

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012318\
 Data File : BM013755.D
 Acq On : 24 Jan 2018 06:24
 Operator : SJ/JU
 Sample : J1222-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

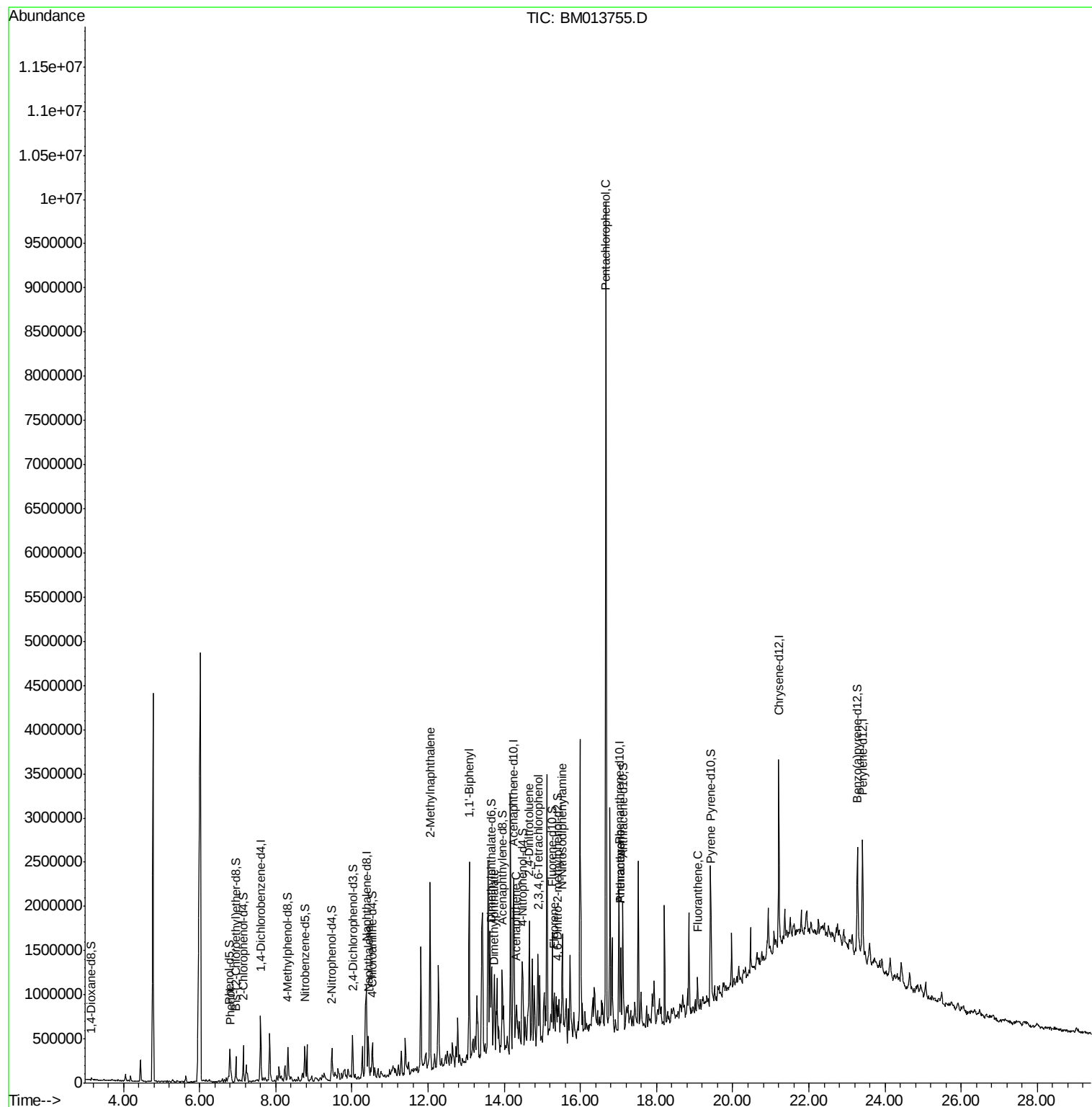
Quant Time: Jan 24 06:57:07 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 06:09:06 2018
 Response via : Initial Calibration

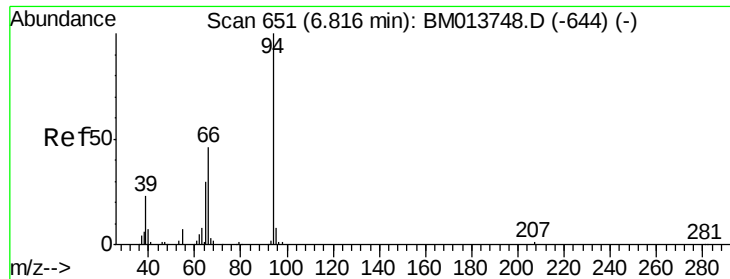
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	184753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	712853	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	414849	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	894779	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	938704	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	952757	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	9898	2.12	ng/uL	0.00
5) Phenol-d5	6.79	99	189002	13.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	117096	13.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	165639	14.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	137802	12.64	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	83842	15.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	93129	15.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	167993	14.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	102853	10.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	513815	15.03	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	633625	14.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	69263	12.47	ng/ul	0.00
57) Fluorene-d10	15.26	176	441048	14.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	47410	8.80	ng/ul	0.00
70) Anthracene-d10	17.11	188	701026	16.08	ng/ul	0.00
76) Pyrene-d10	19.42	212	763846	17.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	728923	16.65	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.82	94	48398	3.402	ng/ul	91
28) Naphthalene	10.43	128	309722	8.733	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	946762	35.807	ng/ul	95
40) 1,1'-Biphenyl	13.08	154	75530	2.187	ng/ul#	97
44) Dimethylphthalate	13.72	163	93275	2.775	ng/ul	98
49) Acenaphthene	14.32	153	114648	4.150	ng/ul	96
54) 2,4-Dinitrotoluene	14.66	165	23675	2.493	ng/ul#	1
55) 2,3,4,6-Tetrachlorophenol	14.89	232	107497	12.344	ng/ul#	89
58) Fluorene	15.31	166	133224	3.913	ng/ul#	97
64) N-Nitrosodiphenylamine	15.53	169	100895	3.834	ng/ul#	46
68) Pentachlorophenol	16.67	266	1540359	254.815	ng/ul	99
69) Phenanthrene	17.06	178	515148	10.357	ng/ul	97
71) Anthracene	17.06	178	515148	10.042	ng/ul	97
74) Fluoranthene	19.07	202	178045	2.999	ng/ul#	91
77) Pyrene	19.44	202	156219	2.737	ng/ul#	93

