

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016906.D
 Acq On : 01 Sep 2023 14:14
 Operator : MA/JU
 Sample : 04134-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ7

Quant Time: Sep 01 23:02:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

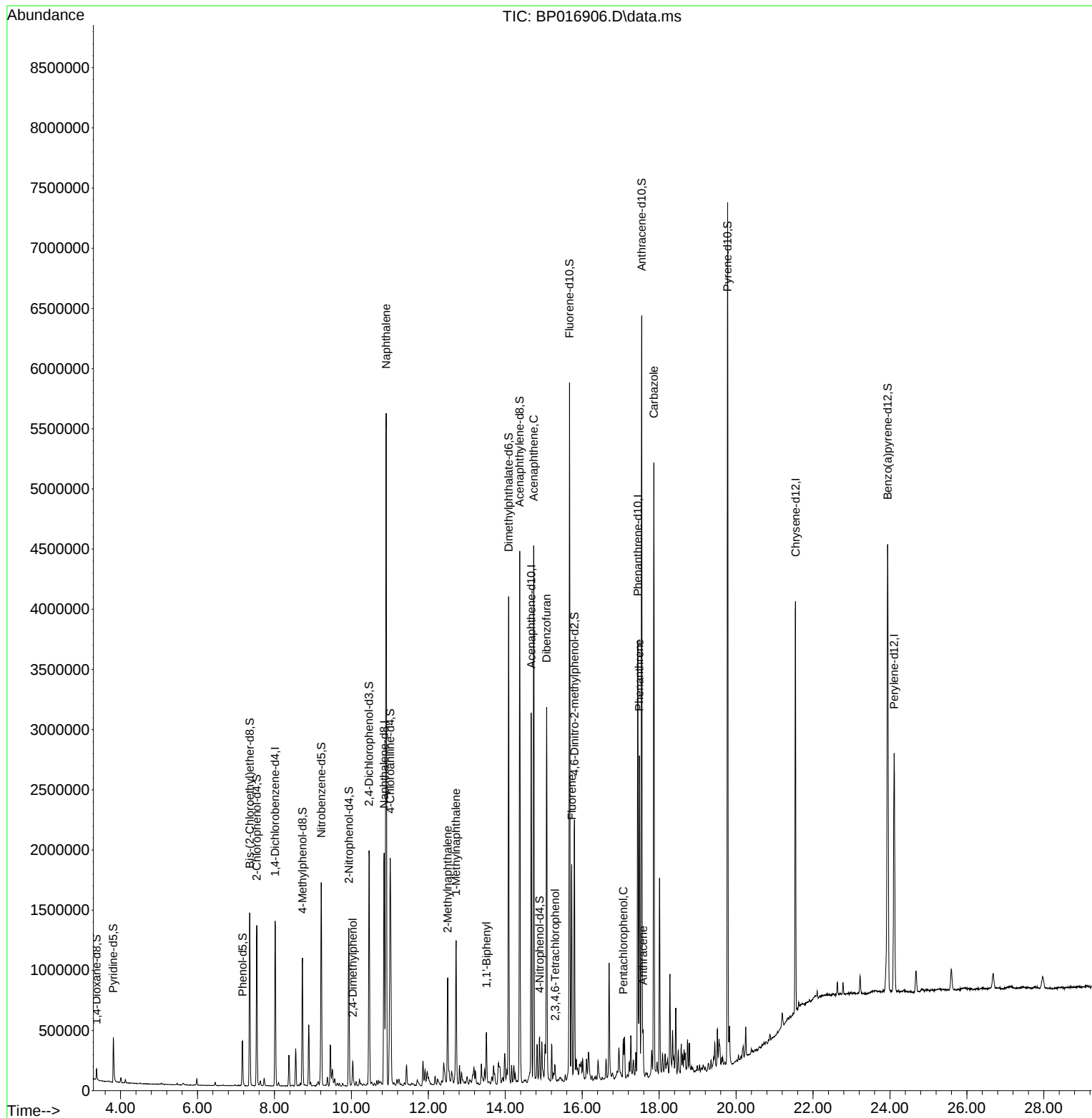
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	363173	20.000	ng/u1	0.00
20) Naphthalene-d8	10.852	136	1567621	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	967830	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2041001	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1531152	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1512420	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	42473	4.833	ng/uL	0.00
4) Pyridine-d5	3.811	84	205907	7.668	ng/u1	0.00
7) Phenol-d5	7.169	99	214415	6.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	626169	30.423	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	577840	23.798	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	394360	14.959	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	392664	33.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	414497	33.177	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	667843	28.673	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	820781	22.979	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	2522380	34.559	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2724313	33.018	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	84199	5.581	ng/u1	0.00
60) Fluorene-d10	15.669	176	2106501	34.272	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	397045	32.666	ng/u1	0.00
73) Anthracene-d10	17.545	188	3318594	36.682	ng/u1	0.00
81) Pyrene-d10	19.780	212	3506777	41.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2759280	36.422	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.034	107	63995	2.305	ng/u1#	93
30) Naphthalene	10.904	128	4462356	54.952	ng/u1	100
36) 2-Methylnaphthalene	12.504	142	400704	7.149	ng/u1	99
37) 1-Methylnaphthalene	12.722	142	505908	8.950	ng/u1	97
43) 1,1'-Biphenyl	13.510	154	186800	2.596	ng/u1	99
52) Acenaphthene	14.740	153	1733729	27.750	ng/u1	100
56) Dibenzofuran	15.075	168	1865233	21.758	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.292	232	18168	1.071	ng/u1#	94
61) Fluorene	15.728	166	746388	10.409	ng/u1	100
71) Pentachlorophenol	17.069	266	37221	2.289	ng/u1	98
72) Phenanthrene	17.486	178	1438164	13.385	ng/u1	100
74) Anthracene	17.581	178	143749	1.323	ng/u1	98
77) Carbazole	17.863	167	3004112	30.702	ng/u1	100

