

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014412.D
 Acq On : 30 Mar 2023 20:55
 Operator : CG/JU
 Sample : 02131-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QG7

Quant Time: Mar 30 22:44:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 12:32:14 2023
 Response via : Initial Calibration

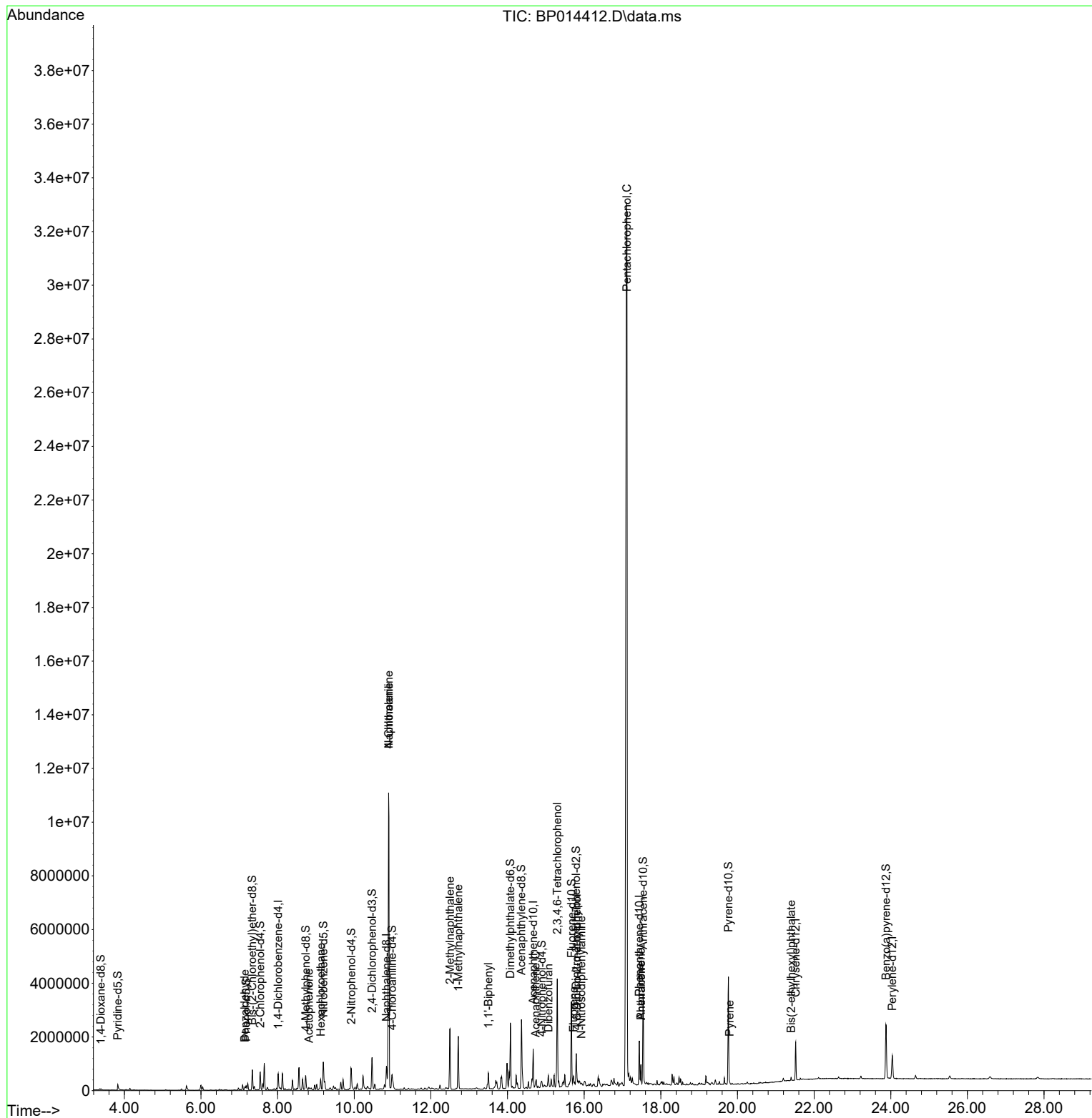
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	152700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	683130	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	454134	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	937885	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	697847	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	674000	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	20568	5.223	ng/uL	0.00
4) Pyridine-d5	3.828	84	123535	12.242	ng/ul	0.00
7) Phenol-d5	7.181	99	99399	7.058	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	340257	37.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	283385	27.841	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	201275	17.719	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	204714	37.121	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	224302	35.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	358370	31.161	ng/ul	0.00
31) 4-Chloroaniline-d4	10.987	131	277879	18.344	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	1489585	40.454	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	1569156	38.405	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	32616	5.863	ng/ul	0.01
60) Fluorene-d10	15.669	176	1211325	39.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	260424	37.737	ng/ul	0.00
73) Anthracene-d10	17.539	188	1832216	40.367	ng/ul	0.00
81) Pyrene-d10	19.763	212	1960137	41.817	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1454210	40.610	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.146	77	8037	1.148	ng/ul#	1
16) Acetophenone	8.816	105	55233	2.945	ng/ul#	32
19) Hexachloroethane	9.128	117	51835	11.198	ng/ul#	3
30) Naphthalene	10.899	128	8630330	226.808	ng/ul	100
32) 4-Chloroaniline	10.899	127	1184060	77.171	ng/ul#	13
36) 2-Methylnaphthalene	12.498	142	995626	38.609	ng/ul	100
37) 1-Methylnaphthalene	12.716	142	831984	32.531	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	286071	7.797	ng/ul	98
52) Acenaphthene	14.734	153	92867	3.020	ng/ul	94
56) Dibenzofuran	15.069	168	109688	2.538	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.298	232	761285	79.409	ng/ul	98
61) Fluorene	15.722	166	154326	4.405	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	37566	5.617	ng/ul#	85
67) N-Nitrosodiphenylamine	15.928	169	30254	1.037	ng/ul#	74
71) Pentachlorophenol	17.110	266	10945371	1409.365	ng/ul	99
72) Phenanthrene	17.481	178	430297	8.247	ng/ul	99
74) Anthracene	17.481	178	430380	8.184	ng/ul	98
82) Pyrene	19.792	202	60697	1.049	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	33301	1.222	ng/ul	96

