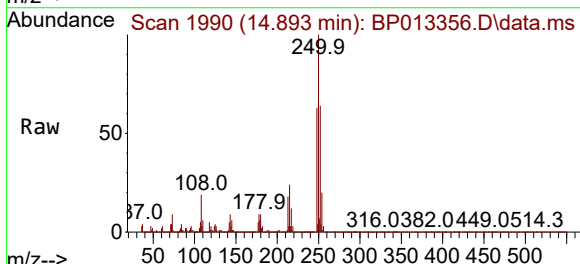
Instrument :
BNA_P
ClientSampleId :

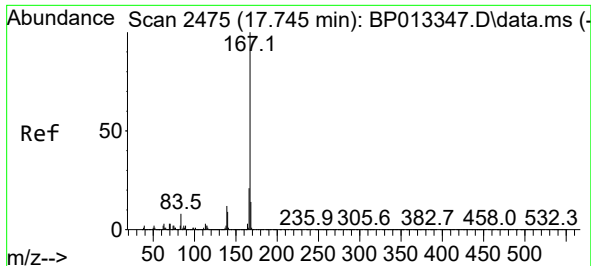
Tgt Ion:216 Resp: 1500728
Ion Ratio Lower Upper
216 100
214 78.0 62.2 93.2
218 48.3 38.9 58.3



#76
Pentachlorobenzene
Concen: 34.641 ng/uL
RT: 14.893 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:250 Resp: 1458949
Ion Ratio Lower Upper
250 100
248 62.9 50.6 76.0
252 63.8 51.1 76.7

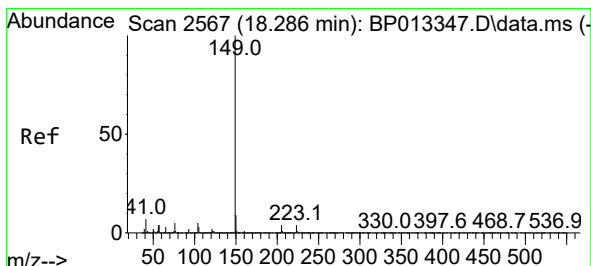
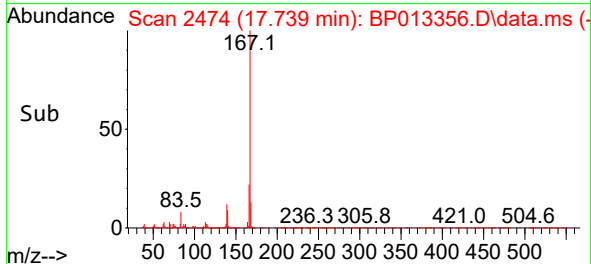
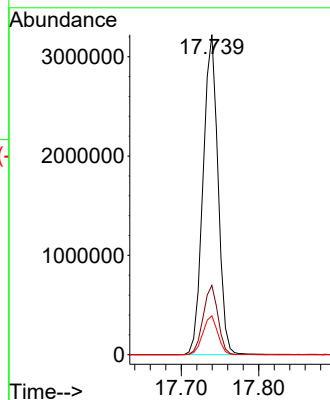
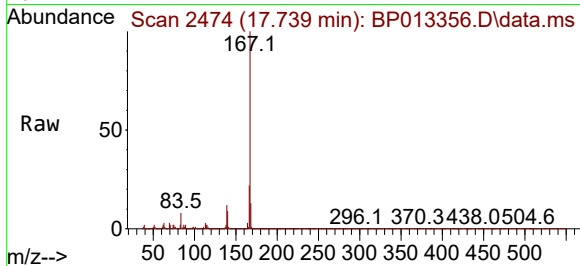




#77
 Carbazole
 Concen: 33.986 ng/ul
 RT: 17.739 min Scan# 2475
 Delta R.T. 0.000 min
 Lab File: BP013356.D
 Acq: 28 Dec 2022 17:28

