

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022206.D
 Acq On : 03 Oct 2024 22:37
 Operator : RC/JU
 Sample : P4019-02ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC38ME

Quant Time: Oct 04 04:26:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

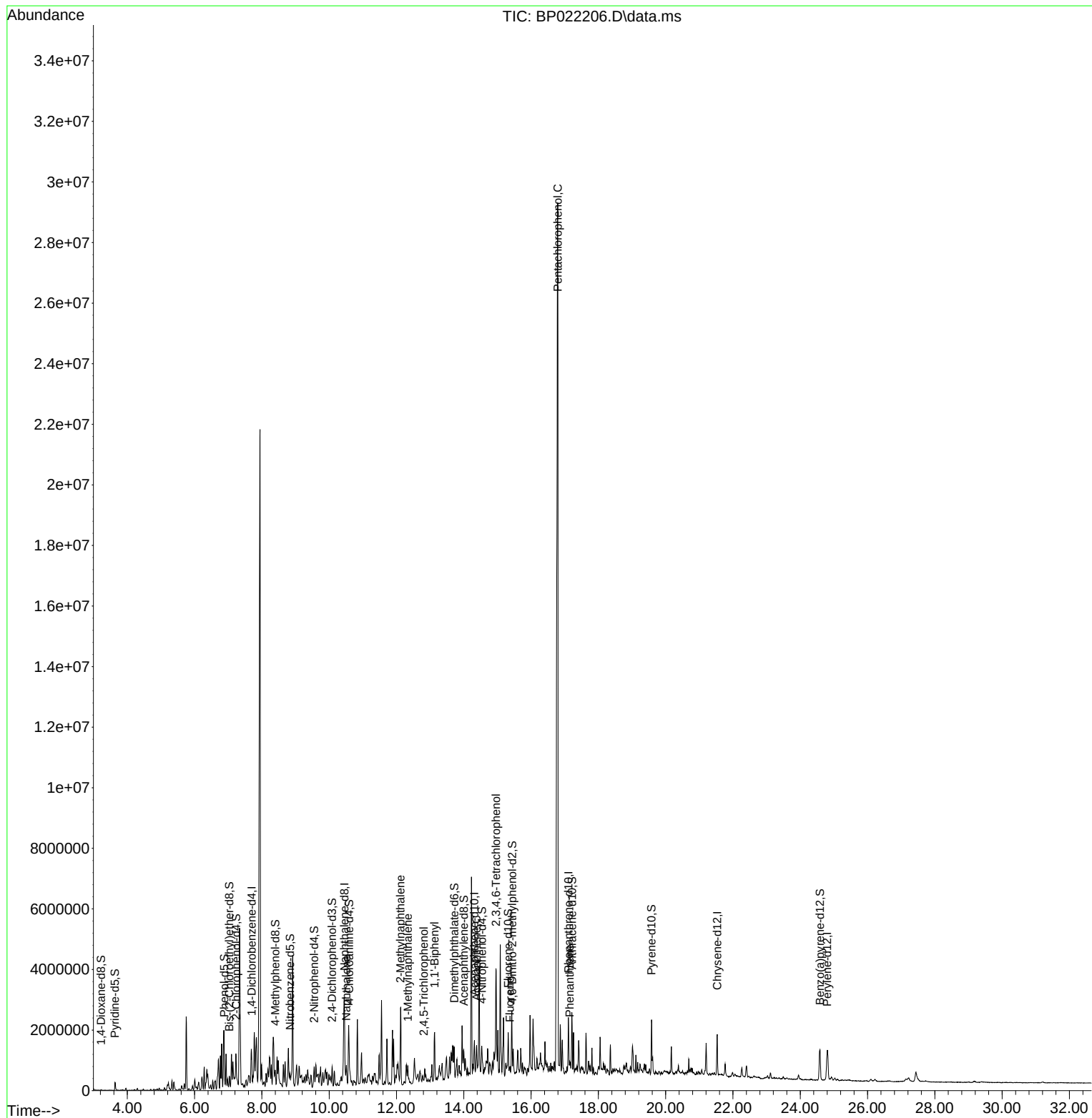
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	142409	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	520470	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	389561	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	848782	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	868451	20.000	ng/u1	0.00
88) Perylene-d12	24.804	264	1058028	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	10933	3.007	ng/uL	0.00
4) Pyridine-d5	3.634	84	163288	15.712	ng/u1	0.00
7) Phenol-d5	6.887	99	223946	19.224	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	129241	18.017	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	169313	20.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	172392	18.676	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	81027	20.800	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	97399	22.051	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	199653	20.814	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	243841	21.306	ng/u1	-0.01
46) Dimethylphthalate-d6	13.716	166	601771	19.983	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	681771	21.384	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	86827	16.857	ng/u1	0.01
60) Fluorene-d10	15.322	176	520826	19.553	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	65229	12.378	ng/u1	0.00
73) Anthracene-d10	17.216	188	833798	21.043	ng/u1	0.00
81) Pyrene-d10	19.580	212	995337	22.122	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.586	264	1124970	20.216	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	248649	9.079	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	384219	18.879	ng/u1	99
37) 1-Methylnaphthalene	12.340	142	228004	11.108	ng/u1	98
42) 2,4,5-Trichlorophenol	12.816	196	10449	1.118	ng/u1	97
43) 1,1'-Biphenyl	13.134	154	49673	1.783	ng/u1#	83
52) Acenaphthene	14.381	153	26616	1.102	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	14.963	232	751917	83.545	ng/u1	99
61) Fluorene	15.375	166	38244	1.280	ng/u1#	82
71) Pentachlorophenol	16.792	266	10551200	1277.763	ng/u1	99
72) Phenanthrene	17.151	178	161705	3.634	ng/u1#	94