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

Instrument :
BNA_M
ClientSampleId :

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 24 06:09:06 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.402 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Instrument :

BNA_M

ClientSampleId :

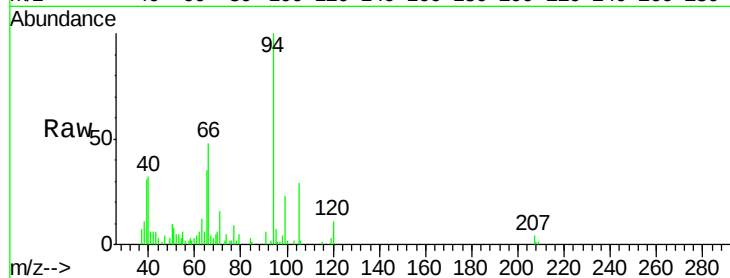
Tot Ion: 94 Resp: 48398

Ion Ratio Lower Upper

94 100

65 35.0 28.2 42.4

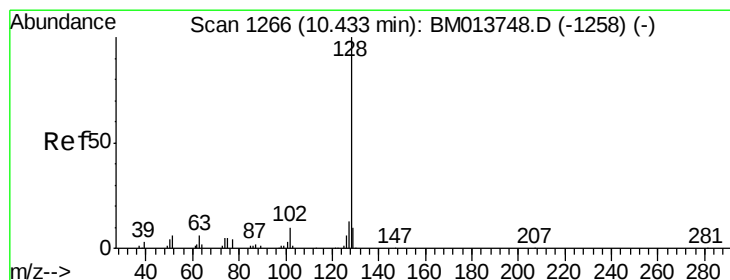
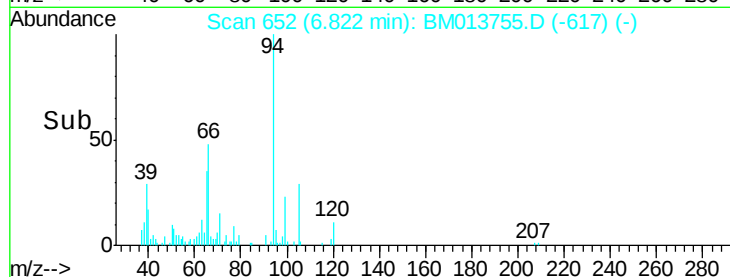
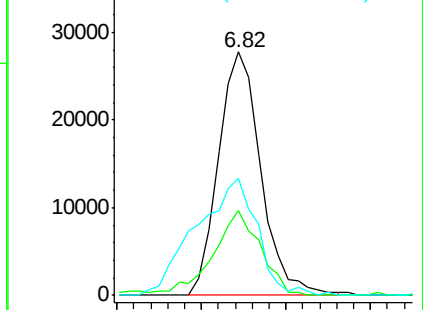
66 48.3 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013748.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013748.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013748.D (-644) (-)



#28

Naphthalene

Concen: 8.733 ng/ul

RT: 10.43 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

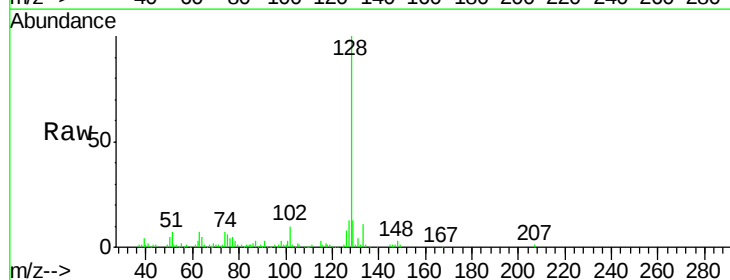
Tgt Ion: 128 Resp: 309722

Ion Ratio Lower Upper

128 100

129 12.8 8.8 13.2

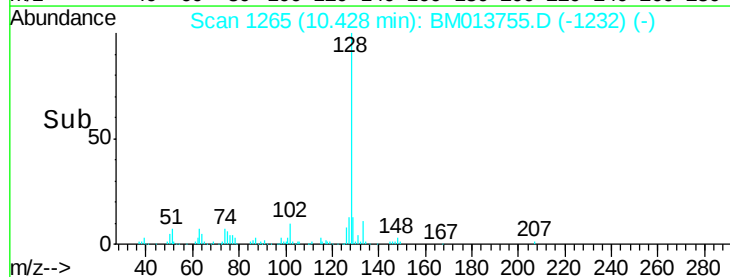
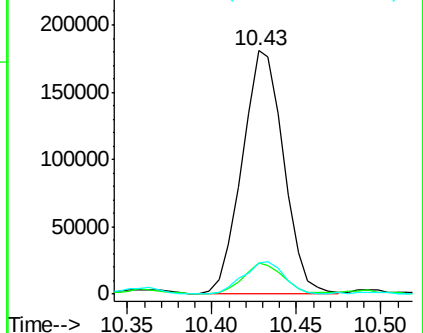
127 13.0 10.6 16.0

