

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013810.D
 Acq On : 25 Jan 2018 17:49
 Operator : SJ/JU
 Sample : J1243-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 00:24:47 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 00:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	110266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	412016	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	231507	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	513860	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	558451	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	536891	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	11408	4.09	ng/uL	0.00
5) Phenol-d5	6.78	99	262092	30.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	153944	30.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	225507	32.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	213833	32.86	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	107111	33.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	120548	35.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	219810	33.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	254001	44.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	665536	34.88	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	831869	34.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	80405	25.93	ng/ul	0.00
57) Fluorene-d10	15.25	176	550288	32.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	82588	26.70	ng/ul	0.00
70) Anthracene-d10	17.10	188	853291	34.09	ng/ul	0.00
76) Pyrene-d10	19.40	212	948238	36.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	880618	35.69	ng/ul	0.00

Target Compounds

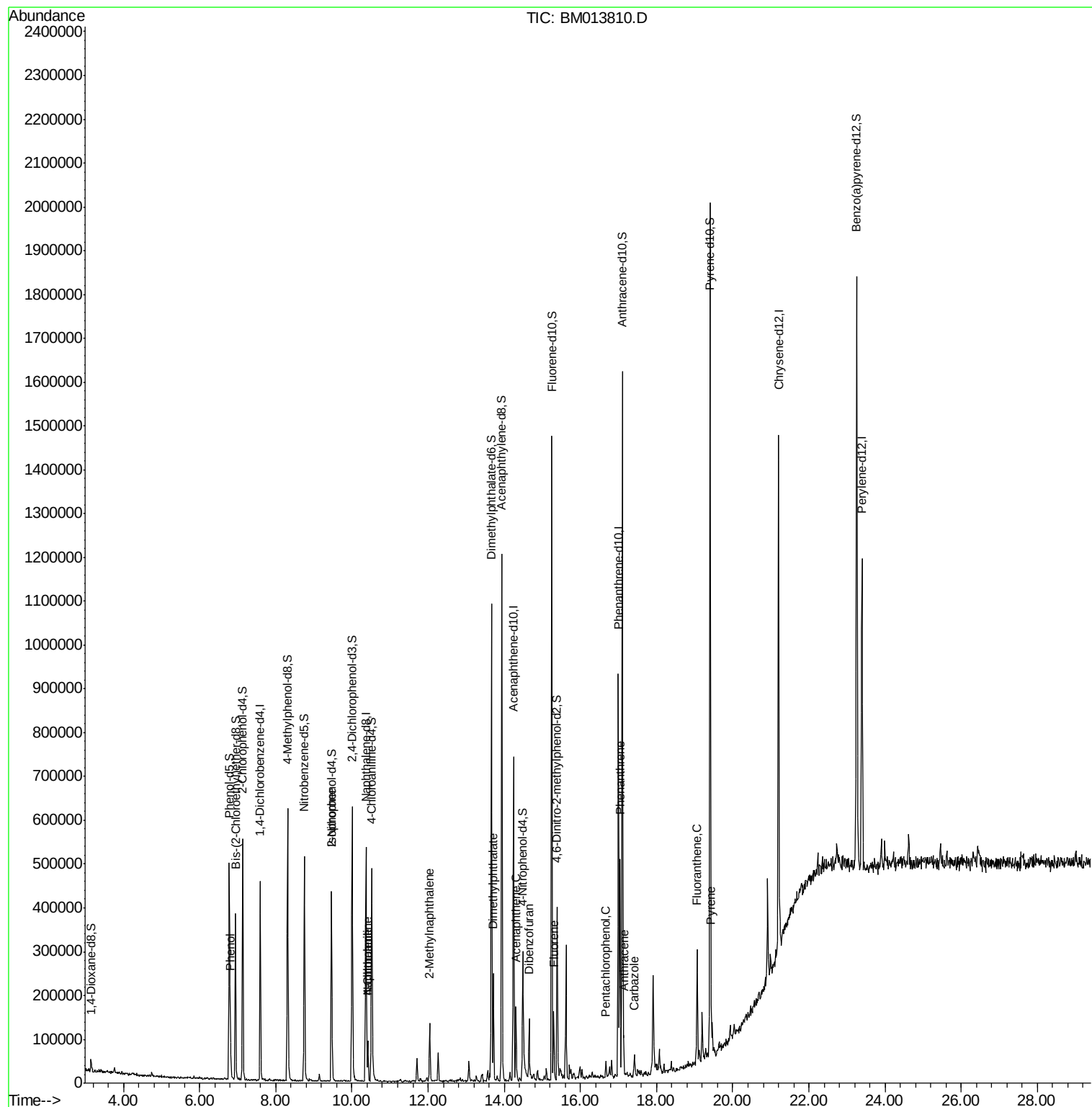
					Ovalue	
6) Phenol	6.81	94	37337	4.398	ng/ul	98
21) Isophorone	9.46	82	13775	1.032	ng/ul#	75
28) Naphthalene	10.42	128	67981	3.317	ng/ul	98
30) 4-Chloroaniline	10.42	127	9367	1.668	ng/ul#	34
34) 2-Methylnaphthalene	12.04	142	63651	4.165	ng/ul	96
44) Dimethylphthalate	13.72	163	144361	7.695	ng/ul#	97
49) Acenaphthene	14.31	153	64006	4.151	ng/ul	92
53) Dibenzofuran	14.65	168	87466	3.771	ng/ul	99
58) Fluorene	15.30	166	66127	3.480	ng/ul#	97
68) Pentachlorophenol	16.66	266	6771	1.950	ng/ul#	70
69) Phenanthrene	17.04	178	284422	9.958	ng/ul	97
71) Anthracene	17.13	178	45676	1.550	ng/ul	97
72) Carbazole	17.42	167	26663	1.096	ng/ul	98
74) Fluoranthene	19.07	202	146506	4.297	ng/ul#	94
77) Pyrene	19.43	202	97342	2.867	ng/ul#	92