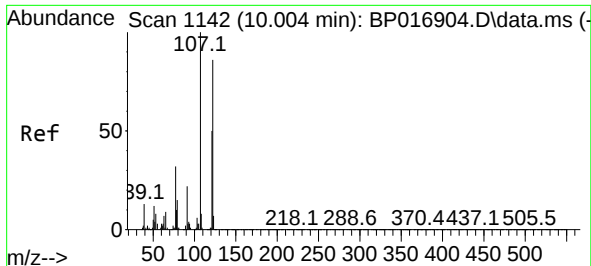
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
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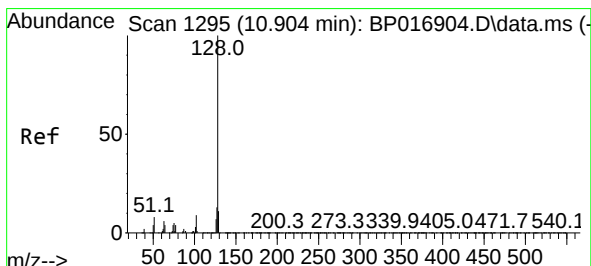
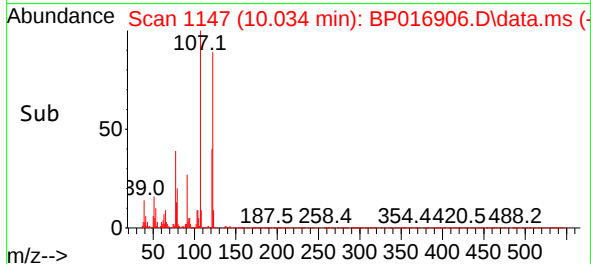
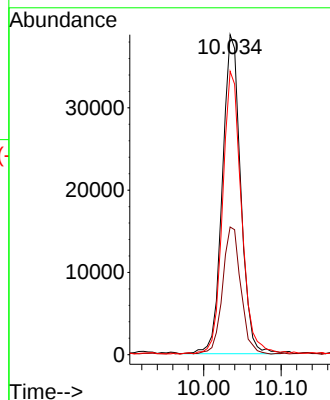
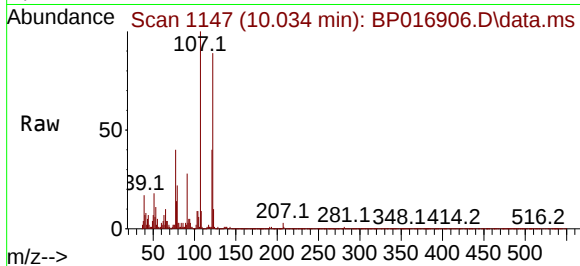




#26
2,4-Dimethylphenol
Concen: 2.305 ng/ul
RT: 10.034 min Scan# 1142
Delta R.T. 0.030 min
Lab File: BP016906.D
Acq: 01 Sep 2023 14:14