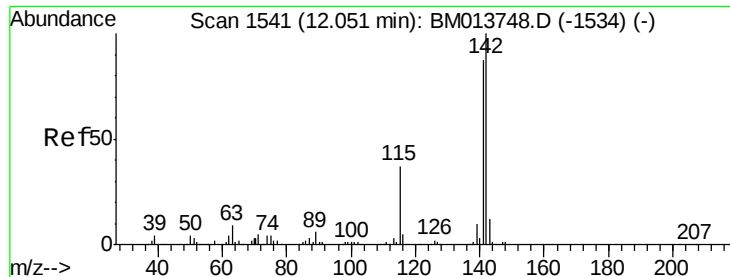


Abundance Ion 128.00 (127.70 to 128.70): BM013748.D (-1258) (-)

Ion 129.00 (128.70 to 129.70): BM013748.D (-1258) (-)

Ion 127.00 (126.70 to 127.70): BM013748.D (-1258) (-)

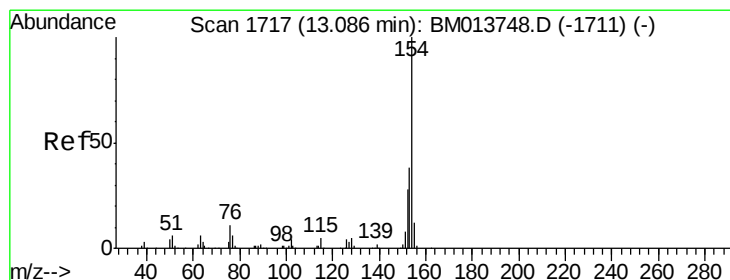
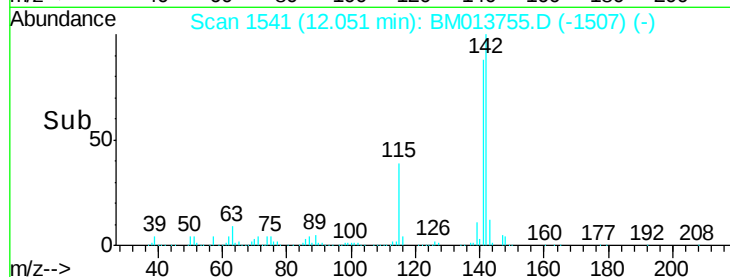
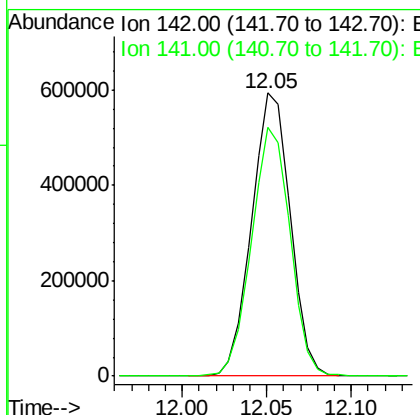
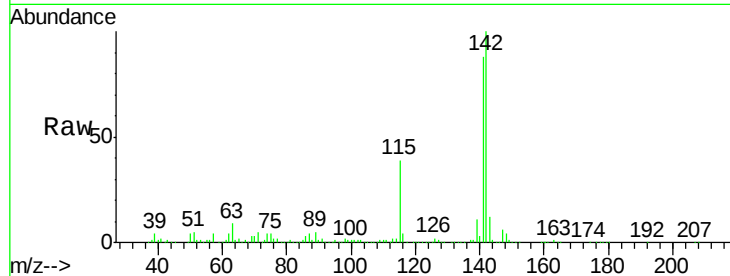




#34
 2-Methylnaphthalene
 Concen: 35.807 ng/ul
 RT: 12.05 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

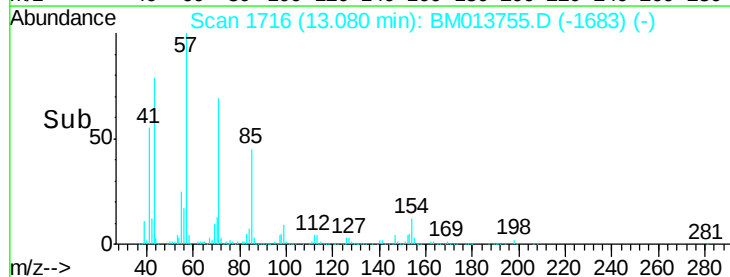
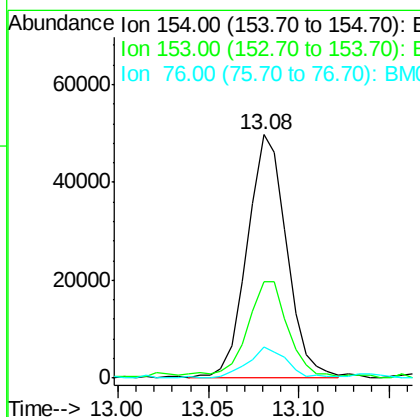
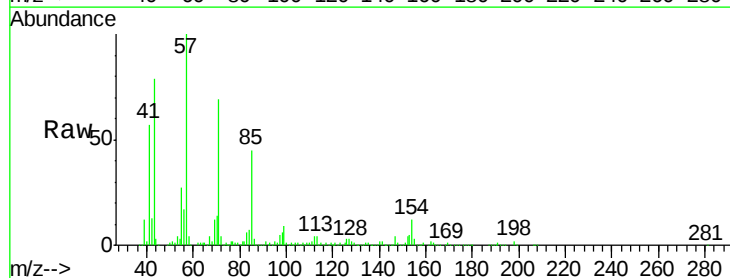
Instrument :
 BNA_M
 ClientSampleId :

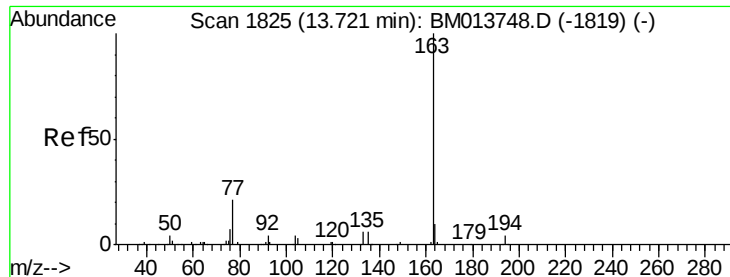
Tot Ion:142 Resp: 946762
 Ion Ratio Lower Upper
 142 100
 141 88.0 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 2.187 ng/ul
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Tgt Ion:154 Resp: 75530
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.6 48.8
 76 13.0 8.5 12.7#

