

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008774.D
 Acq On : 21 Jan 2017 16:19
 Operator : UM/SJ
 Sample : I1323-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9P4

Quant Time: Jan 23 09:59:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 04:58:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	53109	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	218977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	207215	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	624953	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	849787	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	671967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	1794	1.56	ng/uL	0.01
5) Phenol-d5	7.10	99	28521	6.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	121322	40.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	75154	24.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	53789	15.89	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	49616	36.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	56197	38.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	106563	31.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	573	0.15	ng/ul	0.02
43) Dimethylphthalate-d6	13.99	166	495392	36.24	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	554959	34.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	14365	6.42	ng/ul	0.00
57) Fluorene-d10	15.57	176	497816	39.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	243992	75.74	ng/ul	0.00
70) Anthracene-d10	17.43	188	1004705	37.32	ng/ul	0.00
76) Pyrene-d10	19.71	212	1343006	35.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1046298	38.18	ng/ul	0.00

Target Compounds

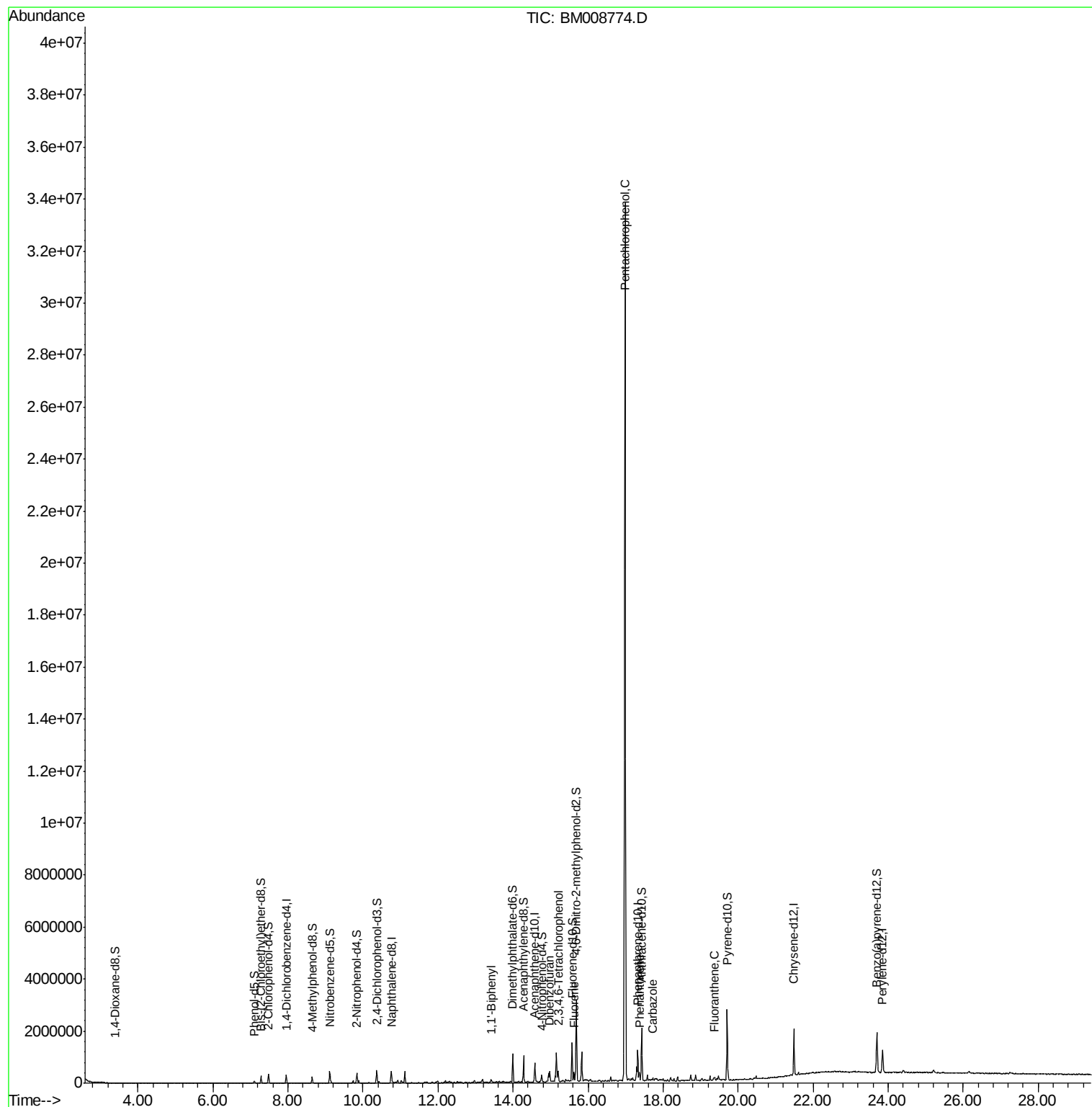
						Qvalue
40) 1,1'-Biphenyl	13.42	154	44803	3.45	ng/ul#	85
53) Dibenzofuran	14.98	168	184079	11.06	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.20	232	12997	3.40	ng/ul#	82
58) Fluorene	15.63	166	120299	8.82	ng/ul	99
68) Pentachlorophenol	16.99	266	5308913	1164.52	ng/ul	98
69) Phenanthrene	17.37	178	168263	5.59	ng/ul	99
72) Carbazole	17.73	167	55870	2.03	ng/ul	97
74) Fluoranthene	19.37	202	56874	1.47	ng/ul#	95

