

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022188.D
 Acq On : 03 Oct 2024 09:44
 Operator : RC/JU
 Sample : P4017-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC41

Quant Time: Oct 04 05:56:59 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

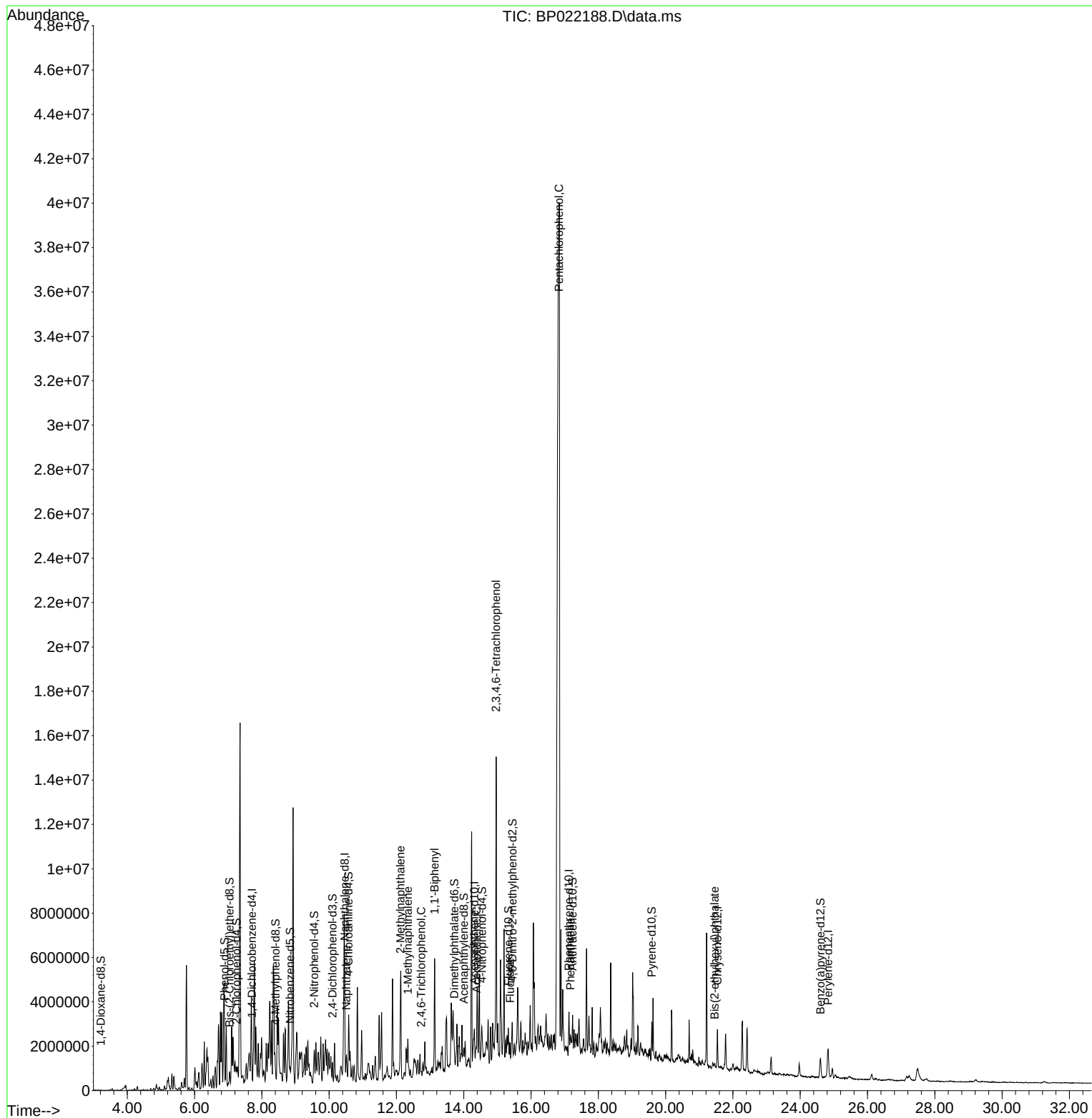
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	149057	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	562262	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	433553	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	894625	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	911716	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1138418	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	7719	2.028	ng/uL	0.00
4) Pyridine-d5	3.652	84	5572	0.512	ng/u1	0.02
7) Phenol-d5	6.893	99	199641	16.373	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	132970	17.710	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	147805	16.754	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	141663	14.662	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	78258	18.596	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	85985	18.020	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.099	165	172346	16.632	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	172784	13.975	ng/u1	-0.03
46) Dimethylphthalate-d6	13.716	166	520065	15.518	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	607991	17.135	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	81880	14.283	ng/u1	0.01
60) Fluorene-d10	15.328	176	480762	16.217	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	54524	9.817	ng/u1	0.00
73) Anthracene-d10	17.234	188	718061	17.193	ng/u1	0.02
81) Pyrene-d10	19.586	212	851371	18.024	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	968253	16.171	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	633082	21.399	ng/u1	96
36) 2-Methylnaphthalene	12.116	142	1183640	53.836	ng/u1	99
37) 1-Methylnaphthalene	12.340	142	710839	32.058	ng/u1	99
41) 2,4,6-Trichlorophenol	12.734	196	25346	2.638	ng/u1	94
43) 1,1'-Biphenyl	13.134	154	128075	4.131	ng/u1#	95
52) Acenaphthene	14.381	153	77060	2.866	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.963	232	2789056	278.446	ng/u1	100
61) Fluorene	15.381	166	114122	3.433	ng/u1#	89
71) Pentachlorophenol	16.834	266	26700164	3067.733	ng/u1	99
72) Phenanthrene	17.169	178	506984	10.808	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.457	149	52065	1.752	ng/u1#	88