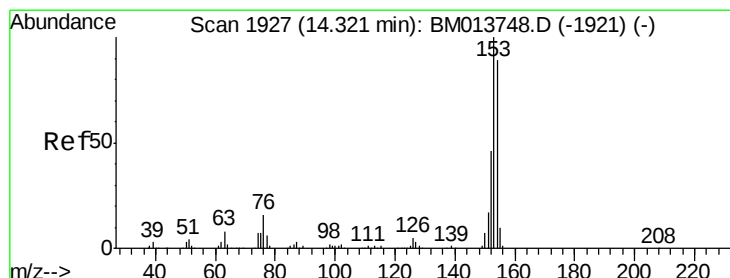
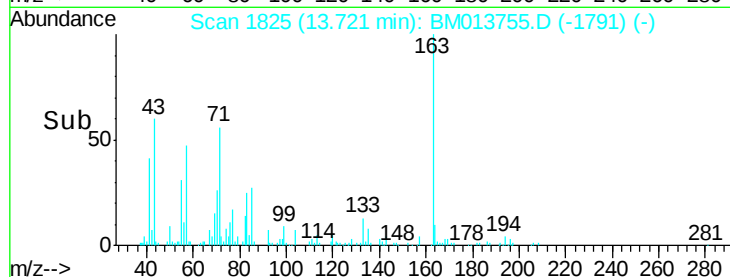
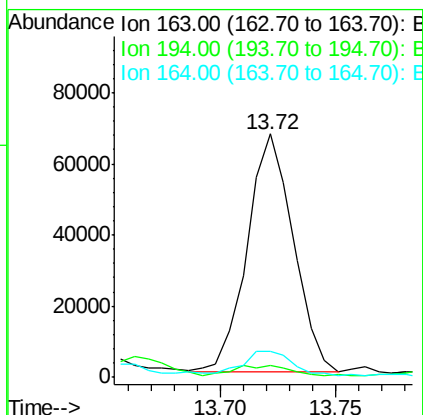
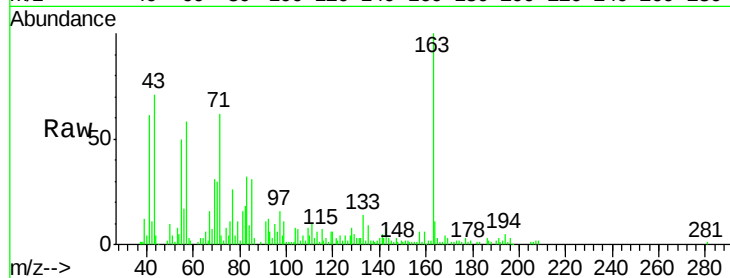




#44
Dimethylphthalate
Concen: 2.775 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BM013755.D
Acq: 24 Jan 2018 06:24

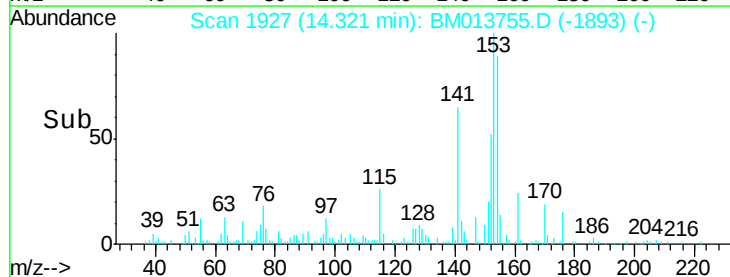
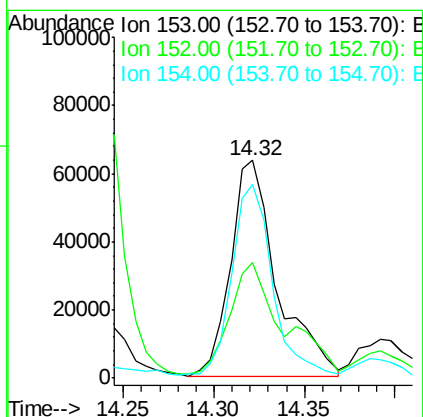
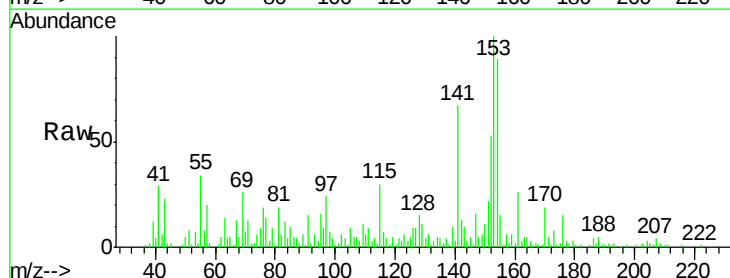
Instrument :
BNA_M
ClientSampleId :

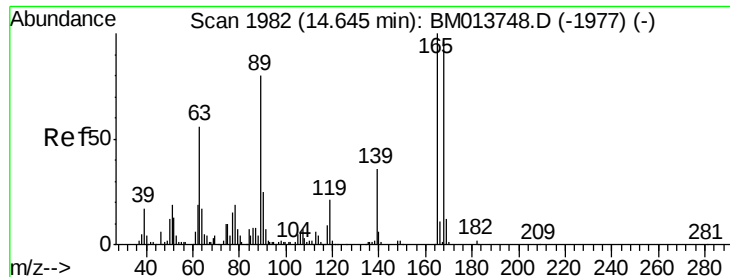
Tot Ion:163 Resp: 93275
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 10.9 8.2 12.4