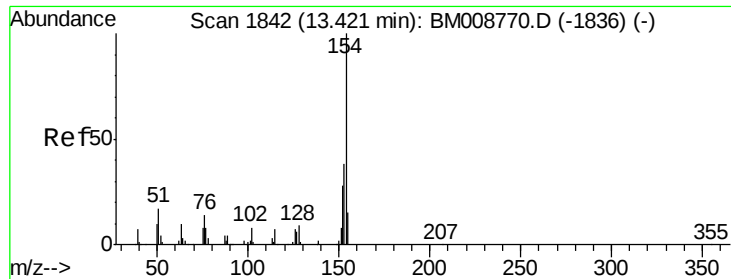
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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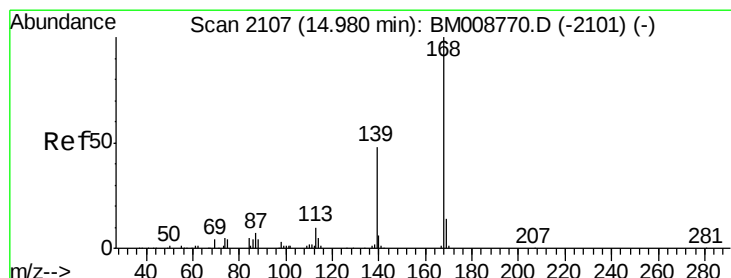
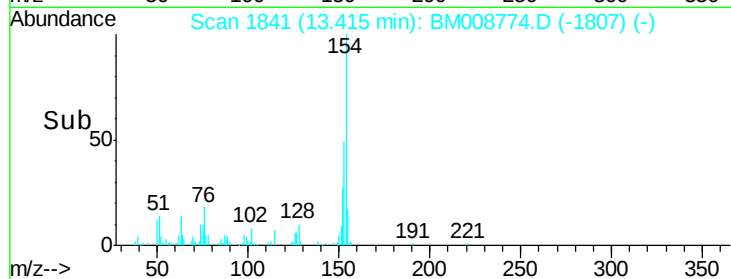
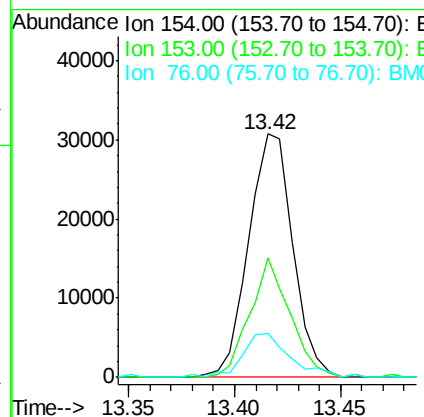
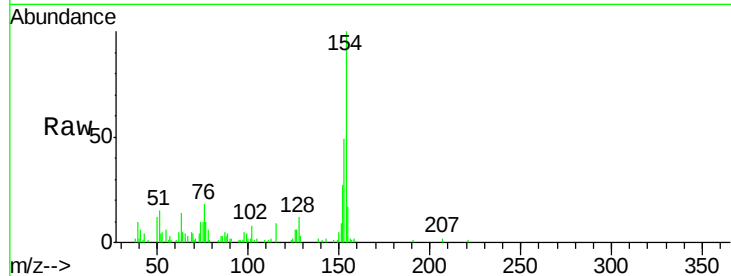




