

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021721\
 Data File : BP004776.D
 Acq On : 17 Feb 2021 16:53
 Operator : CG/JU
 Sample : M1407-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBGK7

Quant Time: Feb 18 06:47:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 12:16:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	47939	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	192122	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	120451	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	261665	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	286337	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	278113	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	6519	5.26	ng/uL	0.00
5) Phenol-d5	6.93	99	27593	7.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	64286	32.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	80440	27.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	51769	17.10	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	47009	35.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	53290	36.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	91828	31.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	9685	2.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	339675	38.85	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	396330	37.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	11739	7.68	ng/ul	0.00
58) Fluorene-d10	15.40	176	290121	38.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	66680	42.16	ng/ul	0.00
71) Anthracene-d10	17.26	188	470539	40.78	ng/ul	0.00
79) Pyrene-d10	19.50	212	547917	40.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	585661	41.63	ng/ul	-0.01

Target Compounds

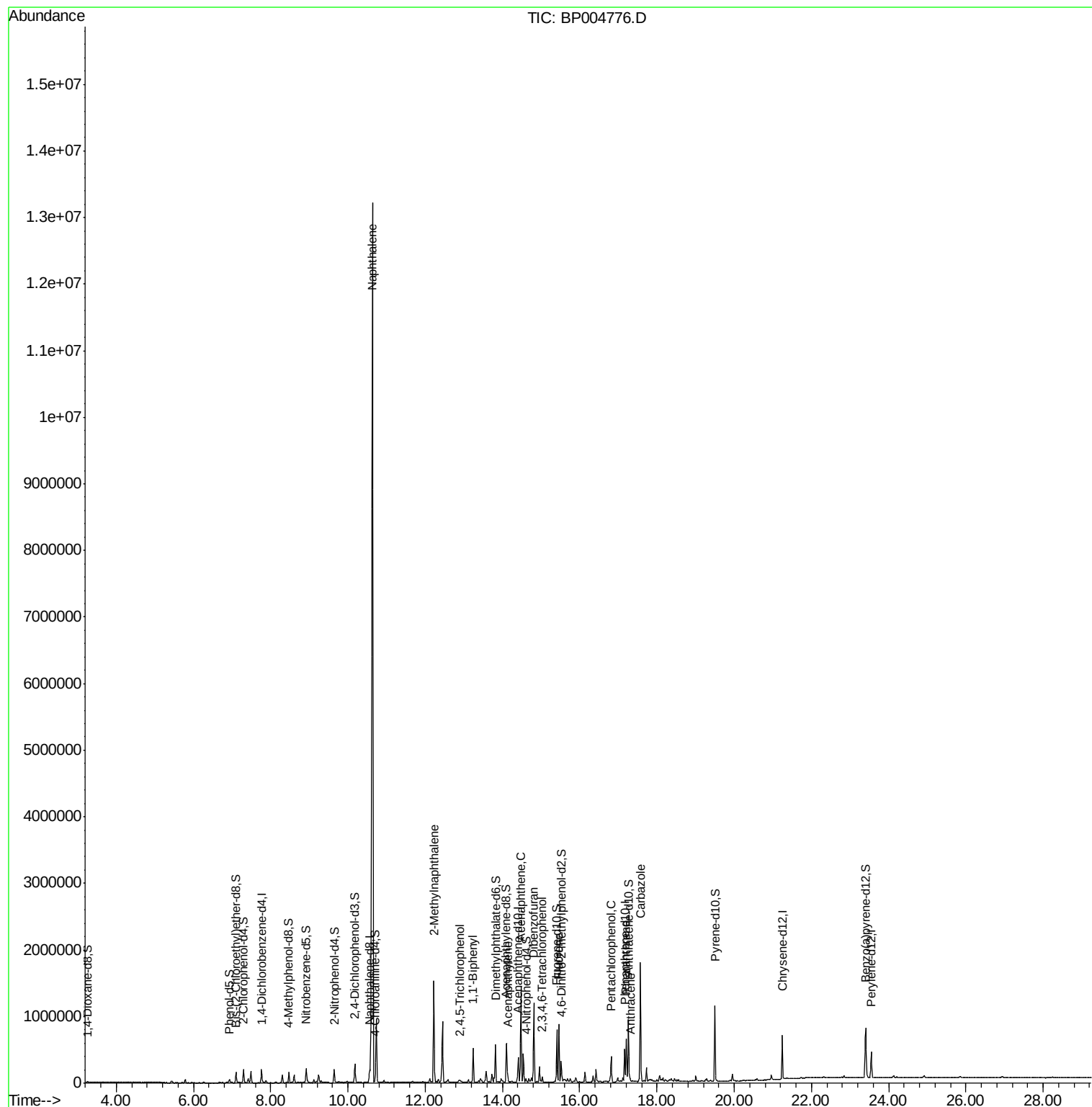
					Ovalue	
28) Naphthalene	10.64	128	12220945	1235.724	ng/ul	100
34) 2-Methylnaphthalene	12.23	142	658724	92.399	ng/ul	97
40) 2,4,5-Trichlorophenol	12.91	196	4675	1.874	ng/ul#	90
41) 1,1'-Biphenyl	13.24	154	236171	26.597	ng/ul	99
48) Acenaphthylene	14.13	152	80504	8.009	ng/ul	98
50) Acenaphthene	14.47	153	543623	72.891	ng/ul	100
54) Dibenzofuran	14.81	168	688631	64.579	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.04	232	12665	5.645	ng/ul#	97
59) Fluorene	15.46	166	355585	39.948	ng/ul	99
69) Pentachlorophenol	16.81	266	27175	14.443	ng/ul	96
70) Phenanthrene	17.20	178	362924	26.036	ng/ul	99
72) Anthracene	17.30	178	19321	1.363	ng/ul	97
75) Carbazole	17.57	167	1052298	84.787	ng/ul	99

