

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012435.D
 Acq On : 25 Oct 2017 02:03
 Operator : SJ/JU
 Sample : I5978-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-9

Quant Time: Oct 25 04:18:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 25 00:51:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	610048	20.00	ng/ul	0.02
18) Naphthalene-d8	10.70	136	2306156	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.54	164	1211514	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.25	188	2556879	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2280197	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2040758	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	1625	0.14	ng/uL	-0.01
5) Phenol-d5	7.13	99	155304	3.05	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	7.24	67	726959	24.03	ng/ul	0.03
9) 2-Chlorophenol-d4	7.47	132	531573	13.93	ng/ul	0.05
13) 4-Methylphenol-d8	8.67	113	161970	3.72	ng/ul	0.09
19) Nitrobenzene-d5	9.06	128	427200	29.58	ng/ul	0.02
22) 2-Nitrophenol-d4	9.79	143	420991	28.29	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.40	165	368396	9.35	ng/ul	0.11
29) 4-Chloroaniline-d4	10.83	131	1087	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.96	166	2858576	27.01	ng/ul	0.04
46) Acenaphthylene-d8	14.24	160	3556352	28.41	ng/ul	0.04
51) 4-Nitrophenol-d4	14.72	143	156269	9.93	ng/ul	0.02
57) Fluorene-d10	15.52	176	2392957	26.71	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.62	200	83602	6.76	ng/ul	0.01
70) Anthracene-d10	17.35	188	3459406	28.39	ng/ul	0.00
76) Pyrene-d10	19.63	212	3564225	34.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2760891	28.48	ng/ul	0.00

Target Compounds

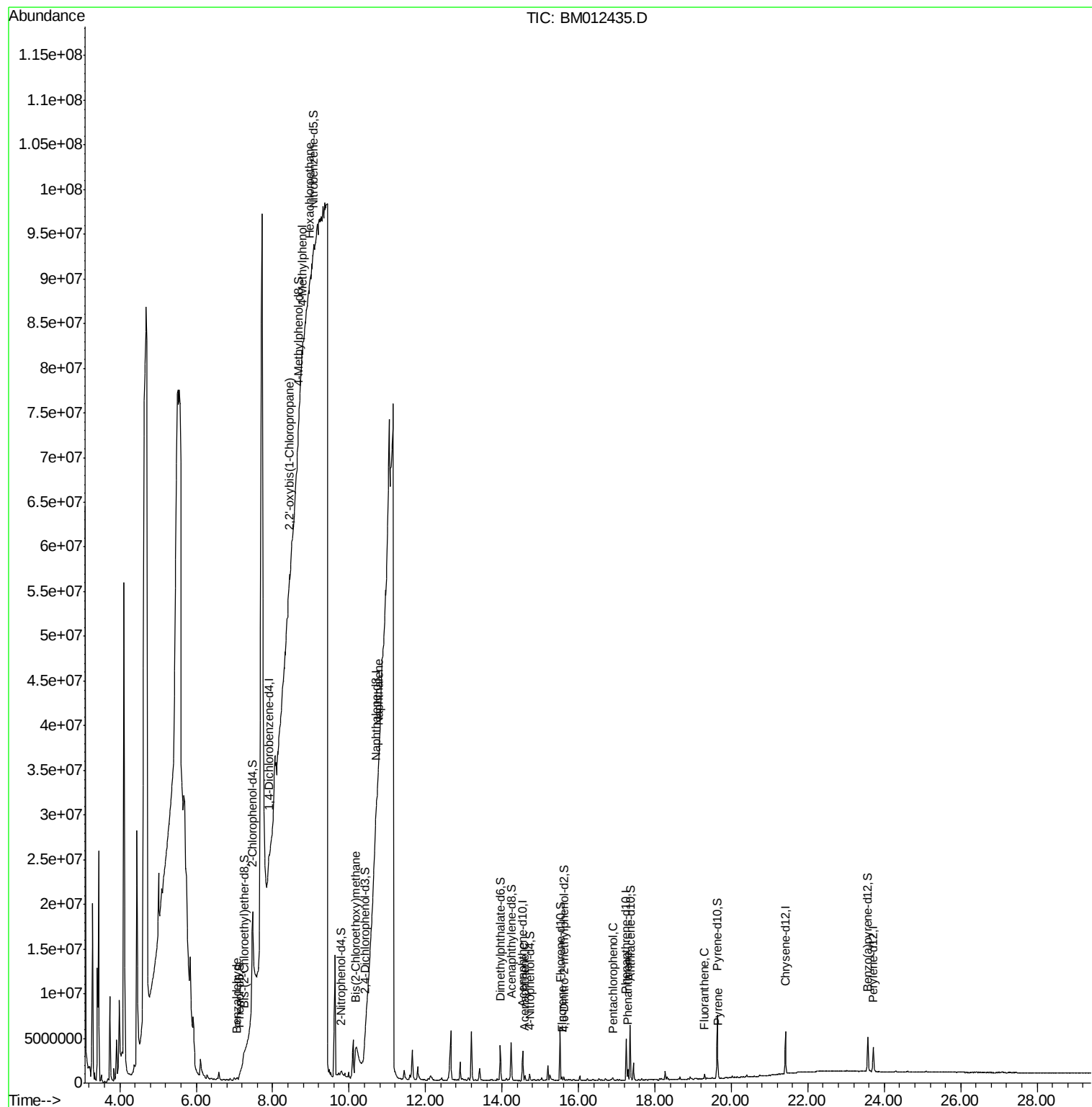
						Ovalue
4) Benzaldehyde	7.05	77	36211	1.31	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.44	45	196822	4.59	ng/ul#	75
16) 4-Methylphenol	8.76	108	2439061	55.70	ng/ul	82
17) Hexachloroethane	8.96	117	19361	1.17	ng/ul#	1
25) Bis(2-Chloroethoxy)methane	10.17	93	146411	2.96	ng/ul#	1
28) Naphthalene	10.76	128	387412	3.39	ng/ul#	1
49) Acenaphthene	14.60	153	281386	3.44	ng/ul	97
58) Fluorene	15.57	166	197445	1.93	ng/ul	98
68) Pentachlorophenol	16.90	266	34670	1.87	ng/ul	90
69) Phenanthrene	17.29	178	729702	5.28	ng/ul	99
74) Fluoranthene	19.30	202	332893	2.12	ng/ul#	92
77) Pyrene	19.66	202	339896	2.62	ng/ul#	93

