

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022166.D
 Acq On : 02 Oct 2024 17:29
 Operator : RC/JU
 Sample : P4016-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCVT6

Quant Time: Oct 02 17:58:42 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

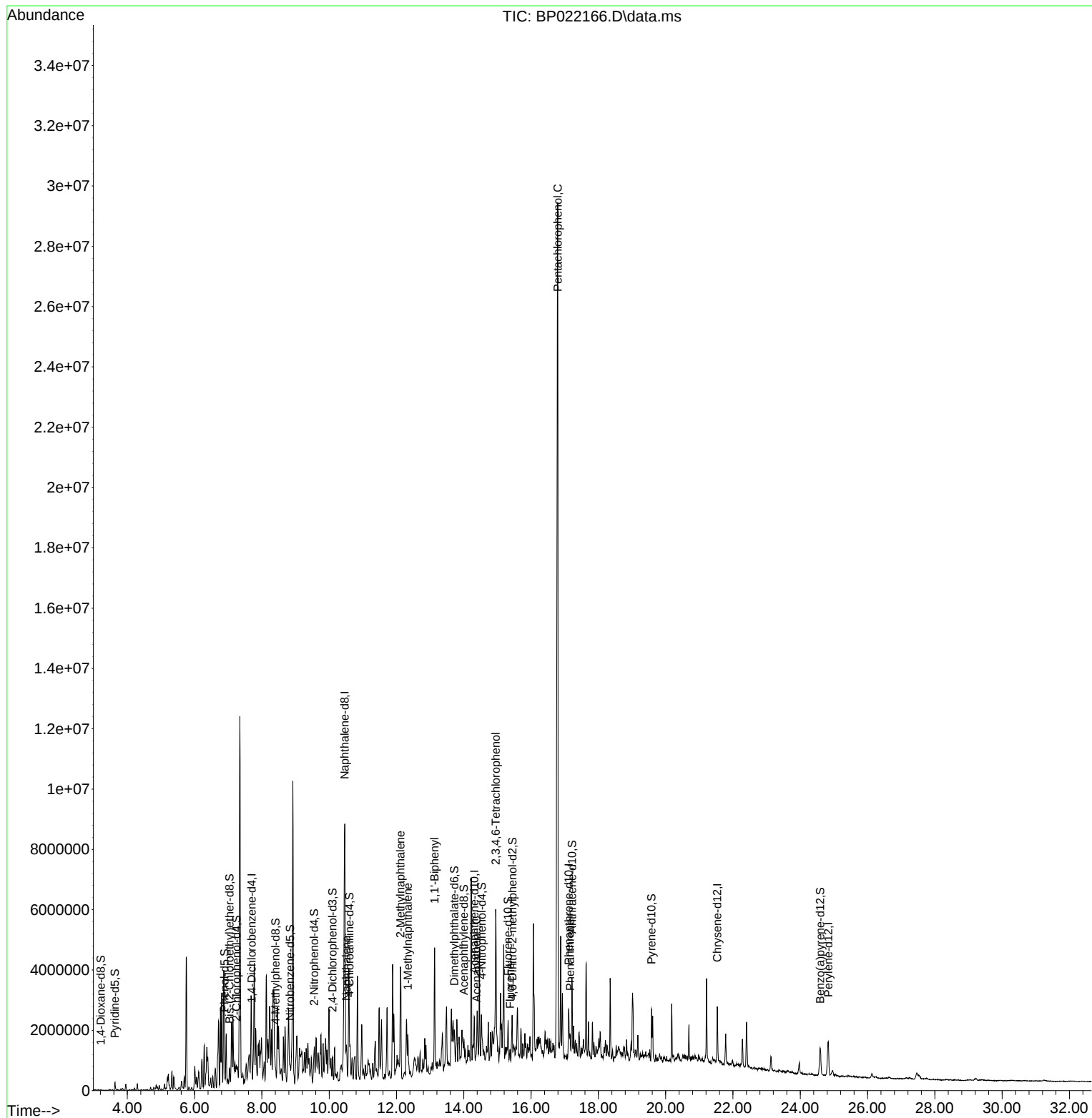
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	160233	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.463	136	611702	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	479734	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1047587	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1074967	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1277693	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	10643	2.602	ng/uL	0.00
4) Pyridine-d5	3.634	84	152488	13.041	ng/u1	0.00
7) Phenol-d5	6.893	99	223261	17.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	137028	16.978	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	163704	17.262	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	155824	15.003	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	80379	17.556	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	92395	17.799	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.098	165	186663	16.558	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	240393	17.872	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	622469	16.785	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	700857	17.850	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	30484	4.806	ng/u1	0.00
60) Fluorene-d10	15.316	176	562077	17.135	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	23062	3.546	ng/u1	0.00
73) Anthracene-d10	17.216	188	883313	18.062	ng/u1	0.00
81) Pyrene-d10	19.580	212	1050672	18.866	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.592	264	1169511	17.403	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	508445	15.797	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	873774	36.530	ng/u1	98
37) 1-Methylnaphthalene	12.339	142	517733	21.462	ng/u1	100
43) 1,1'-Biphenyl	13.134	154	96994	2.827	ng/u1#	90
52) Acenaphthene	14.381	153	30596	1.028	ng/u1#	90
58) 2,3,4,6-Tetrachlorophenol	14.951	232	1211247	109.285	ng/u1	98
61) Fluorene	15.380	166	65556	1.782	ng/u1#	89
71) Pentachlorophenol	16.792	266	9154809	898.264	ng/u1	98
72) Phenanthrene	17.163	178	393715	7.168	ng/u1	97