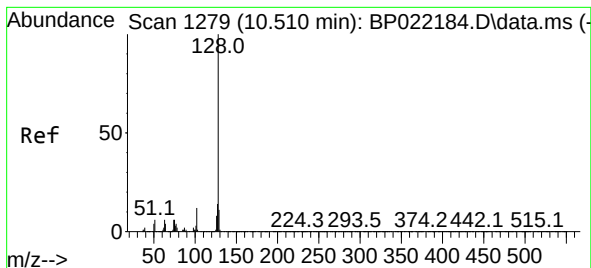
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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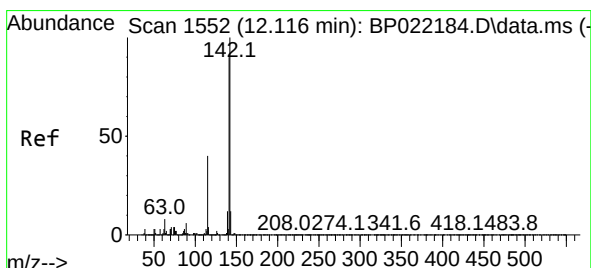
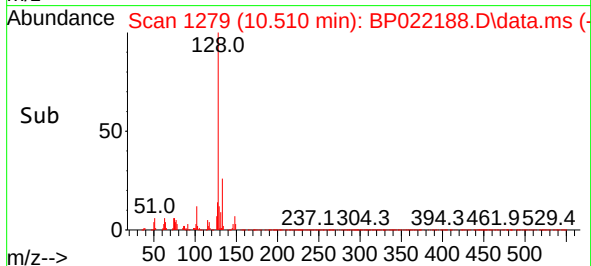
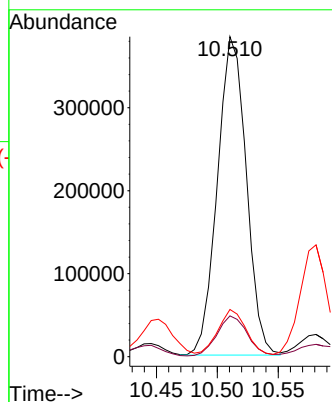
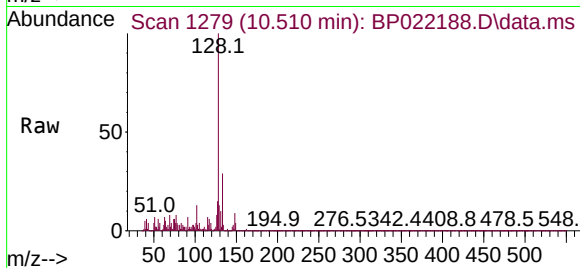