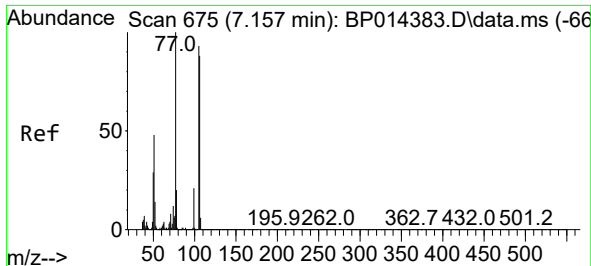
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014412.D
Acq On : 30 Mar 2023 20:55
Operator : CG/JU
Sample : 02131-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0QG7

Quant Time: Mar 30 22:44:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 12:32:14 2023
Response via : Initial Calibration

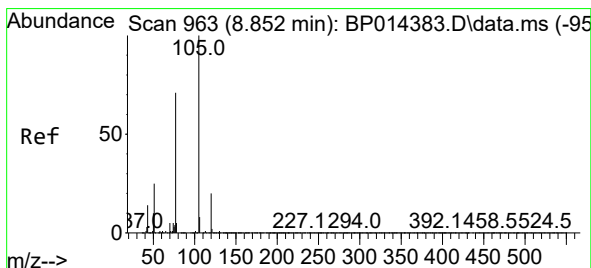
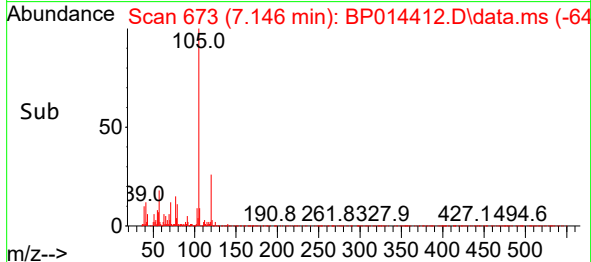
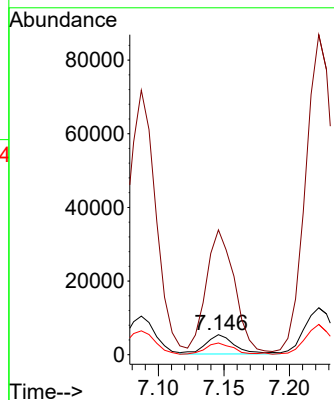
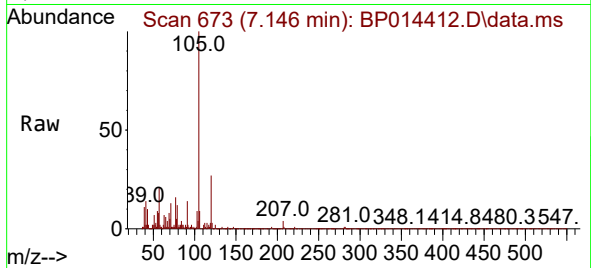




#6
Benzaldehyde
Concen: 1.148 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

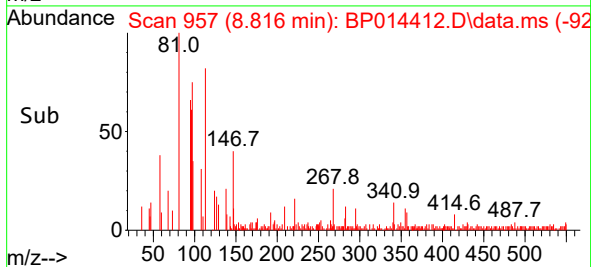
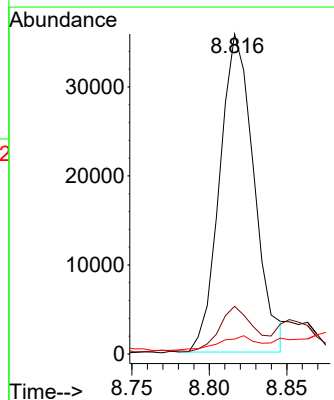
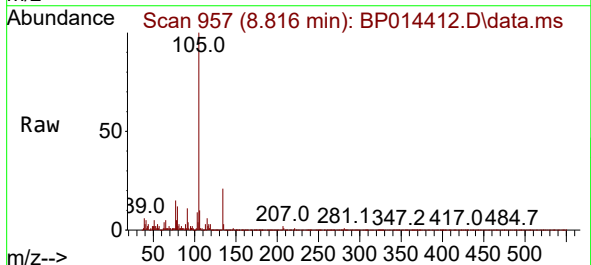
Instrument :
BNA_P
ClientSampleId :
C0QG7

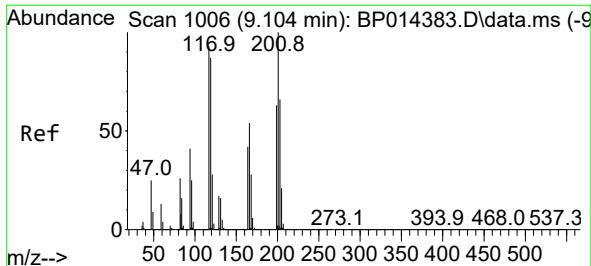
Tgt Ion: 77 Resp: 8037
Ion Ratio Lower Upper
77 100
105 621.4 70.6 105.8#
106 57.9 66.5 99.7#



#16
Acetophenone
Concen: 2.945 ng/ul
RT: 8.816 min Scan# 957
Delta R.T. -0.035 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

Tgt Ion: 105 Resp: 55233
Ion Ratio Lower Upper
105 100
77 14.9 67.3 100.9#
51 4.7 23.0 34.4#

