

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013596.D
 Acq On : 15 Jan 2018 21:42
 Operator : SJ/JU
 Sample : J1079-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJJ3

Quant Time: Jan 16 05:23:20 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:03:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	165083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	632310	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	332838	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.05	188	697809	20.00	ng/ul	0.03
75) Chrysene-d12	21.23	240	711492	20.00	ng/ul	0.01
83) Perylene-d12	23.44	264	702398	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	18224	4.36	ng/uL	0.00
5) Phenol-d5	6.80	99	415594	32.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	260687	33.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	362018	35.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	212301	21.79	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	177620	36.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	194015	37.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	333297	33.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	204911	23.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	908840	33.13	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1172283	33.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	162192	36.38	ng/ul	0.00
57) Fluorene-d10	15.28	176	838159	34.74	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	76011	18.10	ng/ul	0.02
70) Anthracene-d10	17.15	188	1217296	35.81	ng/ul	0.02
76) Pyrene-d10	19.44	212	1334867	40.30	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.30	264	1192279	36.93	ng/ul	0.02

Target Compounds

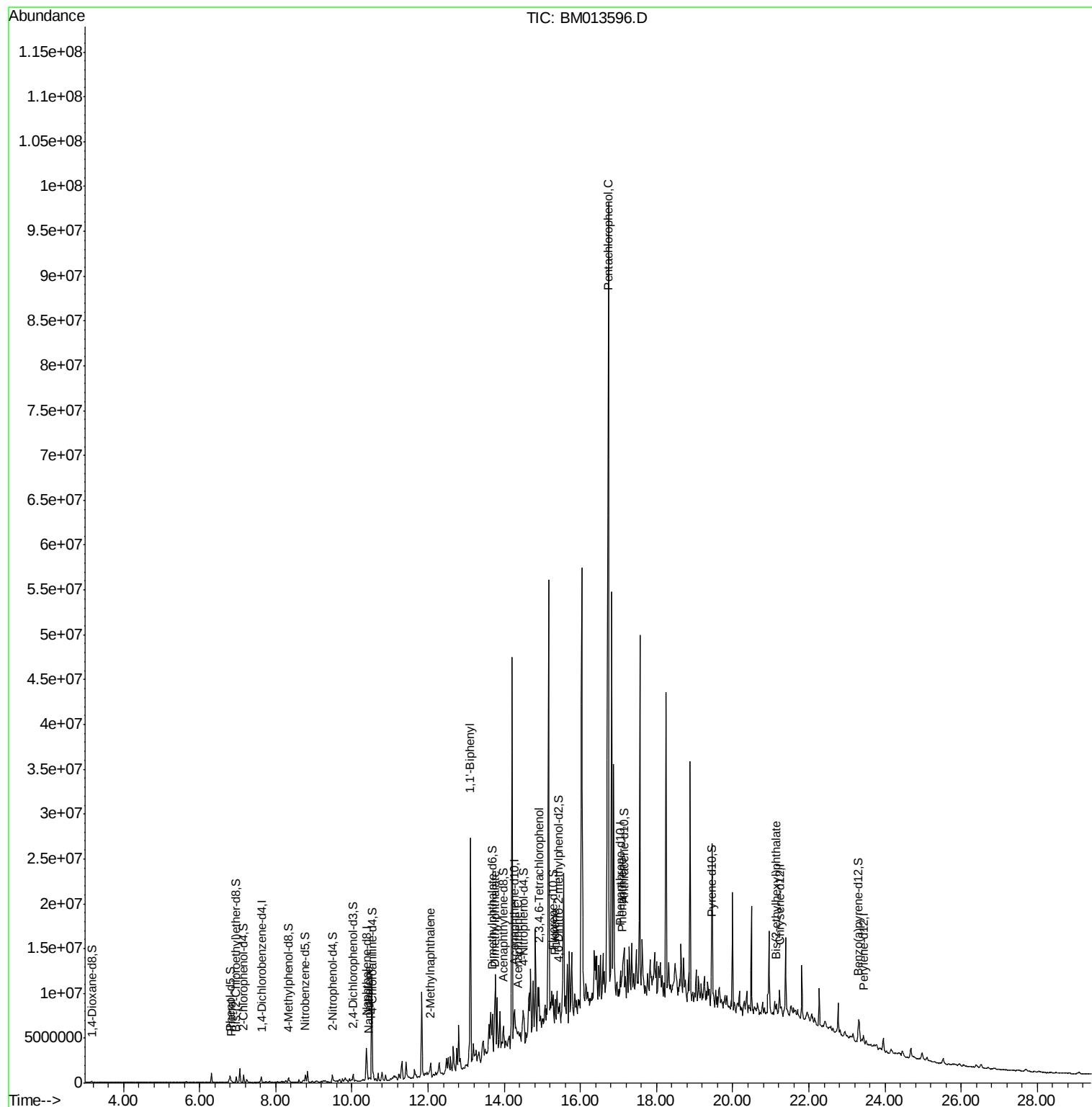
					Qvalue	
6) Phenol	6.83	94	72596	5.711	ng/ul#	81
28) Naphthalene	10.45	128	131833	4.191	ng/ul#	94
34) 2-Methylnaphthalene	12.07	142	586996	25.028	ng/ul	97
40) 1,1'-Biphenyl	13.10	154	135765	4.900	ng/ul#	85
44) Dimethylphthalate	13.74	163	246805	9.151	ng/ul#	94
49) Acenaphthene	14.35	153	52669	2.376	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.92	232	431761	61.796	ng/ul#	74
58) Fluorene	15.34	166	144967	5.307	ng/ul#	72
68) Pentachlorophenol	16.73	266	21979926	4662.392	ng/ul	88
69) Phenanthrene	17.09	178	777439	20.043	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.15	149	145522	6.366	ng/ul#	79