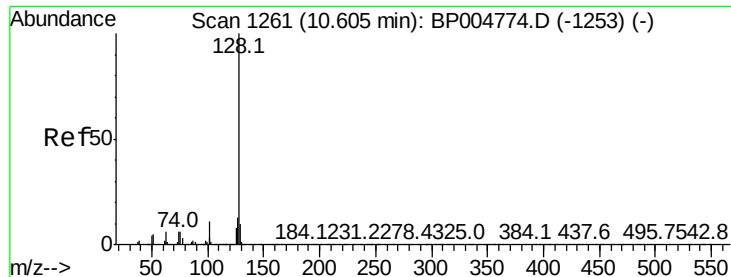
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#28

Naphthalene

Concen: 1235.724 ng/ul

RT: 10.64 min Scan# 1267

Delta R.T. 0.03 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

Instrument :

BNA_P

ClientSampleId :

DBGK7

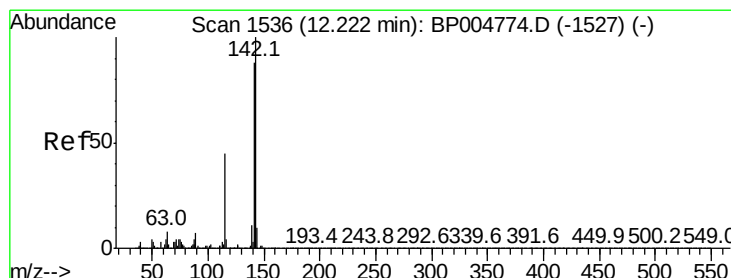
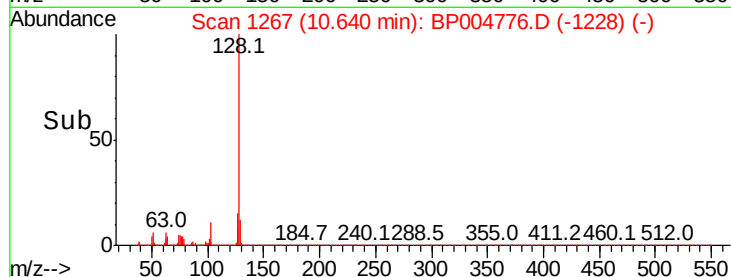
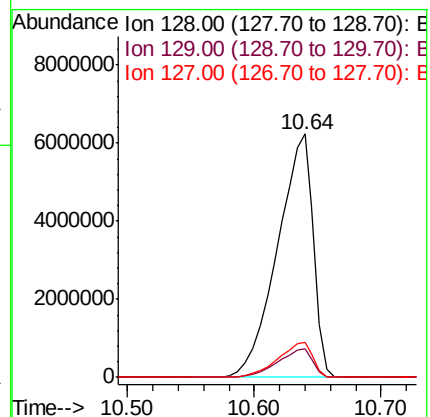
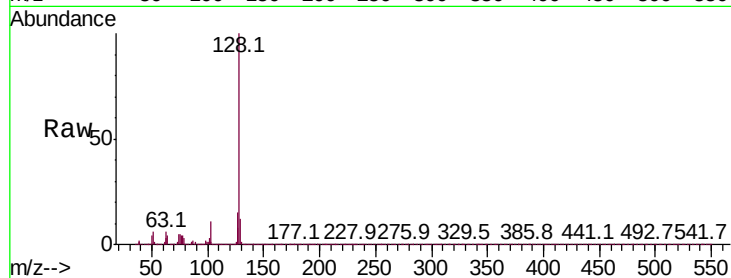
Tot Ion:128 Resp:12220945