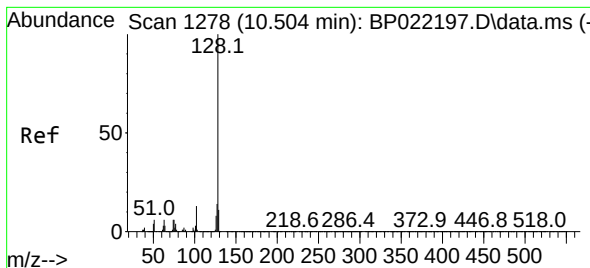
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#30

Naphthalene

Concen: 9.079 ng/ul

RT: 10.510 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP022206.D

Acq: 03 Oct 2024 22:37

Instrument :

BNA_P

ClientSampleId :

DDC38ME

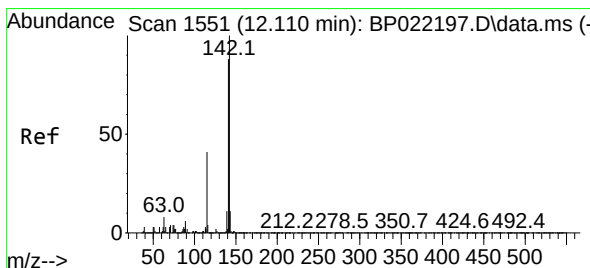
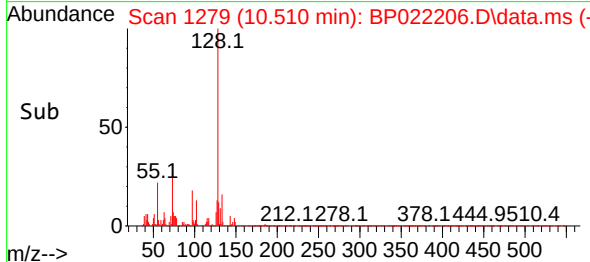
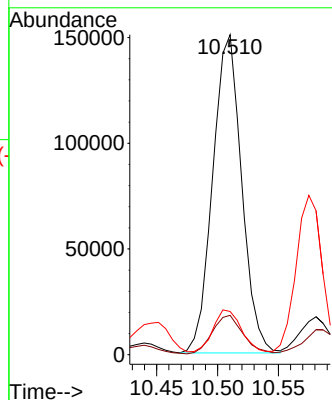
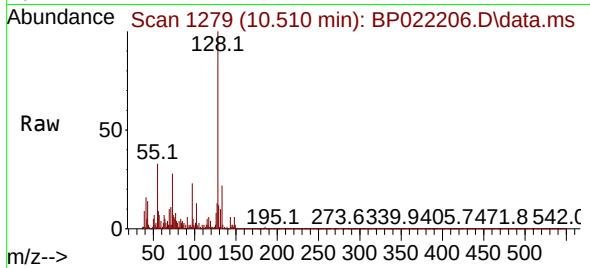
Tgt Ion:128 Resp: 248649