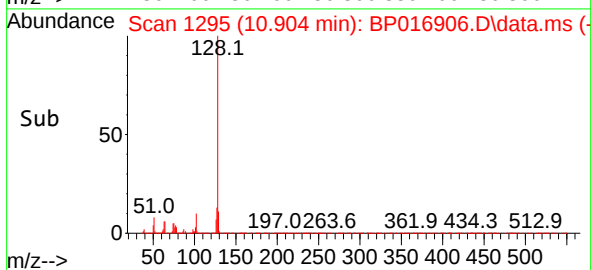
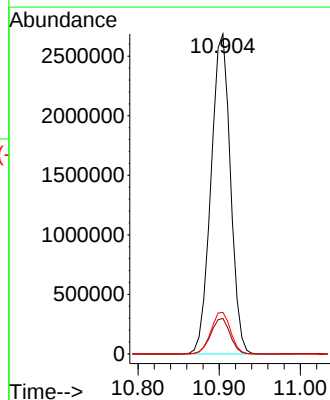
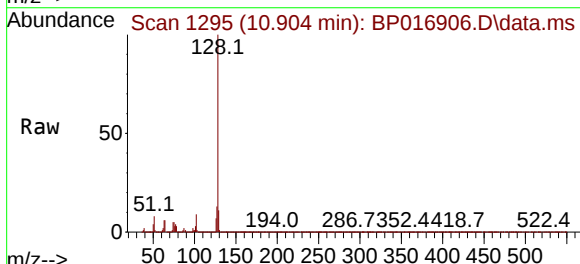
Instrument :
BNA_P
ClientSampleId :
DCHJ7

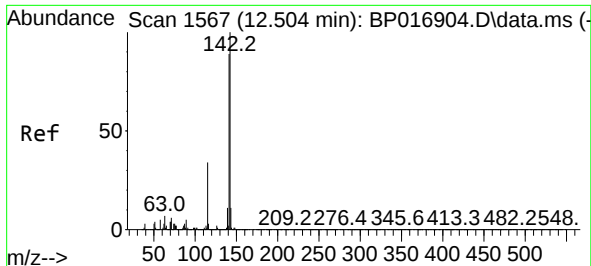
Tgt Ion:107 Resp: 63995
Ion Ratio Lower Upper
107 100
121 39.9 40.7 61.1#
122 88.5 69.7 104.5



#30
Naphthalene
Concen: 54.952 ng/ul
RT: 10.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP016906.D
Acq: 01 Sep 2023 14:14

Tgt Ion:128 Resp: 4462356
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.3 15.5

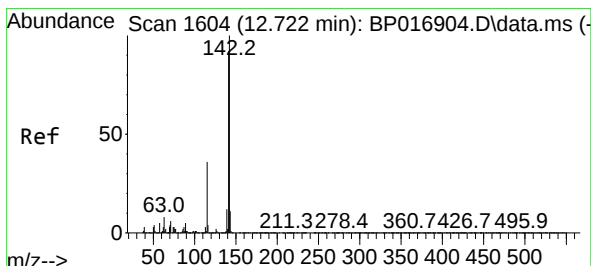
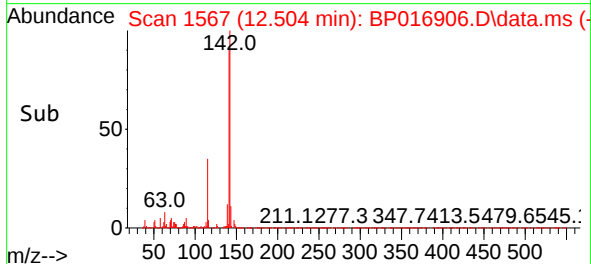
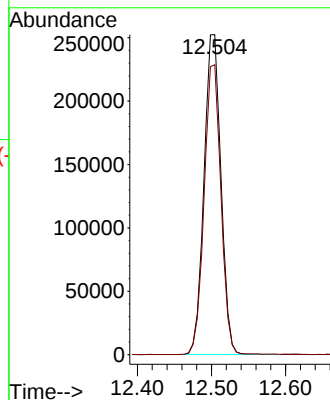
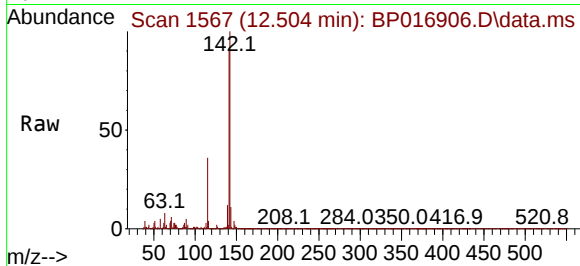