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 14.5 11.7 17.5



#34

2-Methylnaphthalene

Concen: 92.399 ng/ul

RT: 12.23 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BP004776.D

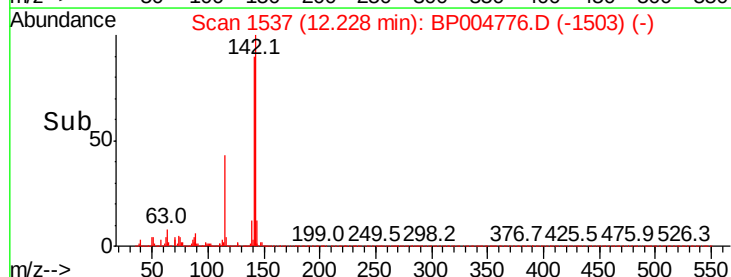
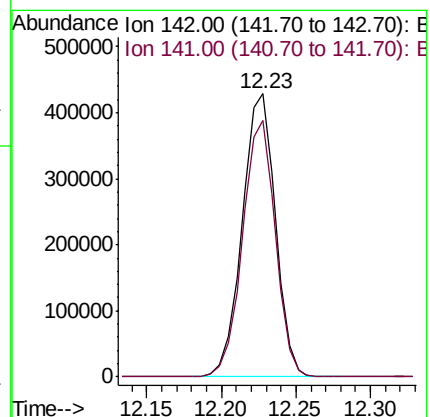
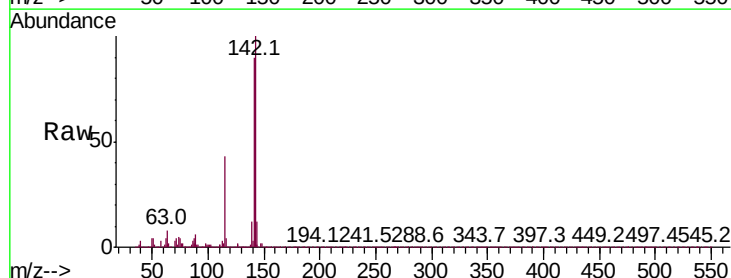
Acq: 17 Feb 2021 16:53

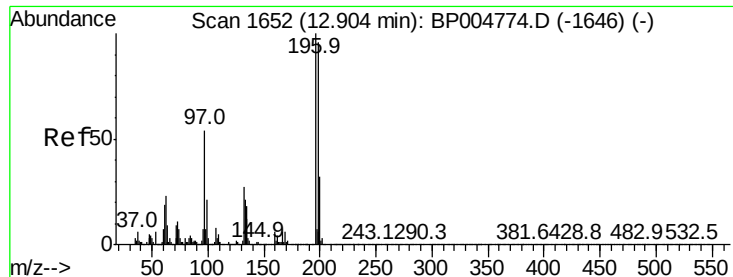
Tgt Ion:142 Resp: 658724

Ion Ratio Lower Upper

142 100

141 90.4 70.4 105.6

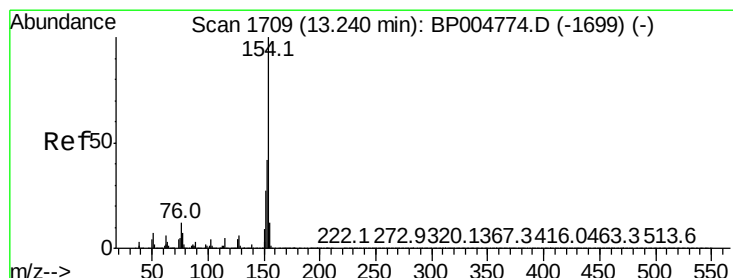
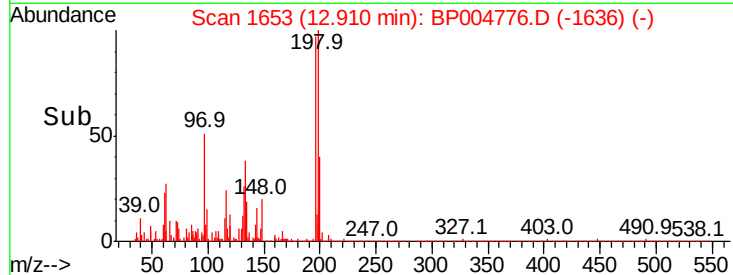
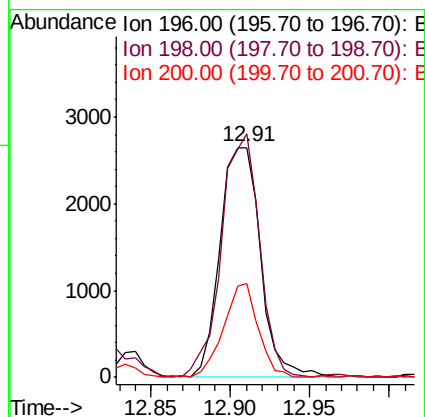
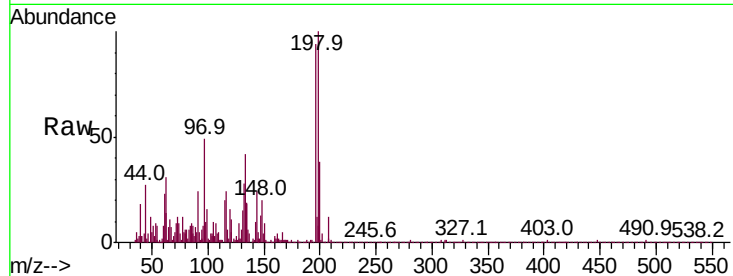




#40
 2,4,5-Trichlorophenol
 Concen: 1.874 ng/ul
 RT: 12.91 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BP004776.D
 Acq: 17 Feb 2021 16:53