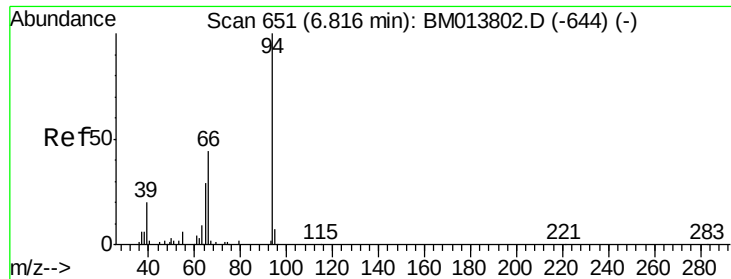
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 26 00:24:47 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 00:22:17 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.398 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

Instrument :

BNA_M

ClientSampled :

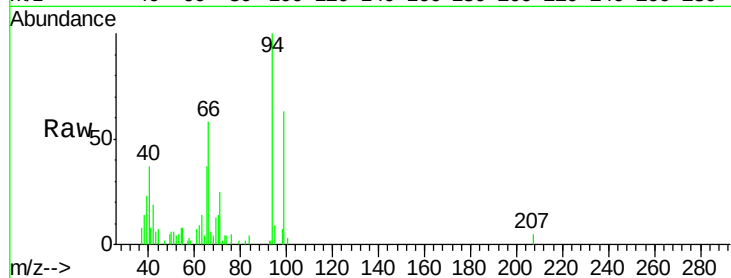
Tot Ion: 94 Resp: 37337

Ion Ratio Lower Upper

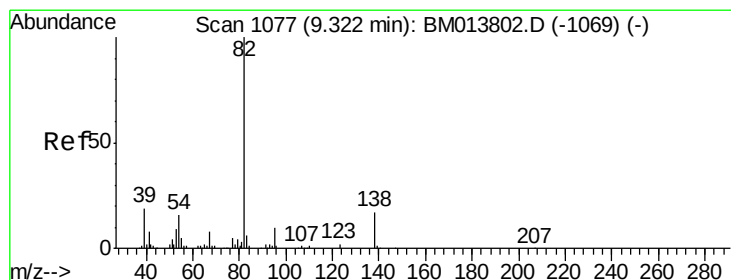
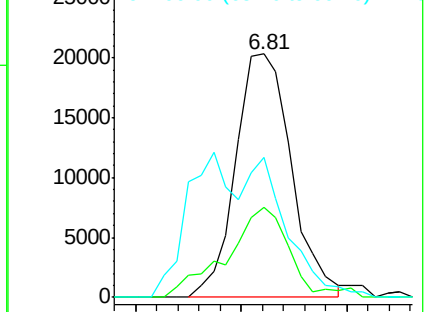
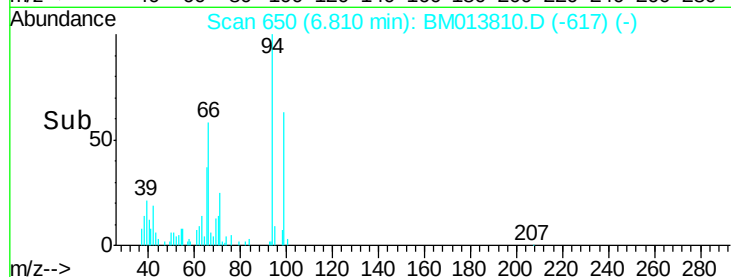
94 100

65 37.0 28.2 42.4

66 57.6 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013810.D (-617) (-)



#21

Isophorone

Concen: 1.032 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. 0.14 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

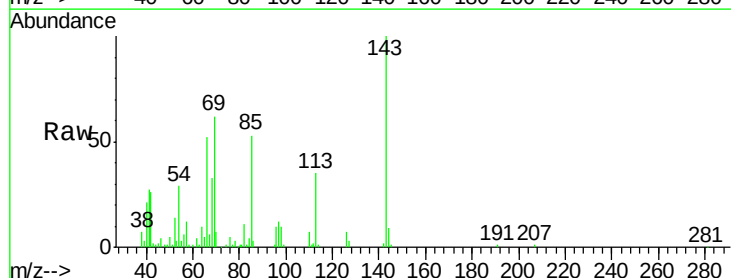
Tgt Ion: 82 Resp: 13775

Ion Ratio Lower Upper

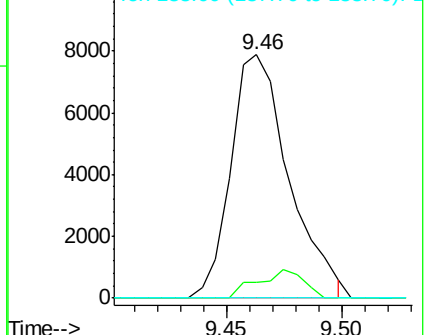
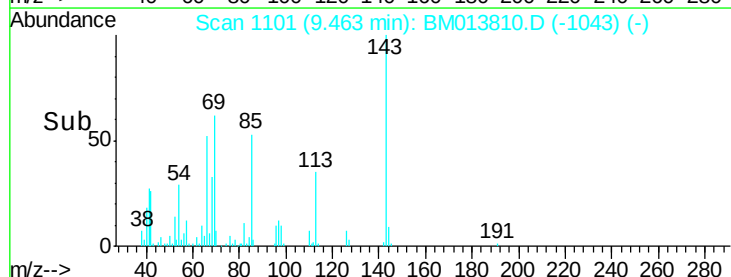
82 100