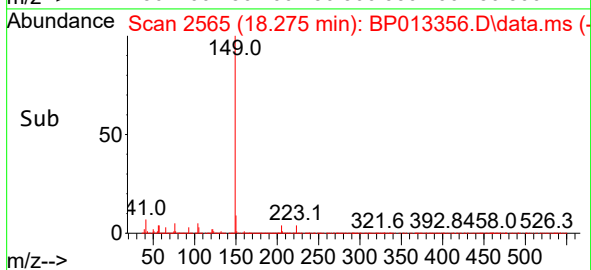
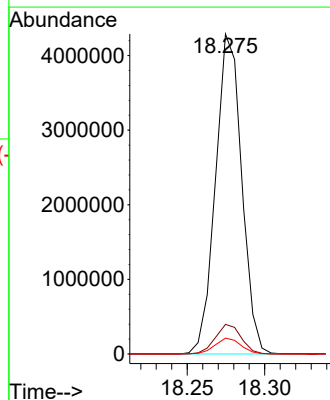
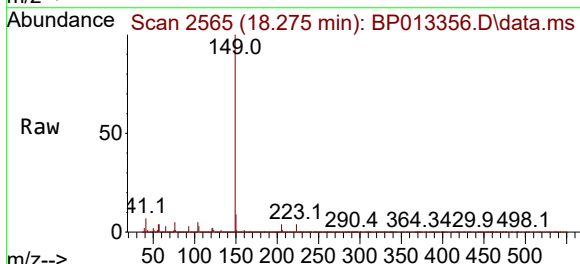
Instrument :
 BNA_P
 ClientSampleId :

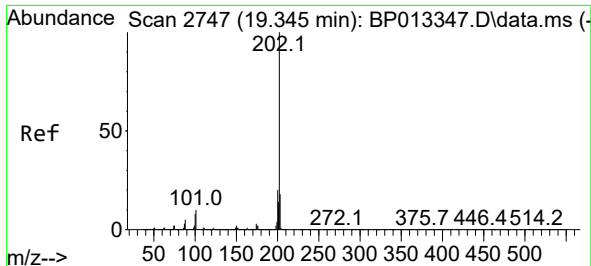
Tgt Ion:167 Resp: 4309969
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.2 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 32.592 ng/ul
 RT: 18.275 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BP013356.D
 Acq: 28 Dec 2022 17:28

Tgt Ion:149 Resp: 5032446
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 3.8 5.6

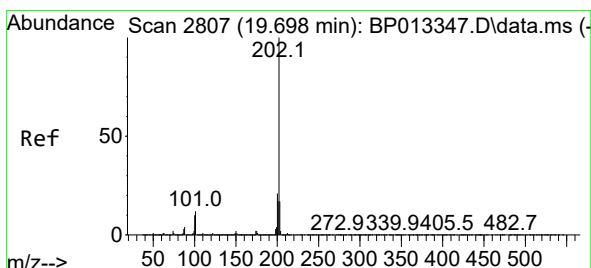
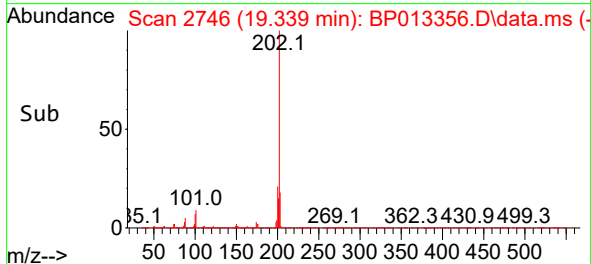
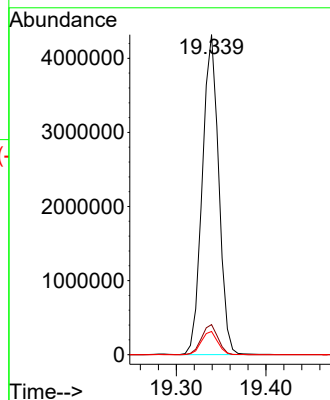
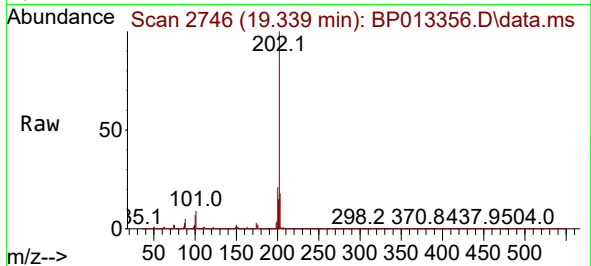




#80
Fluoranthene
Concen: 41.139 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