Ion Ratio Lower Upper

128 100

129 12.3 8.9 13.3

127 13.5 10.9 16.3



#36

2-Methylnaphthalene

Concen: 18.879 ng/ul

RT: 12.116 min Scan# 1552

Delta R.T. -0.012 min

Lab File: BP022206.D

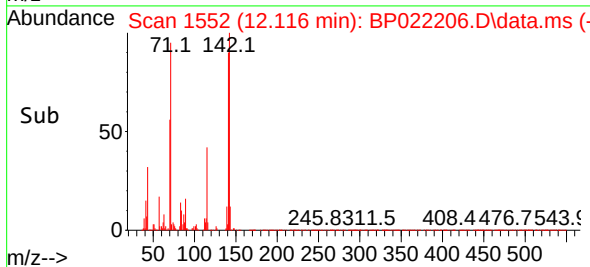
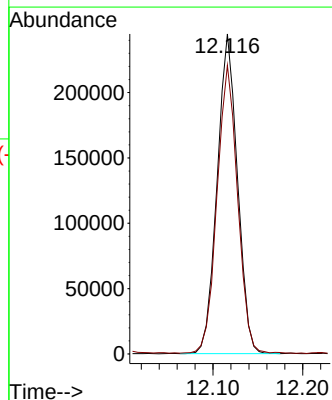
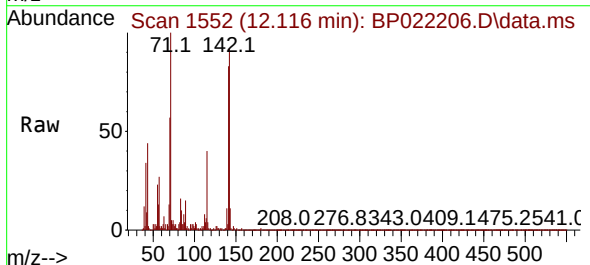
Acq: 03 Oct 2024 22:37

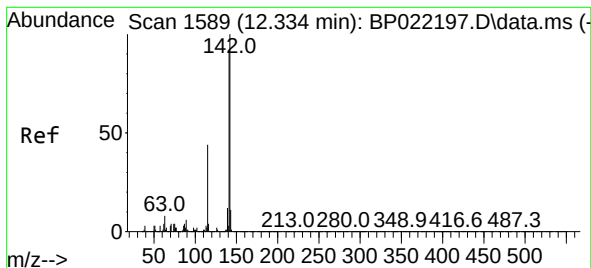
Tgt Ion:142 Resp: 384219

Ion Ratio Lower Upper

142 100

141 90.2 72.6 109.0





#37

1-Methylnaphthalene

Concen: 11.108 ng/ul

RT: 12.340 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP022206.D

Acq: 03 Oct 2024 22:37

Instrument :

BNA_P

ClientSampleId :