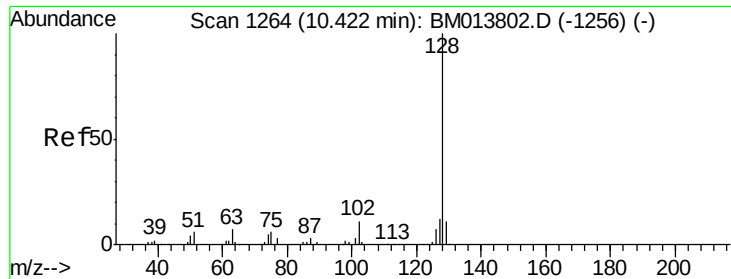
95 6.4 7.8 11.8#

138 0.0 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013810.D (-1043) (-)

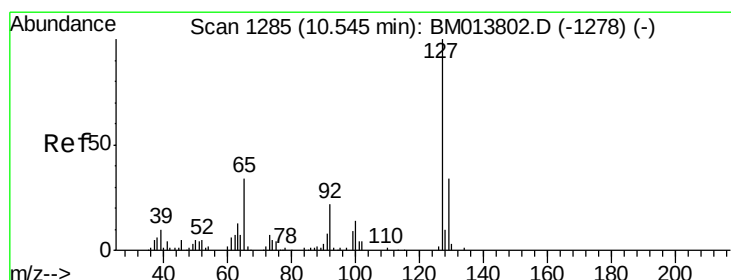
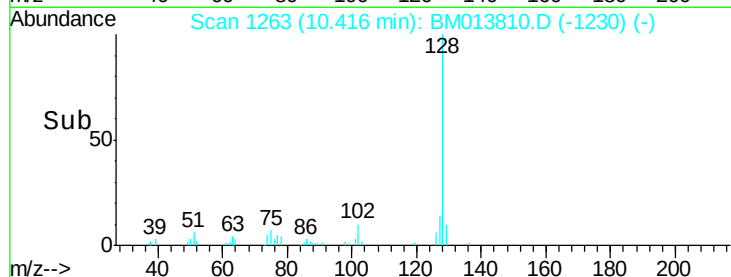
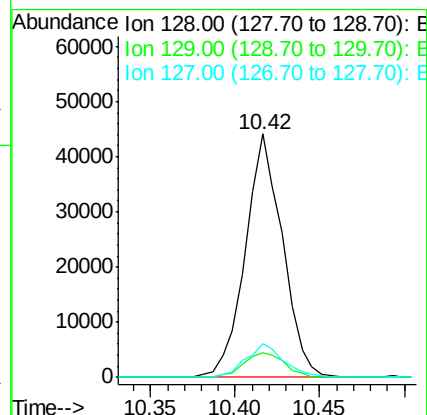
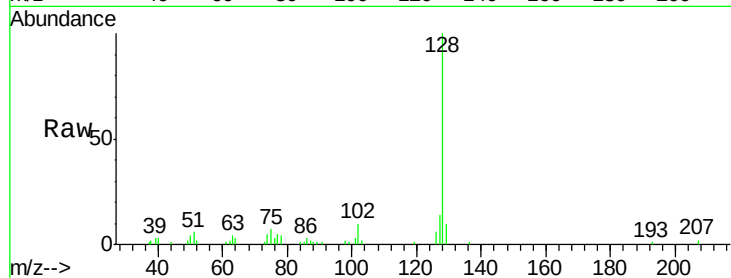




#28
Naphthalene
Concen: 3.317 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM013810.D
Acq: 25 Jan 2018 17:49

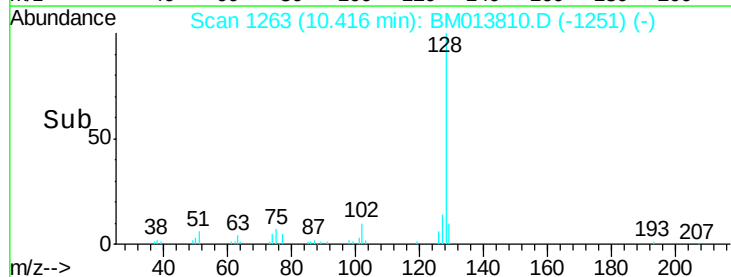
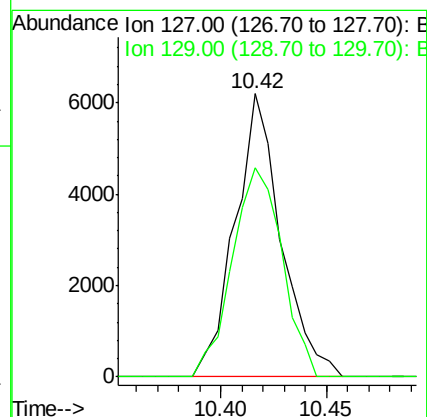
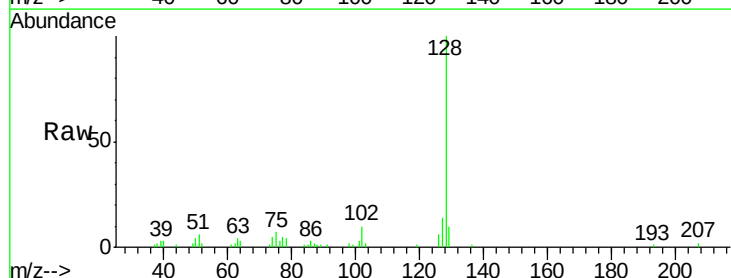
Instrument :
BNA_M
ClientSampleId :