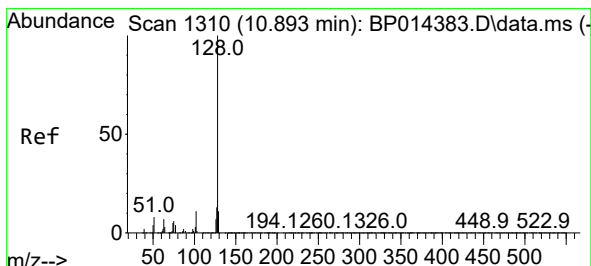
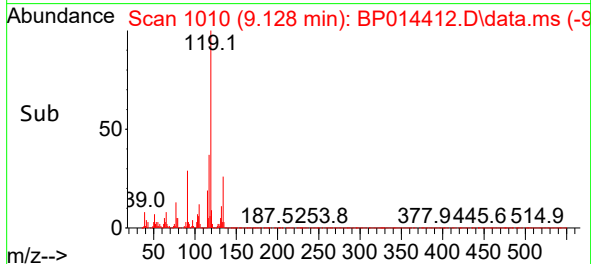
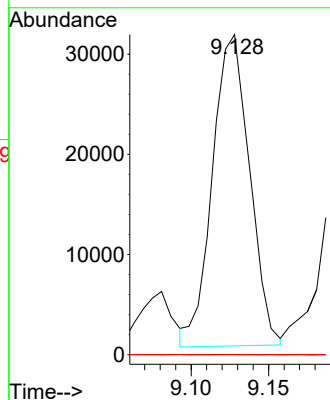
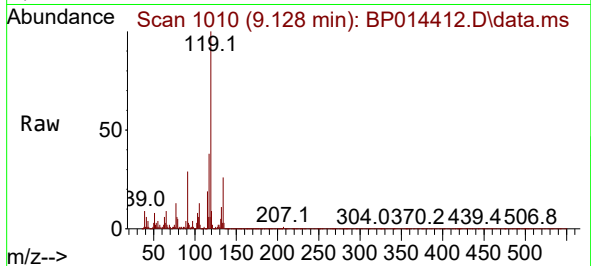




#19
Hexachloroethane
Concen: 11.198 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. 0.024 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

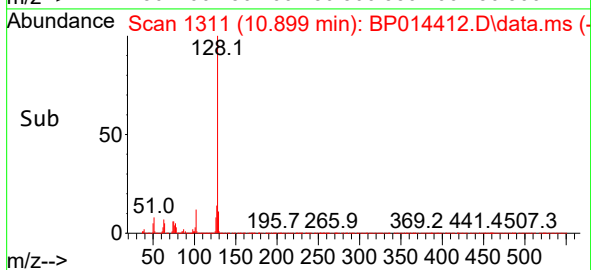
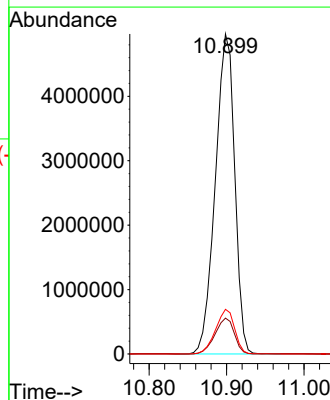
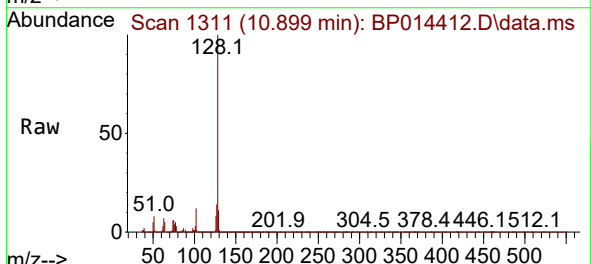
Instrument :
BNA_P
ClientSampleId :
C0QG7

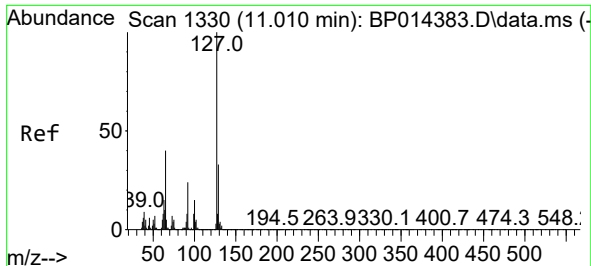
Tgt Ion:117 Resp: 51835
Ion Ratio Lower Upper
117 100
201 0.0 90.2 135.4#
199 0.0 54.2 81.2#



#30
Naphthalene
Concen: 226.808 ng/ul
RT: 10.899 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

Tgt Ion:128 Resp: 8630330
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.9 11.0 16.6

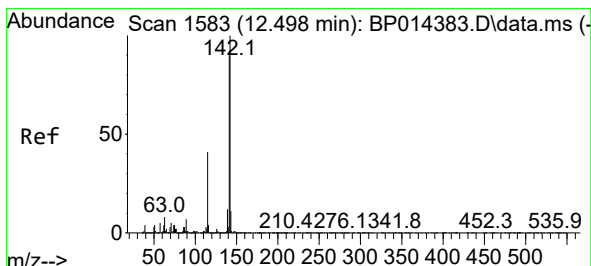
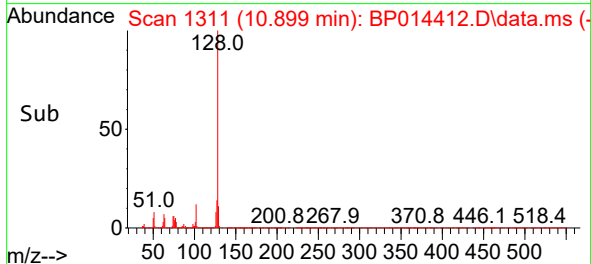
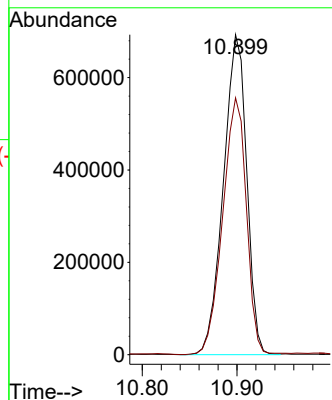
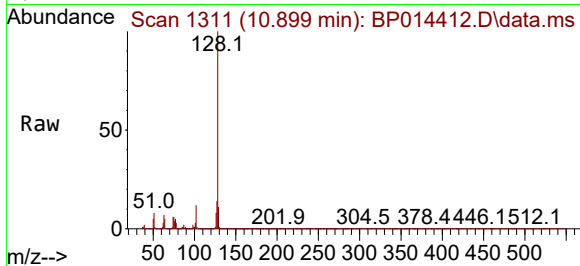




#32
4-Chloroaniline
Concen: 77.171 ng/ul
RT: 10.899 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