#30
Naphthalene
Concen: 21.399 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP022188.D
Acq: 03 Oct 2024 09:44

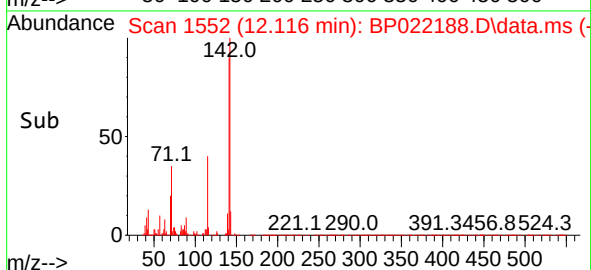
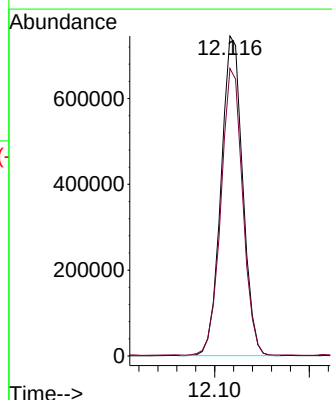
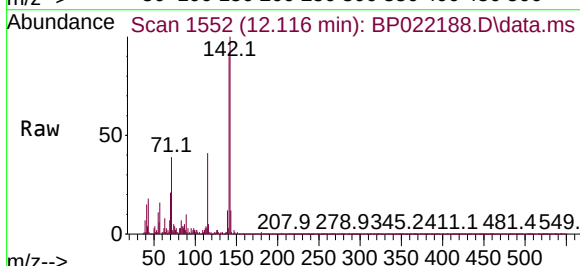
Instrument :
BNA_P
ClientSampleId :
DDC41

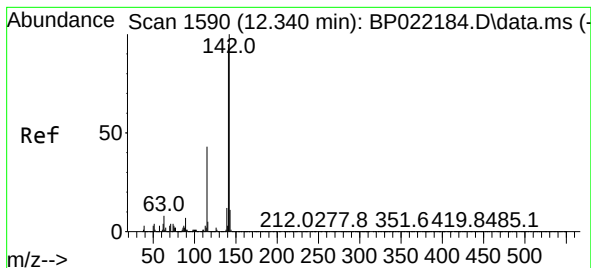
Tgt Ion:128 Resp: 633082
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 14.8 10.9 16.3



#36
2-Methylnaphthalene
Concen: 53.836 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022188.D
Acq: 03 Oct 2024 09:44

Tgt Ion:142 Resp: 1183640
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0





#37

1-Methylnaphthalene

Concen: 32.058 ng/ul

RT: 12.340 min Scan# 1590

Delta R.T. -0.006 min

Lab File: BP022188.D

Acq: 03 Oct 2024 09:44

Instrument :

BNA_P

ClientSampleId :