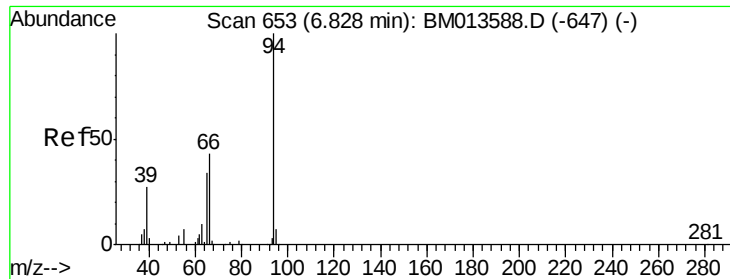
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 16 03:03:13 2018
Response via : Initial Calibration





#6

Phenol

Concen: 5.711 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM013596.D

Acq: 15 Jan 2018 21:42

Instrument :

BNA_M

ClientSampleId :

DAJJ3

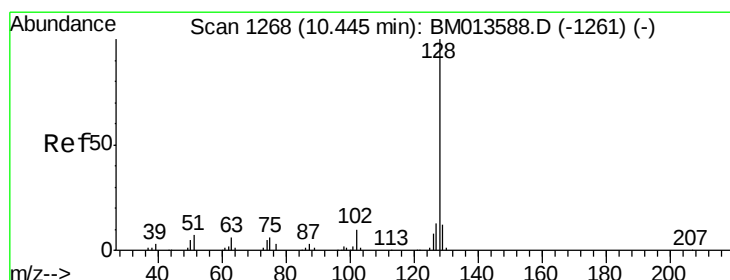
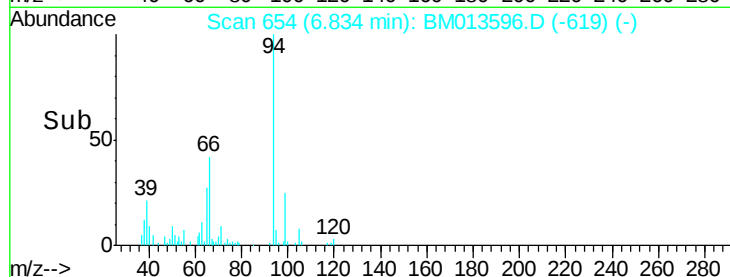
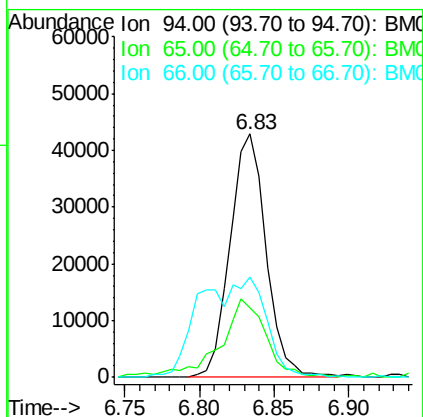
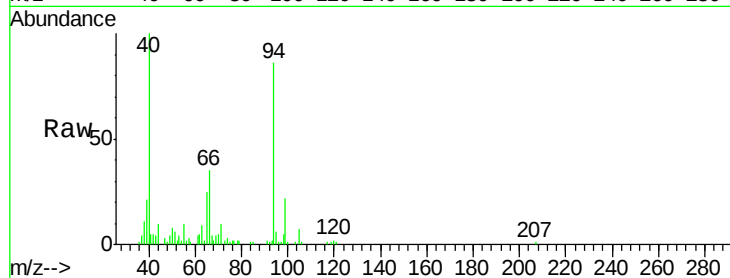
Tgt Ion: 94 Resp: 72596