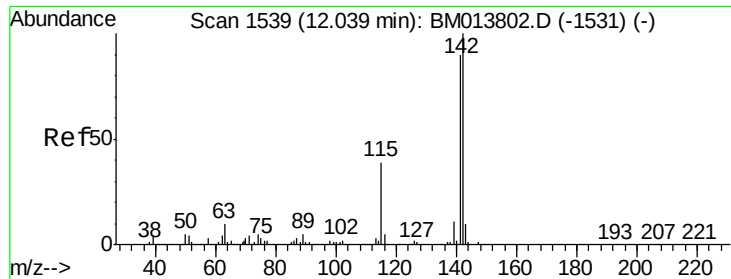
Tot Ion:128 Resp: 67981
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 14.0 10.6 16.0



#30
4-Chloroaniline
Concen: 1.668 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.13 min
Lab File: BM013810.D
Acq: 25 Jan 2018 17:49

Tgt Ion:127 Resp: 9367
Ion Ratio Lower Upper
127 100
129 73.8 28.4 42.6#

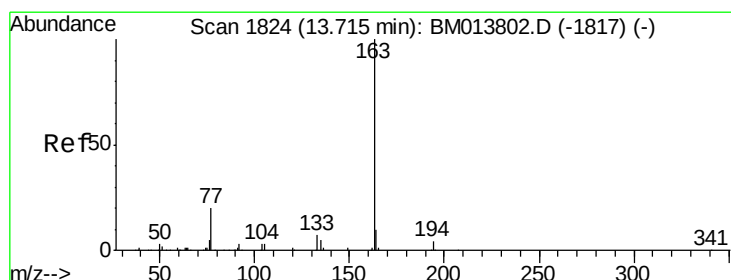
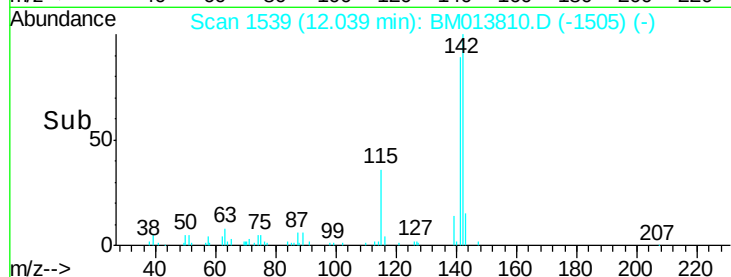
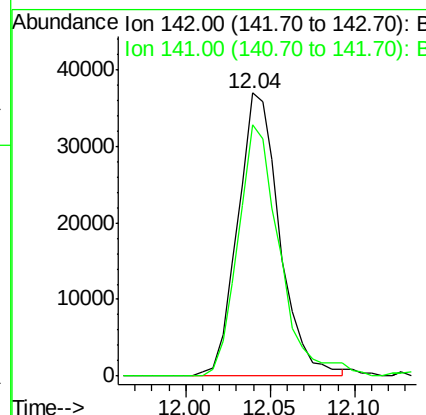
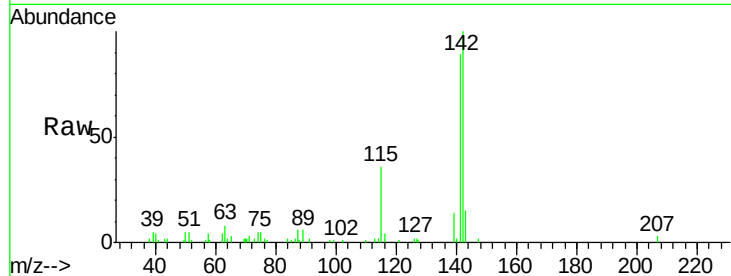




#34
 2-Methylnaphthalene
 Concen: 4.165 ng/ul
 RT: 12.04 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BM013810.D
 Acq: 25 Jan 2018 17:49

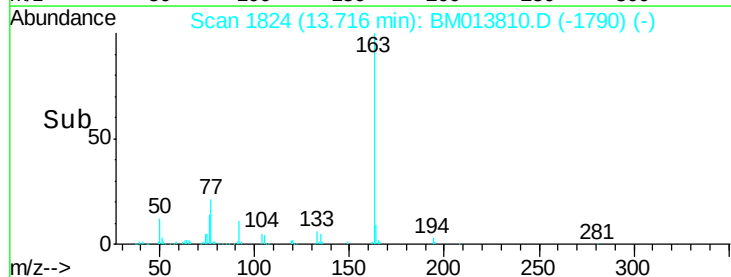
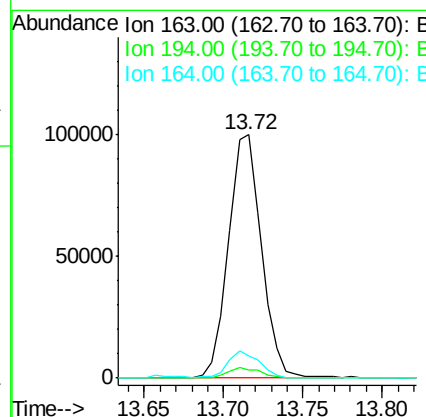
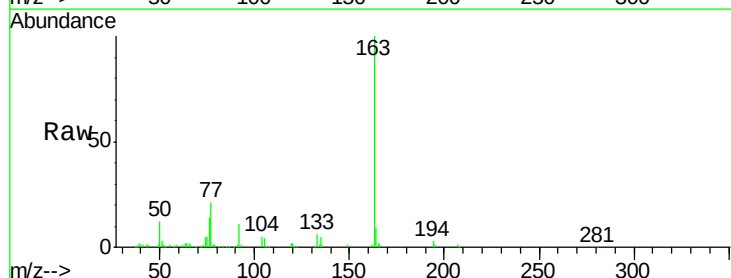
Instrument :
 BNA_M
 ClientSampleId :