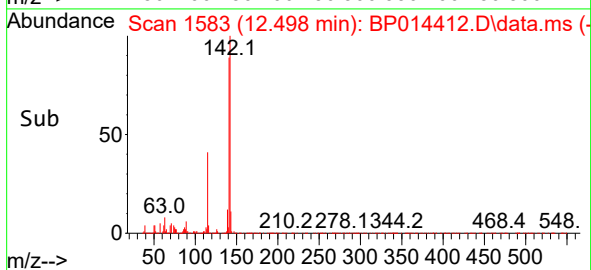
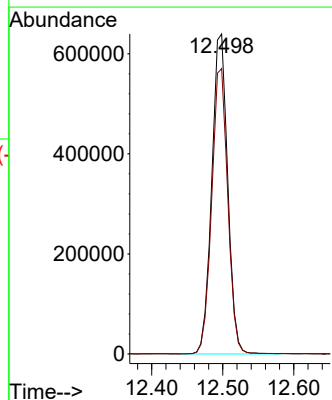
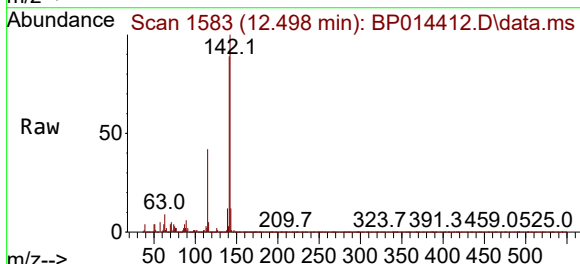
Instrument :
BNA_P
ClientSampleId :
C0QG7

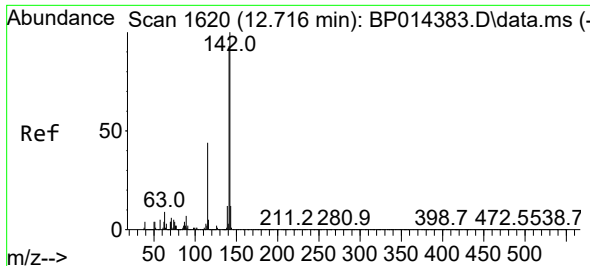
Tgt Ion:127 Resp: 1184060
Ion Ratio Lower Upper
127 100
129 80.3 25.4 38.0#



#36
2-Methylnaphthalene
Concen: 38.609 ng/ul
RT: 12.498 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

Tgt Ion:142 Resp: 995626
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4

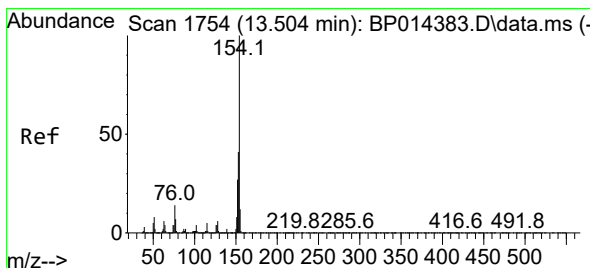
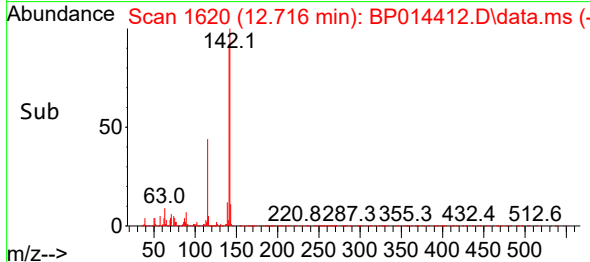
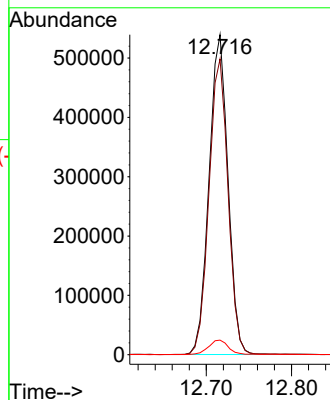
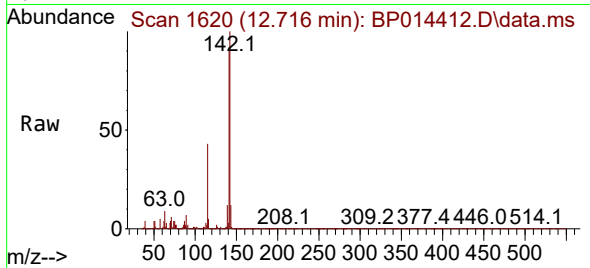




#37
1-Methylnaphthalene
Concen: 32.531 ng/ul
RT: 12.716 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

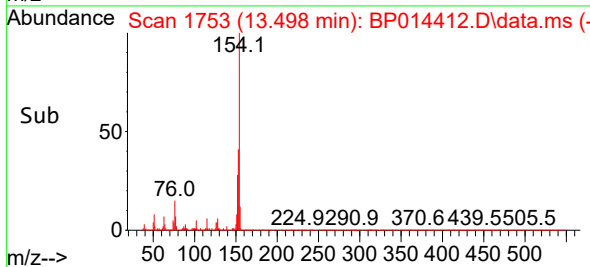
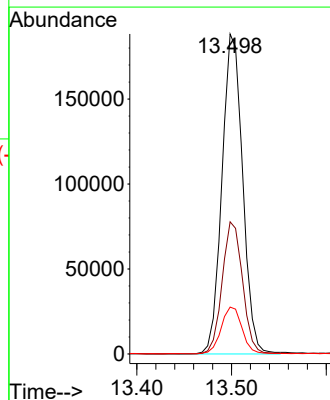
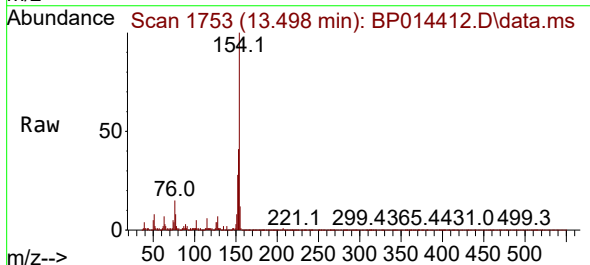
Instrument :
BNA_P
ClientSampleId :
C0QG7