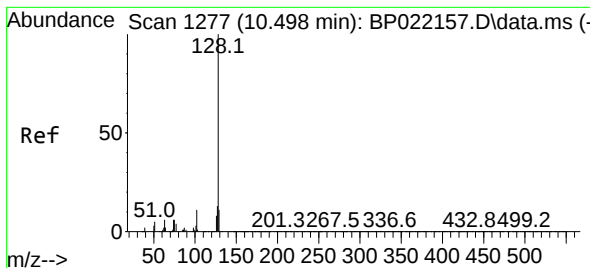
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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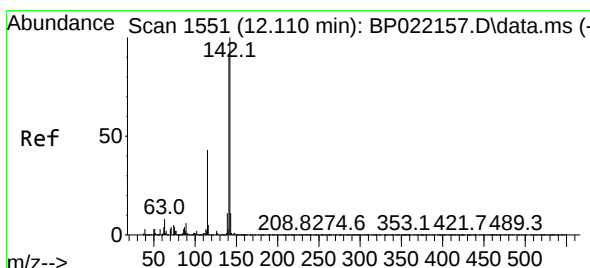
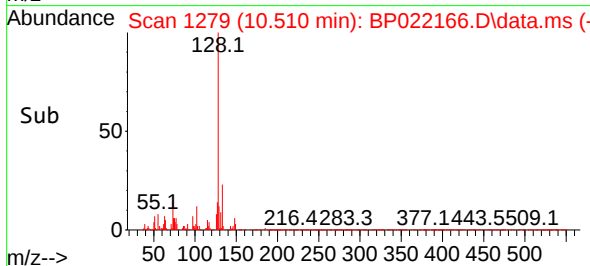
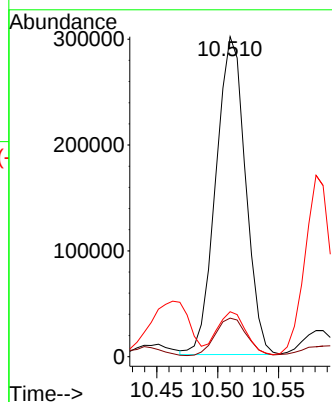
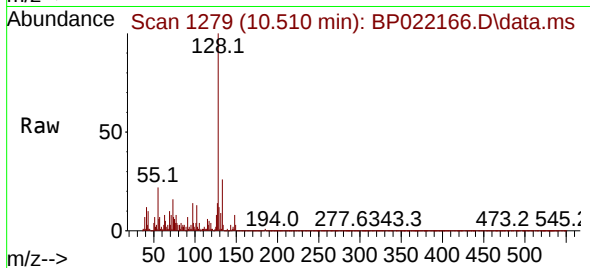




#30
Naphthalene
Concen: 15.797 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP022166.D
Acq: 02 Oct 2024 17:29