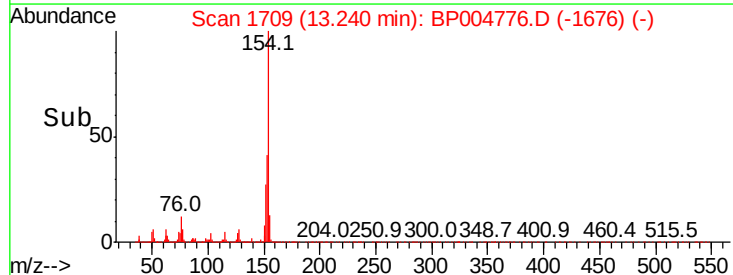
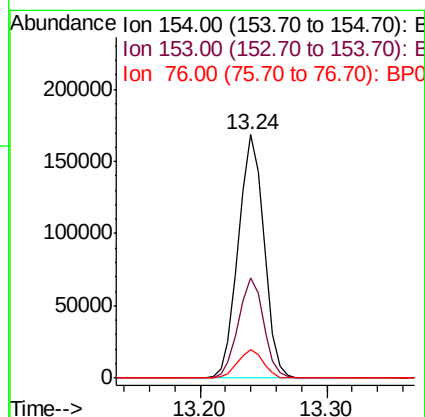
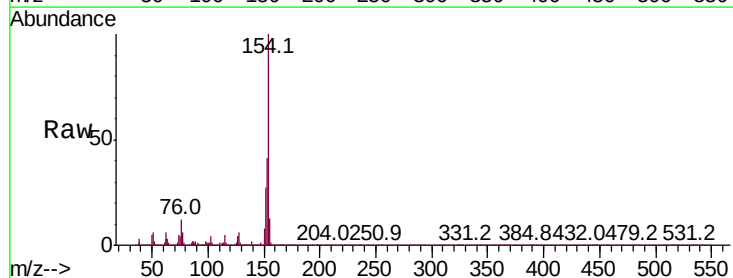
Instrument :
 BNA_P
 ClientSampleId :
 DBGK7

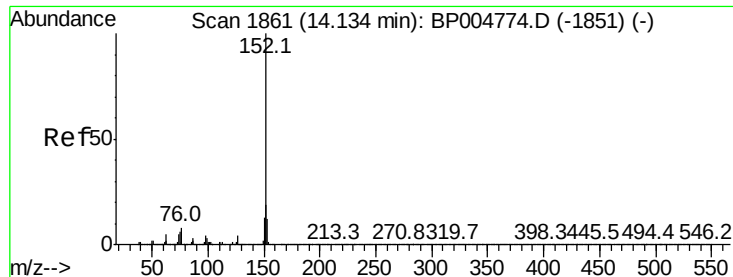
Tot Ion:196 Resp: 4675
 Ion Ratio Lower Upper
 196 100
 198 105.8 79.4 119.2
 200 40.6 24.1 36.1#



#41
 1,1'-Biphenyl
 Concen: 26.597 ng/ul
 RT: 13.24 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP004776.D
 Acq: 17 Feb 2021 16:53

Tgt Ion:154 Resp: 236171
 Ion Ratio Lower Upper
 154 100
 153 40.9 32.3 48.5
 76 12.0 8.8 13.2





#48

Acenaphthylene

Concen: 8.009 ng/ul

RT: 14.13 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

Instrument :

BNA_P

ClientSampleId :

DBGK7

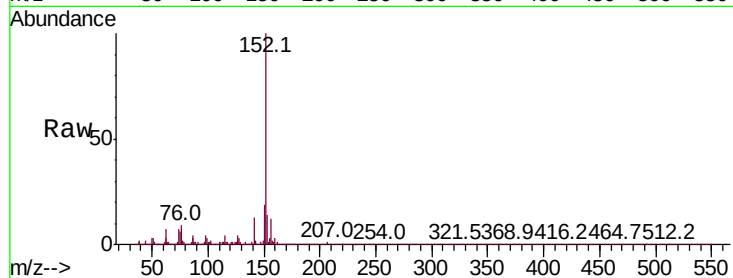
Tot Ion:152 Resp: 80504

Ion Ratio Lower Upper

152 100

151 19.4 16.6 24.8

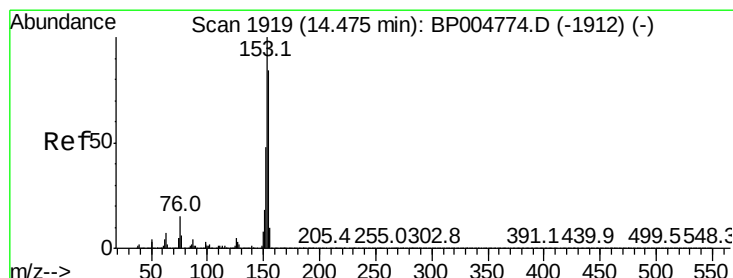
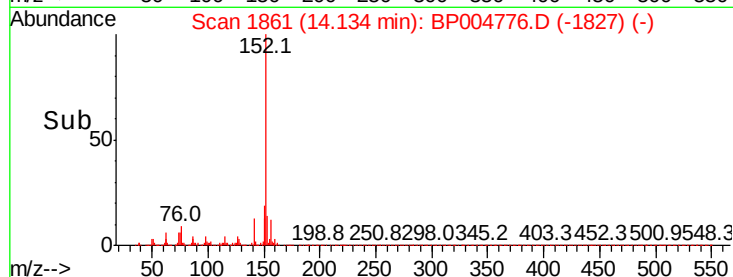
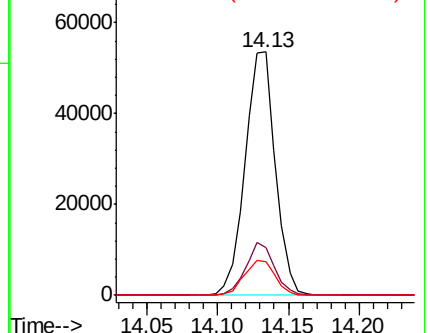
153 14.1 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 72.891 ng/ul

