

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013358.D
 Acq On : 13 Dec 2017 02:33
 Operator : SJ/JU
 Sample : I6776-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A44

Quant Time: Dec 13 04:51:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	126371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	572198	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	372934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	946584	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1226461	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1191048	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9976	3.91	ng/uL	0.00
5) Phenol-d5	6.86	99	210762	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	125403	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	176870	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	182222	19.51	ng/ul	-0.01
19) Nitrobenzene-d5	8.84	128	96983	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	103544	21.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	195949	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	244235	26.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	721304	21.73	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	895537	21.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	138922	24.09	ng/ul	0.00
57) Fluorene-d10	15.32	176	660791	23.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	113346	19.03	ng/ul	0.00
70) Anthracene-d10	17.17	188	1238216	26.12	ng/ul	0.00
76) Pyrene-d10	19.47	212	1606942	26.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1677211	27.65	ng/ul	0.00

Target Compounds

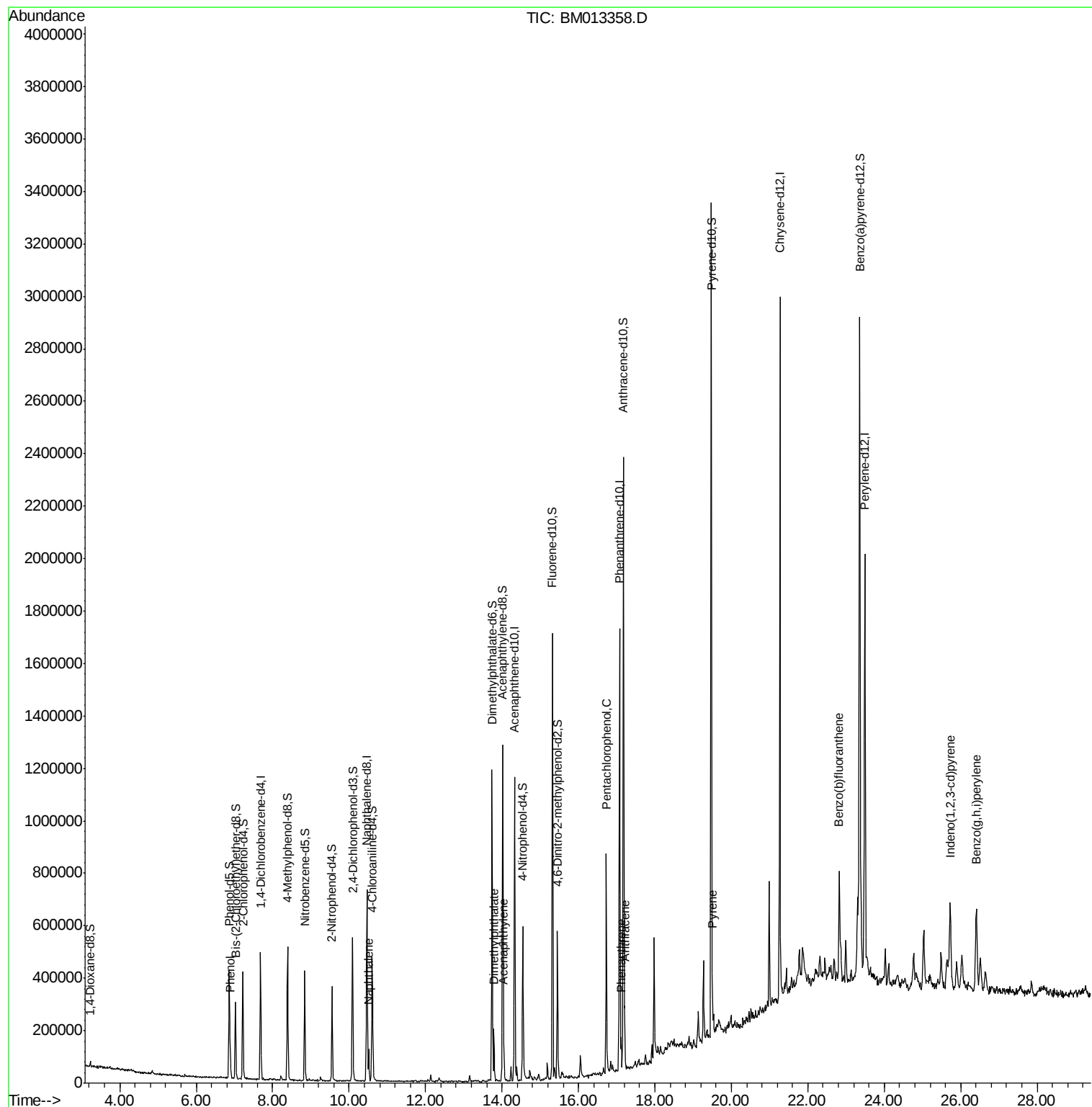
					Ovalue	
6) Phenol	6.89	94	39173	3.624	ng/ul	93
28) Naphthalene	10.51	128	91310	3.102	ng/ul	99
44) Dimethylphthalate	13.79	163	110045	3.467	ng/ul#	97
47) Acenaphthylene	14.05	152	86346	2.278	ng/ul#	93
68) Pentachlorophenol	16.73	266	147650	20.803	ng/ul	93
69) Phenanthrene	17.12	178	73704	1.371	ng/ul	95
71) Anthracene	17.21	178	129440	2.355	ng/ul	96
77) Pyrene	19.50	202	104445	1.402	ng/ul#	94
85) Benzo(b)fluoranthene	22.83	252	239124	2.978	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	336440	4.701	ng/ul	97
91) Benzo(g,h,i)perylene	26.41	276	391277	6.932	ng/ul#	95