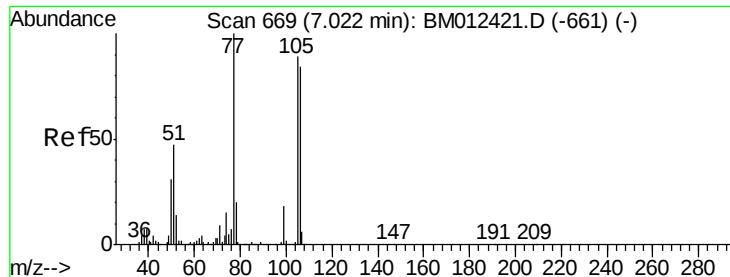
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-9

Quant Time: Oct 25 04:18:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 25 00:51:00 2017
Response via : Initial Calibration





#4

Benzaldehyd

Concen: 1.31 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.03 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

Instrument :

BNA_M

ClientSampleId :

TWP-B-9

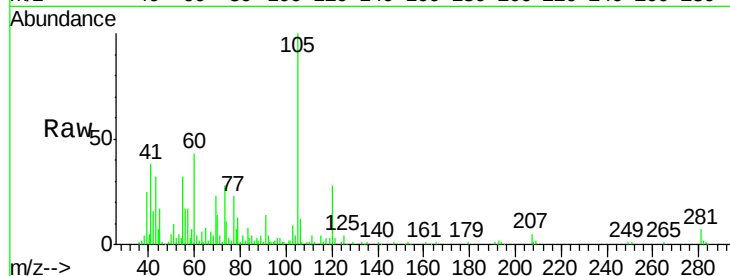
Tot Ion: 77 Resp: 36211

Ion Ratio Lower Upper

77 100

105 436.7 66.1 99.1#

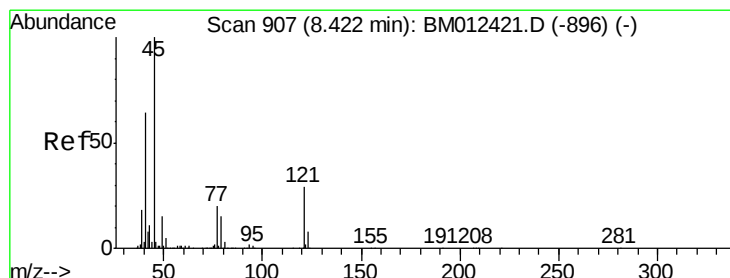
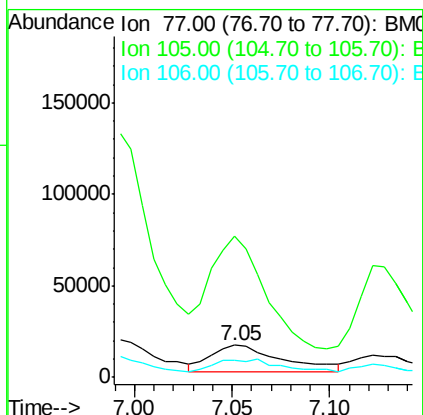
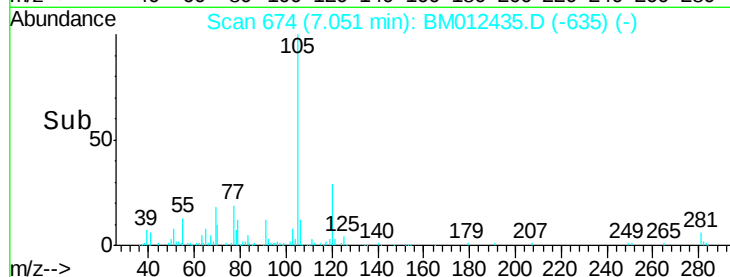
106 51.6 67.8 101.6#