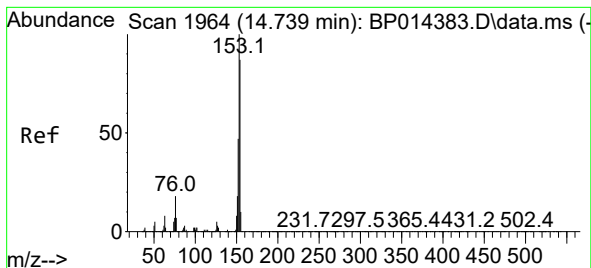
Tgt Ion:142 Resp: 831984
Ion Ratio Lower Upper
142 100
141 92.4 76.6 114.8
116 4.5 3.6 5.4



#43
1,1'-Biphenyl
Concen: 7.797 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

Tgt Ion:154 Resp: 286071
Ion Ratio Lower Upper
154 100
153 41.3 32.4 48.6
76 14.6 10.7 16.1





#52

Acenaphthene

Concen: 3.020 ng/ul

RT: 14.734 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BP014412.D

Acq: 30 Mar 2023 20:55

Instrument :

BNA_P

ClientSampleId :

C0QG7

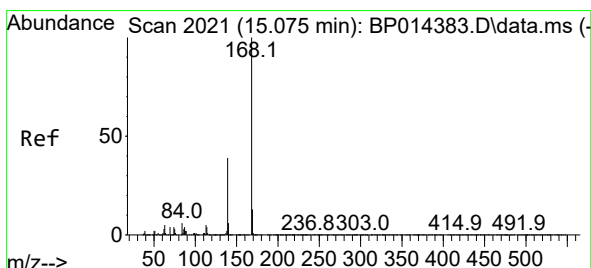
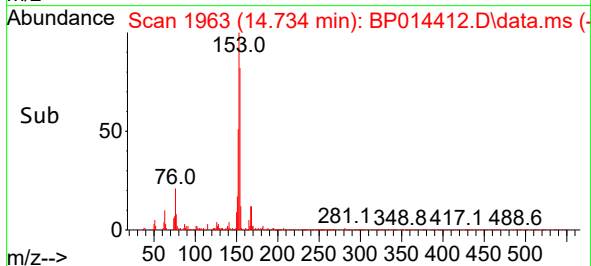
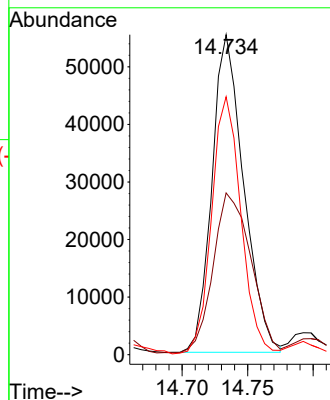
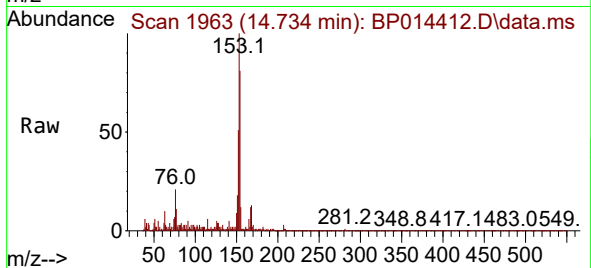
Tgt Ion:153 Resp: 92867

Ion Ratio Lower Upper

153 100

152 50.5 38.2 57.4

154 80.6 70.2 105.2



#56

Dibenzofuran

Concen: 2.538 ng/ul

RT: 15.069 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BP014412.D

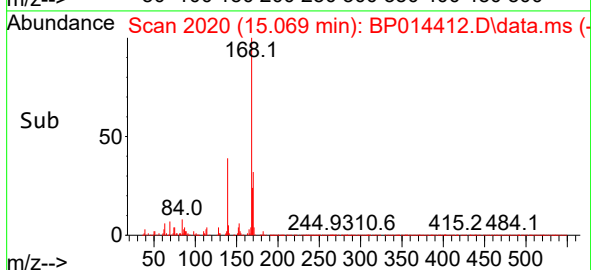
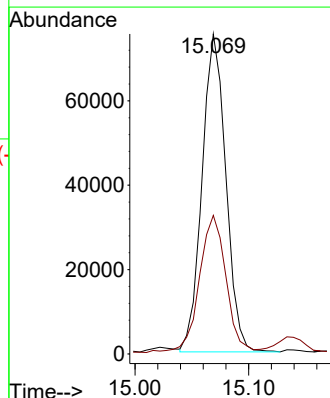
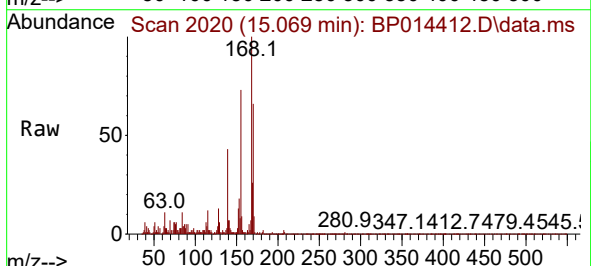
Acq: 30 Mar 2023 20:55