DDC41

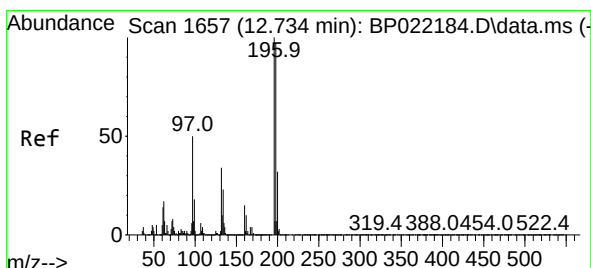
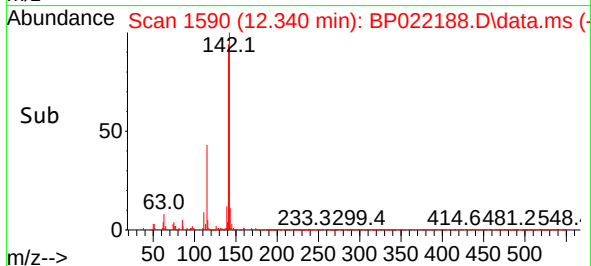
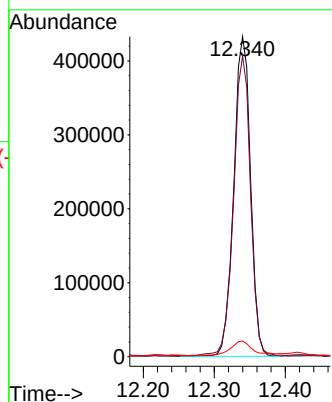
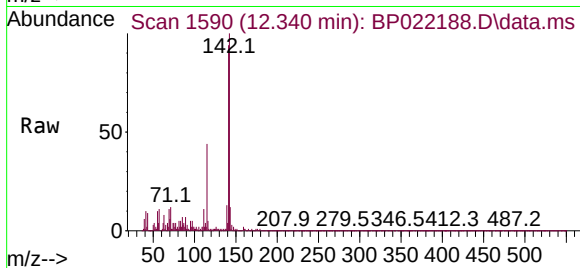
Tgt Ion:142 Resp: 710839

Ion Ratio Lower Upper

142 100

141 94.0 74.6 111.8

116 4.9 3.9 5.9



#41

2,4,6-Trichlorophenol

Concen: 2.638 ng/ul

RT: 12.734 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BP022188.D

Acq: 03 Oct 2024 09:44

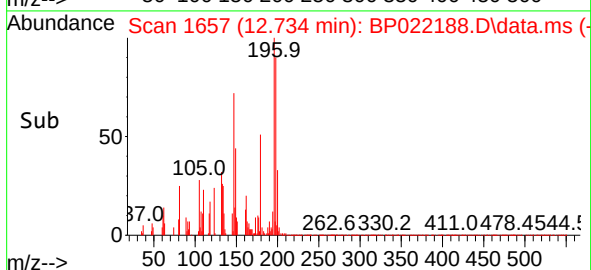
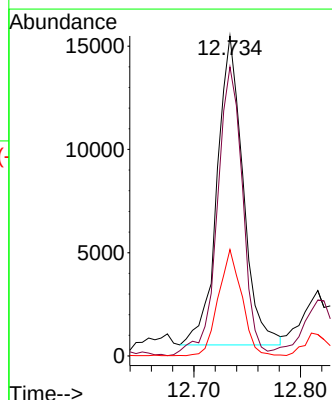
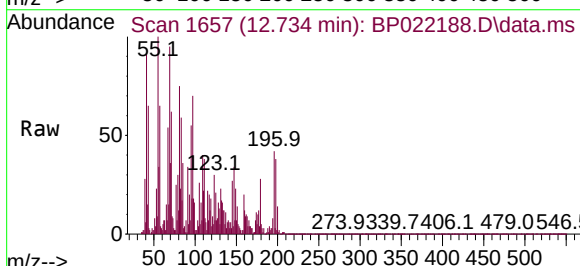
Tgt Ion:196 Resp: 25346