Abundance Ion 77.00 (76.70 to 77.70): BM012435.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM012435.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM012435.D (-635) (-)



#12

2,2'-oxybis(1-Chloropropane)

Concen: 4.59 ng/ul

RT: 8.44 min Scan# 910

Delta R.T. 0.02 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

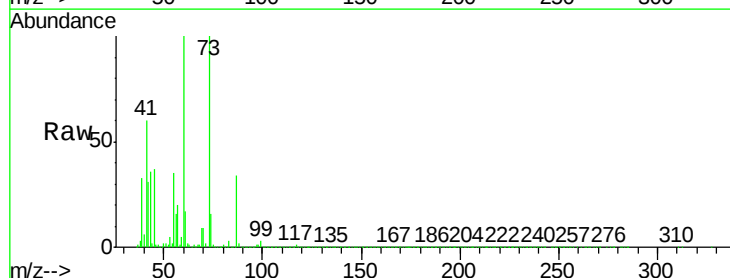
Tgt Ion: 45 Resp: 196822

Ion Ratio Lower Upper

45 100

77 0.7 8.0 12.0#

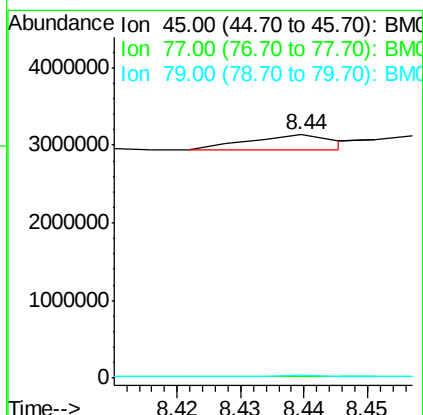
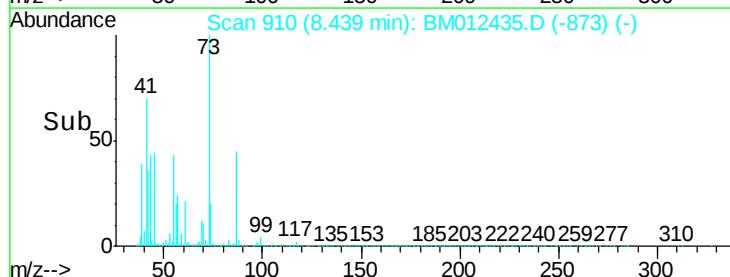
79 1.0 8.0 12.0#

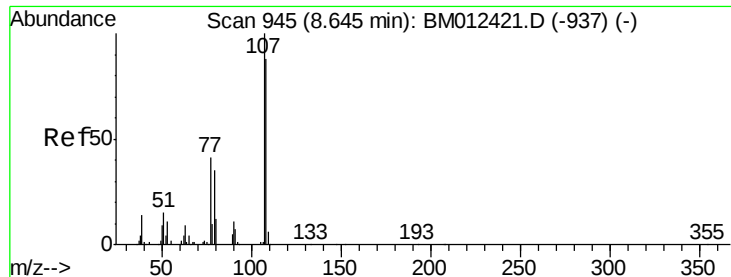


Abundance Ion 45.00 (44.70 to 45.70): BM012435.D (-873) (-)

Ion 77.00 (76.70 to 77.70): BM012435.D (-873) (-)

Ion 79.00 (78.70 to 79.70): BM012435.D (-873) (-)

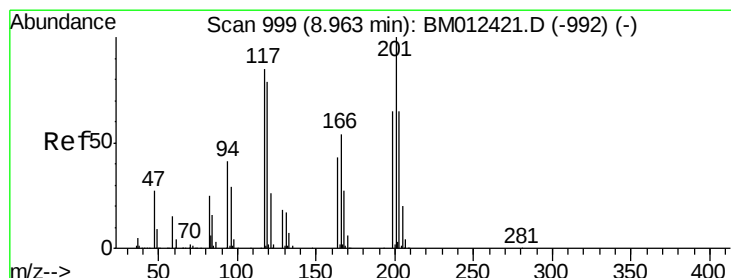
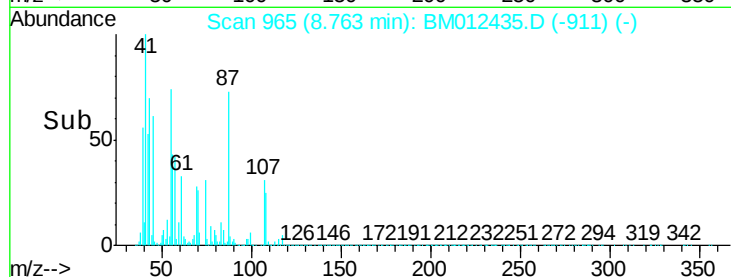
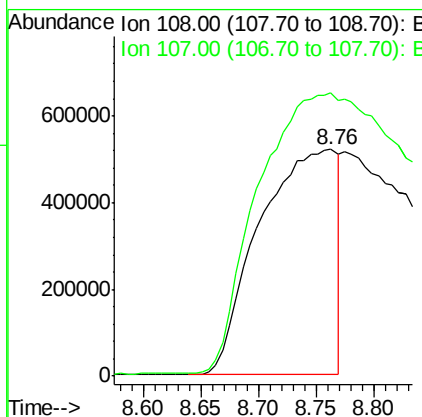
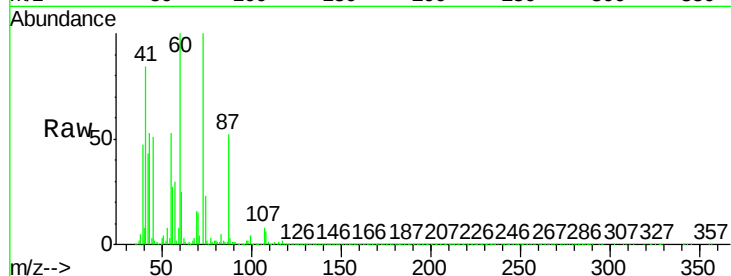