#40
 1,1'-Biphenyl
 Concen: 3.45 ng/ul
 RT: 13.42 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BM008774.D
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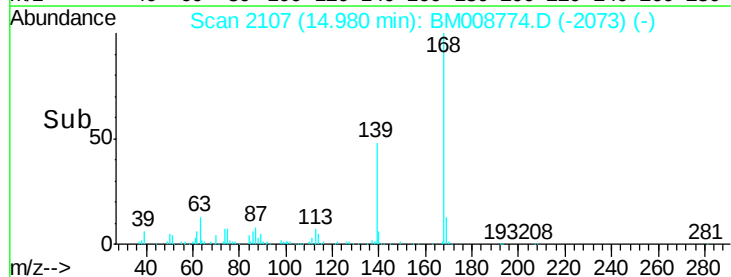
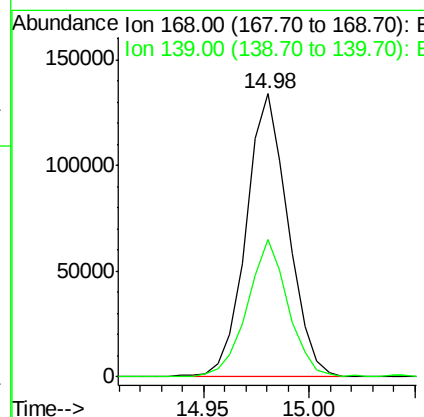
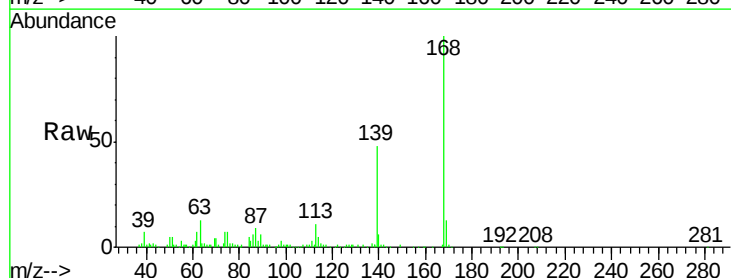
Instrument :
 BNA_M
 ClientSampleId :
 DA9P4

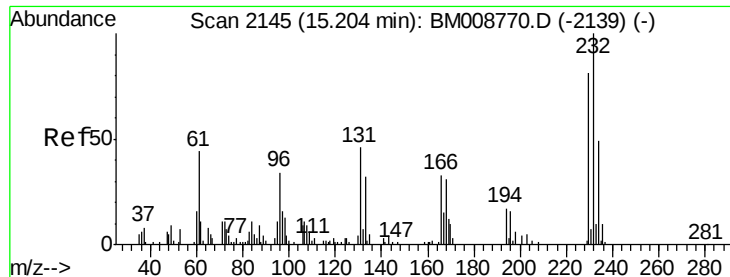
Tgt Ion:154 Resp: 44803
 Ion Ratio Lower Upper
 154 100
 153 49.2 32.2 48.4#
 76 18.2 9.8 14.6#