Ion Ratio Lower Upper

94 100

65 28.4 28.2 42.4

66 41.0 47.2 70.8#



#28

Naphthalene

Concen: 4.191 ng/ul

RT: 10.45 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BM013596.D

Acq: 15 Jan 2018 21:42

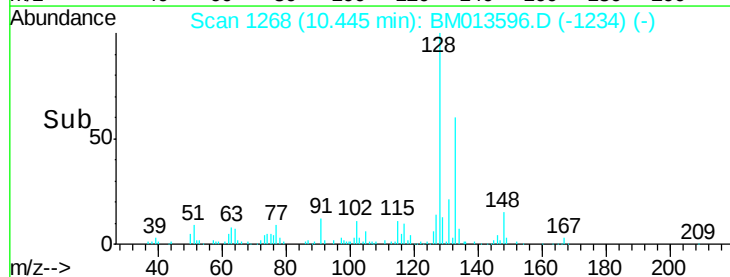
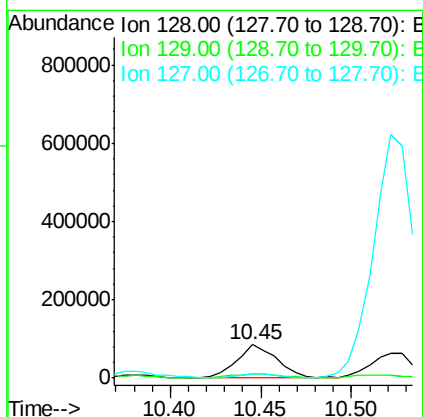
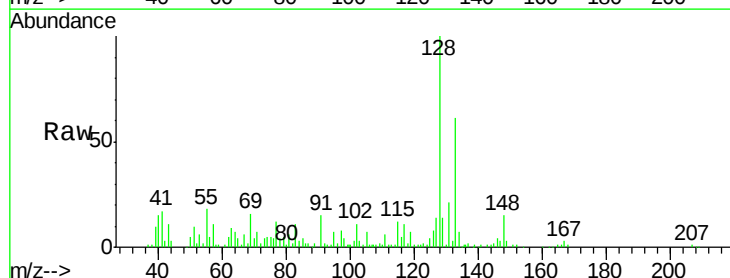
Tgt Ion: 128 Resp: 131833

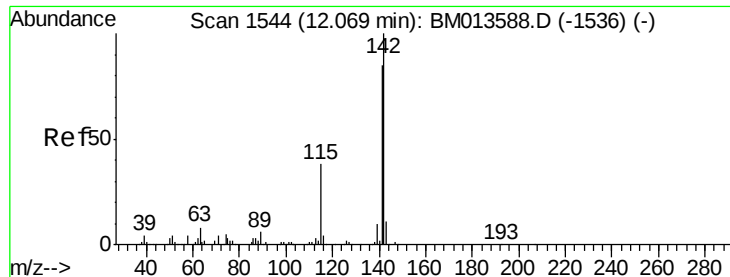
Ion Ratio Lower Upper

128 100

129 14.5 8.8 13.2#

127 14.5 10.6 16.0

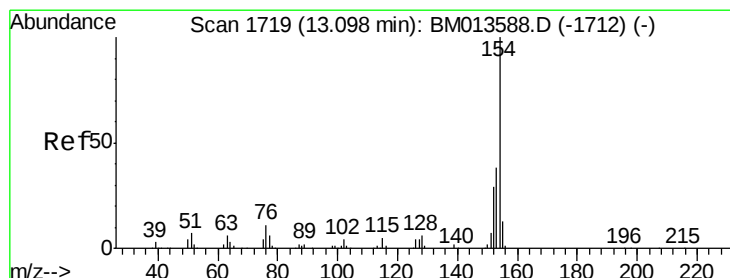
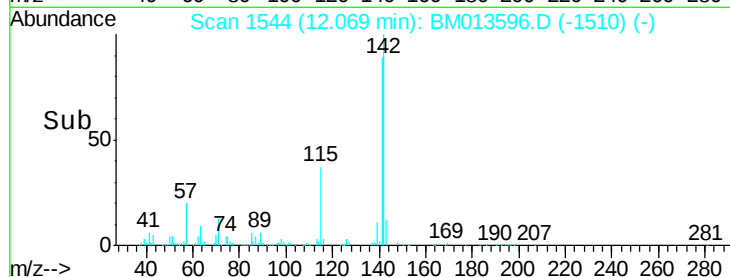
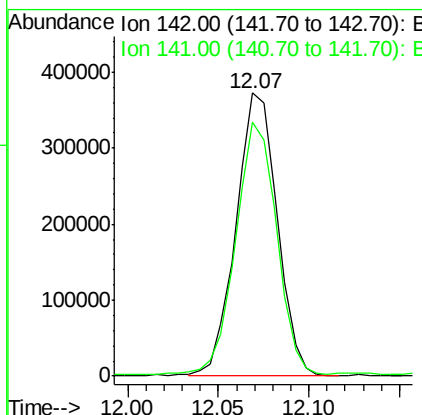
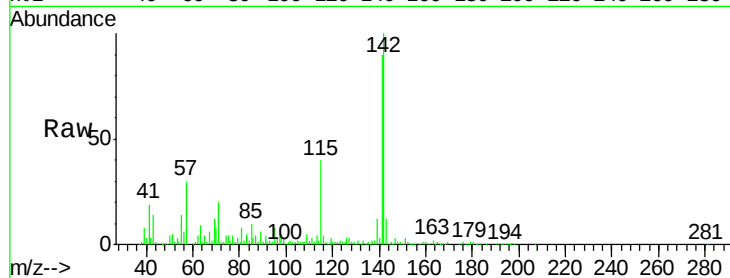