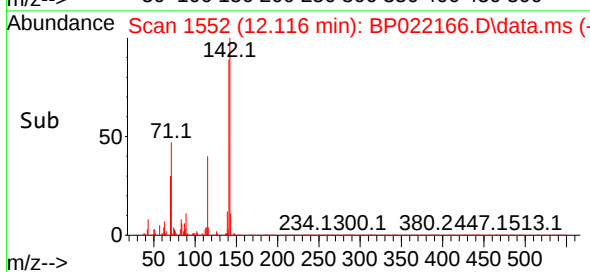
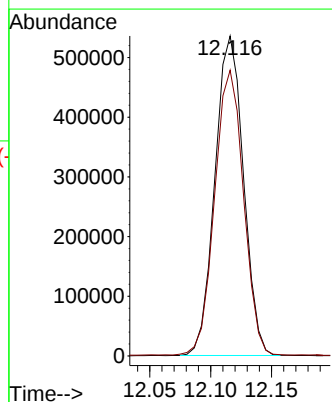
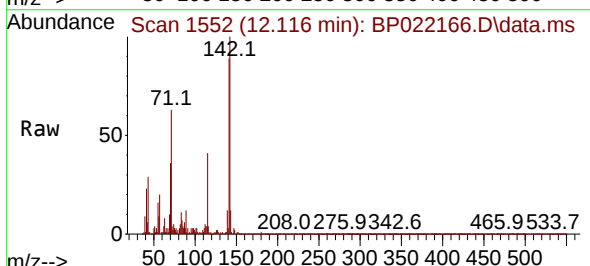
Instrument :
BNA_P
ClientSampleId :
DCVT6

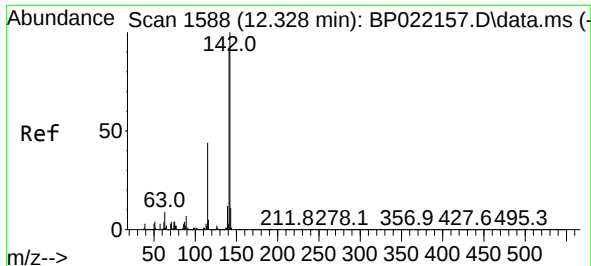
Tgt Ion:128 Resp: 508445
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 14.1 10.9 16.3



#36
2-Methylnaphthalene
Concen: 36.530 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022166.D
Acq: 02 Oct 2024 17:29

Tgt Ion:142 Resp: 873774
Ion Ratio Lower Upper
142 100
141 89.3 72.6 109.0

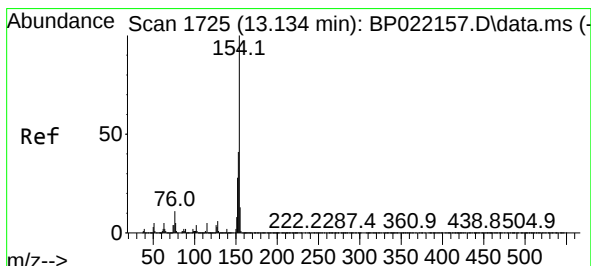
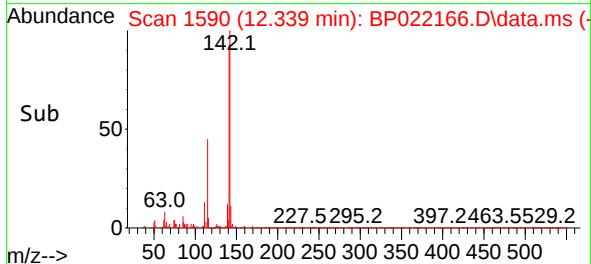
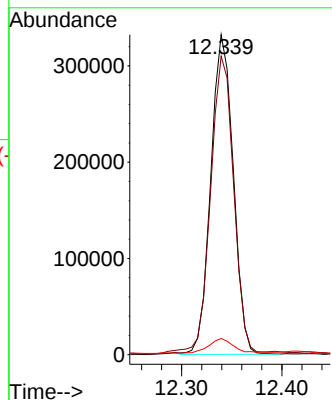
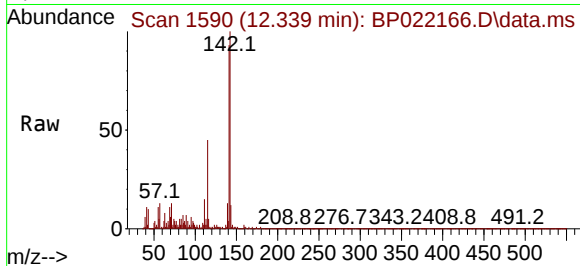




#37
1-Methylnaphthalene
Concen: 21.462 ng/ul
RT: 12.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP022166.D
Acq: 02 Oct 2024 17:29