#53
 Dibenzofuran
 Concen: 11.06 ng/ul
 RT: 14.98 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM008774.D
 Acq: 21 Jan 2017 16:19

Tgt Ion:168 Resp: 184079
 Ion Ratio Lower Upper
 168 100
 139 48.5 30.3 45.5#

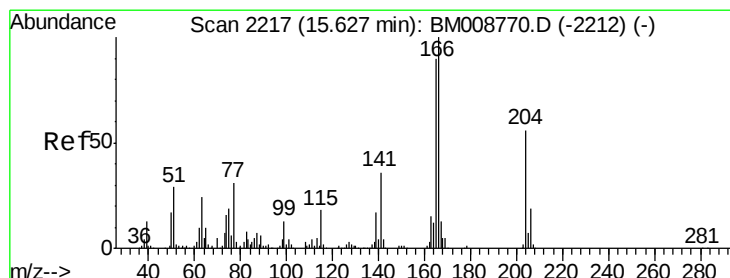
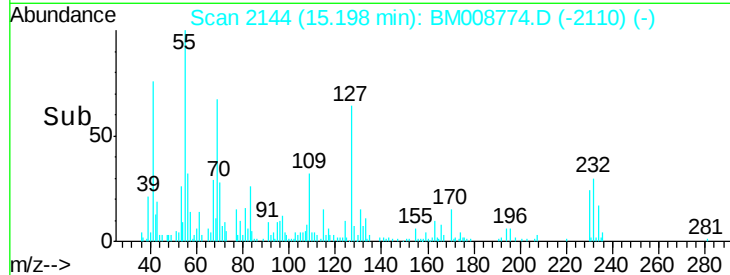
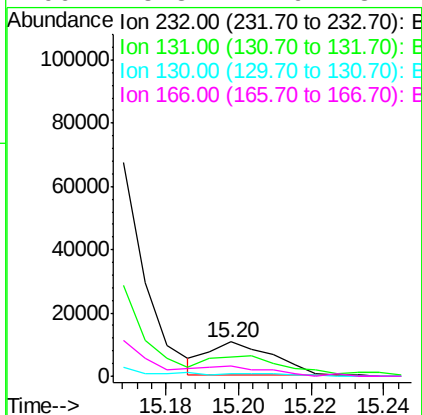
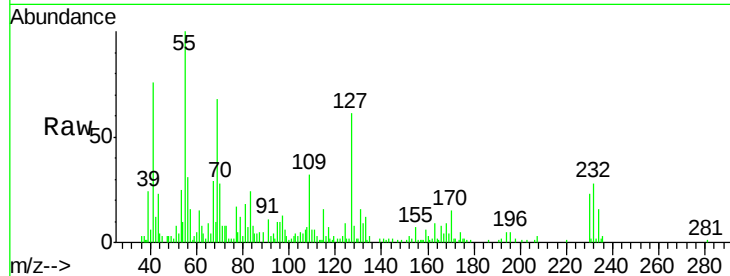




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 3.40 ng/ul
 RT: 15.20 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BM008774.D
 Acq: 21 Jan 2017 16:19