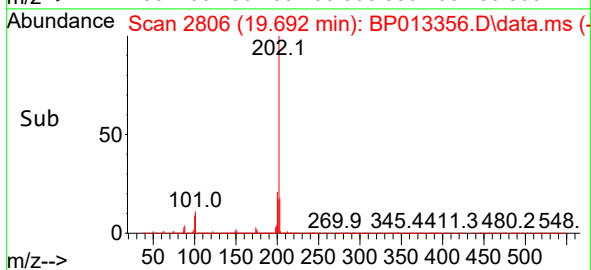
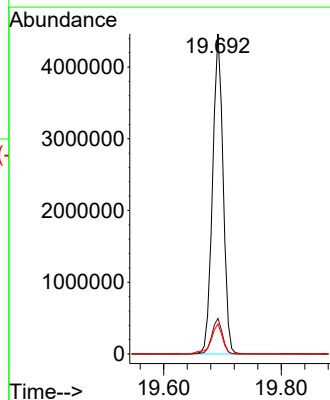
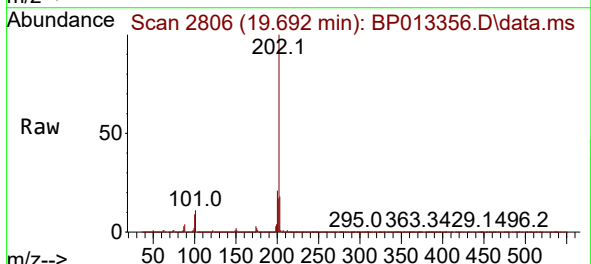
Instrument :
BNA_P
ClientSampleId :

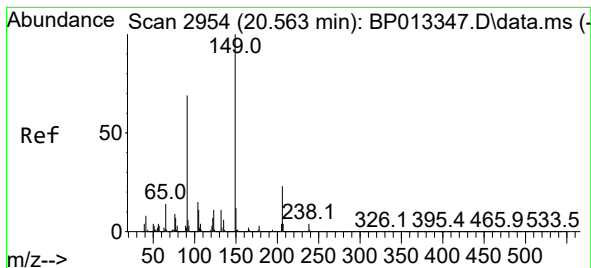
Tgt Ion:202 Resp: 5480954
Ion Ratio Lower Upper
202 100
101 9.4 8.2 12.2
100 7.2 6.1 9.1



#82
Pyrene
Concen: 40.466 ng/ul
RT: 19.692 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:202 Resp: 5561232
Ion Ratio Lower Upper
202 100
101 11.1 9.4 14.2
100 9.4 7.8 11.8





#83

Butylbenzylphthalate

Concen: 34.110 ng/ul

RT: 20.557 min Scan# 2954

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

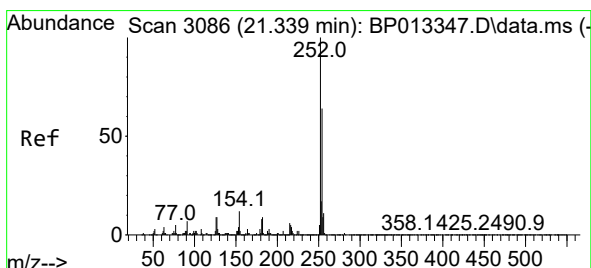
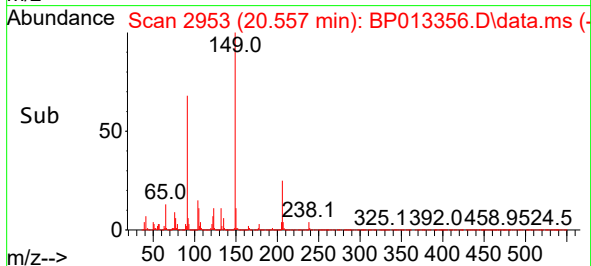
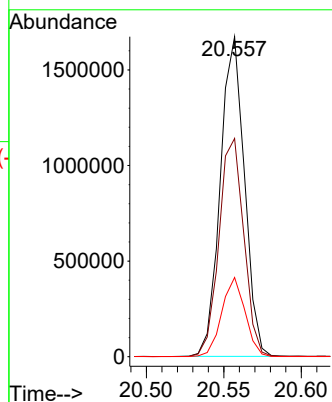
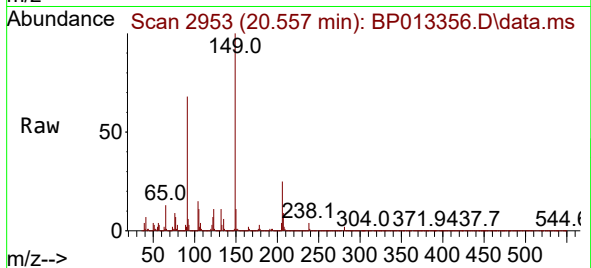
Tgt Ion:149 Resp: 1811012

Ion Ratio Lower Upper

149 100

91 68.2 53.4 80.0

206 24.8 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 31.319 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