#34
 2-Methylnaphthalene
 Concen: 25.028 ng/ul
 RT: 12.07 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BM013596.D
 Acq: 15 Jan 2018 21:42

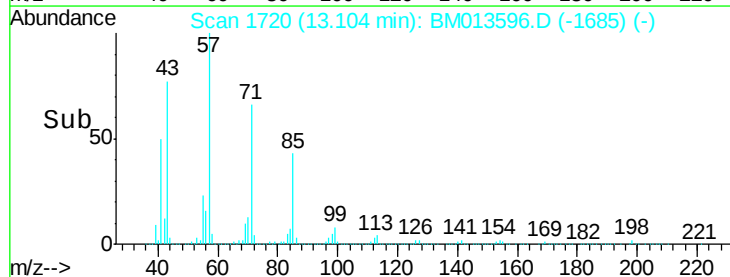
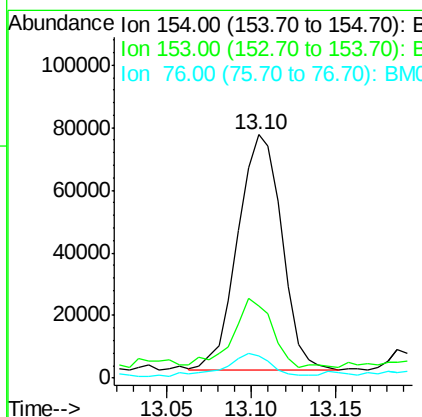
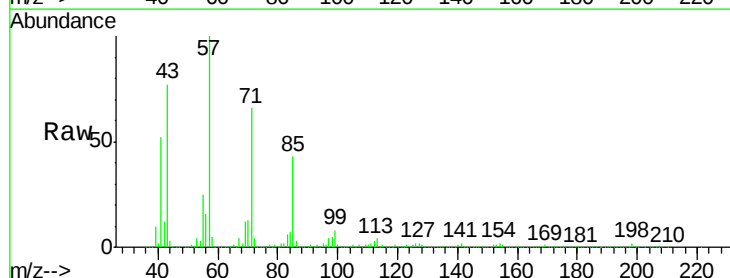
Instrument :
 BNA_M
 ClientSampleId :
 DAJJ3

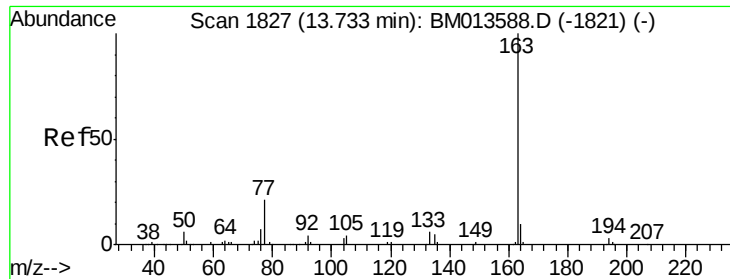
Tgt Ion:142 Resp: 586996
 Ion Ratio Lower Upper
 142 100
 141 89.7 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 4.900 ng/ul
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BM013596.D
 Acq: 15 Jan 2018 21:42

Tgt Ion:154 Resp: 135765
 Ion Ratio Lower Upper
 154 100
 153 29.8 32.6 48.8#
 76 8.9 8.5 12.7





#44

Dimethylphthalate

Concen: 9.151 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BM013596.D

Acq: 15 Jan 2018 21:42

Instrument :

BNA_M

ClientSampleId :