#49
Acenaphthene
Concen: 4.150 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM013755.D
Acq: 24 Jan 2018 06:24

Tgt Ion:153 Resp: 114648
Ion Ratio Lower Upper
153 100
152 53.0 37.6 56.4
154 89.1 70.4 105.6

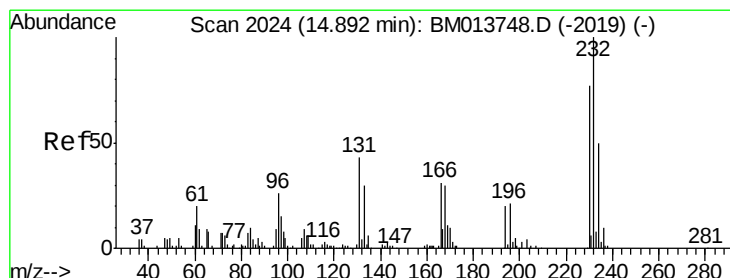
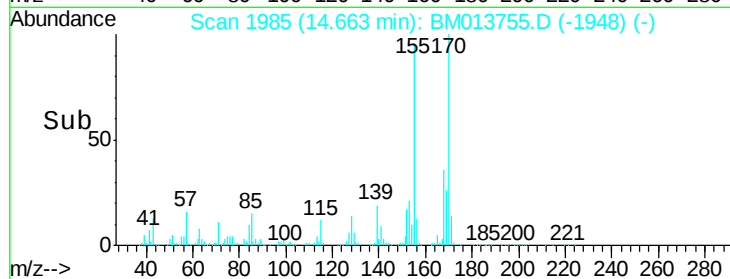
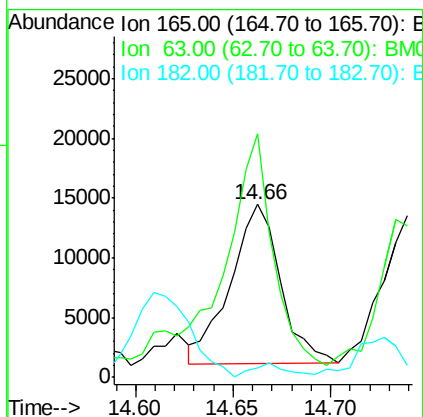
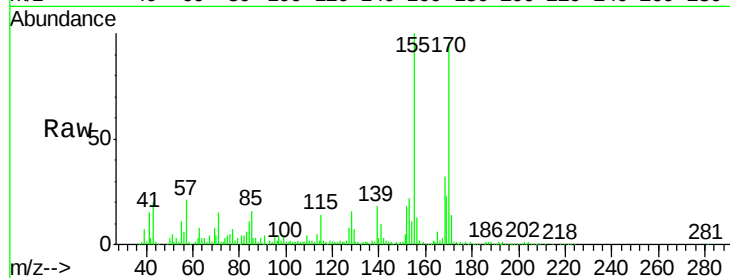




#54
 2,4-Dinitrotoluene
 Concen: 2.493 ng/ul
 RT: 14.66 min Scan# 1985
 Delta R.T. 0.02 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

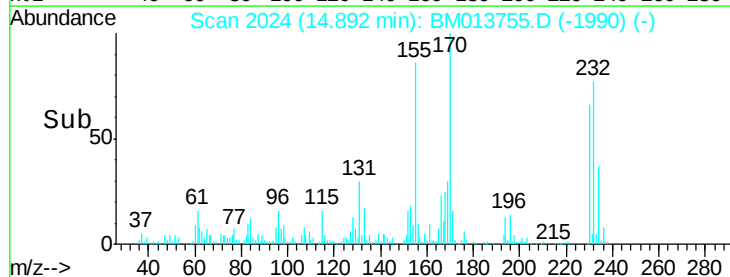
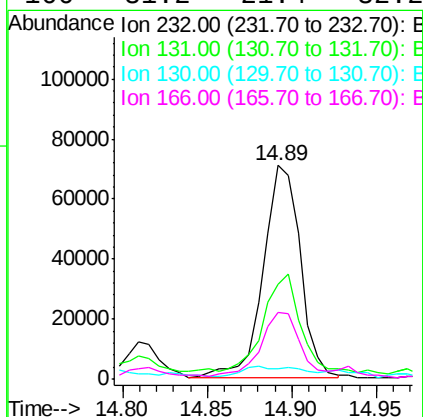
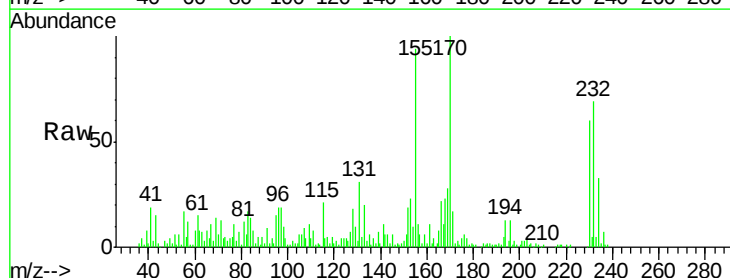
Instrument :
 BNA_M
 ClientSampleId :

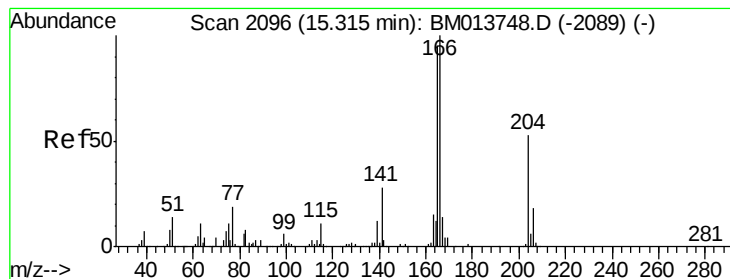
Tot Ion:165 Resp: 23675
 Ion Ratio Lower Upper
 165 100
 63 140.7 45.8 68.8#
 182 5.5 2.6 4.0#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 12.344 ng/ul
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Tgt Ion:232 Resp: 107497
 Ion Ratio Lower Upper
 232 100
 131 44.1 29.0 43.4#
 130 4.9 2.0 3.0#
 166 31.2 21.4 32.2