DDC38ME

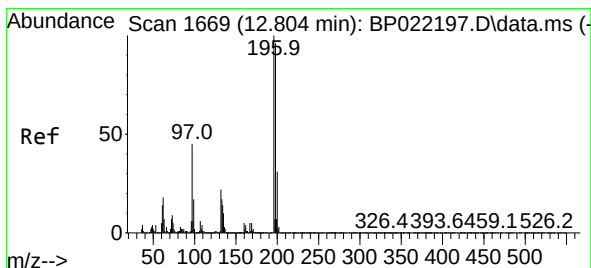
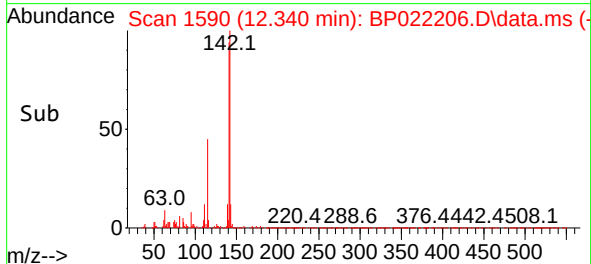
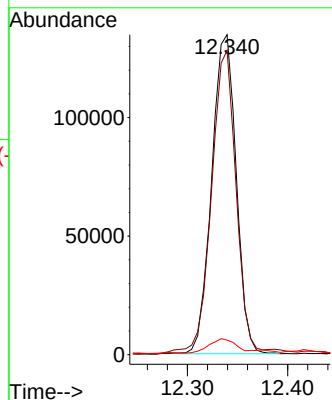
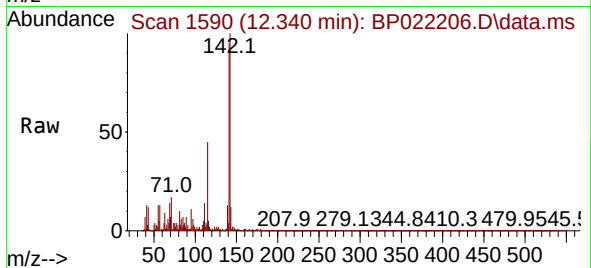
Tgt Ion:142 Resp: 228004

Ion Ratio Lower Upper

142 100

141 95.1 74.6 111.8

116 4.5 3.9 5.9



#42

2,4,5-Trichlorophenol

Concen: 1.118 ng/ul

RT: 12.816 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BP022206.D

Acq: 03 Oct 2024 22:37

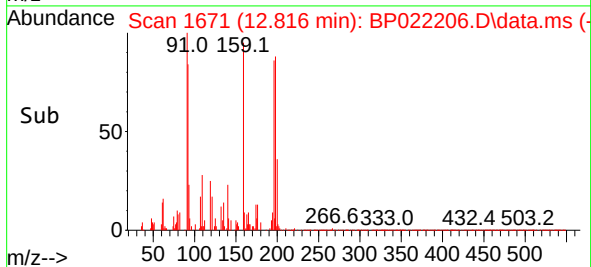
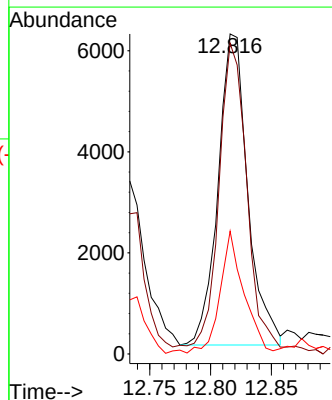
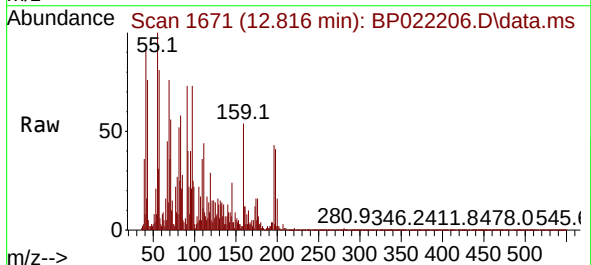
Tgt Ion:196 Resp: 10449

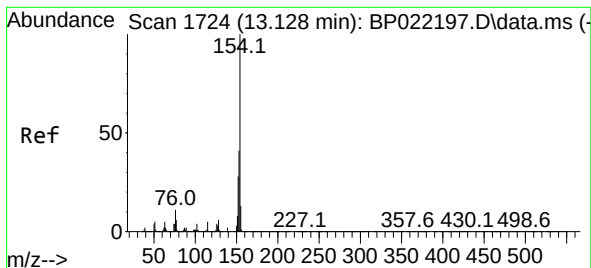
Ion Ratio Lower Upper

196 100

198 97.1 78.2 117.2

200 38.3 26.1 39.1





#43

1,1'-Biphenyl

Concen: 1.783 ng/ul

RT: 13.134 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP022206.D

Acq: 03 Oct 2024 22:37

Instrument :

BNA_P

ClientSampleId :