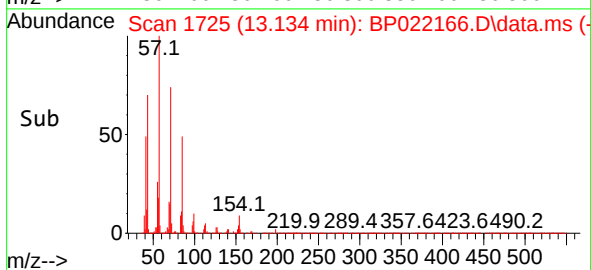
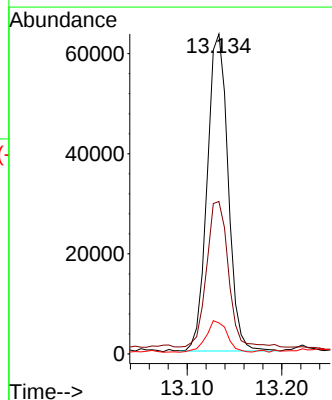
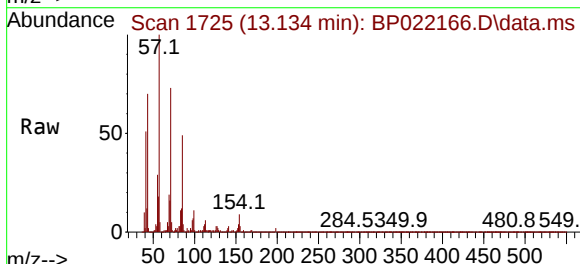
Instrument :
BNA_P
ClientSampleId :
DCVT6

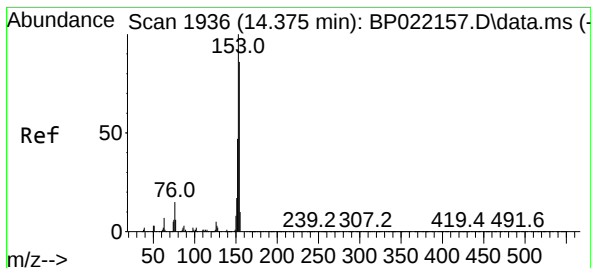
Tgt Ion:142 Resp: 517733
Ion Ratio Lower Upper
142 100
141 93.3 74.6 111.8
116 5.1 3.9 5.9



#43
1,1'-Biphenyl
Concen: 2.827 ng/ul
RT: 13.134 min Scan# 1725
Delta R.T. -0.018 min
Lab File: BP022166.D
Acq: 02 Oct 2024 17:29

Tgt Ion:154 Resp: 96994
Ion Ratio Lower Upper
154 100
153 47.7 32.6 49.0
76 9.7 10.1 15.1#





#52

Acenaphthene

Concen: 1.028 ng/ul

RT: 14.381 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BP022166.D

Acq: 02 Oct 2024 17:29

Instrument :

BNA_P

ClientSampleId :

DCVT6

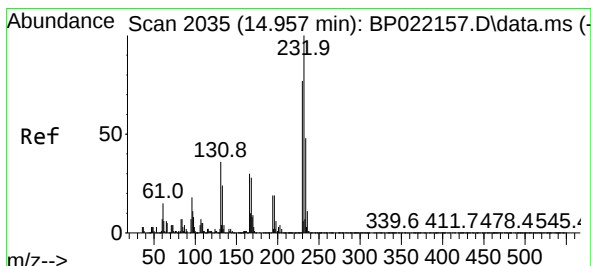
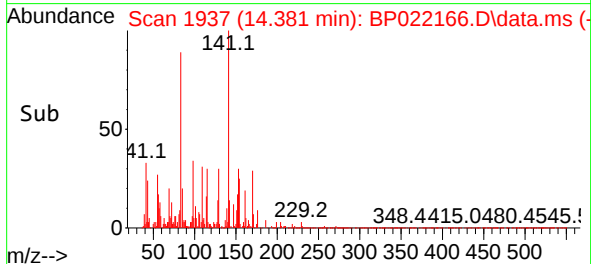
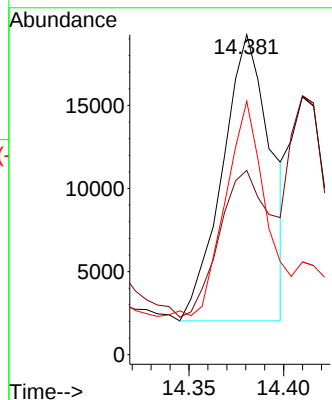
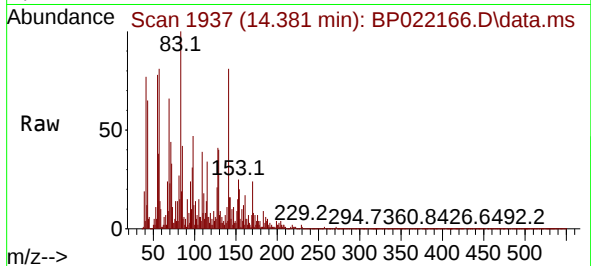
Tgt Ion:153 Resp: 30596