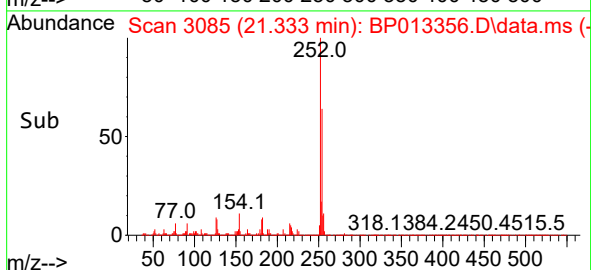
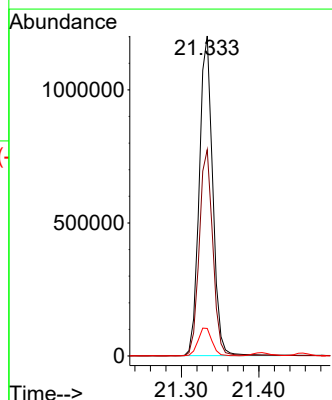
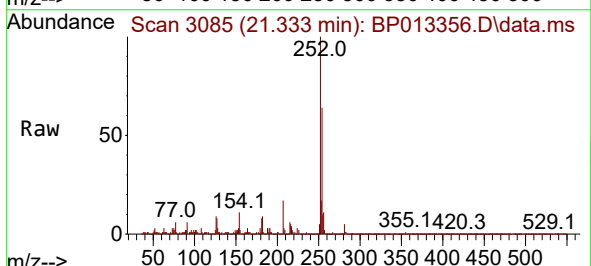
Tgt Ion:252 Resp: 1446898

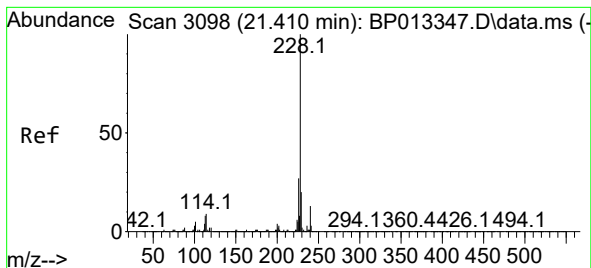
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 8.6 7.4 11.2





#85

Benzo(a)anthracene

Concen: 33.748 ng/ul

RT: 21.404 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

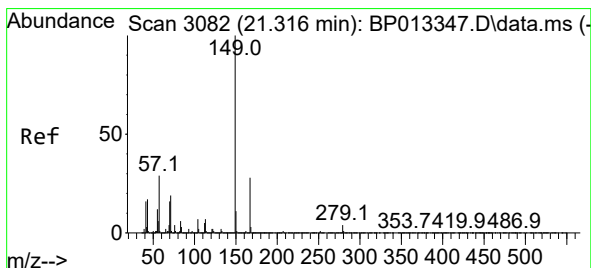
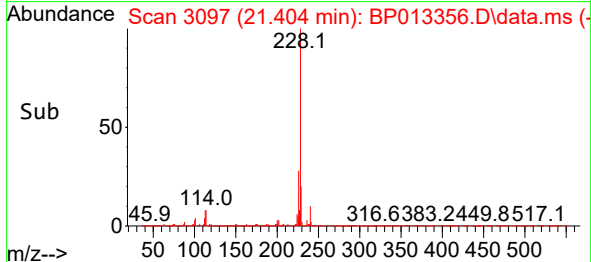
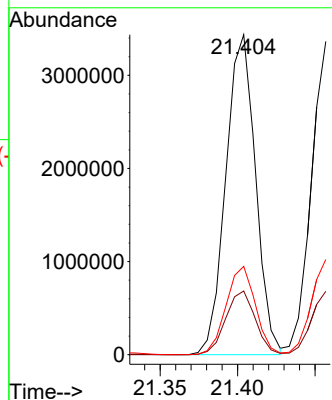
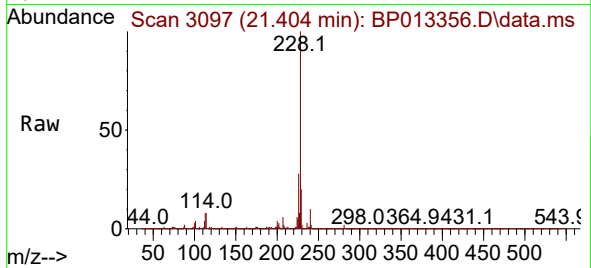
Tgt Ion:228 Resp: 4581598