#58

Fluorene

Concen: 3.913 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Instrument :

BNA_M

ClientSampleId :

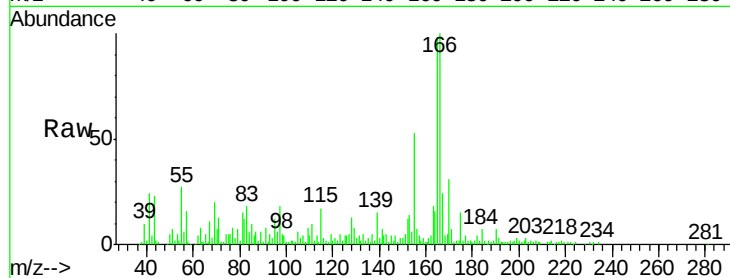
Tot Ion:166 Resp: 133224

Ion Ratio Lower Upper

166 100

165 97.8 77.9 116.9

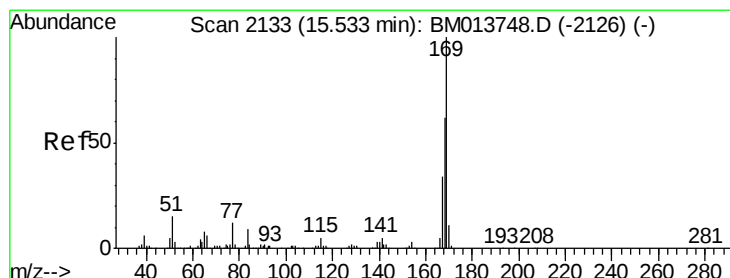
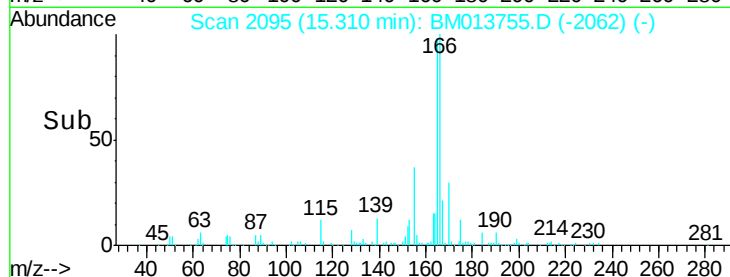
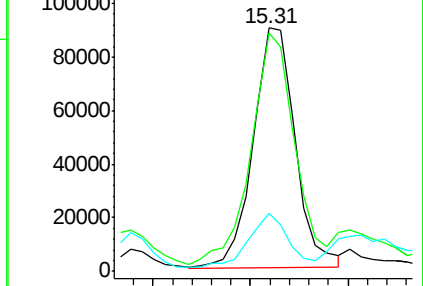
167 23.7 10.6 16.0#



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



#64

N-Nitrosodiphenylamine

Concen: 3.834 ng/ul

RT: 15.53 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

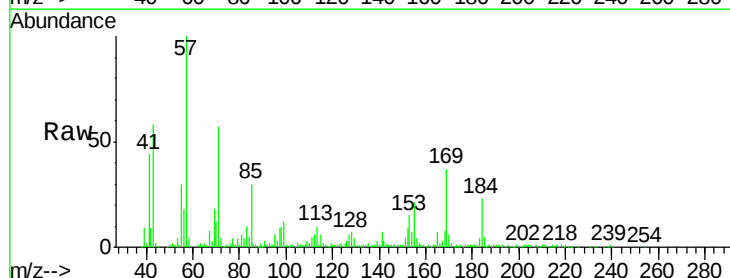
Tgt Ion:169 Resp: 100895

Ion Ratio Lower Upper

169 100

168 21.1 54.0 81.0#

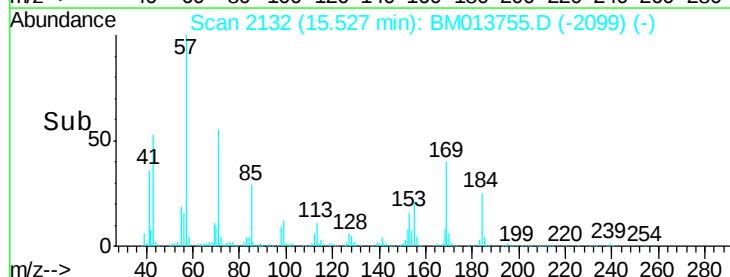
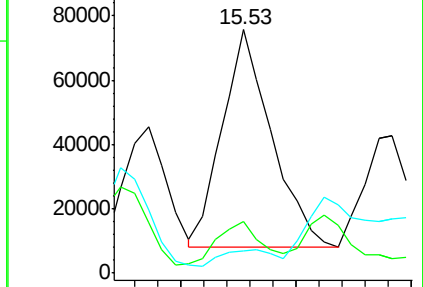
167 9.0 29.1 43.7#