DDC38ME

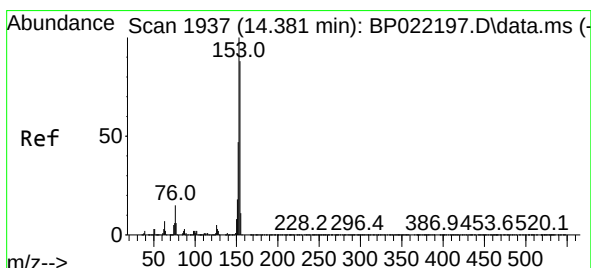
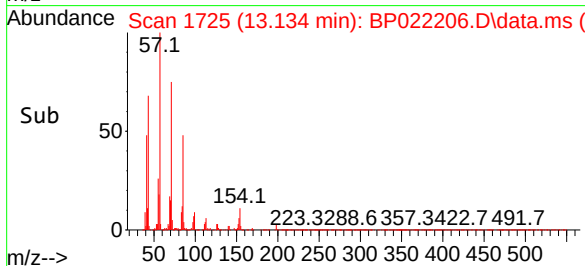
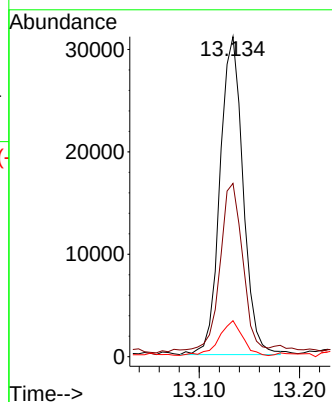
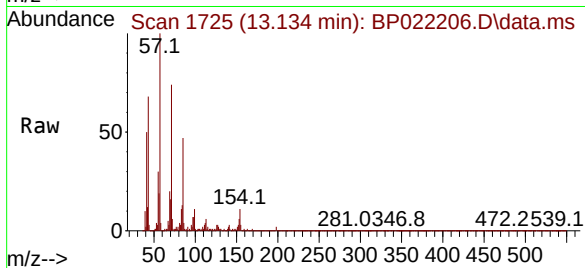
Tgt Ion:154 Resp: 49673

Ion Ratio Lower Upper

154 100

153 54.2 32.6 49.0#

76 11.2 10.1 15.1



#52

Acenaphthene

Concen: 1.102 ng/ul

RT: 14.381 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BP022206.D

Acq: 03 Oct 2024 22:37

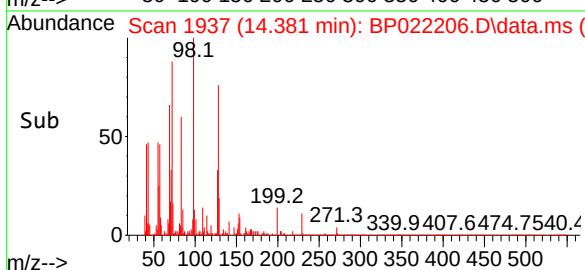
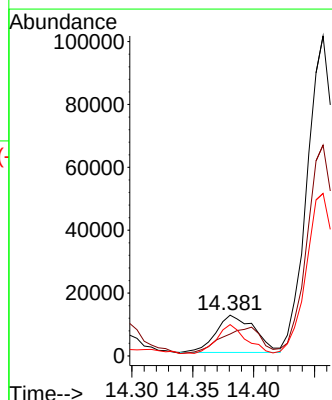
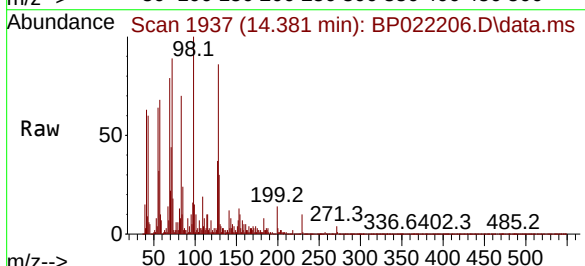
Tgt Ion:153 Resp: 26616