#36
2-Methylnaphthalene
Concen: 7.149 ng/ul
RT: 12.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BP016906.D
Acq: 01 Sep 2023 14:14

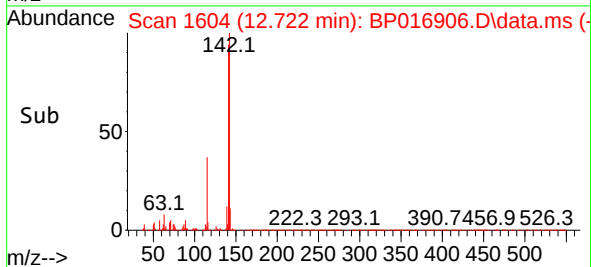
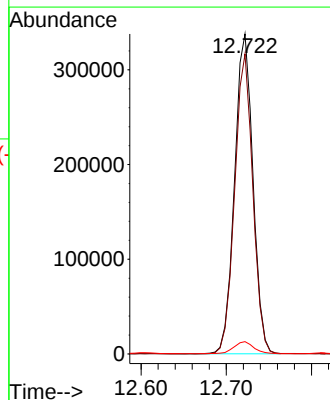
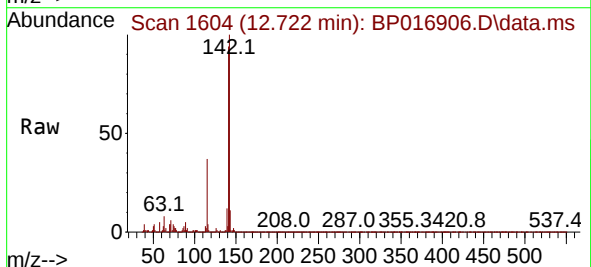
Instrument :
BNA_P
ClientSampleId :
DCHJ7

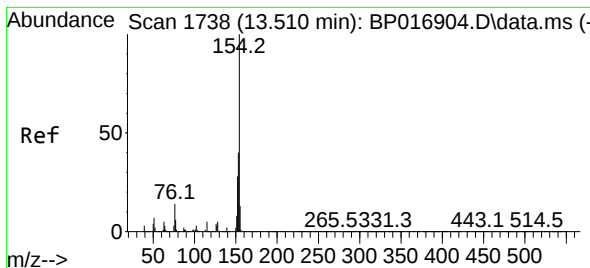
Tgt Ion:142 Resp: 400704
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.0



#37
1-Methylnaphthalene
Concen: 8.950 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP016906.D
Acq: 01 Sep 2023 14:14

Tgt Ion:142 Resp: 505908
Ion Ratio Lower Upper
142 100
141 93.7 73.0 109.4
116 3.9 3.1 4.7





#43

1,1'-Biphenyl

Concen: 2.596 ng/ul

RT: 13.510 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP016906.D

Acq: 01 Sep 2023 14:14

Instrument :

BNA_P

ClientSampleId :

DCHJ7

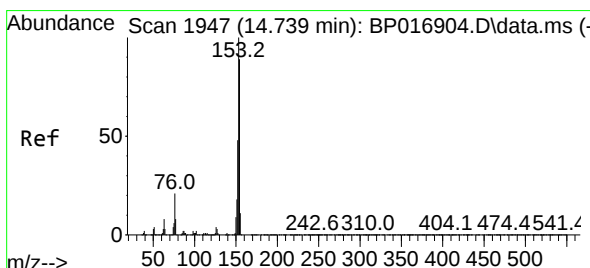
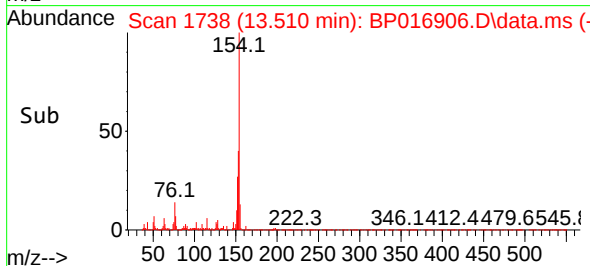
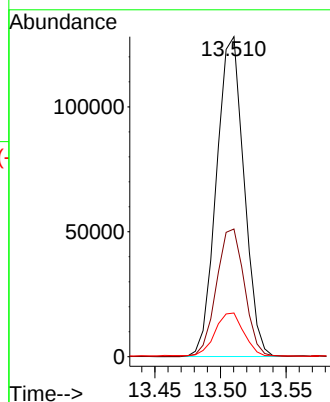
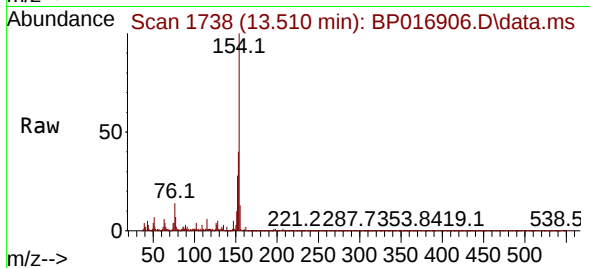
Tgt Ion:154 Resp: 186800