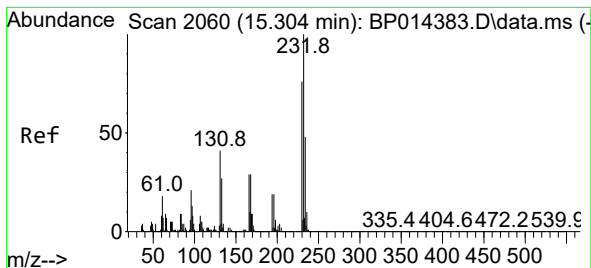
Tgt Ion:168 Resp: 109688

Ion Ratio Lower Upper

168 100

139 43.3 32.1 48.1

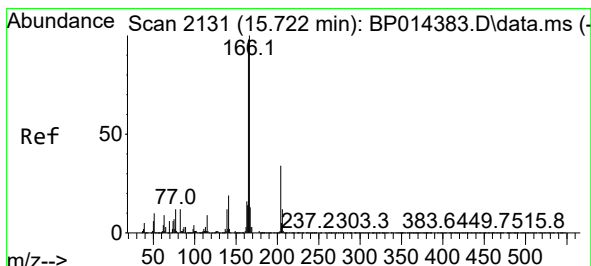
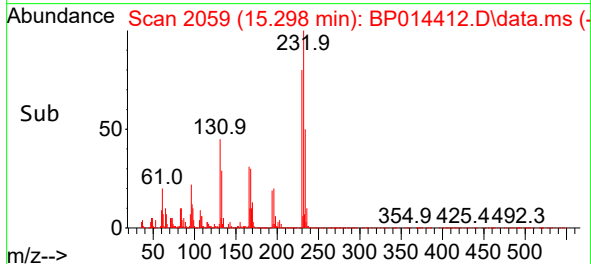
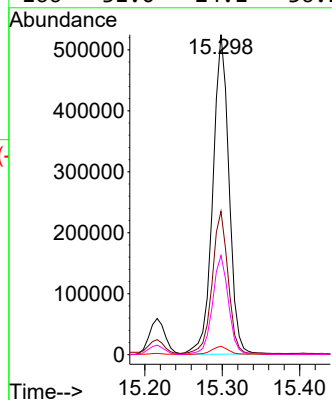
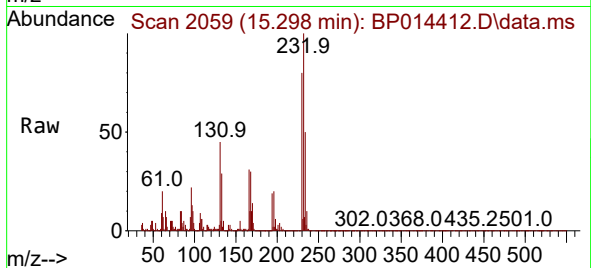




#58
2,3,4,6-Tetrachlorophenol
Concen: 79.409 ng/ul
RT: 15.298 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

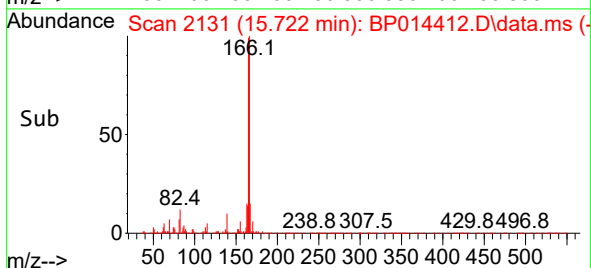
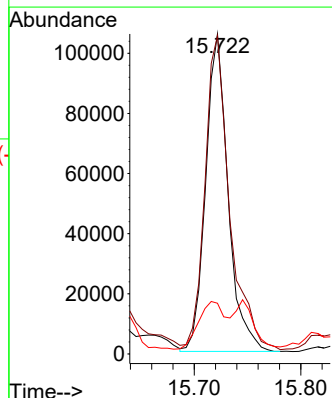
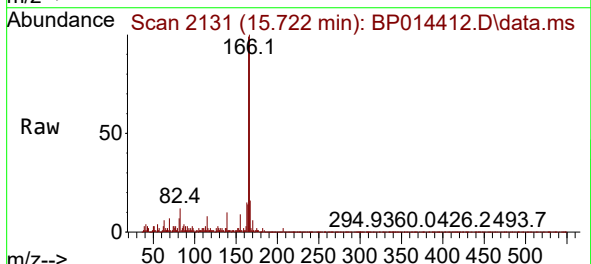
Instrument :
BNA_P
ClientSampleId :
C0QG7

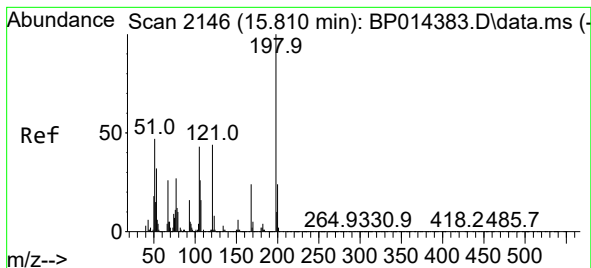
Tgt Ion:232 Resp: 761285
Ion Ratio Lower Upper
232 100
131 44.8 35.0 52.4
130 2.7 1.9 2.9
166 31.0 24.1 36.1



#61
Fluorene
Concen: 4.405 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

Tgt Ion:166 Resp: 154326
Ion Ratio Lower Upper
166 100
165 99.5 79.2 118.8
167 15.9 11.0 16.4

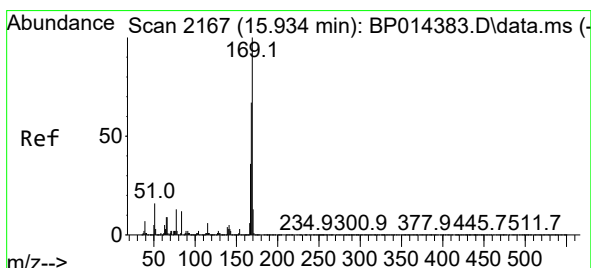
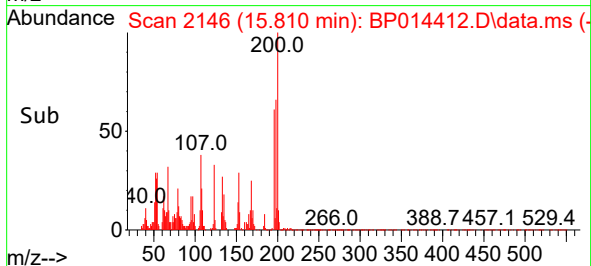
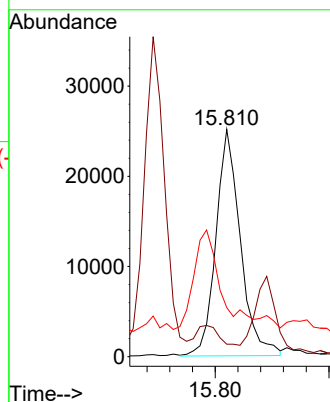
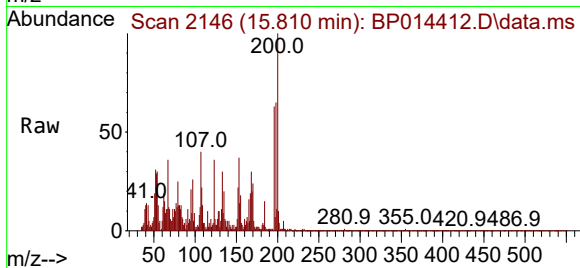




#66
4,6-Dinitro-2-methylphenol
Concen: 5.617 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