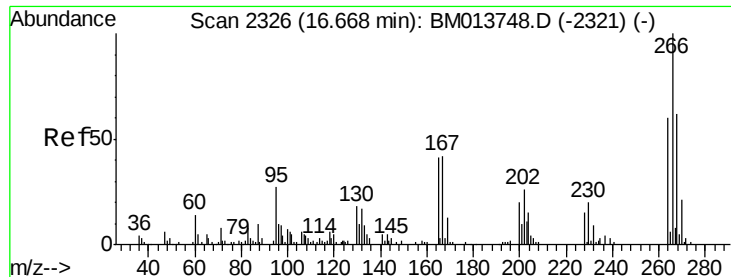


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

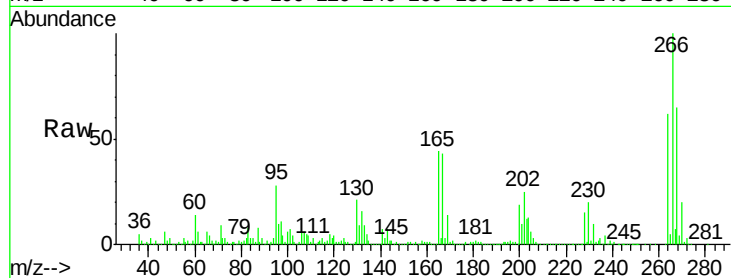




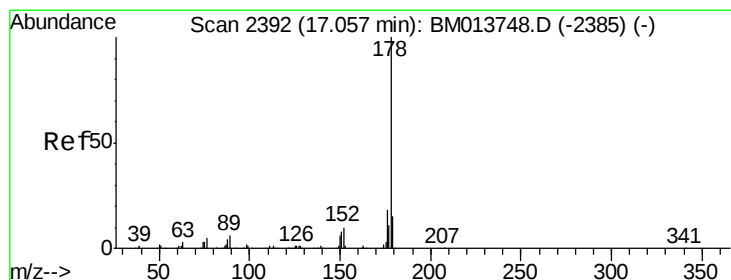
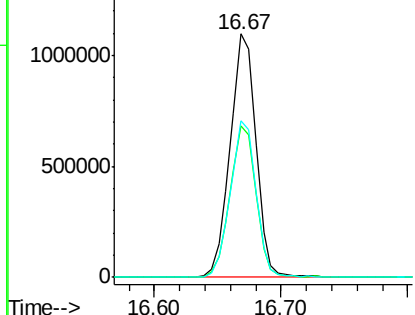
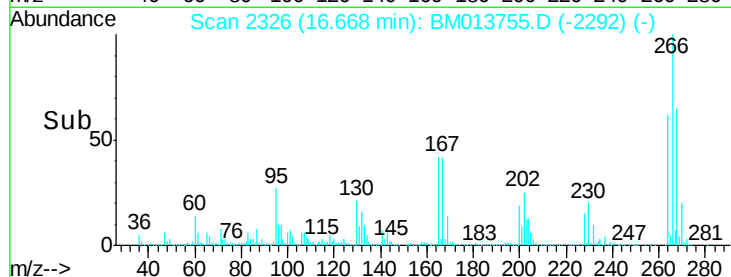
#68
 Pentachlorophenol
 Concen: 254.815 ng/ul
 RT: 16.67 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:266 Resp: 1540359
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.3 73.9
 268 64.6 52.6 78.8

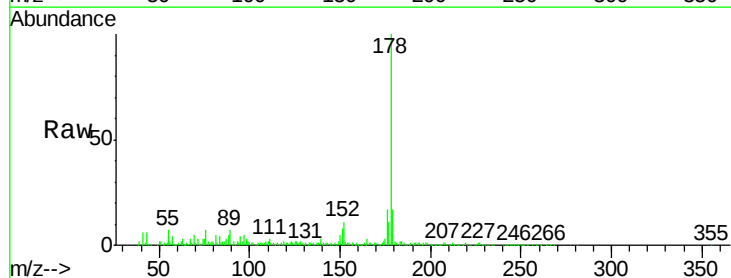


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

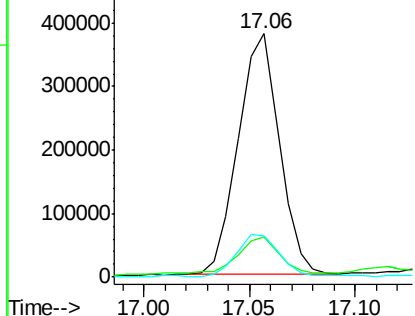
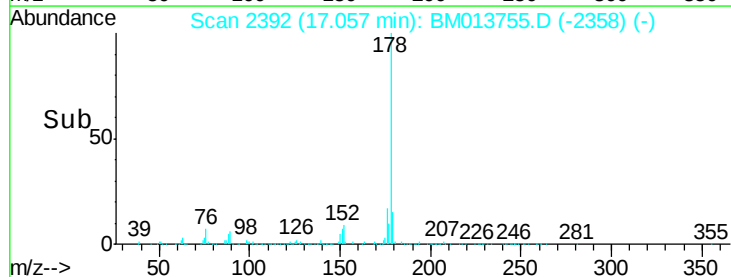


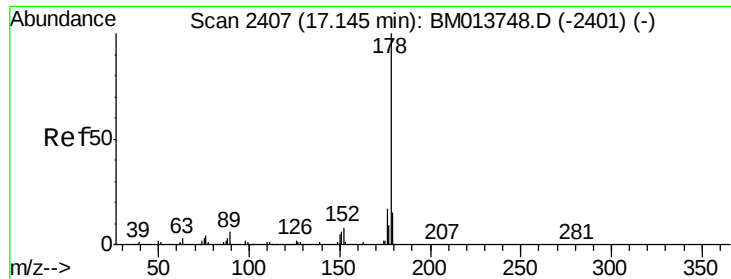
#69
 Phenanthrene
 Concen: 10.357 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.00 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Tgt Ion:178 Resp: 515148
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.6 19.0
 176 17.1 14.9 22.3