Ion Ratio Lower Upper

154 100

153 39.9 32.7 49.1

76 13.7 11.3 16.9



#52

Acenaphthene

Concen: 27.750 ng/ul

RT: 14.740 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP016906.D

Acq: 01 Sep 2023 14:14

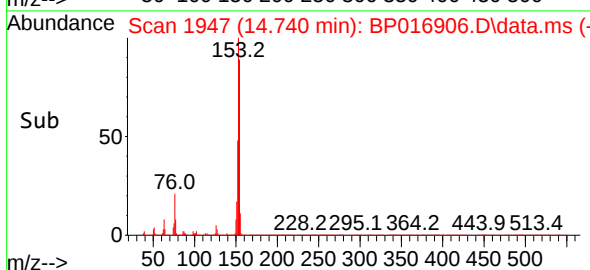
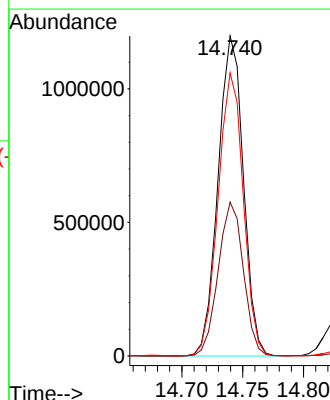
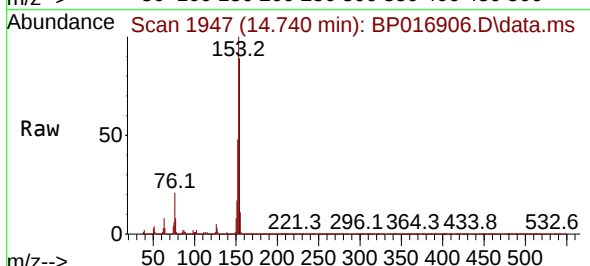
Tgt Ion:153 Resp: 1733729

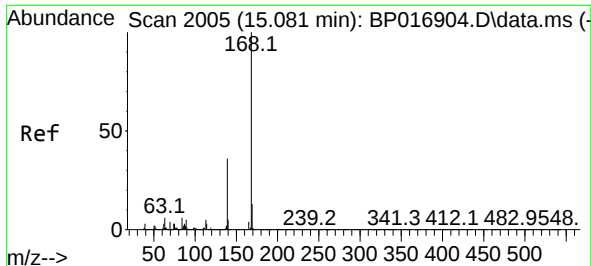
Ion Ratio Lower Upper

153 100

152 48.0 38.5 57.7

154 88.5 70.6 105.8

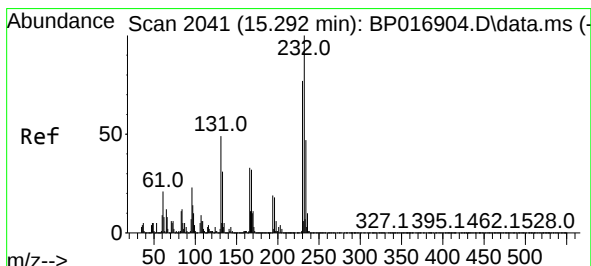
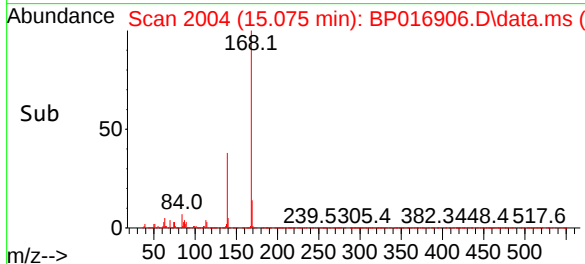
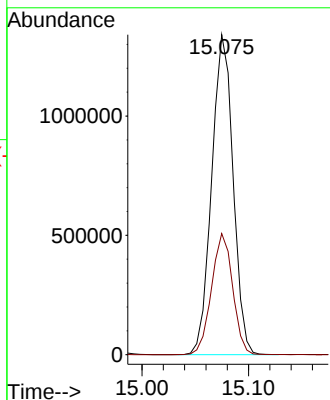
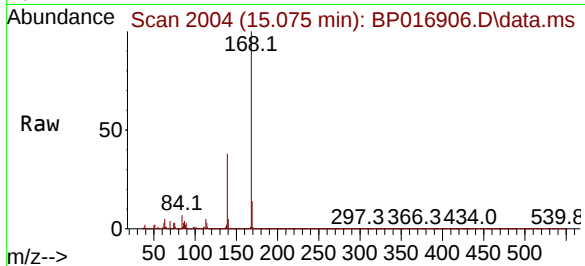