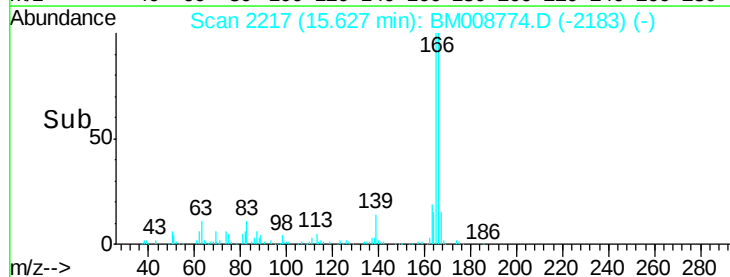
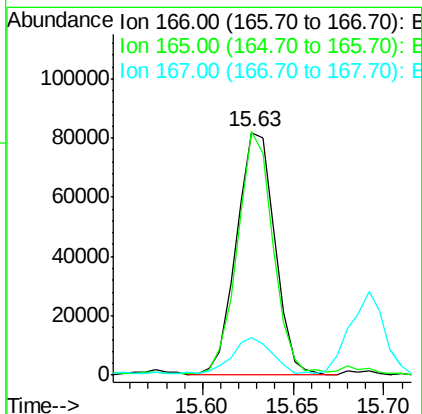
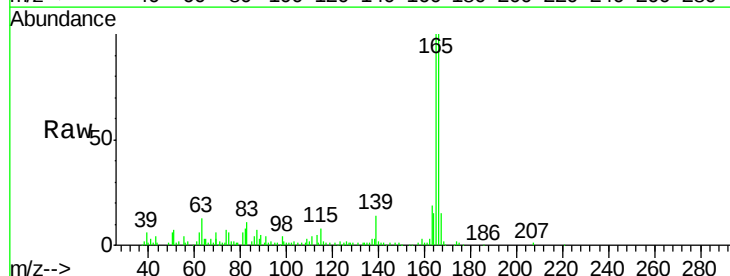
Instrument :
 BNA_M
 ClientSampleId :
 DA9P4

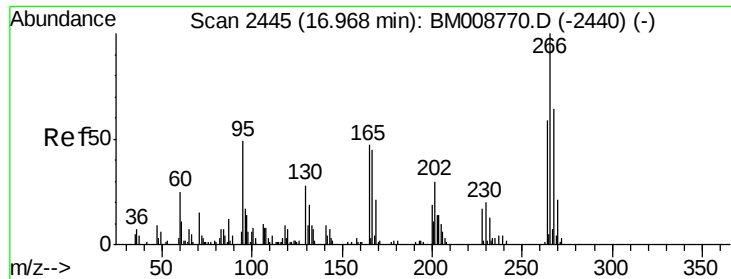
Tgt Ion:	232	Resp:	12997
Ion Ratio	Lower	Upper	
232	100		
131	57.1	31.8	47.8#
130	8.6	1.8	2.6#
166	28.3	21.6	32.4



#58
 Fluorene
 Concen: 8.82 ng/ul
 RT: 15.63 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BM008774.D
 Acq: 21 Jan 2017 16:19

Tgt Ion:	166	Resp:	120299
Ion Ratio	Lower	Upper	
166	100		
165	100.4	80.2	120.2
167	15.3	10.9	16.3

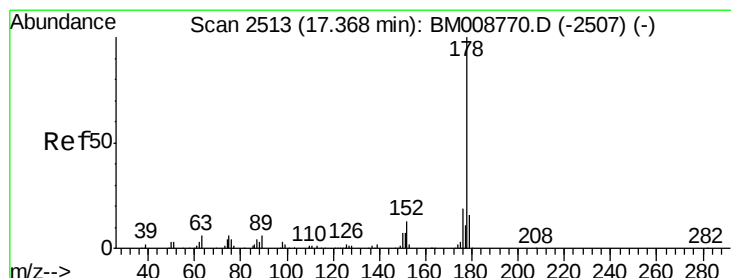
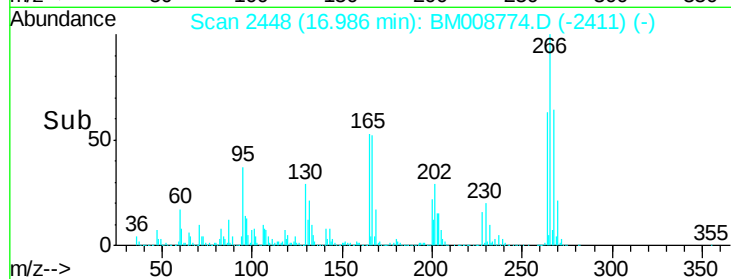
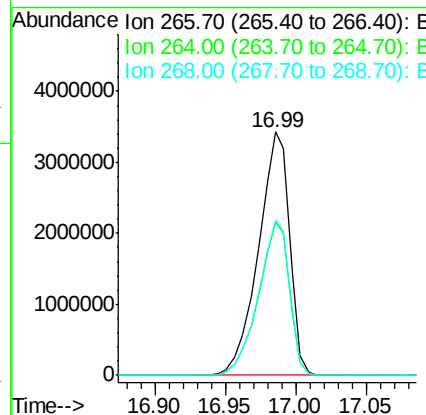
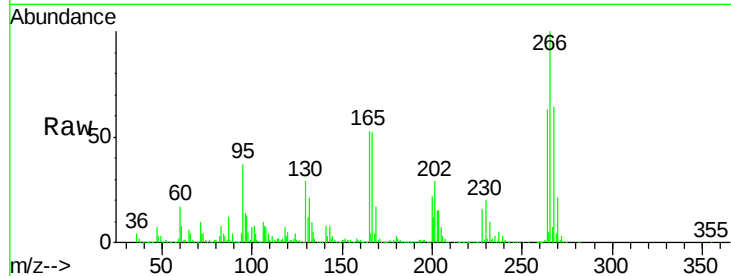