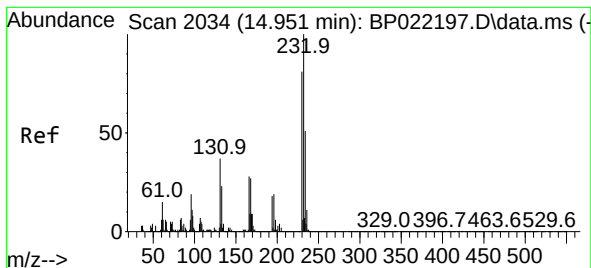
Ion Ratio Lower Upper

153 100

152 53.8 37.1 55.7

154 76.8 67.4 101.0



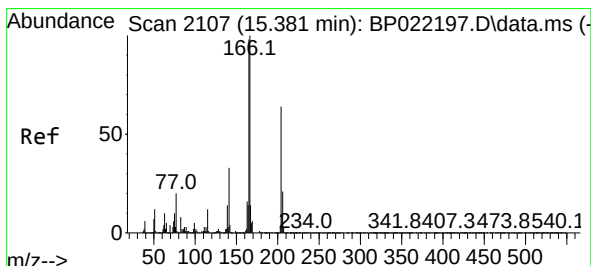
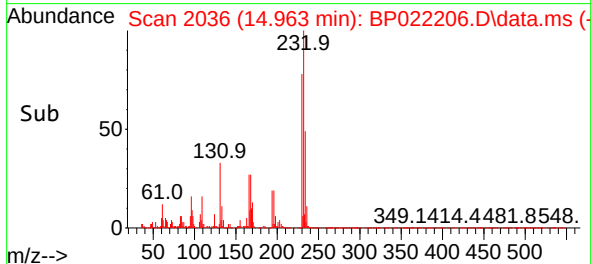
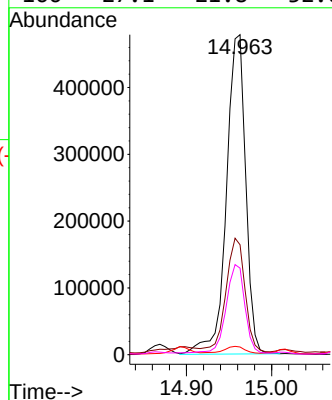
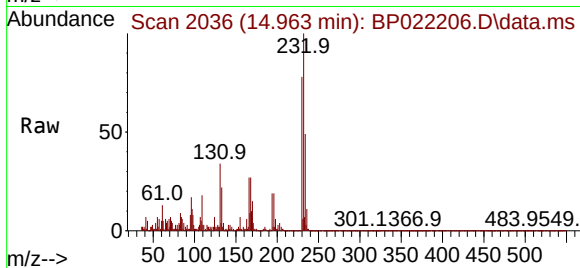


#58
2,3,4,6-Tetrachlorophenol
Concen: 83.545 ng/ul
RT: 14.963 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BP022206.D
Acq: 03 Oct 2024 22:37

Instrument :
BNA_P
ClientSampleId :
DDC38ME

Tgt Ion:232 Resp: 751917

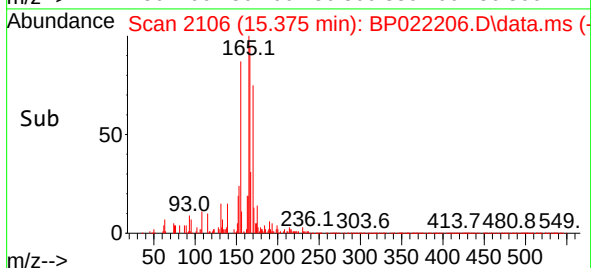
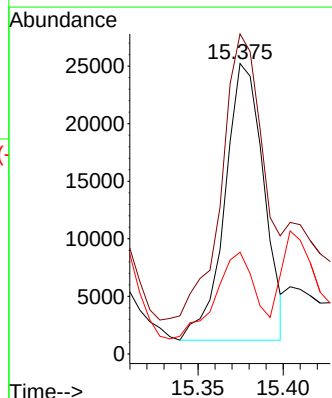
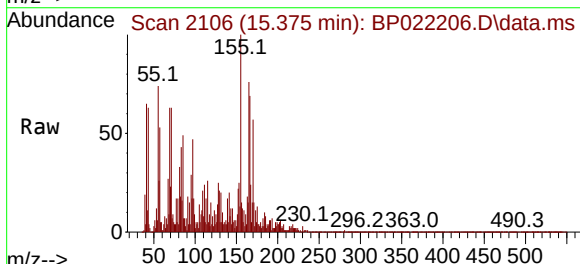
Ion	Ratio	Lower	Upper
232	100		
131	34.4	28.2	42.2
130	2.4	1.8	2.6
166	27.1	21.8	32.6