#56
Dibenzofuran
Concen: 21.758 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016906.D
Acq: 01 Sep 2023 14:14

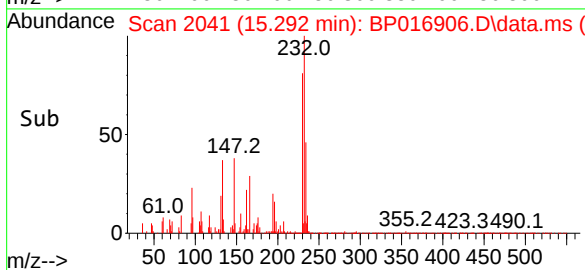
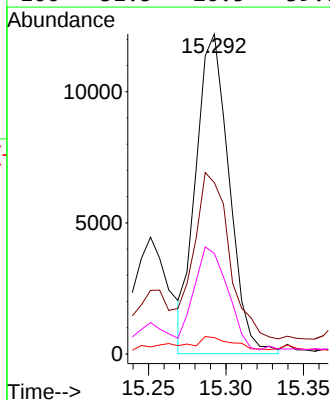
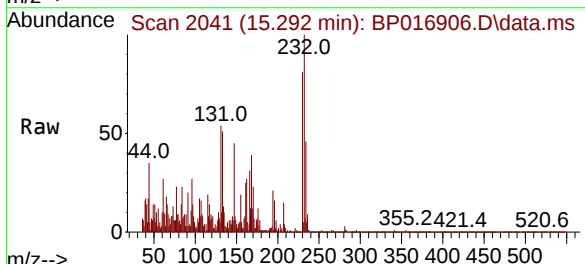
Instrument :
BNA_P
ClientSampleId :
DCHJ7

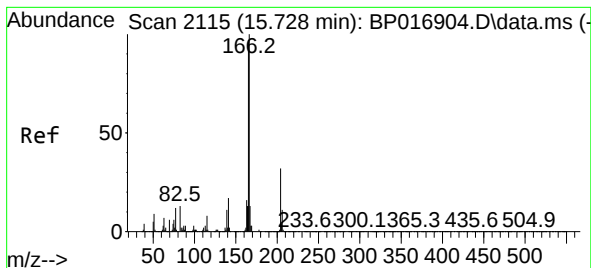
Tgt Ion:168 Resp: 1865233
Ion Ratio Lower Upper
168 100
139 37.9 29.2 43.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.071 ng/ul
RT: 15.292 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016906.D
Acq: 01 Sep 2023 14:14

Tgt Ion:232 Resp: 18168
Ion Ratio Lower Upper
232 100
131 53.5 38.1 57.1
130 5.1 1.9 2.9#
166 31.5 26.5 39.7





#61

Fluorene

Concen: 10.409 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BP016906.D

Acq: 01 Sep 2023 14:14

Instrument :

BNA_P

ClientSampleId :