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

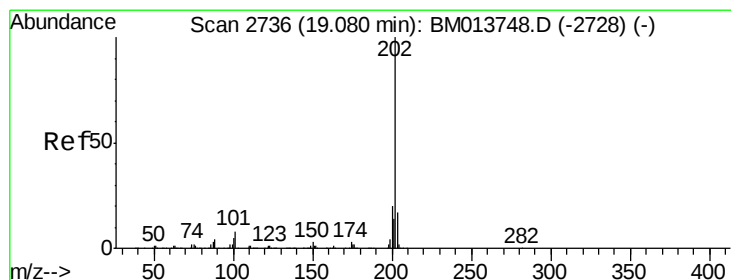
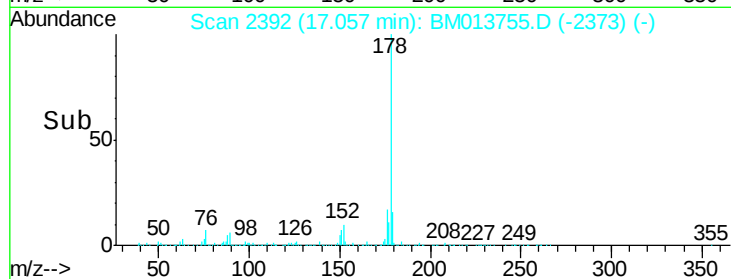
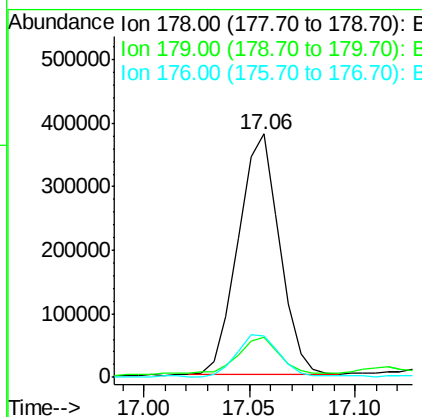
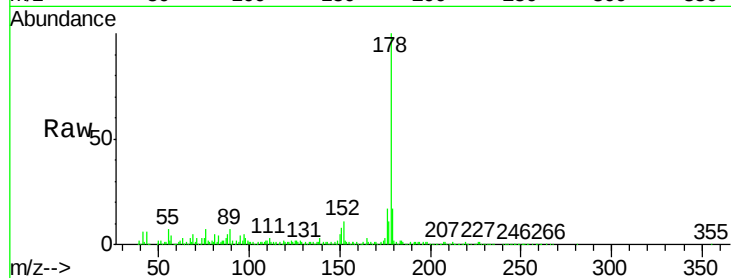




#71
 Anthracene
 Concen: 10.042 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.09 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

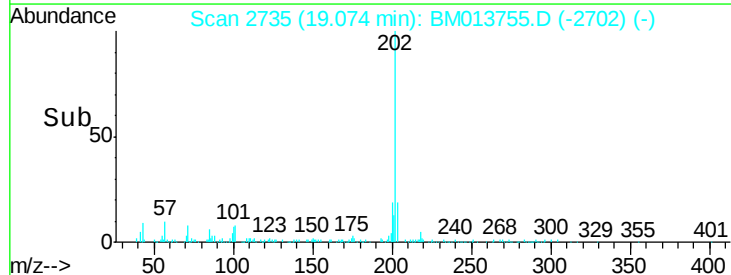
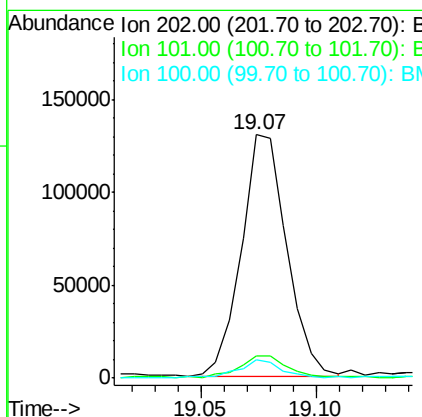
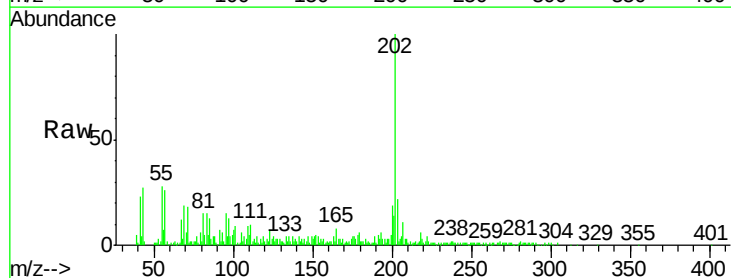
Instrument :
 BNA_M
 ClientSampleId :

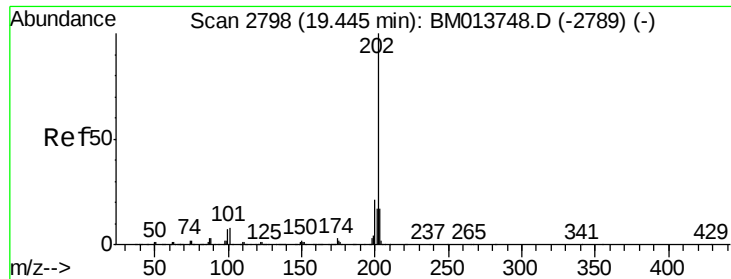
Tot Ion:178 Resp: 515148
 Ion Ratio Lower Upper
 178 100
 179 16.5 11.7 17.5
 176 17.1 14.6 21.8



#74
 Fluoranthene
 Concen: 2.999 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Tgt Ion:202 Resp: 178045
 Ion Ratio Lower Upper
 202 100
 101 8.9 4.6 7.0#
 100 7.4 3.4 5.2#

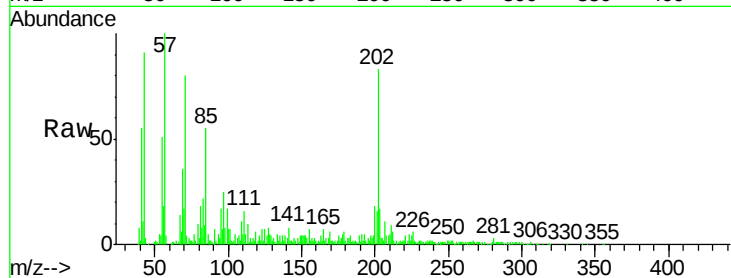




#77
 Pvrene
 Concen: 2.737 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	8.4	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