DAJJ3

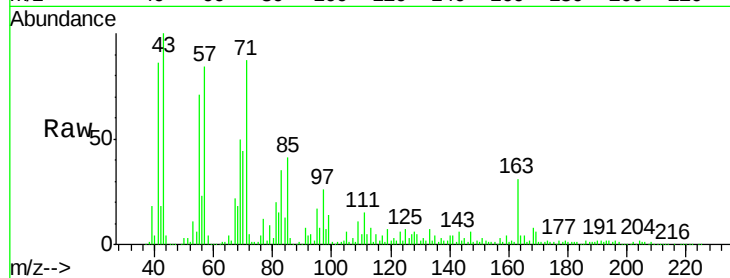
Tgt Ion:163 Resp: 246805

Ion Ratio Lower Upper

163 100

194 6.6 3.5 5.3#

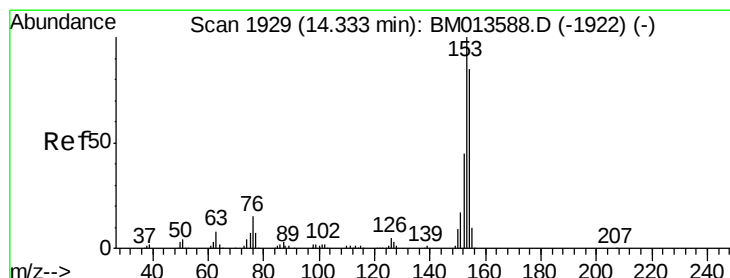
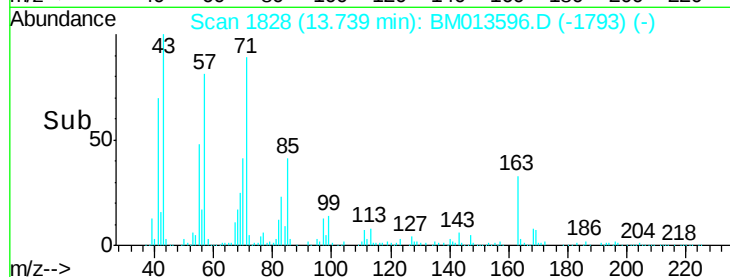
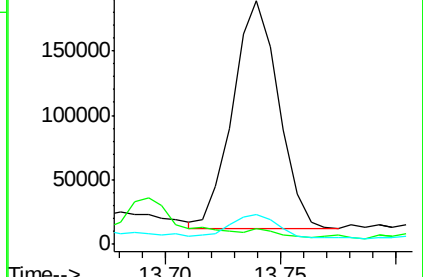
164 12.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 2.376 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BM013596.D

Acq: 15 Jan 2018 21:42

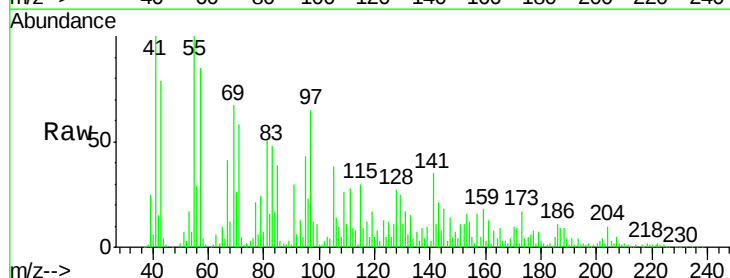
Tgt Ion:153 Resp: 52669

Ion Ratio Lower Upper

153 100

152 68.3 37.6 56.4#

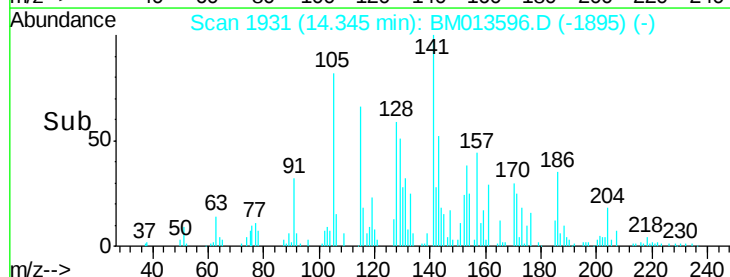
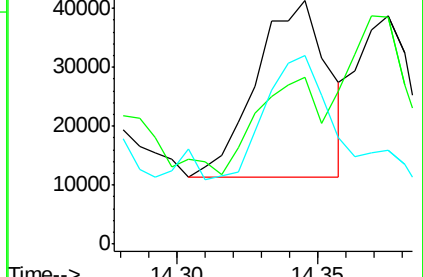
154 77.7 70.4 105.6