#16
4-Methylphenol
Concen: 55.70 ng/ul
RT: 8.76 min Scan# 965
Delta R.T. 0.12 min
Lab File: BM012435.D
Acq: 25 Oct 2017 02:03

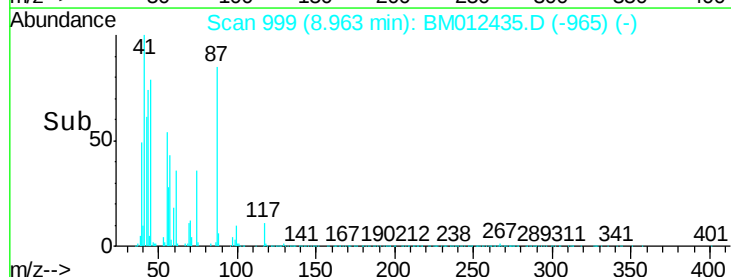
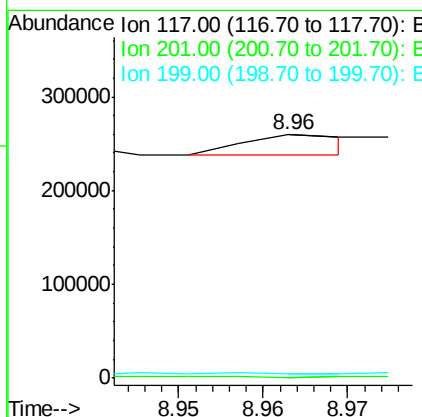
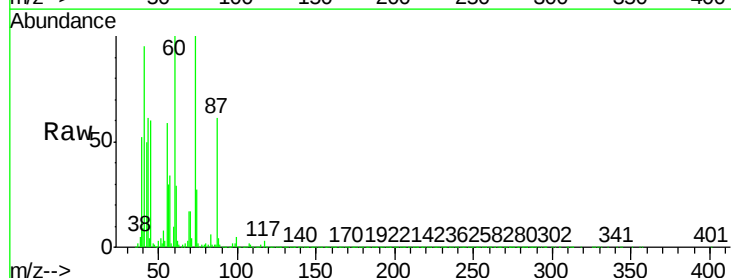
Instrument :
BNA_M
ClientSampleId :
TWP-B-9

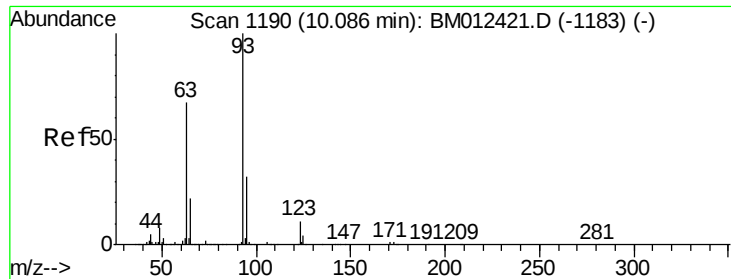
Tot Ion:108 Resp: 2439061
Ion Ratio Lower Upper
108 100
107 124.7 84.9 127.3



#17
Hexachloroethane
Concen: 1.17 ng/ul
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BM012435.D
Acq: 25 Oct 2017 02:03

Tgt Ion:117 Resp: 19361
Ion Ratio Lower Upper
117 100
201 0.4 111.6 167.4#
199 1.8 67.8 101.6#