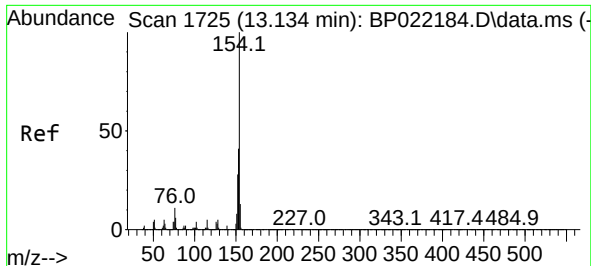
Ion Ratio Lower Upper

196 100

198 90.4 77.6 116.4

200 33.2 24.2 36.4

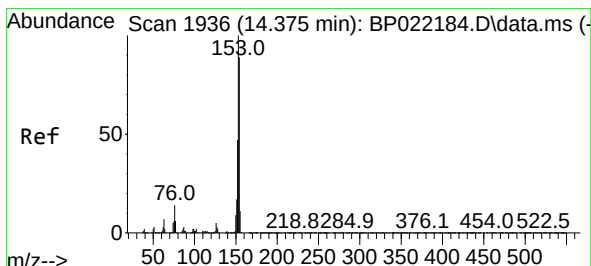
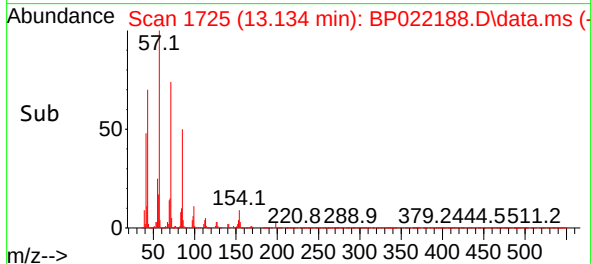
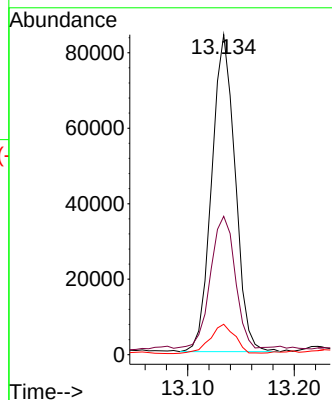
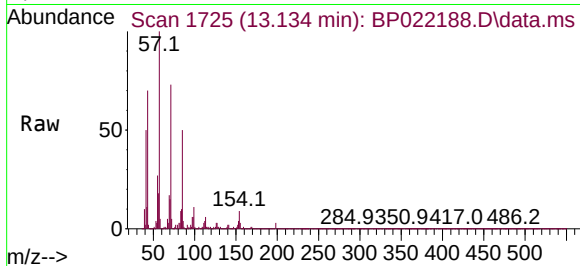




#43
1,1'-Biphenyl
Concen: 4.131 ng/ul
RT: 13.134 min Scan# 1725
Delta R.T. -0.017 min
Lab File: BP022188.D
Acq: 03 Oct 2024 09:44