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

226 27.6 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.792 ng/ul

RT: 21.310 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

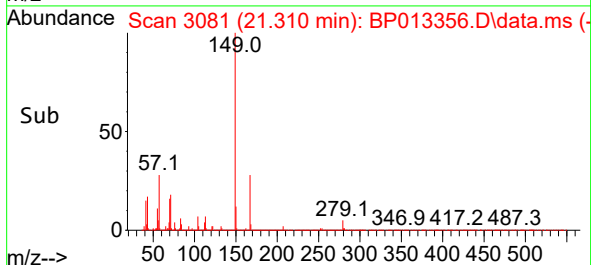
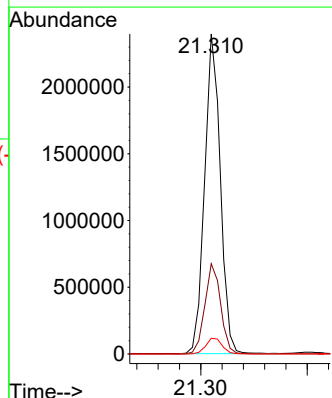
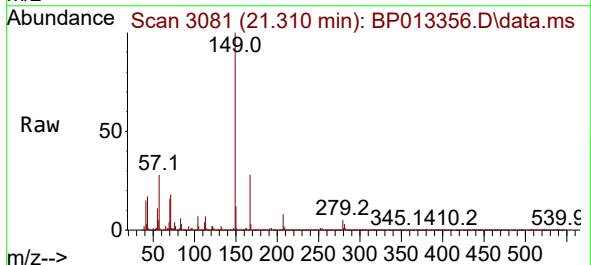
Tgt Ion:149 Resp: 2455929

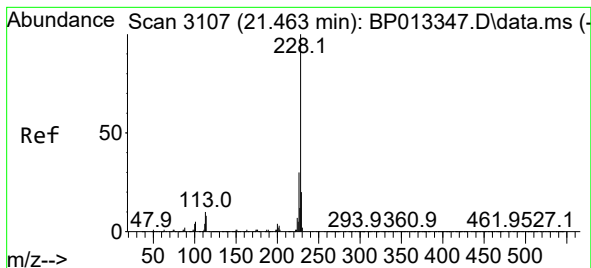
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.9 3.8 5.8





#87

Chrysene

Concen: 33.605 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

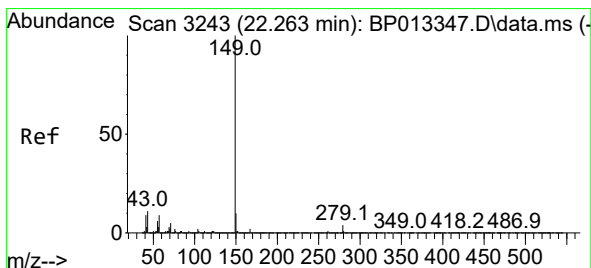
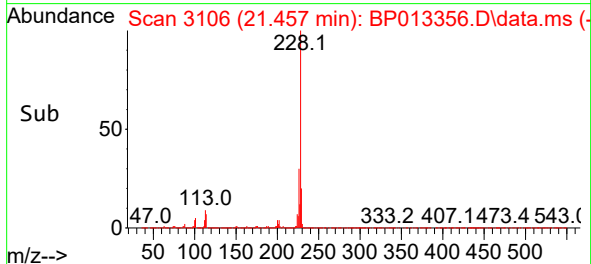
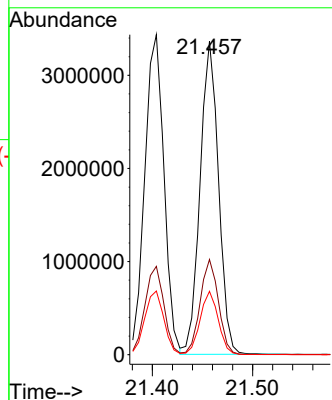
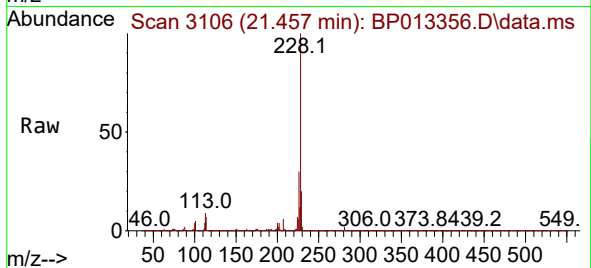
Tgt Ion:228 Resp: 4314328

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.2 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 33.289 ng/ul