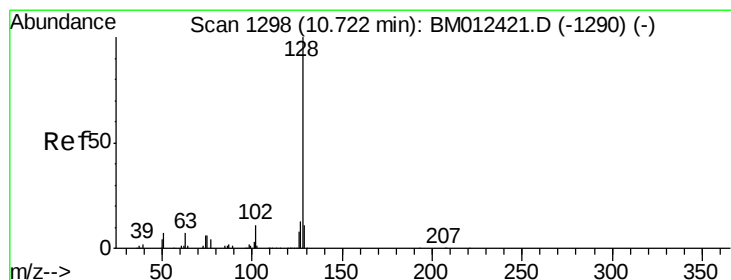
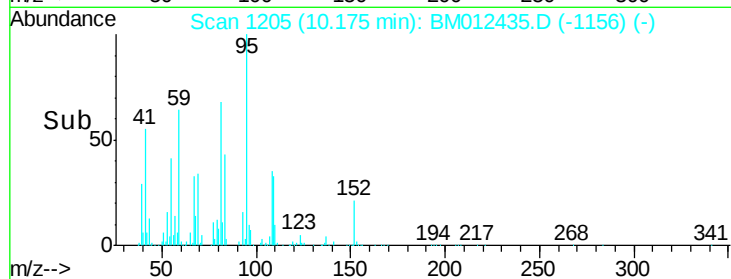
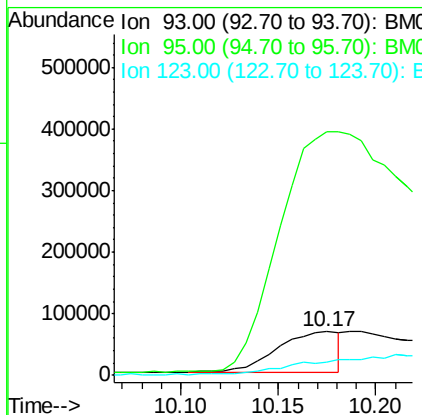
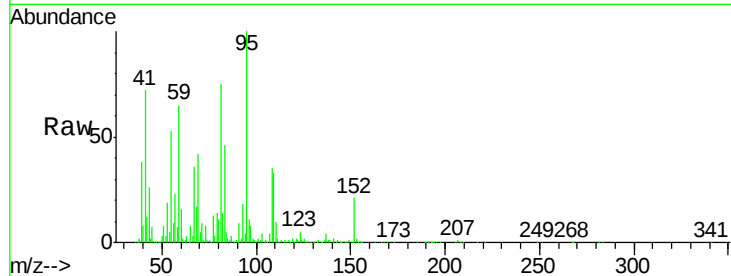




#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.96 ng/ul
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.09 min
 Lab File: BM012435.D
 Acq: 25 Oct 2017 02:03

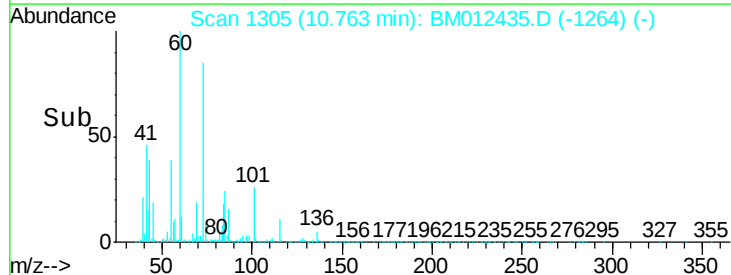
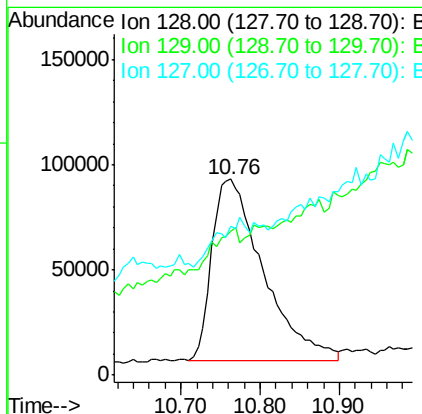
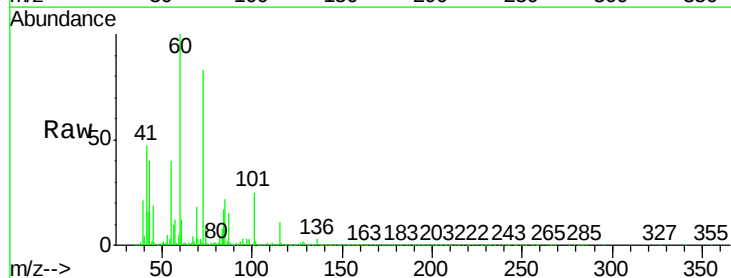
Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-9

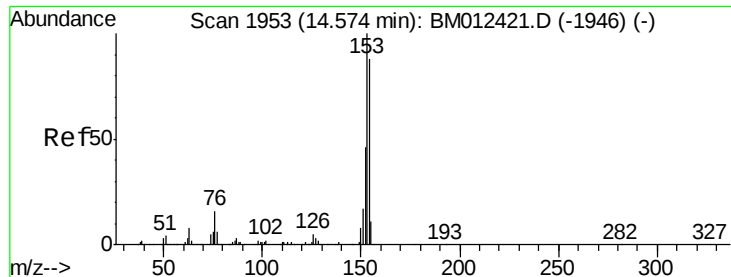
Tot Ion: 93 Resp: 146411
 Ion Ratio Lower Upper
 93 100
 95 554.7 28.5 42.7#
 123 29.8 8.9 13.3#



#28
 Naphthalene
 Concen: 3.39 ng/ul
 RT: 10.76 min Scan# 1305
 Delta R.T. 0.04 min
 Lab File: BM012435.D
 Acq: 25 Oct 2017 02:03