RT: 14.47 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

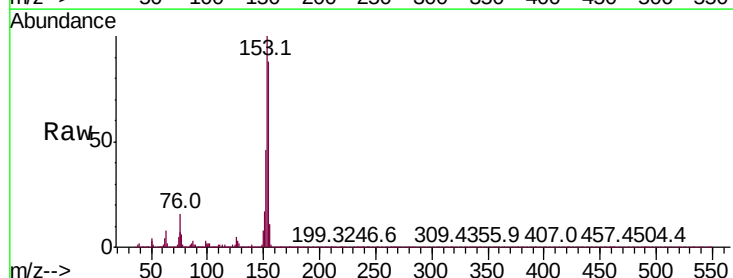
Tgt Ion:153 Resp: 543623

Ion Ratio Lower Upper

153 100

152 46.3 37.0 55.4

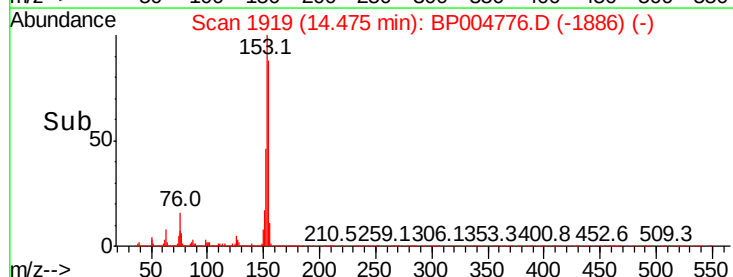
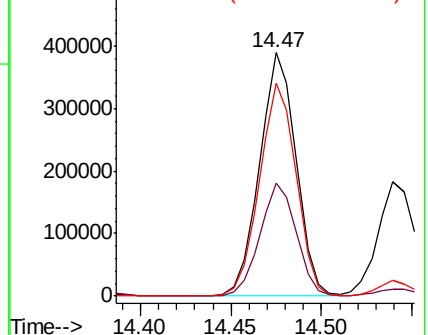
154 87.7 70.1 105.1

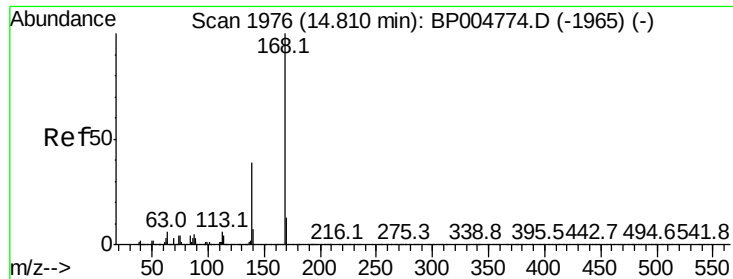


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 64.579 ng/ul

RT: 14.81 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

Instrument :

BNA_P

ClientSampled :

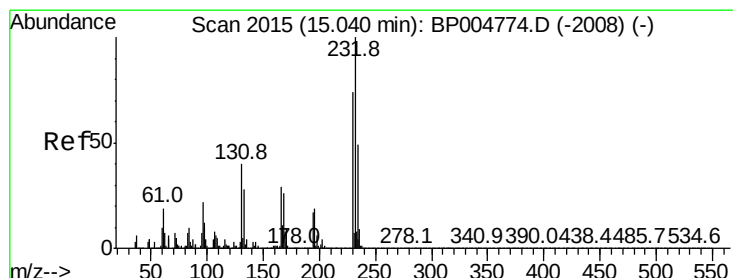
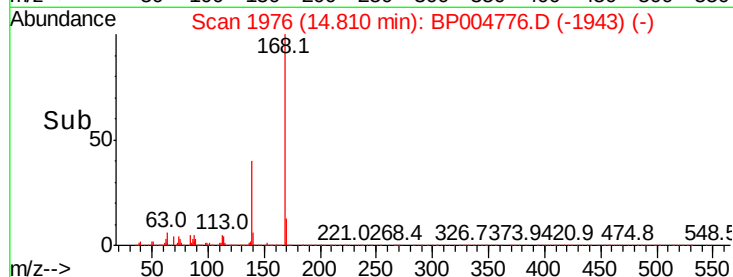
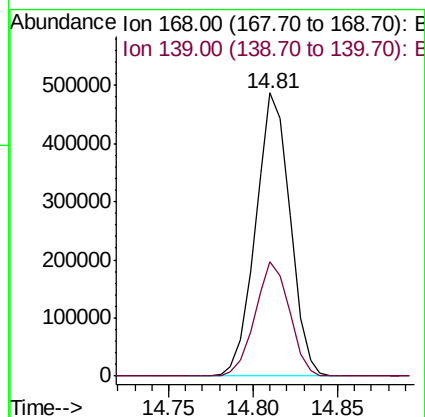
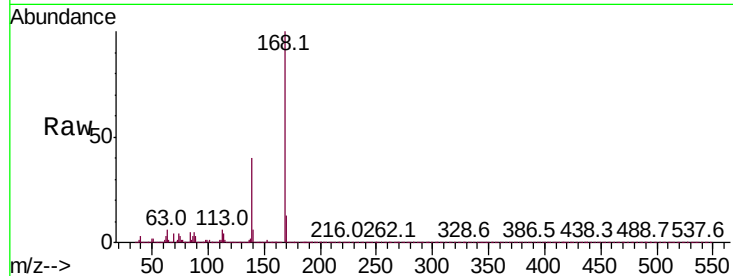
DBGK7