DCHJ7

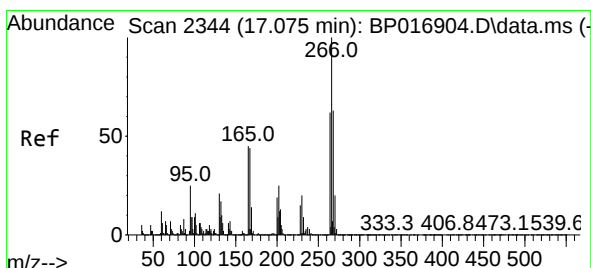
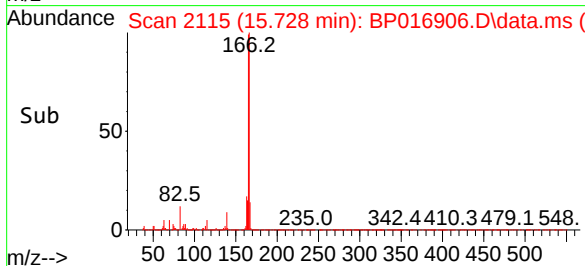
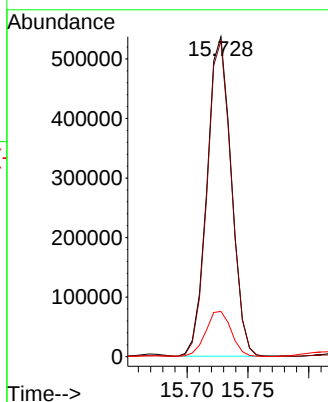
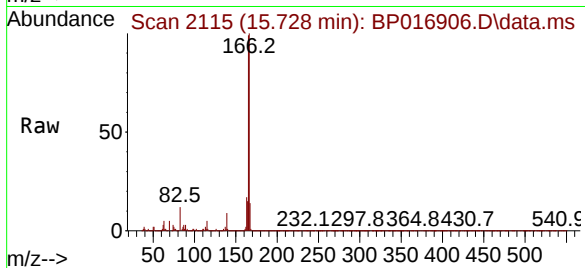
Tgt Ion:166 Resp: 746388

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

167 14.1 10.9 16.3



#71

Pentachlorophenol

Concen: 2.289 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP016906.D

Acq: 01 Sep 2023 14:14

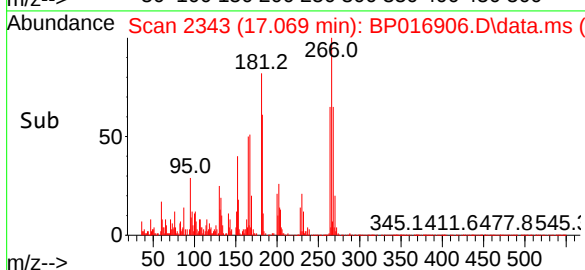
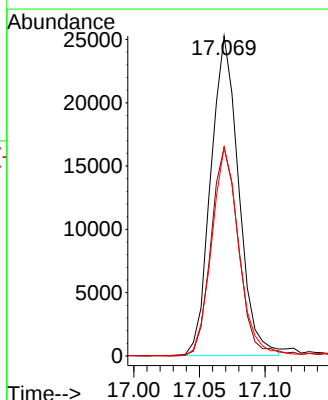
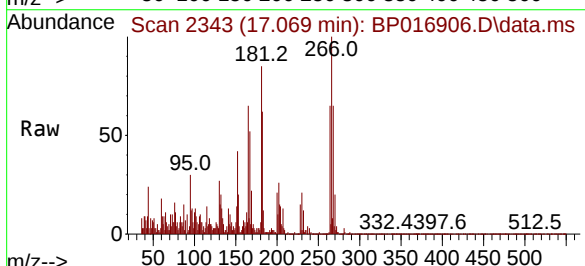
Tgt Ion:266 Resp: 37221