Tgt Ion: 128 Resp: 387412
 Ion Ratio Lower Upper
 128 100
 129 73.6 8.8 13.2#
 127 76.1 10.6 16.0#





#49

Acenaphthene

Concen: 3.44 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

Instrument :

BNA_M

ClientSampleId :

TWP-B-9

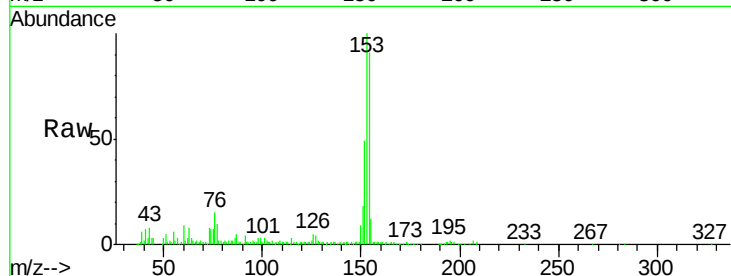
Tot Ion:153 Resp: 281386

Ion Ratio Lower Upper

153 100

152 49.0 37.6 56.4

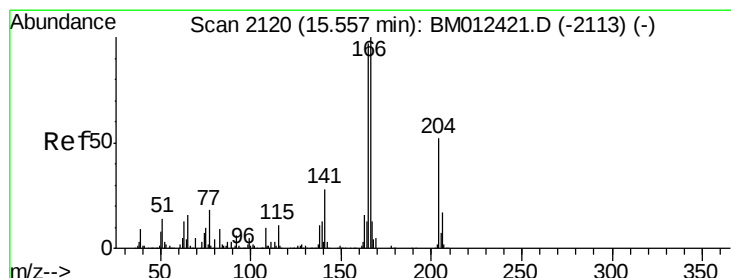
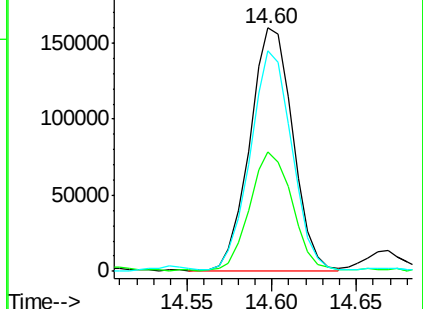
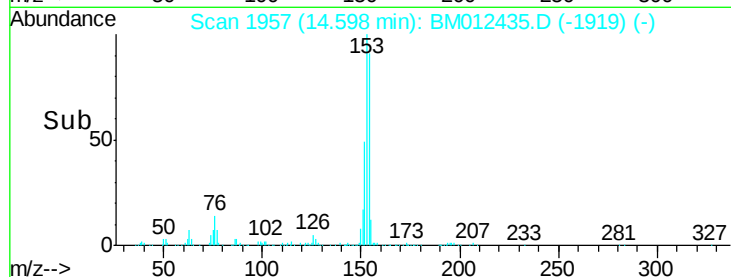
154 90.7 70.4 105.6



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



#58

Fluorene

Concen: 1.93 ng/ul

RT: 15.57 min Scan# 2123

Delta R.T. 0.02 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

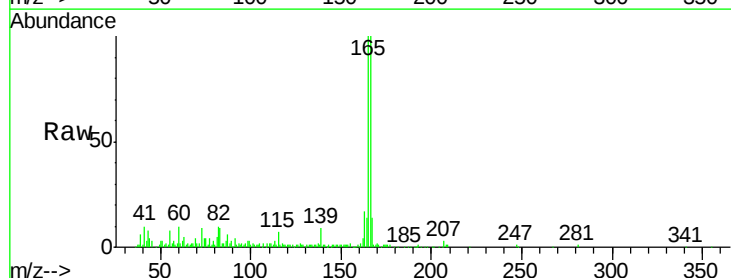
Tgt Ion:166 Resp: 197445

Ion Ratio Lower Upper

166 100

165 99.9 77.9 116.9

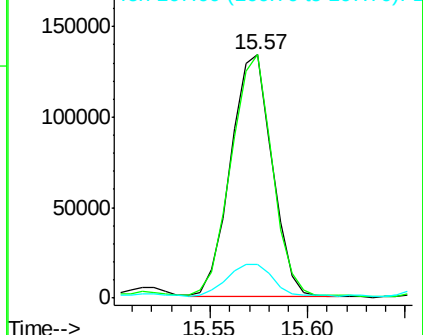
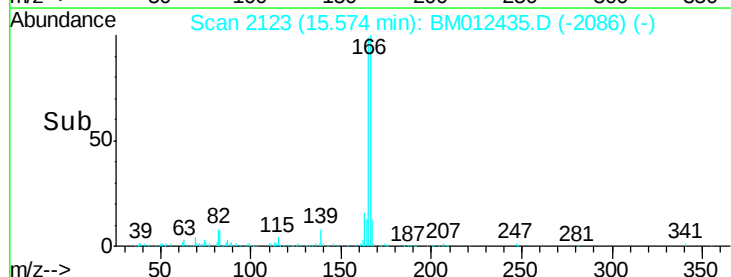
167 14.0 10.6 16.0