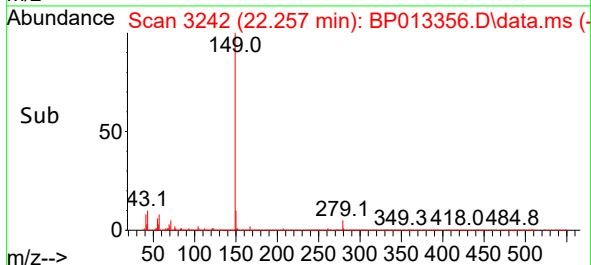
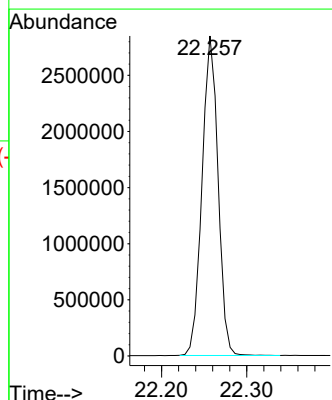
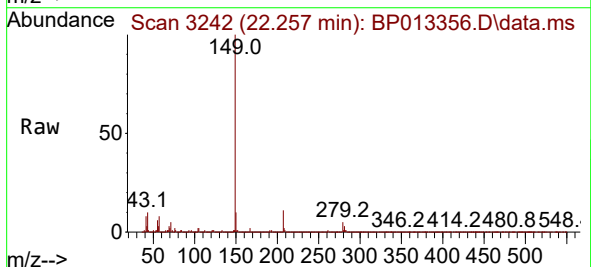
RT: 22.257 min Scan# 3242

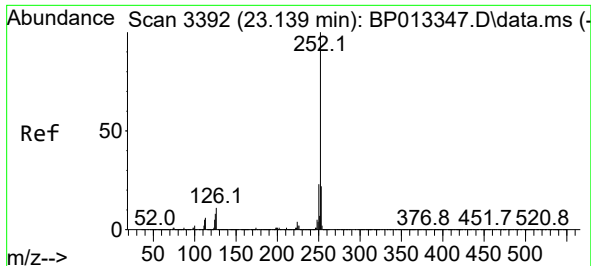
Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Tgt Ion:149 Resp: 3705491

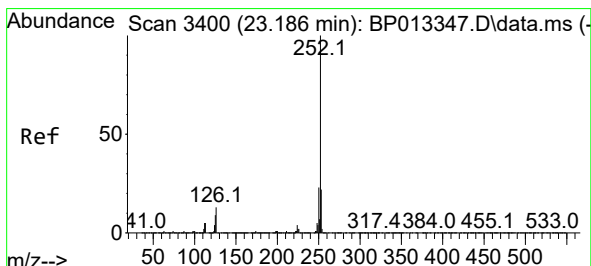
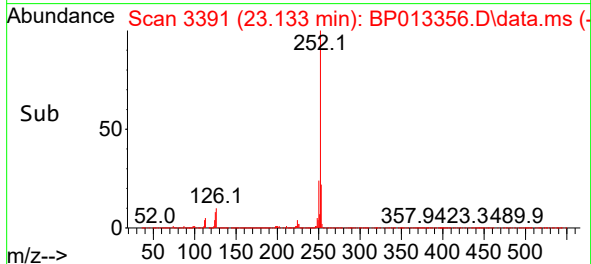
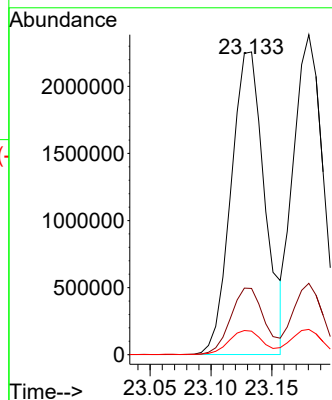
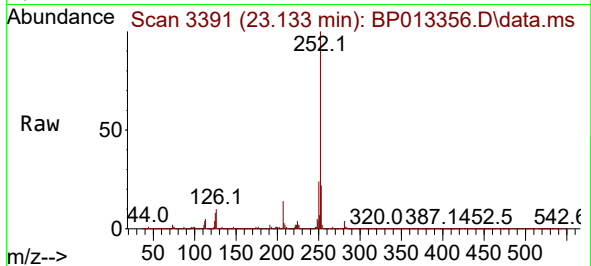




#90
Benzo(b)fluoranthene
Concen: 34.285 ng/ul
RT: 23.133 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