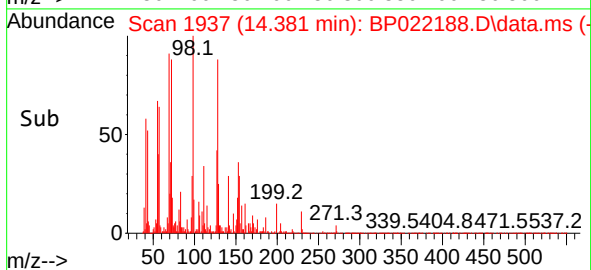
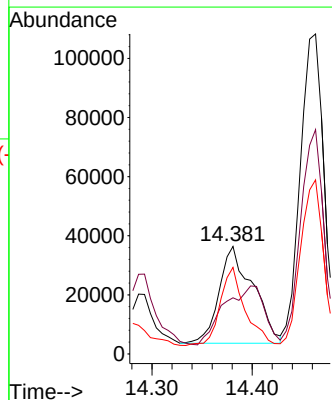
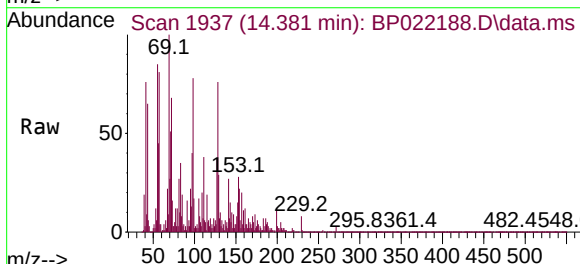
Instrument :
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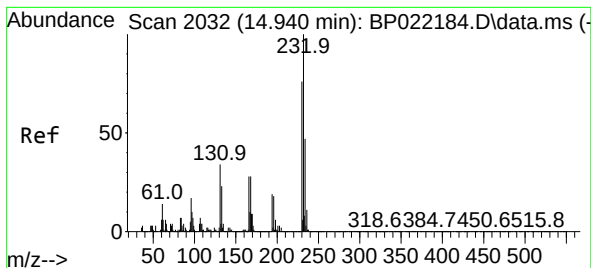
Tgt Ion:154 Resp: 128075
Ion Ratio Lower Upper
154 100
153 43.2 32.6 49.0
76 9.5 10.1 15.1#



#52
Acenaphthene
Concen: 2.866 ng/ul
RT: 14.381 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP022188.D
Acq: 03 Oct 2024 09:44

Tgt Ion:153 Resp: 77060
Ion Ratio Lower Upper
153 100
152 52.2 37.1 55.7
154 80.4 67.4 101.0

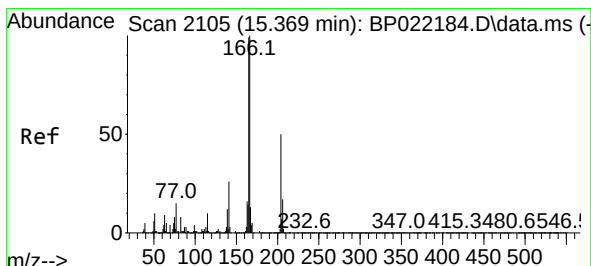
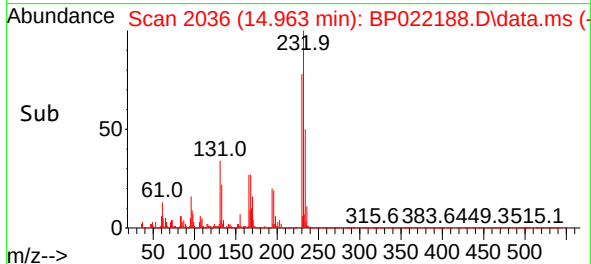
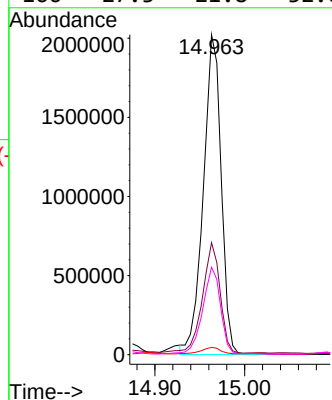
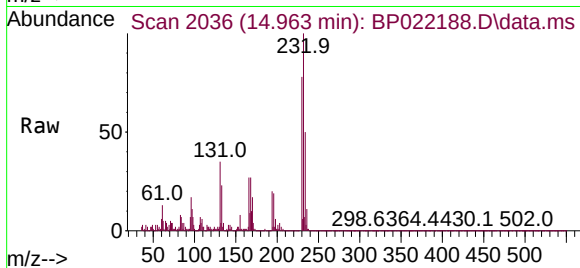




#58
2,3,4,6-Tetrachlorophenol
Concen: 278.446 ng/ul
RT: 14.963 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BP022188.D
Acq: 03 Oct 2024 09:44