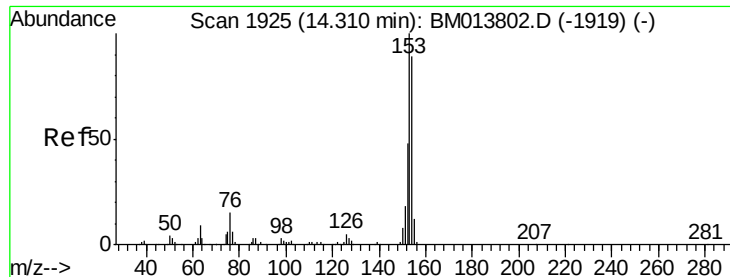
Tot Ion:142 Resp: 63651
 Ion Ratio Lower Upper
 142 100
 141 88.7 74.1 111.1



#44
 Dimethylphthalate
 Concen: 7.695 ng/ul
 RT: 13.72 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BM013810.D
 Acq: 25 Jan 2018 17:49

Tgt Ion:163 Resp: 144361
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.5 5.3#
 164 9.1 8.2 12.4





#49

Acenaphthene

Concen: 4.151 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

Instrument :

BNA_M

ClientSampleId :

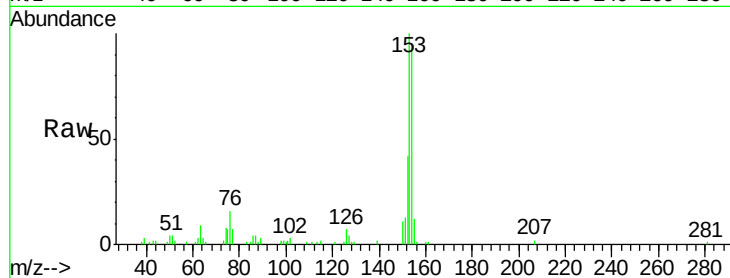
Tot Ion:153 Resp: 64006

Ion Ratio Lower Upper

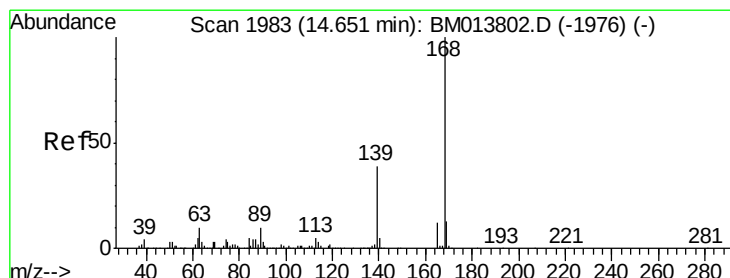
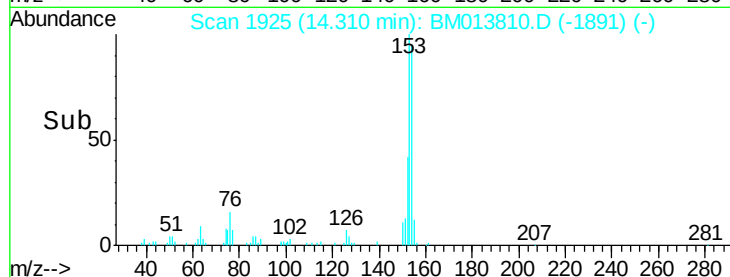
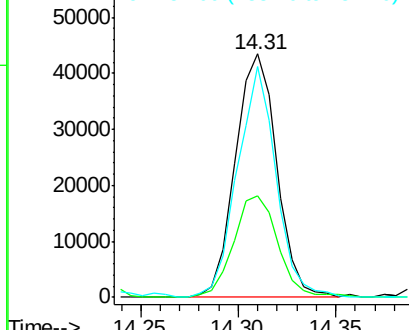
153 100

152 41.6 37.6 56.4

154 94.7 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



#53

Dibenzofuran

Concen: 3.771 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM013810.D

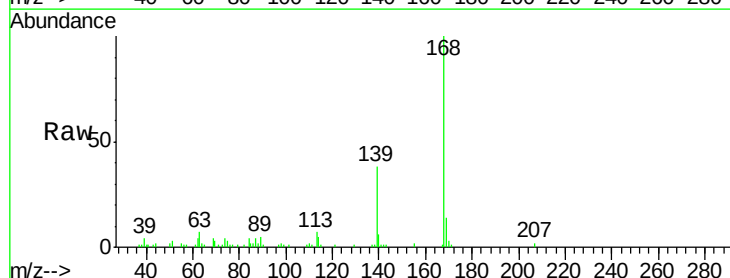
Acq: 25 Jan 2018 17:49

Tgt Ion:168 Resp: 87466

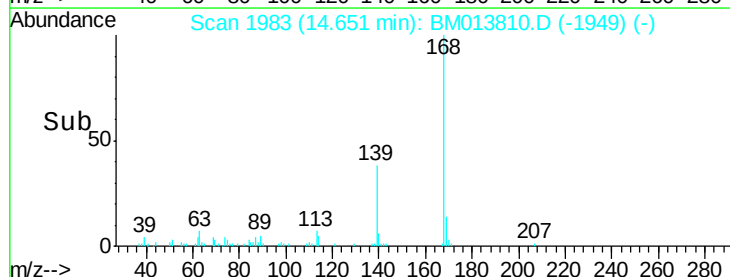
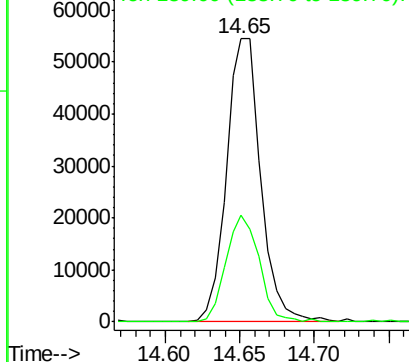
Ion Ratio Lower Upper