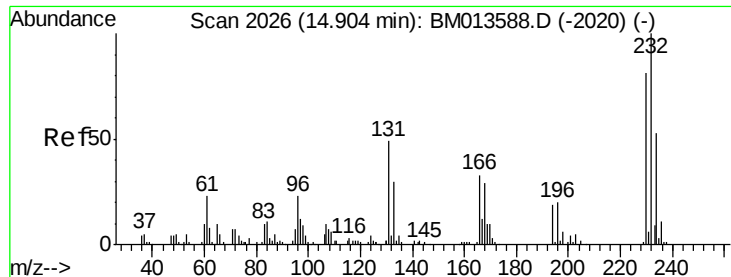


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 61.796 ng/ul

RT: 14.92 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BM013596.D

Acq: 15 Jan 2018 21:42

Instrument :

BNA_M

ClientSampleId :

DAJJ3

Tgt Ion:232 Resp: 431761

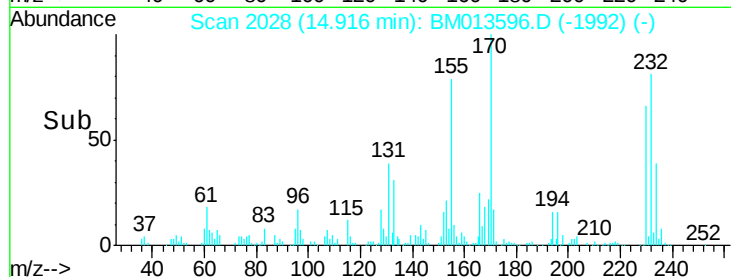
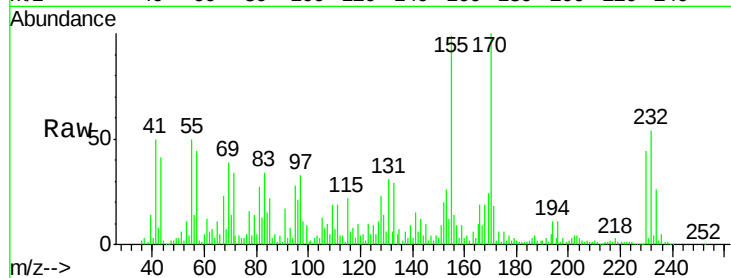
Ion Ratio Lower Upper

232 100

131 56.7 29.0 43.4#

130 10.6 2.0 3.0#

166 34.7 21.4 32.2#

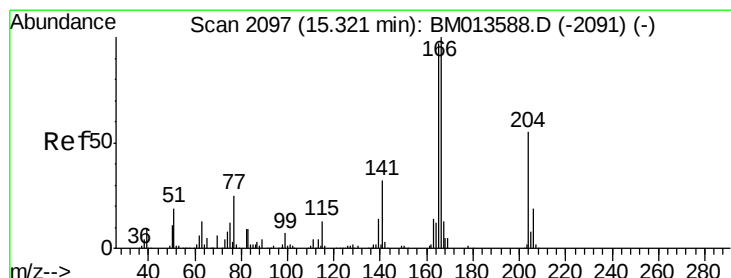
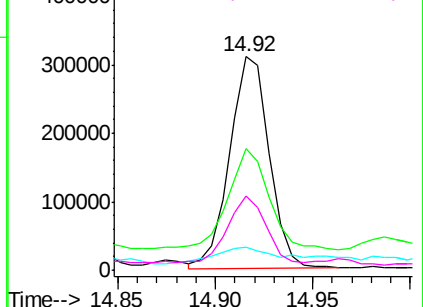


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#58

Fluorene

Concen: 5.307 ng/ul

RT: 15.34 min Scan# 2100

Delta R.T. 0.02 min

Lab File: BM013596.D

Acq: 15 Jan 2018 21:42

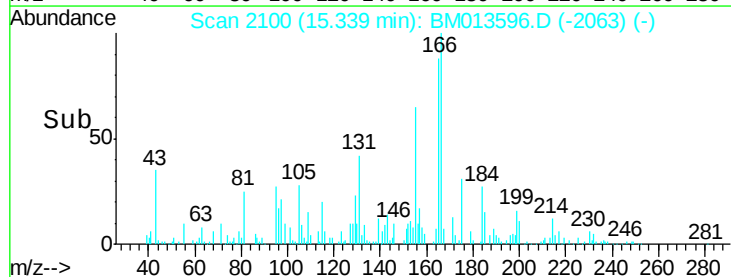
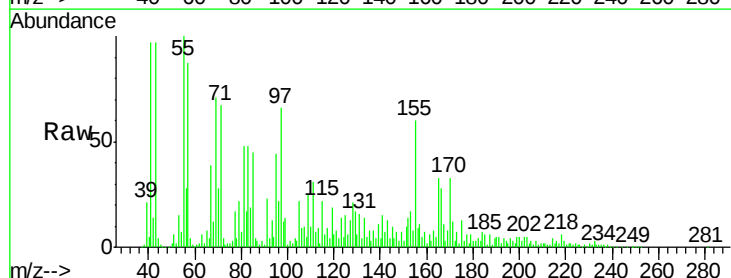
Tgt Ion:166 Resp: 144967