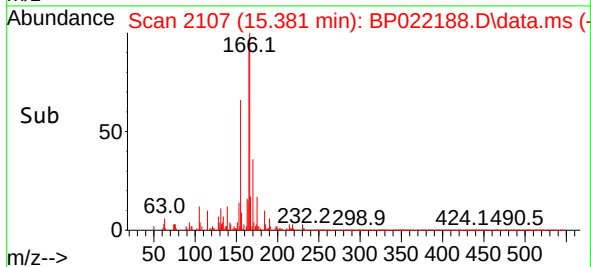
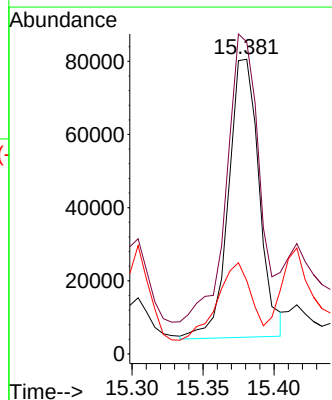
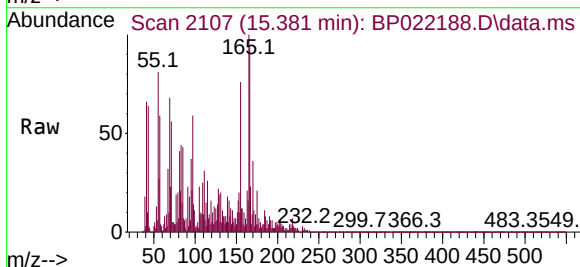
Instrument :
BNA_P
ClientSampleId :
DDC41

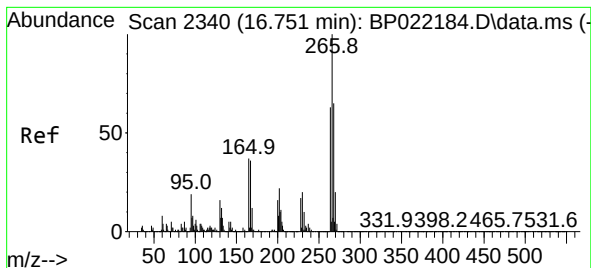
Tgt Ion:232 Resp: 2789056
Ion Ratio Lower Upper
232 100
131 35.0 28.2 42.2
130 2.3 1.8 2.6
166 27.3 21.8 32.6



#61
Fluorene
Concen: 3.433 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP022188.D
Acq: 03 Oct 2024 09:44

Tgt Ion:166 Resp: 114122
Ion Ratio Lower Upper
166 100
165 105.9 77.9 116.9
167 24.9 10.5 15.7#





#71

Pentachlorophenol

Concen: 3067.733 ng/ul

RT: 16.834 min Scan# 2111

Delta R.T. 0.077 min

Lab File: BP022188.D

Acq: 03 Oct 2024 09:44

Instrument :

BNA_P

ClientSampleId :

DDC41

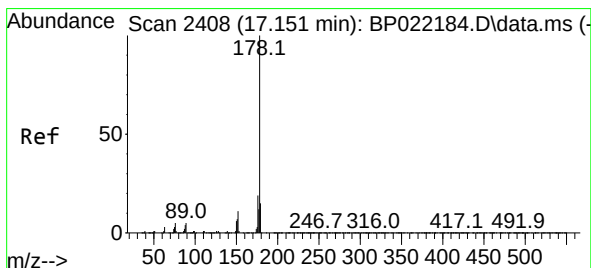
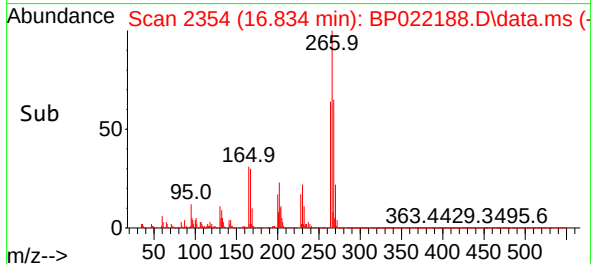
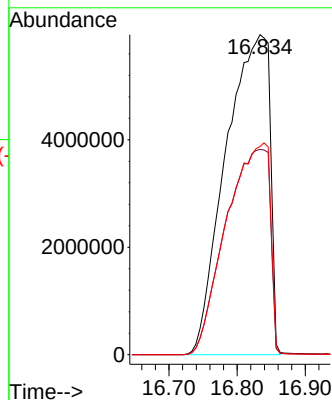
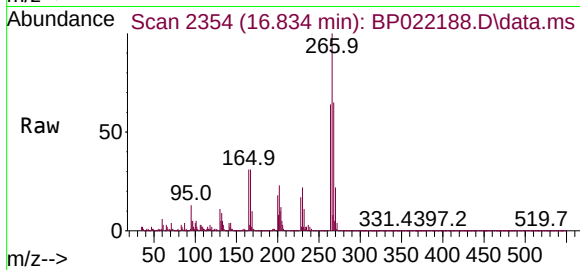
Tgt Ion:266 Resp:26700164