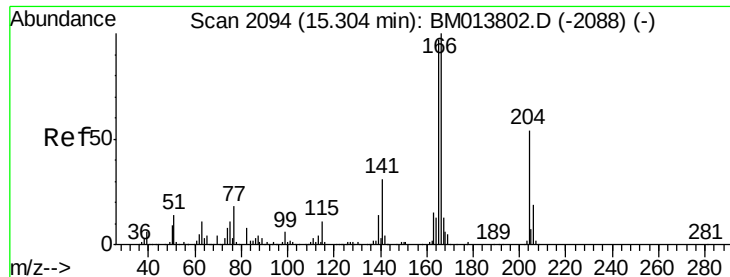
168 100

139 37.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.480 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

Instrument :

BNA_M

ClientSampleId :

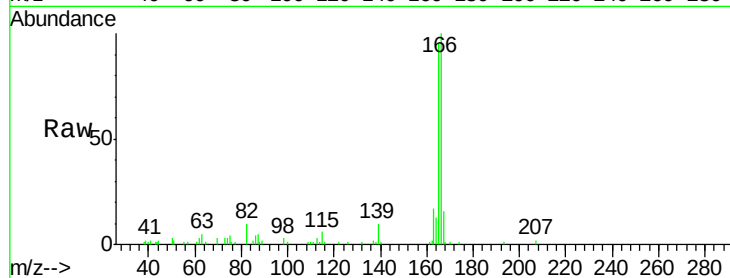
Tot Ion:166 Resp: 66127

Ion Ratio Lower Upper

166 100

165 94.8 77.9 116.9

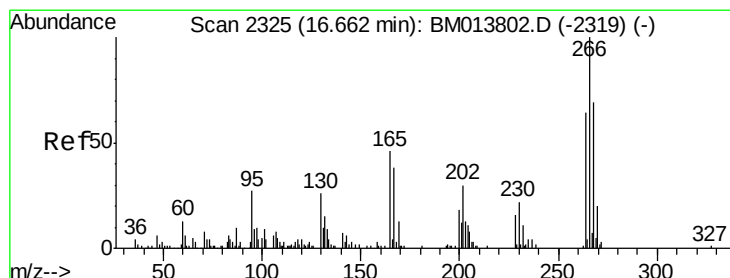
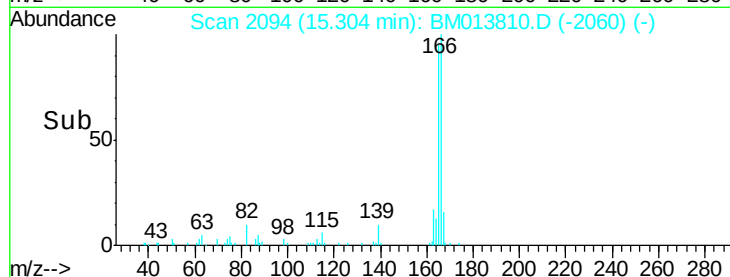
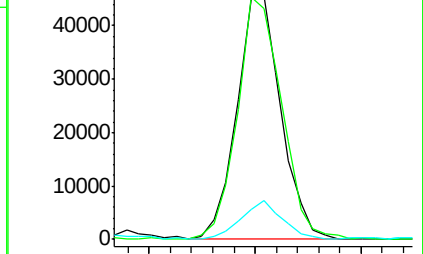
167 16.1 10.6 16.0#



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: 1.950 ng/ul

RT: 16.66 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

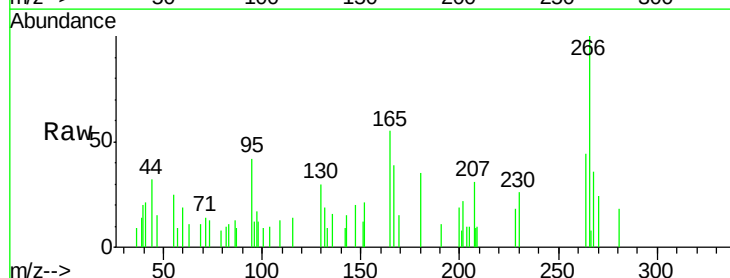
Tgt Ion:266 Resp: 6771

Ion Ratio Lower Upper

266 100

264 44.2 49.3 73.9#

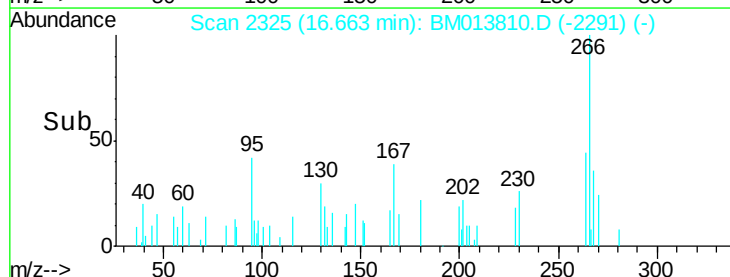
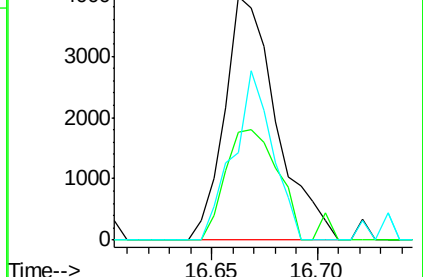
268 35.9 52.6 78.8#

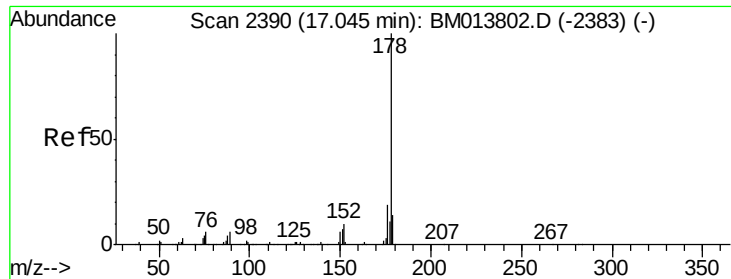


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 9.958 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