Ion Ratio Lower Upper

166 100

165 120.3 77.9 116.9#

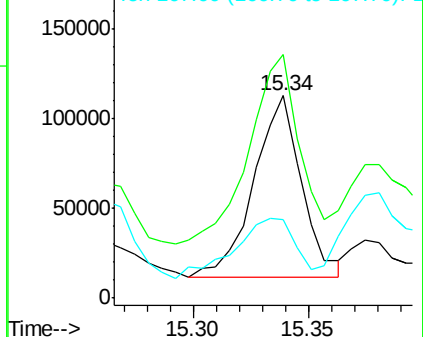
167 39.1 10.6 16.0#

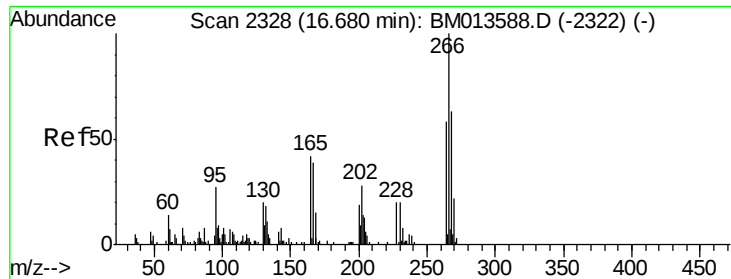


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

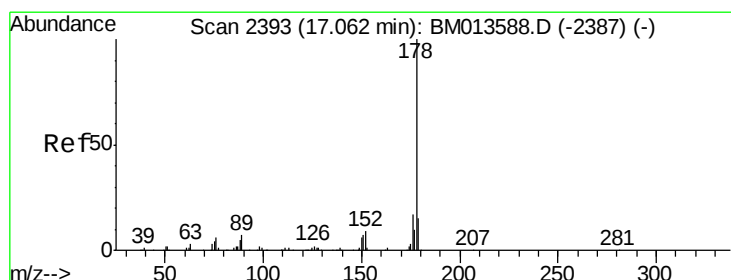
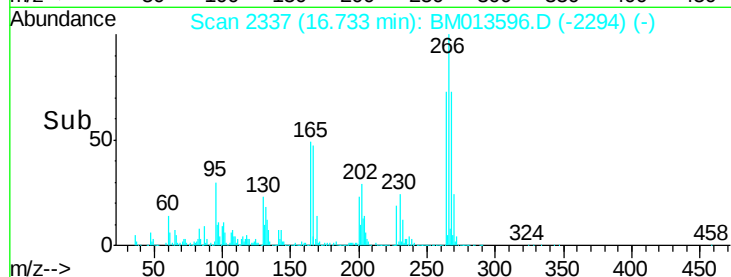
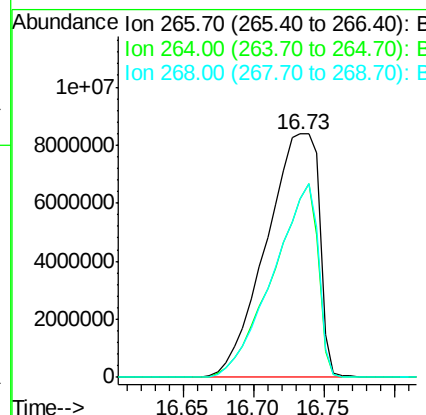
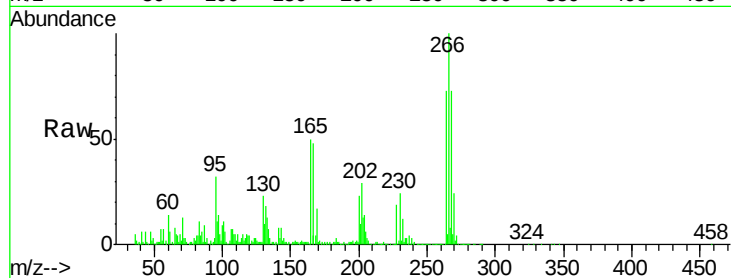




#68
 Pentachlorophenol
 Concen: 4662.392 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. 0.05 min
 Lab File: BM013596.D
 Acq: 15 Jan 2018 21:42