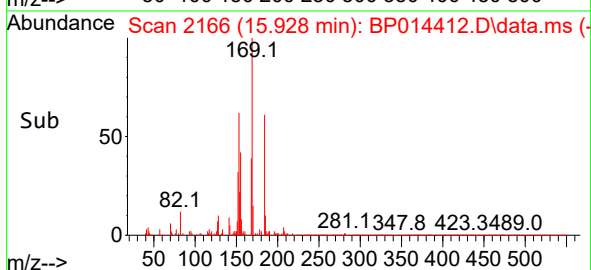
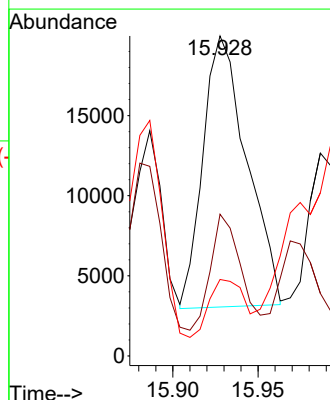
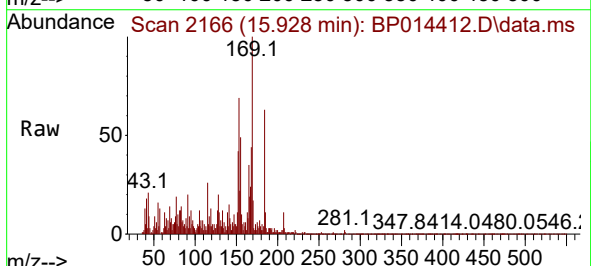
Instrument :
BNA_P
ClientSampleId :
C0QG7

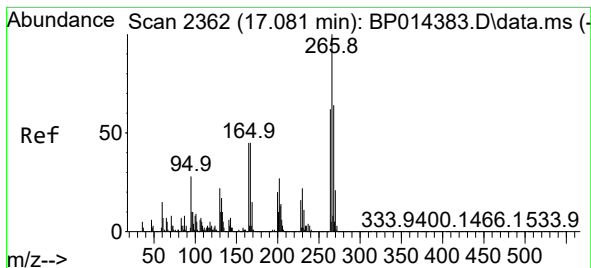
Tgt Ion:198 Resp: 37566
Ion Ratio Lower Upper
198 100
182 5.5 3.5 5.3#
77 21.6 24.4 36.6#



#67
N-Nitrosodiphenylamine
Concen: 1.037 ng/ul
RT: 15.928 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP014412.D
Acq: 30 Mar 2023 20:55

Tgt Ion:169 Resp: 30254
Ion Ratio Lower Upper
169 100
168 44.3 54.2 81.2#
167 23.9 29.4 44.2#





#71

Pentachlorophenol

Concen: 1409.365 ng/ul

RT: 17.110 min Scan# 21

Delta R.T. 0.029 min

Lab File: BP014412.D

Acq: 30 Mar 2023 20:55

Instrument :

BNA_P

ClientSampleId :

C0QG7

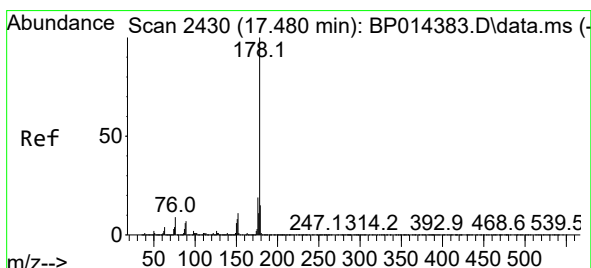
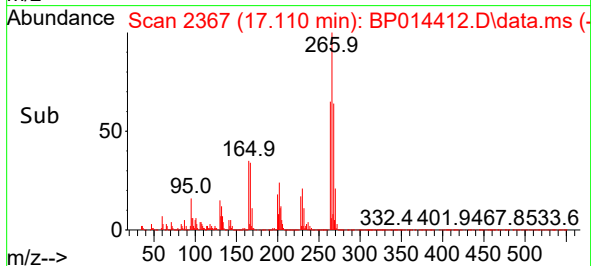
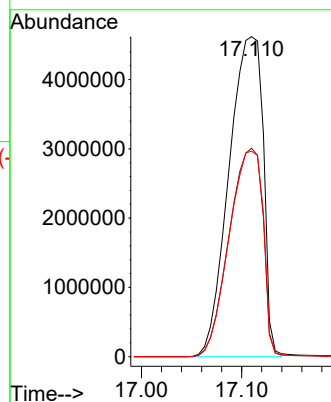
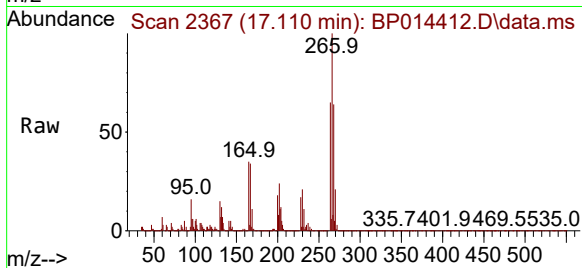
Tgt Ion:266 Resp:10945371

Ion Ratio Lower Upper

266 100

264 65.1 51.0 76.4

268 64.2 51.4 77.2



#72

Phenanthrene

Concen: 8.247 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BP014412.D

Acq: 30 Mar 2023 20:55

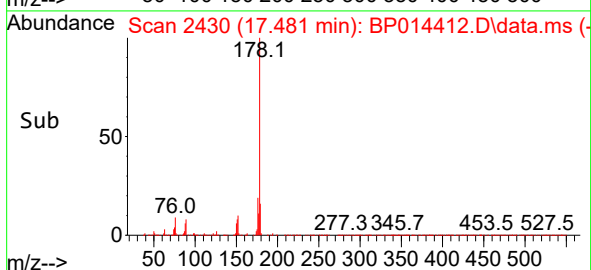
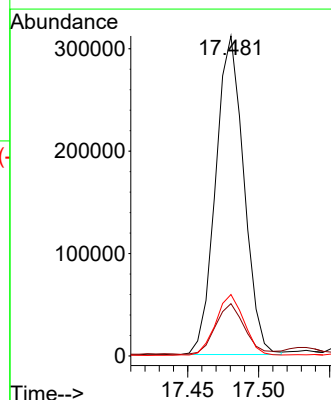
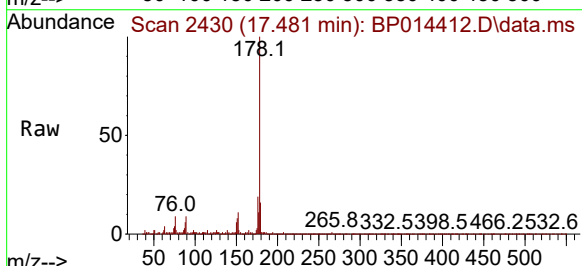
Tgt Ion:178 Resp: 430297