Instrument :

BNA_M

ClientSampleId :

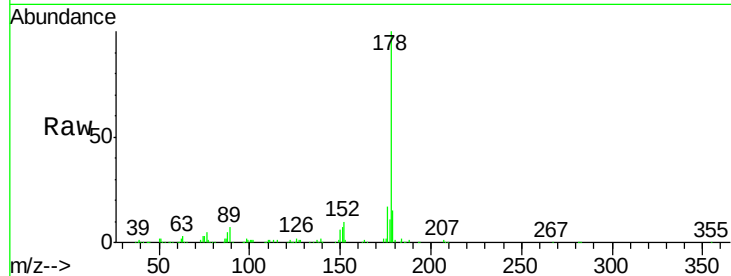
Tot Ion:178 Resp: 284422

Ion Ratio Lower Upper

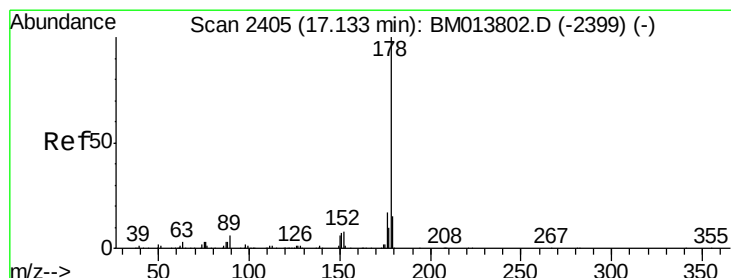
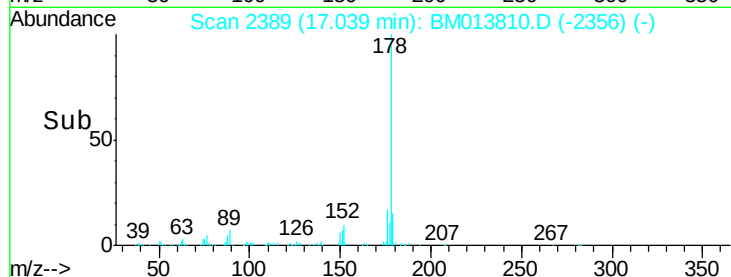
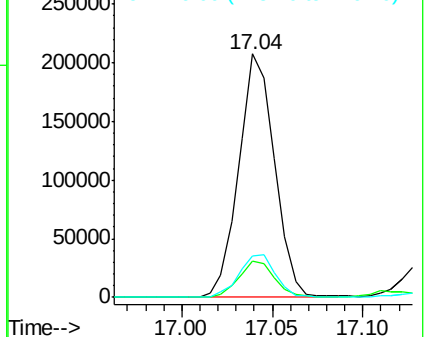
178 100

179 14.7 12.6 19.0

176 17.0 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: 1.550 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

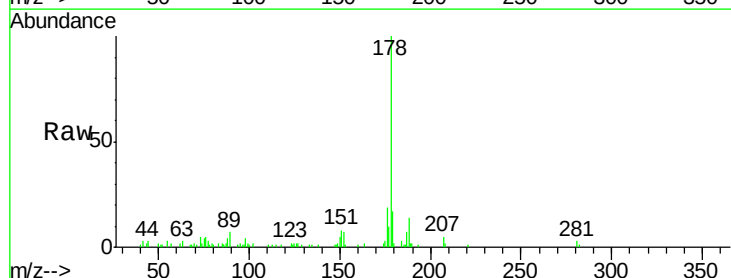
Tgt Ion:178 Resp: 45676

Ion Ratio Lower Upper

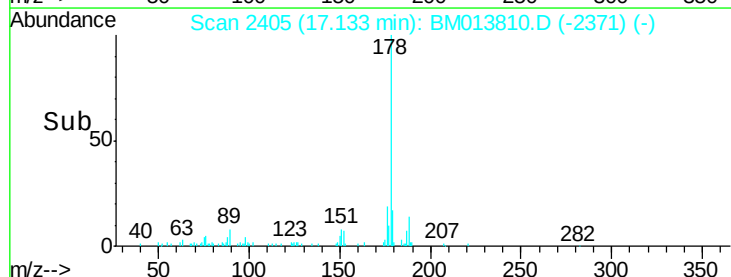
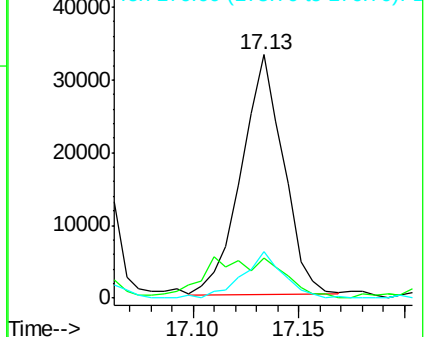
178 100

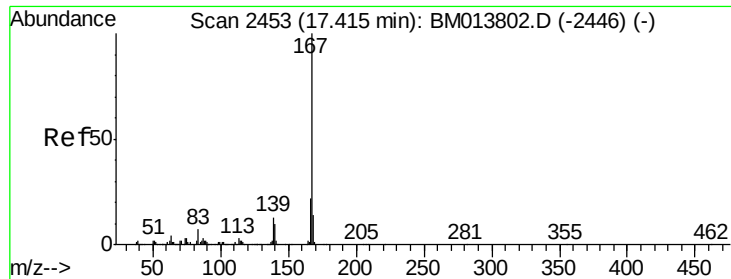
179 16.6 11.7 17.5

176 19.2 14.6 21.8



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

Carbazole

Concen: 1.096 ng/ul

RT: 17.42 min Scan# 2454

Delta R.T. 0.01 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

Instrument :