#68
 Pentachlorophenol
 Concen: 1164.52 ng/ul
 RT: 16.99 min Scan# 2448
 Delta R.T. 0.02 min
 Lab File: BM008774.D
 Acq: 21 Jan 2017 16:19

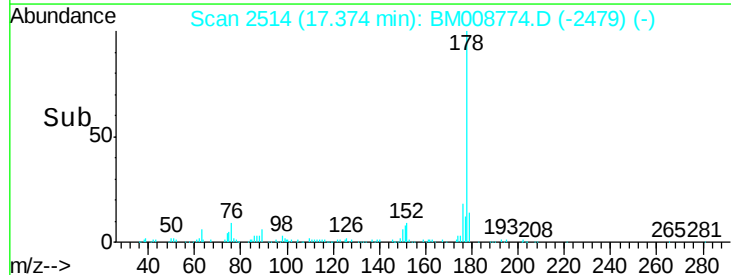
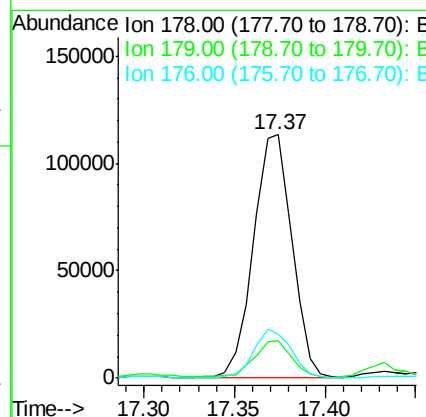
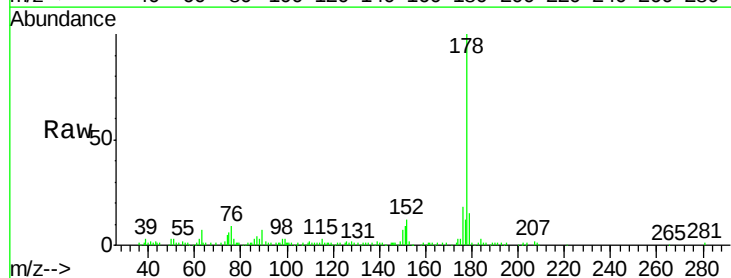
Instrument :
 BNA_M
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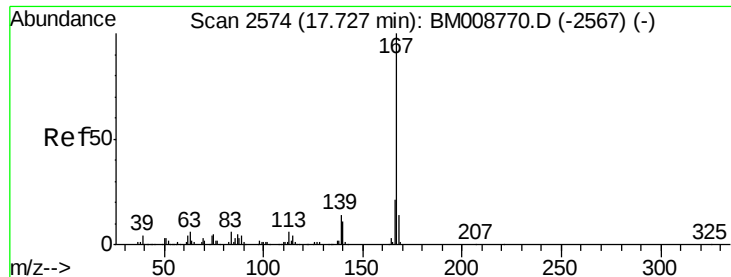
Tgt Ion: 266 Resp: 5308913
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.6 75.8
 268 63.8 49.1 73.7