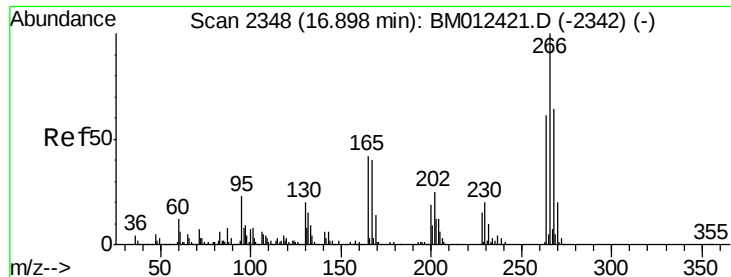


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

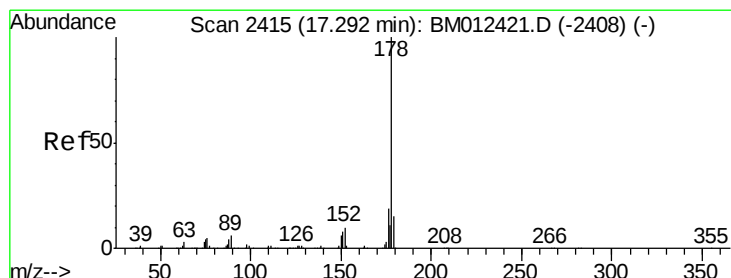
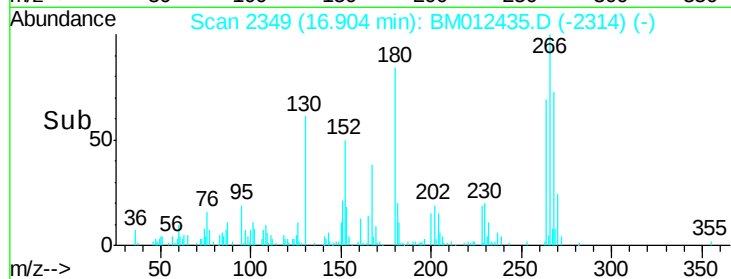
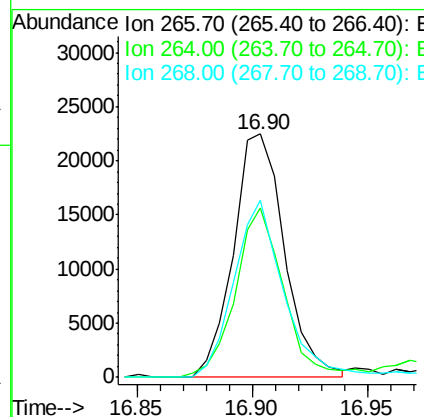
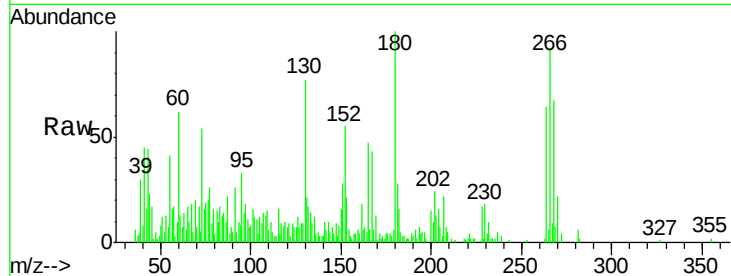




#68
 Pentachlorophenol
 Concen: 1.87 ng/ul
 RT: 16.90 min Scan# 2349
 Delta R.T. 0.01 min
 Lab File: BM012435.D
 Acq: 25 Oct 2017 02:03

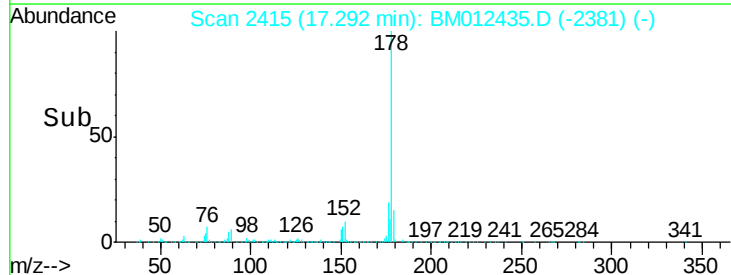
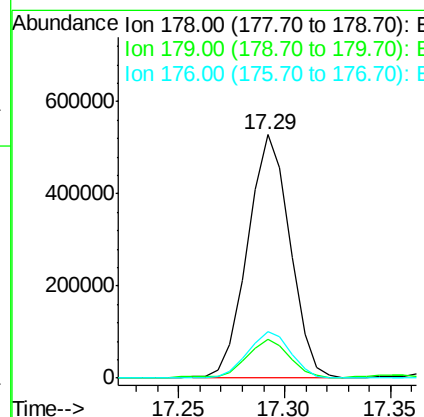
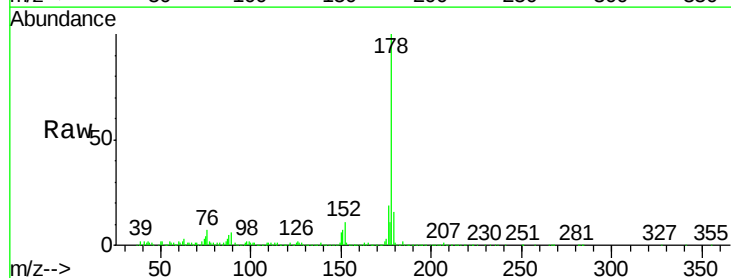
Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-9