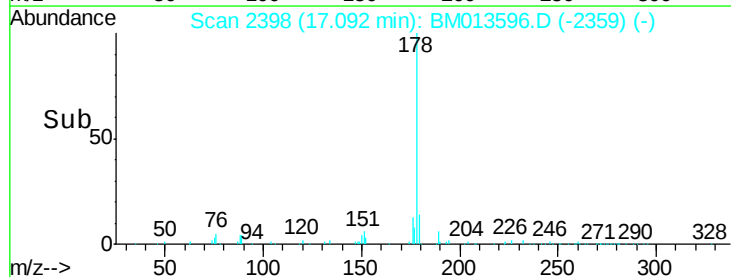
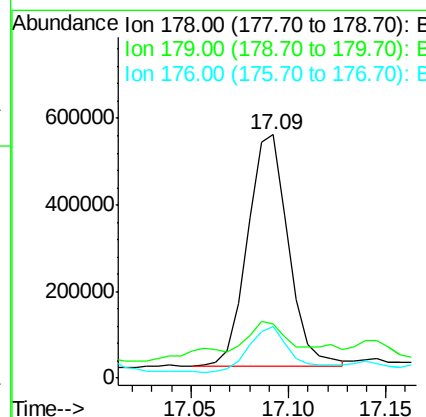
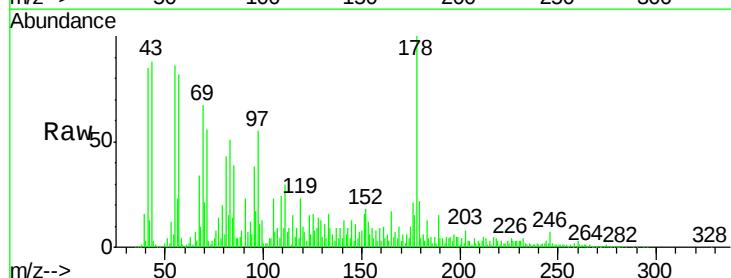
Instrument :
 BNA_M
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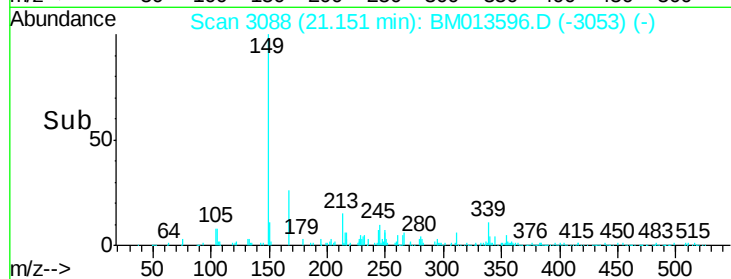
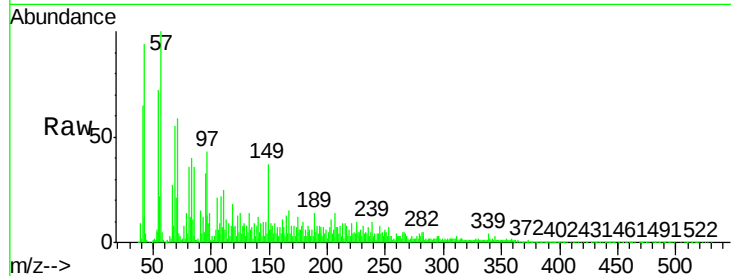
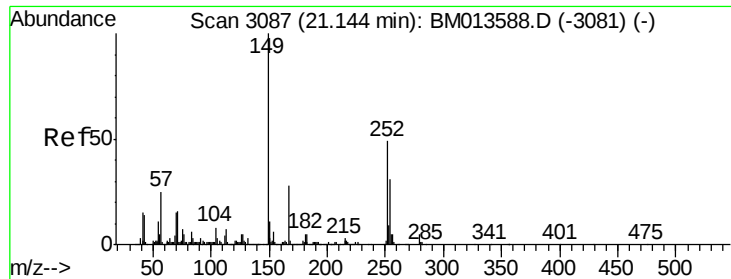
Tgt Ion:266 Resp:21979926
 Ion Ratio Lower Upper
 266 100
 264 73.2 49.3 73.9
 268 73.1 52.6 78.8



#69
 Phenanthrene
 Concen: 20.043 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. 0.03 min
 Lab File: BM013596.D
 Acq: 15 Jan 2018 21:42

Tgt Ion:178 Resp: 777439
 Ion Ratio Lower Upper
 178 100
 179 22.4 12.6 19.0#
 176 21.0 14.9 22.3





#81

Bis(2-ethylhexyl)phthalate

Concen: 6.366 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM013596.D

Acq: 15 Jan 2018 21:42

Instrument :

BNA_M

ClientSampleId :

DAJJ3

Tgt Ion:149 Resp: 145522

Ion Ratio Lower Upper

149 100

167 40.9 22.8 34.2#

279 9.7 4.9 7.3#