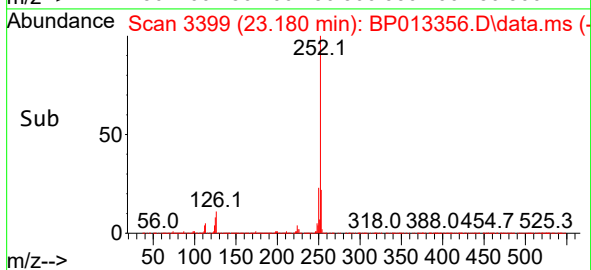
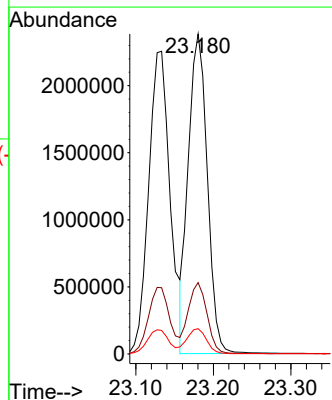
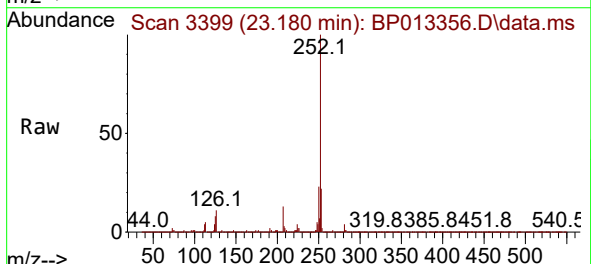
Instrument :
BNA_P
ClientSampleId :

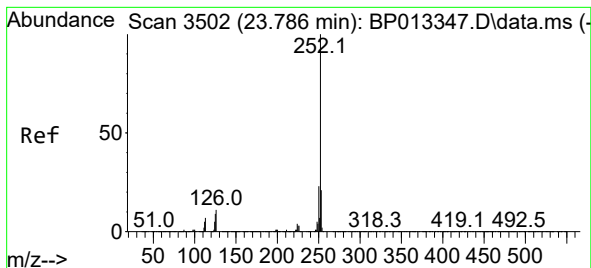
Tgt Ion:252 Resp: 4344020
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 7.8 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 32.303 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP013356.D
Acq: 28 Dec 2022 17:28

Tgt Ion:252 Resp: 4058549
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 33.803 ng/ul

RT: 23.774 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

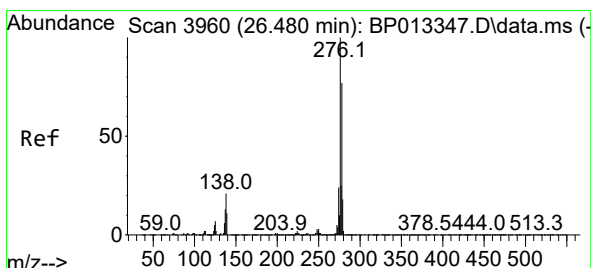
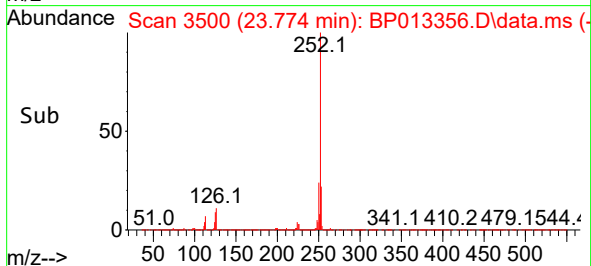
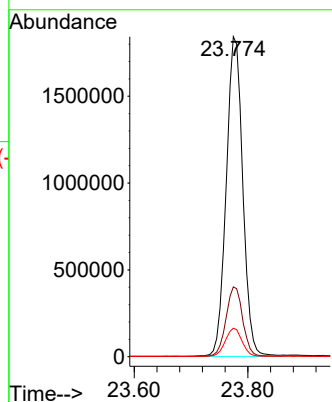
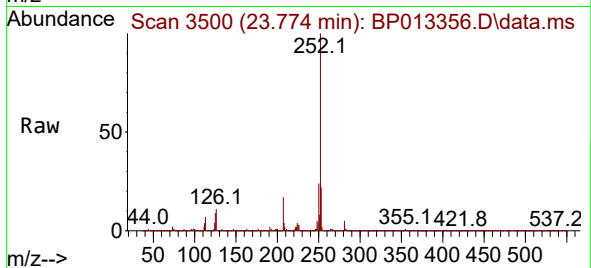
Tgt Ion:252 Resp: 3729273

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.9 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.122 ng/ul