#69
 Phenanthrene
 Concen: 5.59 ng/ul
 RT: 17.37 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BM008774.D
 Acq: 21 Jan 2017 16:19

Tgt Ion: 178 Resp: 168263
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.2 18.2
 176 17.9 14.7 22.1

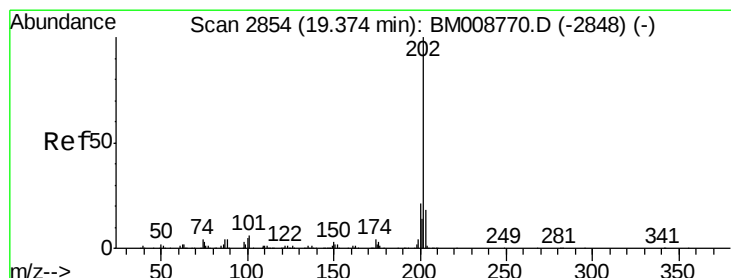
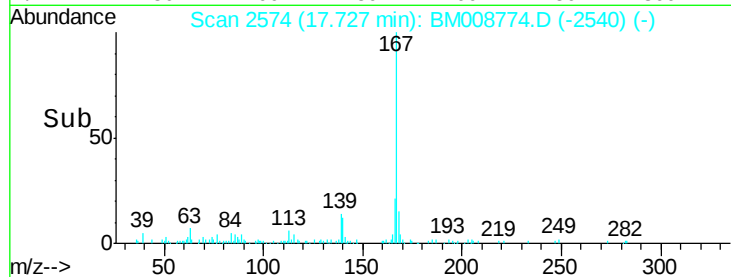
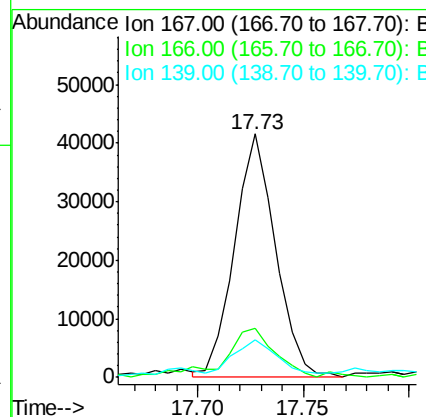
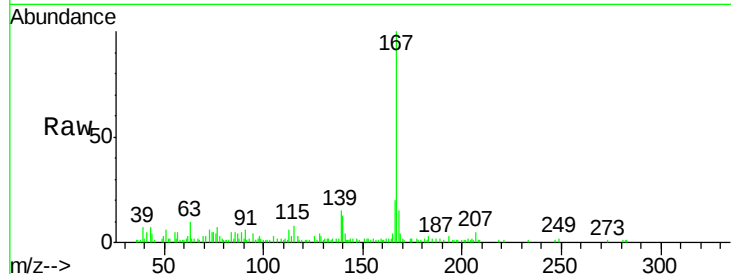




#72
 Carbazole
 Concen: 2.03 ng/ul
 RT: 17.73 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BM008774.D
 Acq: 21 Jan 2017 16:19

Instrument :
 BNA_M
 ClientSampled :
 DA9P4

Tgt Ion:167 Resp: 55870
 Ion Ratio Lower Upper
 167 100
 166 20.2 16.8 25.2
 139 15.3 10.4 15.6



#74
 Fluoranthene
 Concen: 1.47 ng/ul
 RT: 19.37 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BM008774.D
 Acq: 21 Jan 2017 16:19

Tgt Ion:202 Resp: 56874
 Ion Ratio Lower Upper
 202 100
 101 9.7 7.1 10.7
 100 4.0 5.4 8.0#