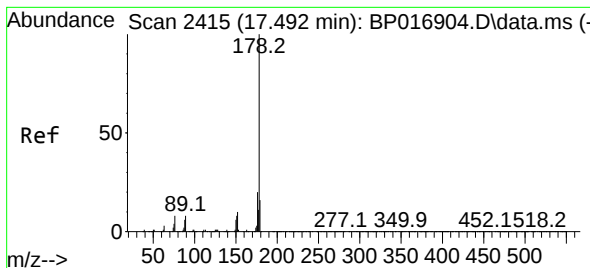
Ion Ratio Lower Upper

266 100

264 65.2 50.7 76.1

268 65.3 50.8 76.2





#72

Phenanthrene

Concen: 13.385 ng/ul

RT: 17.486 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BP016906.D

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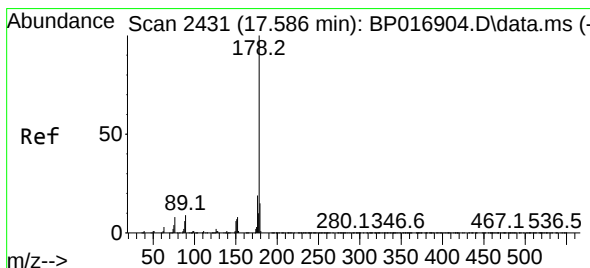
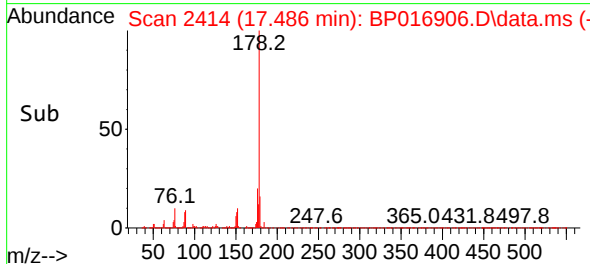
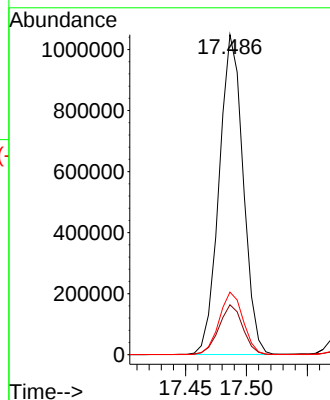
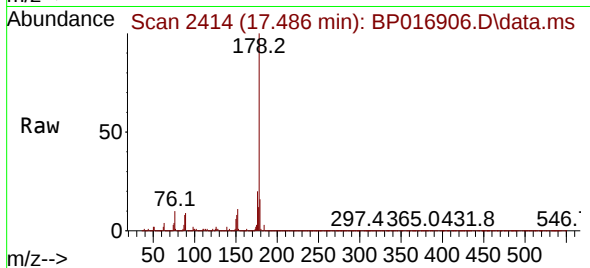
Tgt Ion:178 Resp: 1438164

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 1.323 ng/ul

RT: 17.581 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP016906.D

Acq: 01 Sep 2023 14:14

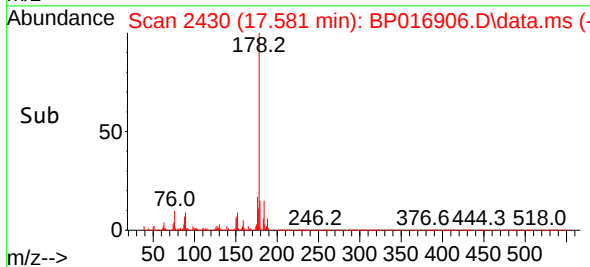
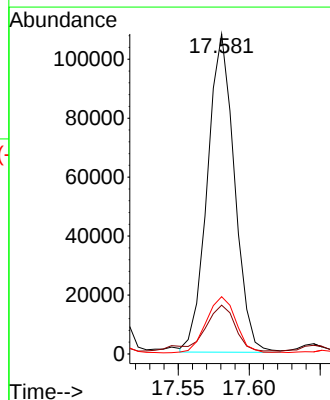
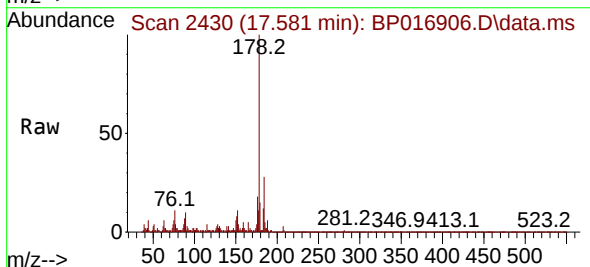
Tgt Ion:178 Resp: 143749

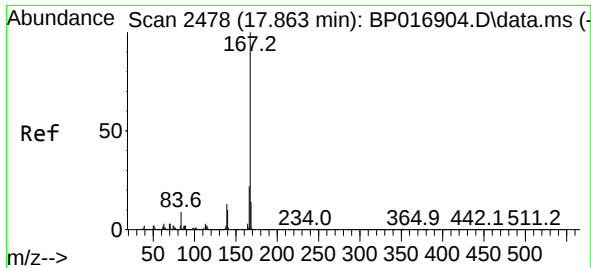
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 17.9 15.3 22.9





#77

Carbazole

Concen: 30.702 ng/ul

RT: 17.863 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP016906.D

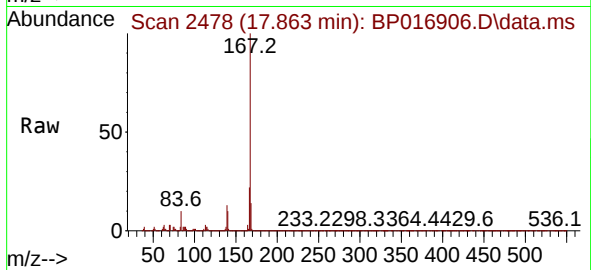
Acq: 01 Sep 2023 14:14

Instrument :

BNA_P

ClientSampleId :

DCHJ7



Tgt Ion:167 Resp: 3004112

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.1 10.4 15.6