Ion Ratio Lower Upper

153 100

152 57.6 37.1 55.7#

154 79.2 67.4 101.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 109.285 ng/ul

RT: 14.951 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BP022166.D

Acq: 02 Oct 2024 17:29

Tgt Ion:232 Resp: 1211247

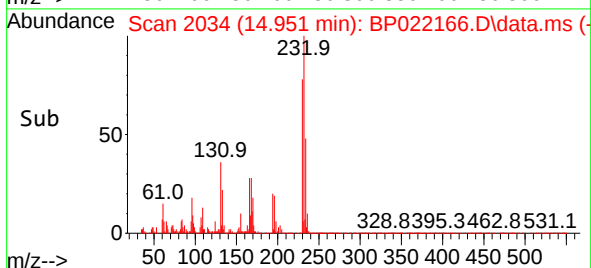
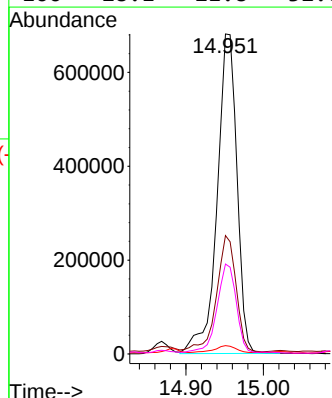
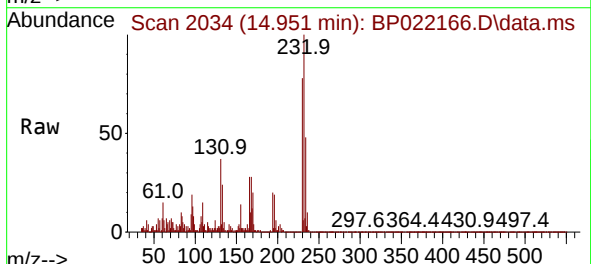
Ion Ratio Lower Upper

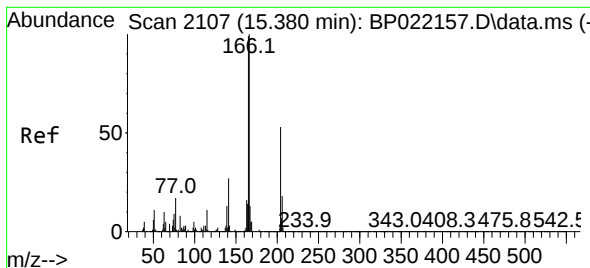
232 100

131 37.0 28.2 42.2

130 2.6 1.8 2.6

166 28.1 21.8 32.6





#61

Fluorene

Concen: 1.782 ng/ul

RT: 15.380 min Scan# 2107

Delta R.T. -0.000 min

Lab File: BP022166.D

Acq: 02 Oct 2024 17:29

Instrument :

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ClientSampleId :

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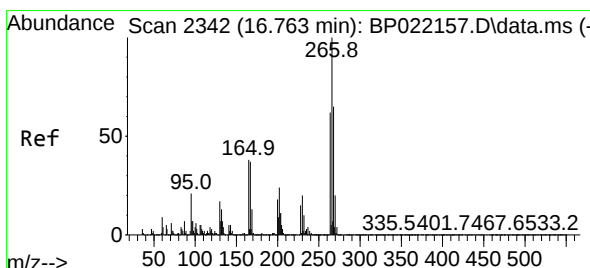
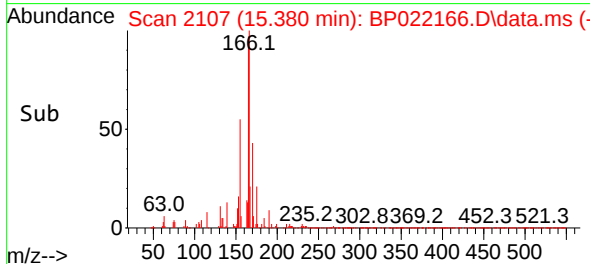
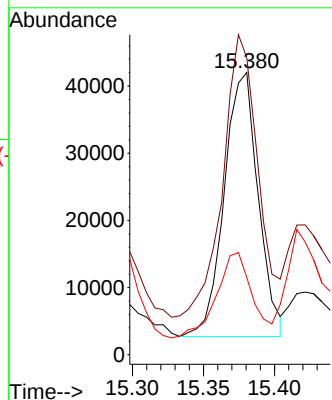
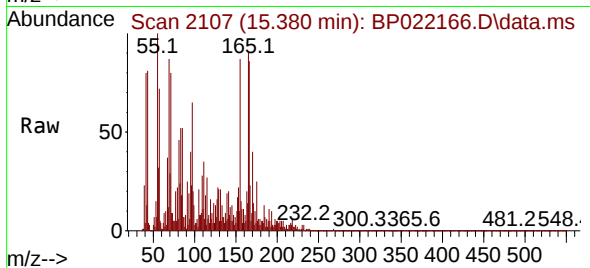
Tgt Ion:166 Resp: 65556