Tot Ion:168 Resp: 688631

Ion Ratio Lower Upper

168 100

139 40.5 32.5 48.7



#56

2,3,4,6-Tetrachlorophenol

Concen: 5.645 ng/ul

RT: 15.04 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

Tgt Ion:232 Resp: 12665

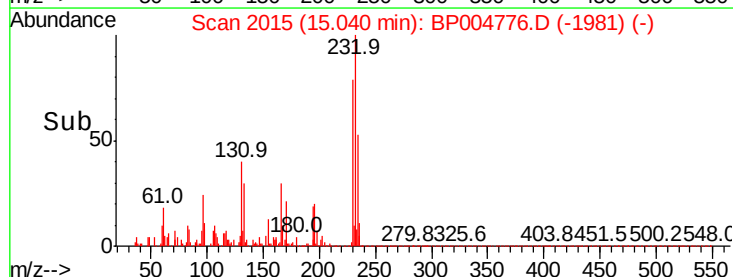
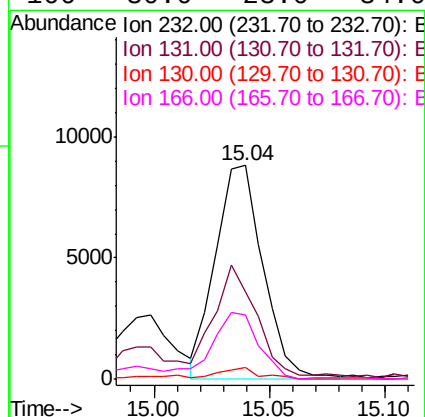
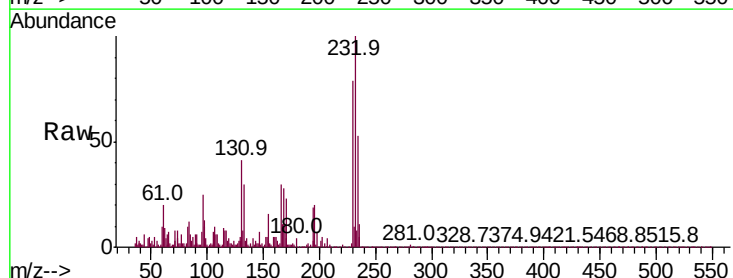
Ion Ratio Lower Upper

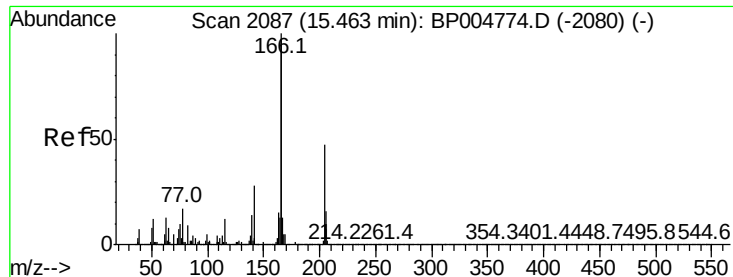
232 100

131 40.9 34.2 51.2

130 5.1 2.4 3.6#

166 30.0 23.0 34.6





#59

Fluorene

Concen: 39.948 ng/ul

RT: 15.46 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

Instrument :

BNA_P

ClientSampleId :