BNA_M

ClientSampleId :

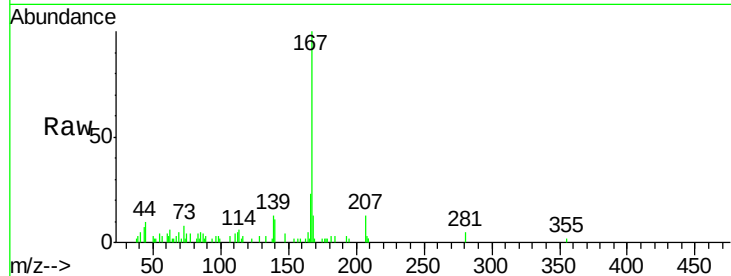
Tot Ion:167 Resp: 26663

Ion Ratio Lower Upper

167 100

166 23.1 17.1 25.7

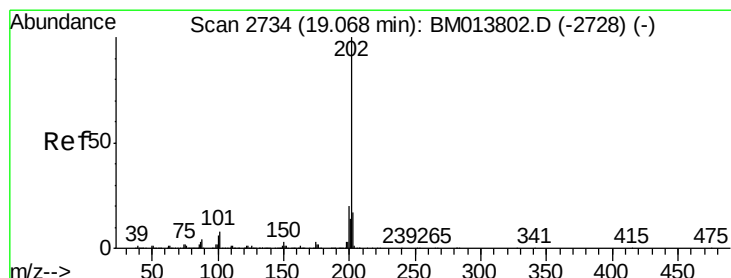
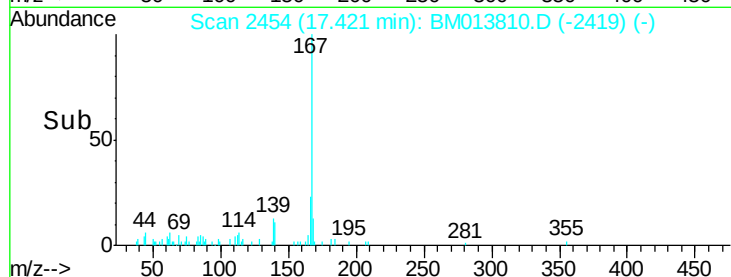
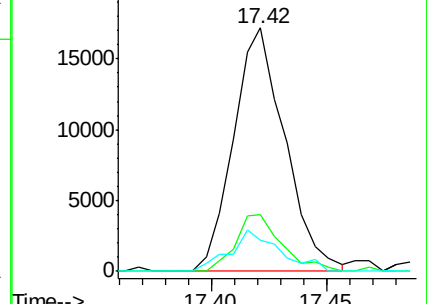
139 12.7 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 4.297 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

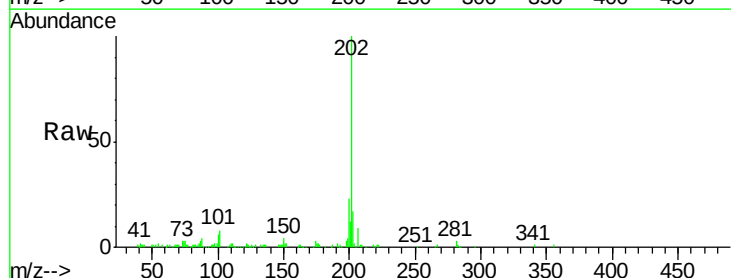
Tgt Ion:202 Resp: 146506

Ion Ratio Lower Upper

202 100

101 7.8 4.6 7.0#

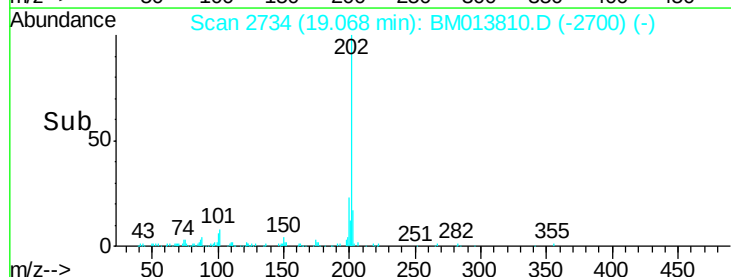
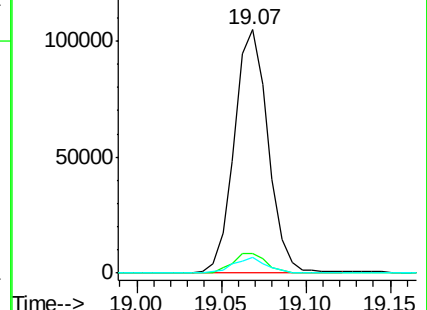
100 6.3 3.4 5.2#

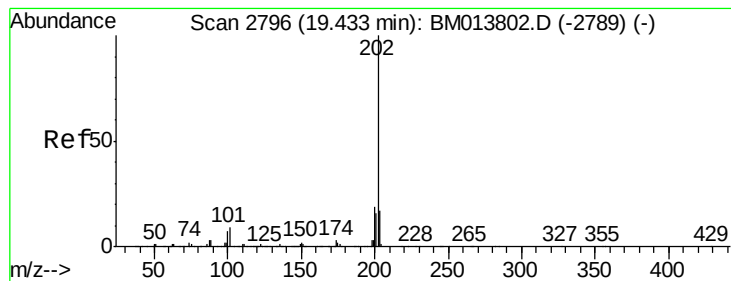


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 2.867 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM013810.D

Acq: 25 Jan 2018 17:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 97342

Ion Ratio Lower Upper

202 100

101 10.5 5.1 7.7#

100 7.6 4.9 7.3#