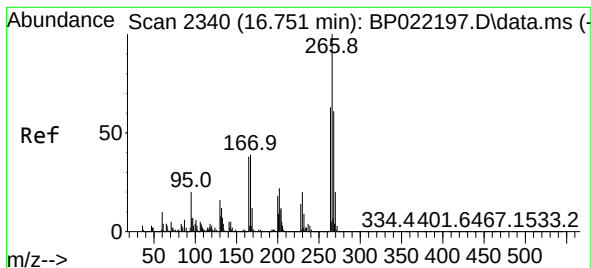


#61
Fluorene
Concen: 1.280 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP022206.D
Acq: 03 Oct 2024 22:37

Tgt Ion:166 Resp: 38244

Ion	Ratio	Lower	Upper
166	100		
165	110.2	77.9	116.9
167	35.1	10.5	15.7





#71

Pentachlorophenol

Concen: 1277.763 ng/ul

RT: 16.792 min Scan# 21

Delta R.T. 0.035 min

Lab File: BP022206.D

Acq: 03 Oct 2024 22:37

Instrument :

BNA_P

ClientSampleId :

DDC38ME

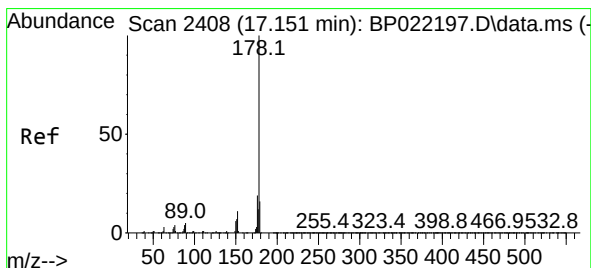
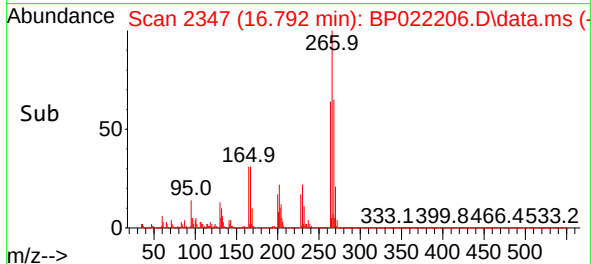
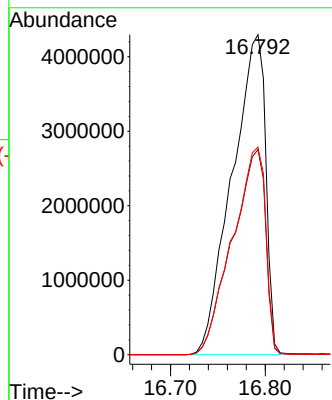
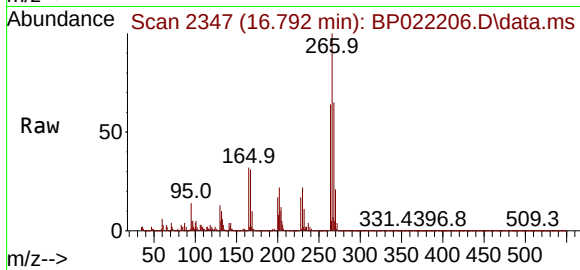
Tgt Ion:266 Resp:10551200

Ion Ratio Lower Upper

266 100

264 64.1 50.2 75.4

268 64.8 51.4 77.0



#72

Phenanthrene

Concen: 3.634 ng/ul

RT: 17.151 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP022206.D

Acq: 03 Oct 2024 22:37

Tgt Ion:178 Resp: 161705

Ion Ratio Lower Upper

178 100

179 19.4 12.4 18.6#

176 20.0 15.0 22.6