DBGK7

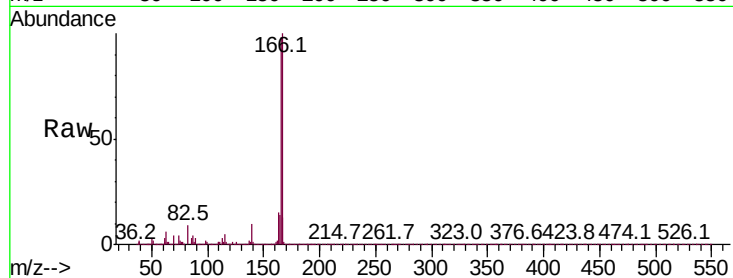
Tot Ion:166 Resp: 355585

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

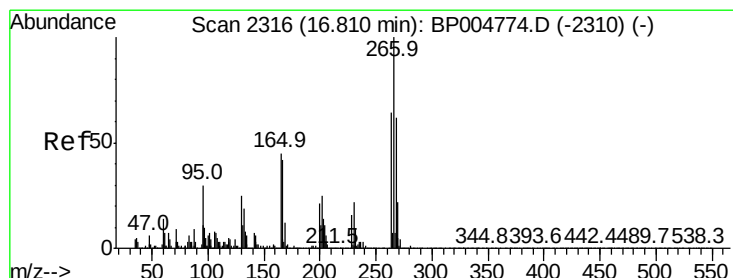
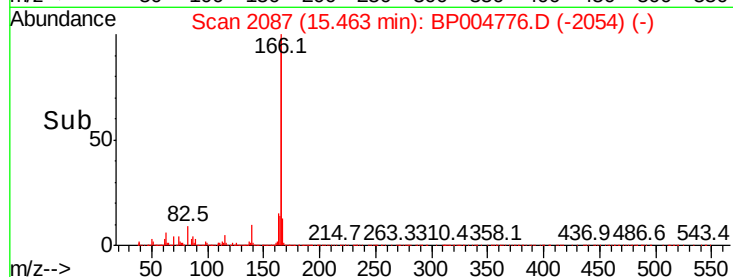
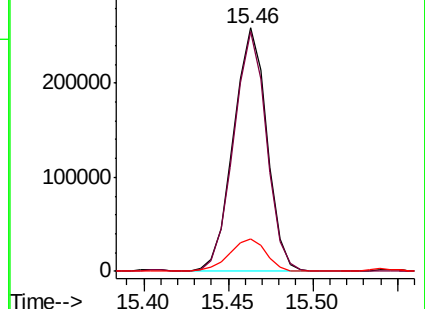
167 13.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 14.443 ng/ul

RT: 16.81 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

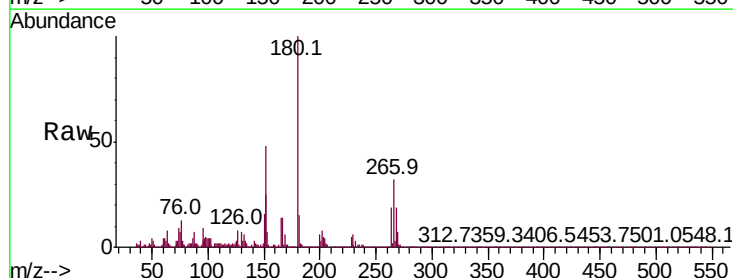
Tgt Ion:266 Resp: 27175

Ion Ratio Lower Upper

266 100

264 59.6 47.7 71.5

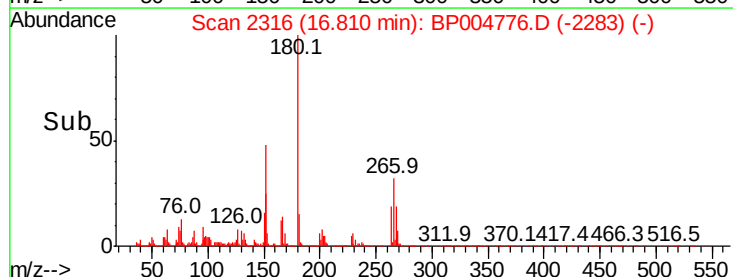
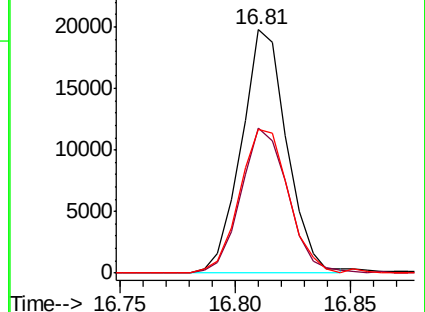
268 58.9 51.4 77.0

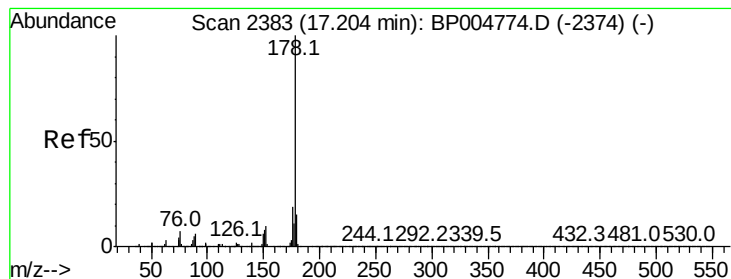


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 26.036 ng/ul

RT: 17.20 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

Instrument :

BNA_P

ClientSampleId :