Ion Ratio Lower Upper

166 100

165 105.2 77.9 116.9

167 27.4 10.5 15.7#



#71

Pentachlorophenol

Concen: 898.264 ng/ul

RT: 16.792 min Scan# 2347

Delta R.T. 0.035 min

Lab File: BP022166.D

Acq: 02 Oct 2024 17:29

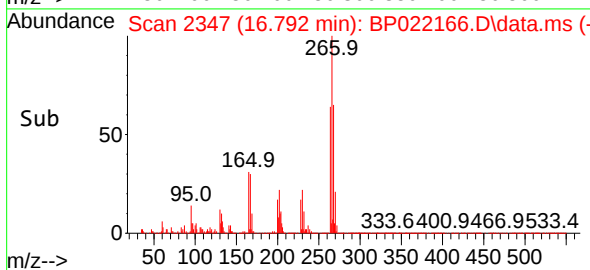
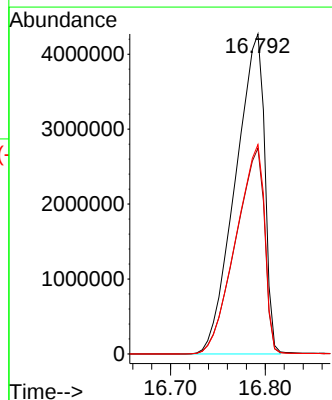
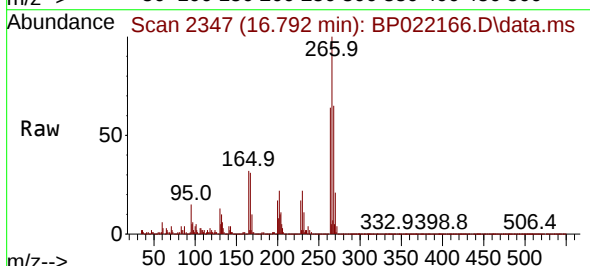
Tgt Ion:266 Resp: 9154809

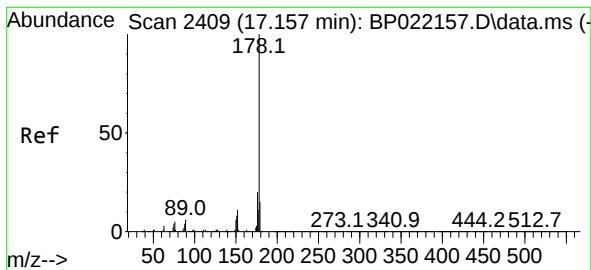
Ion Ratio Lower Upper

266 100

264 64.3 50.2 75.4

268 65.4 51.4 77.0





#72

Phenanthrene

Concen: 7.168 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP022166.D

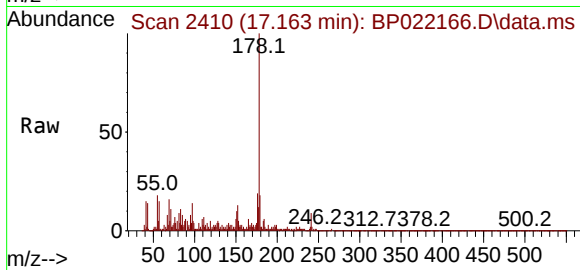
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Tgt Ion:178 Resp: 393715

Ion Ratio Lower Upper

178 100

179 17.7 12.4 18.6

176 19.3 15.0 22.6