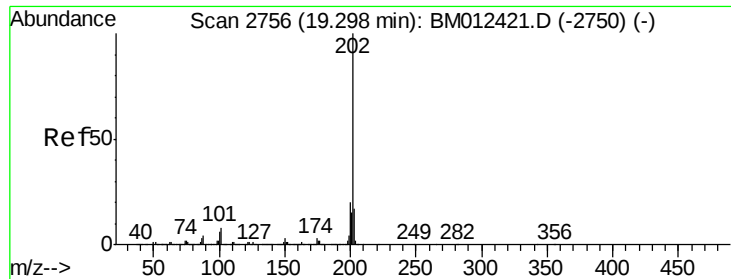
Tot Ion:266 Resp: 34670
 Ion Ratio Lower Upper
 266 100
 264 69.4 49.3 73.9
 268 72.9 52.6 78.8



#69
 Phenanthrene
 Concen: 5.28 ng/ul
 RT: 17.29 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BM012435.D
 Acq: 25 Oct 2017 02:03

Tgt Ion:178 Resp: 729702
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 19.0
 176 19.1 14.9 22.3





#74

Fluoranthene

Concen: 2.12 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

Instrument :

BNA_M

ClientSampleId :

TWP-B-9

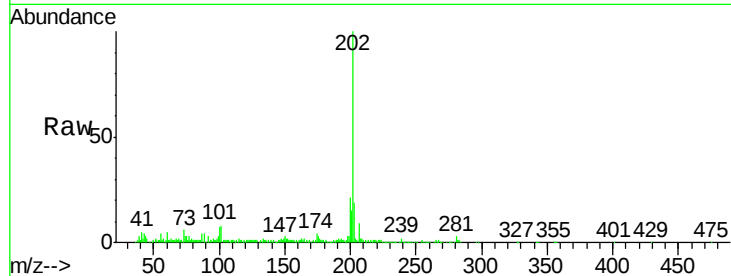
Tot Ion:202 Resp: 332893

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

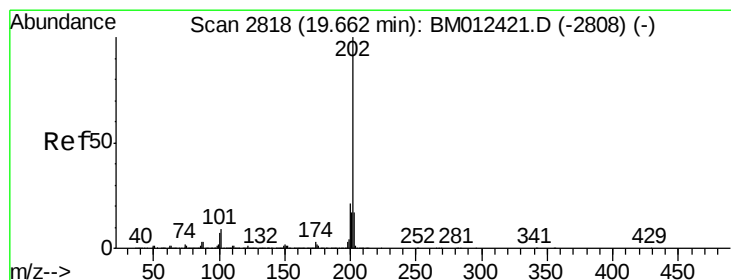
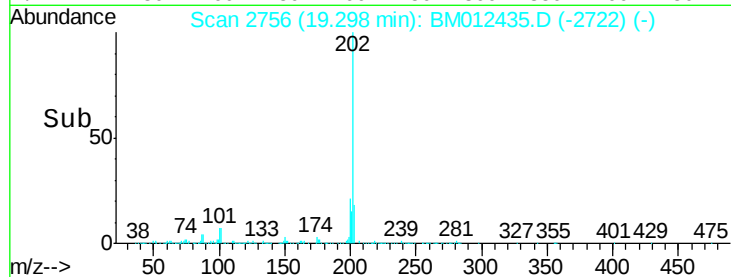
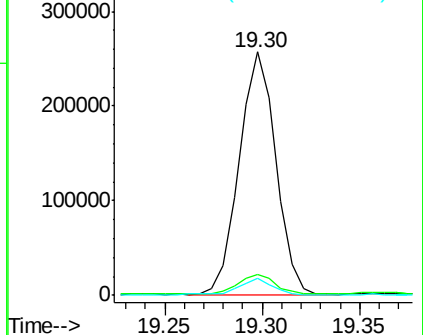
100 6.8 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 2.62 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

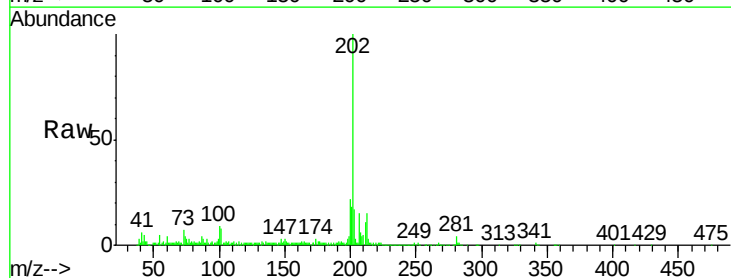
Tgt Ion:202 Resp: 339896

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

100 8.7 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