DBGK7

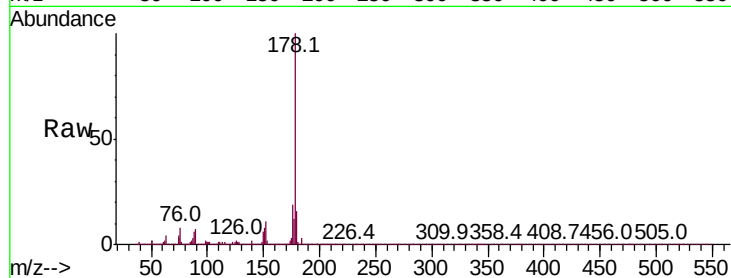
Tot Ion:178 Resp: 362924

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

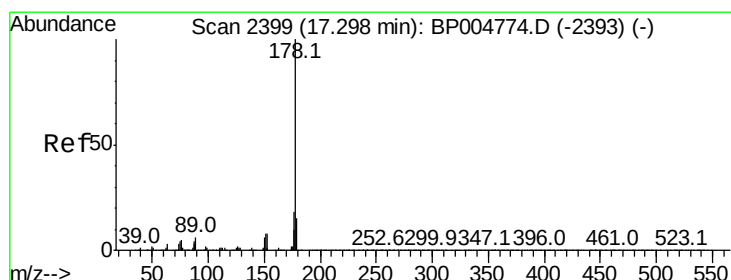
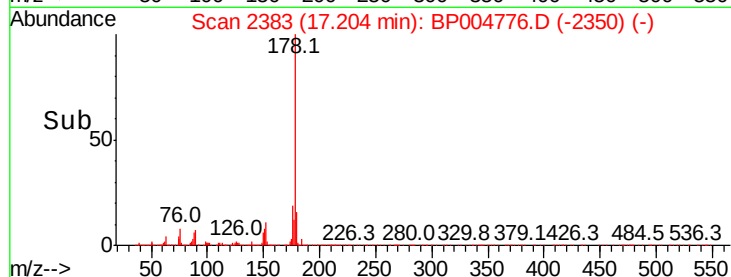
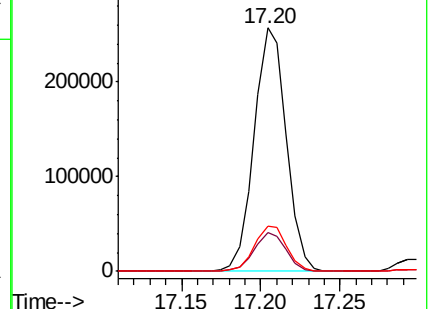
176 18.6 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.363 ng/ul

RT: 17.30 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

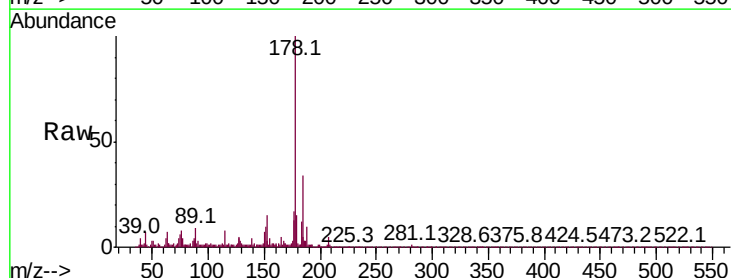
Tgt Ion:178 Resp: 19321

Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

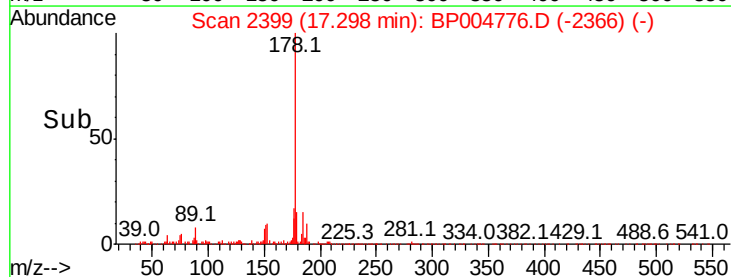
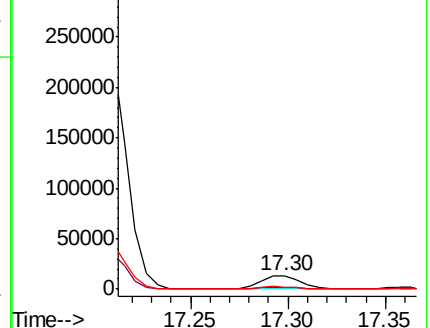
176 17.2 15.1 22.7

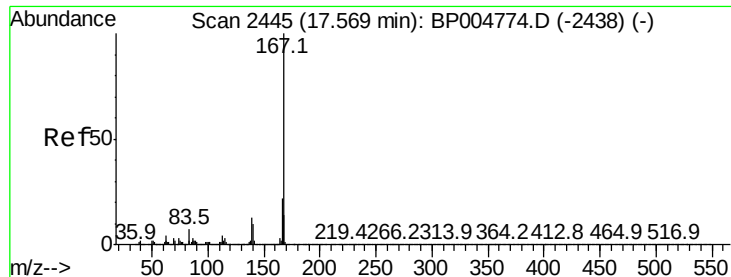


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 84.787 ng/ul

RT: 17.57 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BP004776.D

Acq: 17 Feb 2021 16:53

Instrument :

BNA_P

ClientSampleId :

DBGK7

Tot Ion:167 Resp: 1052298

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.0 11.0 16.6