RT: 26.462 min Scan# 3957

Delta R.T. -0.012 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

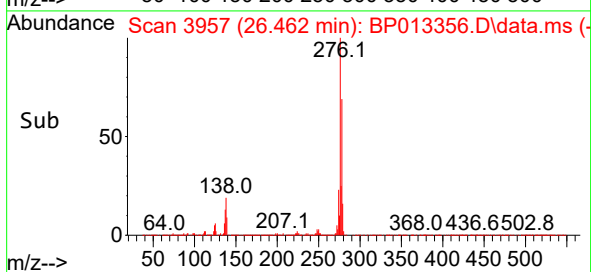
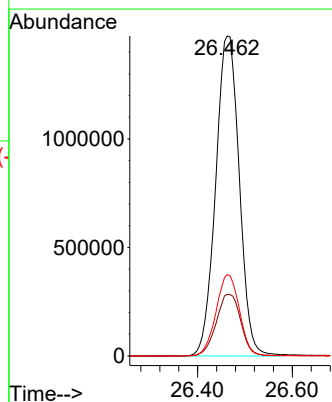
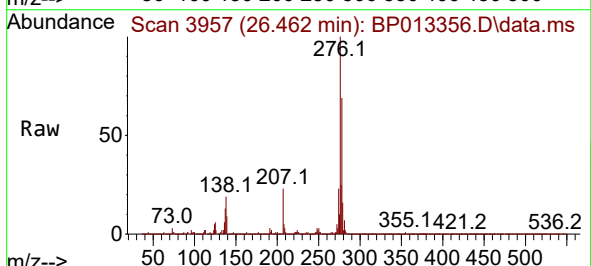
Tgt Ion:276 Resp: 5101271

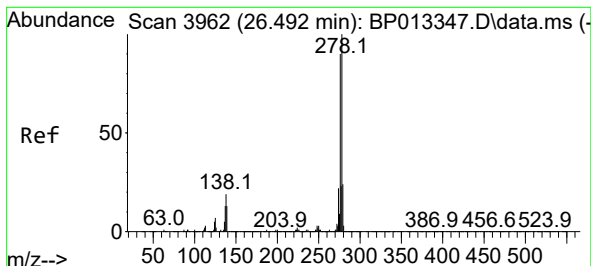
Ion Ratio Lower Upper

276 100

138 19.2 17.1 25.7

277 25.4 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 38.047 ng/ul

RT: 26.480 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Instrument :

BNA_P

ClientSampleId :

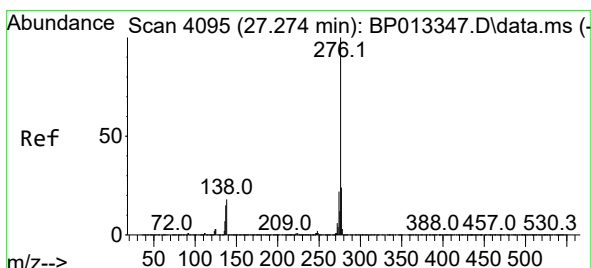
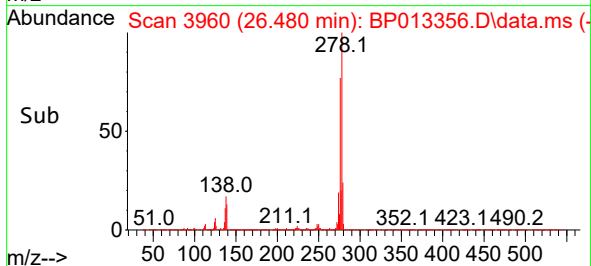
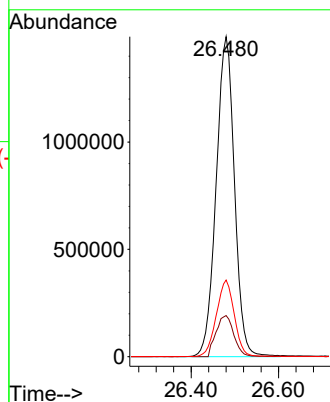
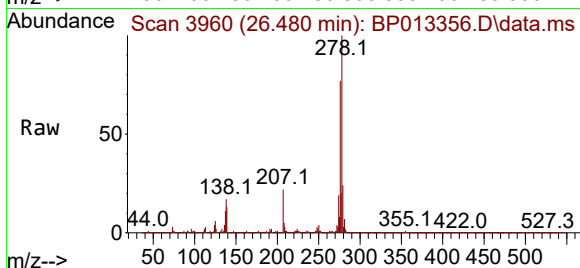
Tgt Ion:278 Resp: 4328903

Ion Ratio Lower Upper

278 100

139 12.8 11.1 16.7

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 38.847 ng/ul

RT: 27.257 min Scan# 4092

Delta R.T. -0.006 min

Lab File: BP013356.D

Acq: 28 Dec 2022 17:28

Tgt Ion:276 Resp: 4285661

Ion Ratio Lower Upper

276 100

138 17.5 15.4 23.2

277 23.9 19.1 28.7