Ion Ratio Lower Upper

266 100

264 64.1 50.2 75.4

268 65.0 51.4 77.0



#72

Phenanthrene

Concen: 10.808 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. 0.012 min

Lab File: BP022188.D

Acq: 03 Oct 2024 09:44

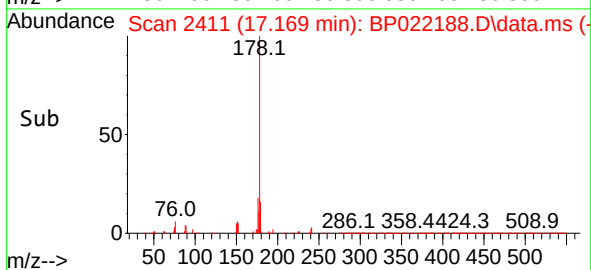
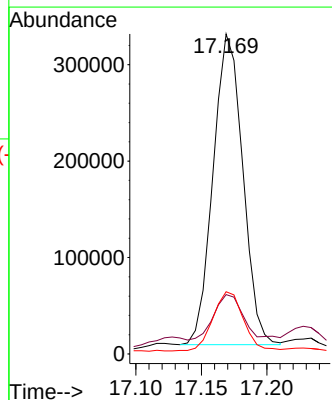
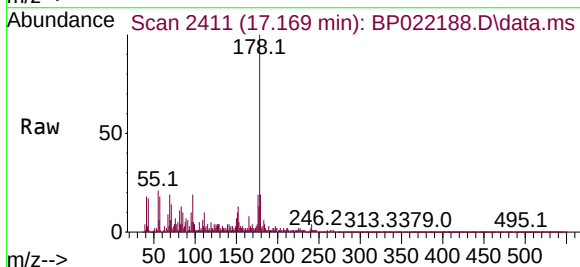
Tgt Ion:178 Resp: 506984

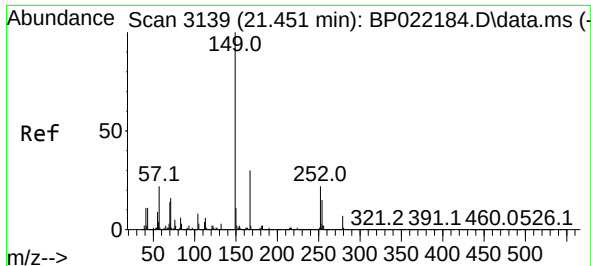
Ion Ratio Lower Upper

178 100

179 18.5 12.4 18.6

176 19.5 15.0 22.6





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.752 ng/ul
 RT: 21.457 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP022188.D
 Acq: 03 Oct 2024 09:44

Instrument :
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Tgt Ion:149 Resp: 52065
 Ion Ratio Lower Upper
 149 100
 167 35.0 23.0 34.4#
 279 10.6 4.5 6.7#