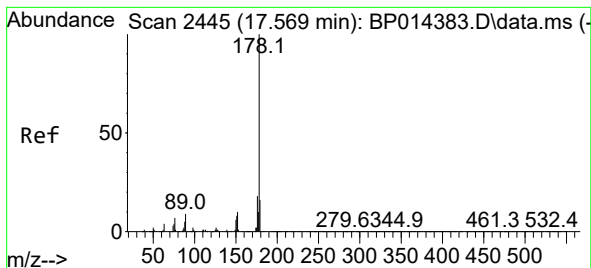
Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.4

176 19.2 15.3 22.9





#74

Anthracene

Concen: 8.184 ng/ul

RT: 17.481 min Scan# 2445

Delta R.T. -0.088 min

Lab File: BP014412.D

Acq: 30 Mar 2023 20:55

Instrument :

BNA_P

ClientSampleId :

C0QG7

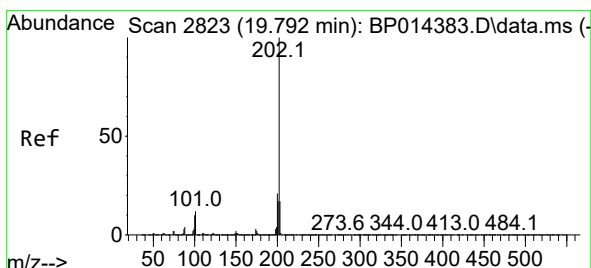
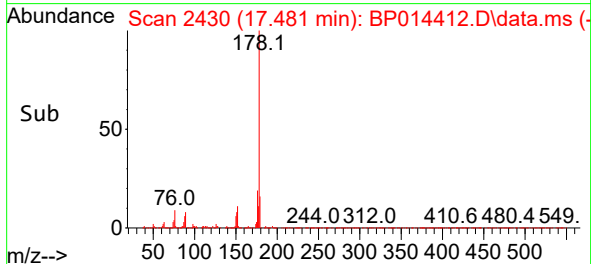
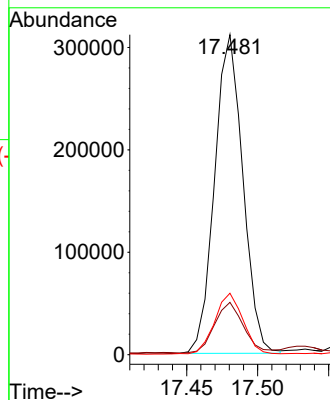
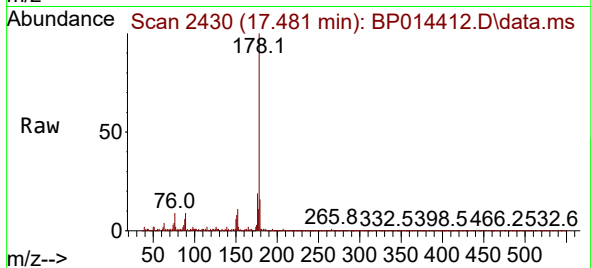
Tgt Ion:178 Resp: 430380

Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.4

176 19.2 14.9 22.3



#82

Pyrene

Concen: 1.049 ng/ul

RT: 19.792 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP014412.D

Acq: 30 Mar 2023 20:55

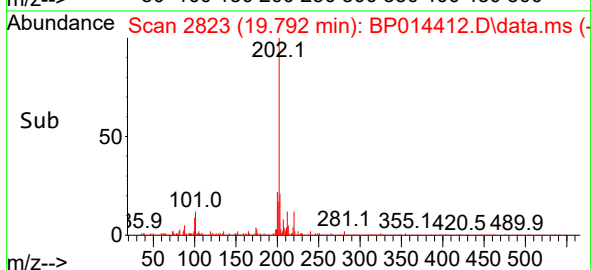
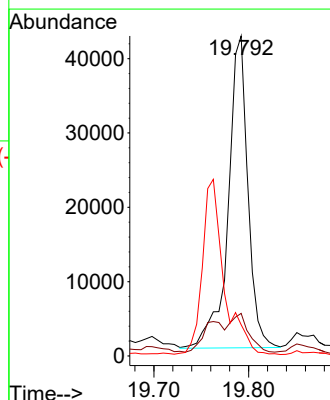
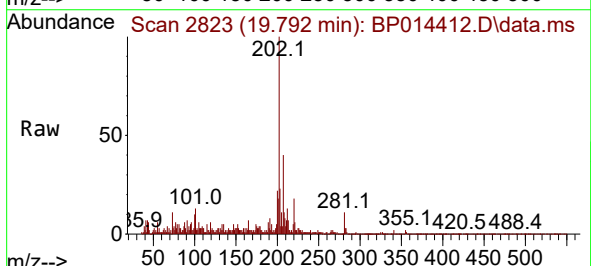
Tgt Ion:202 Resp: 60697

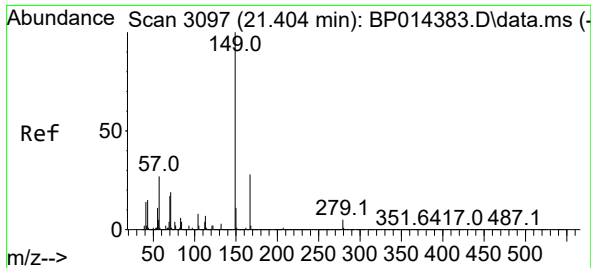
Ion Ratio Lower Upper

202 100

101 13.3 9.7 14.5

100 9.7 8.0 12.0





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.222 ng/ul
 RT: 21.398 min Scan# 3096
 Delta R.T. -0.006 min
 Lab File: BP014412.D
 Acq: 30 Mar 2023 20:55

Instrument :
 BNA_P
 ClientSampleId :
 C0QG7

Tgt Ion:	149	Resp:	33301
Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.9	32.9
279	5.0	3.7	5.5