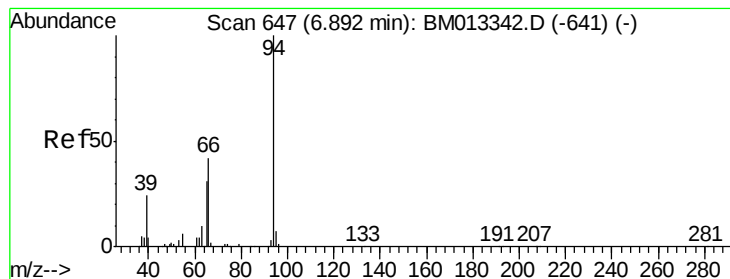
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.624 ng/ul

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM013358.D

Acq: 13 Dec 2017 02:33

Instrument :

BNA_M

ClientSampleId :

F9A44

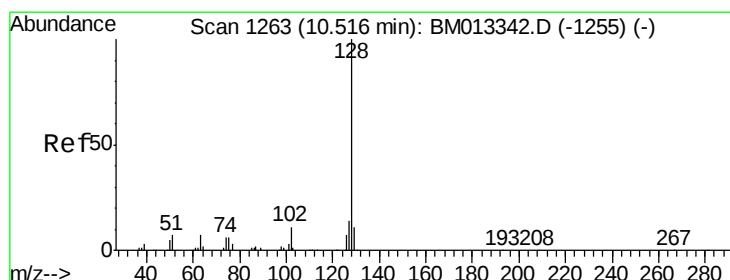
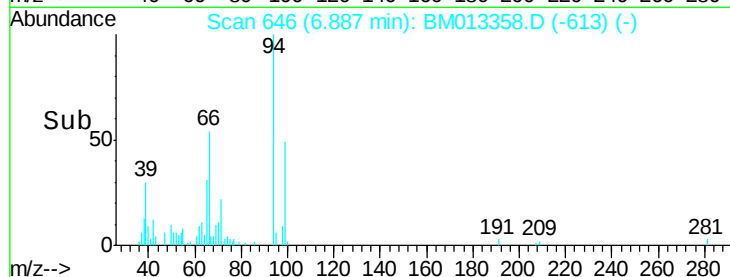
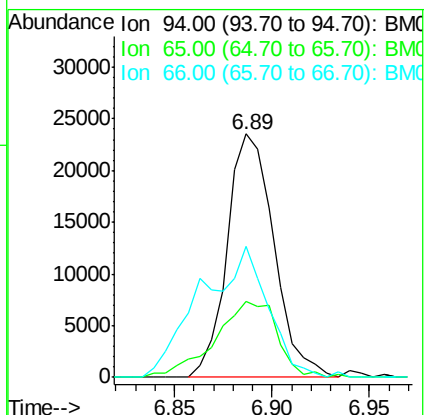
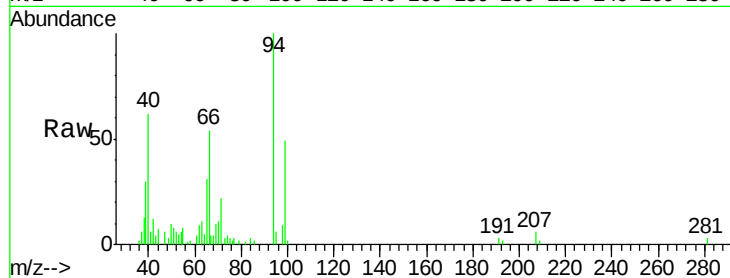
Tot Ion: 94 Resp: 39173

Ion Ratio Lower Upper

94 100

65 31.4 28.2 42.4

66 53.9 47.2 70.8



#28

Naphthalene

Concen: 3.102 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM013358.D

Acq: 13 Dec 2017 02:33

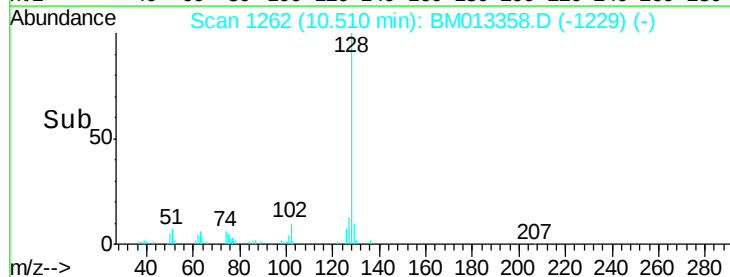
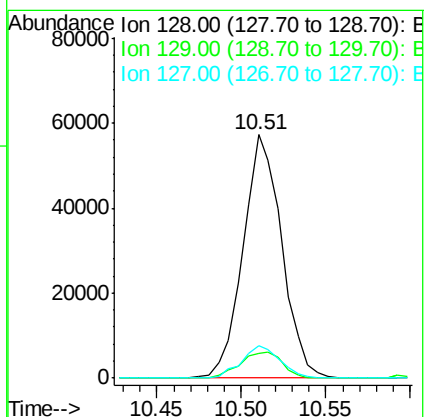
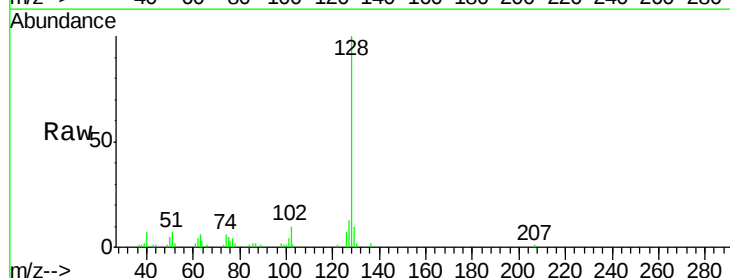
Tgt Ion: 128 Resp: 91310

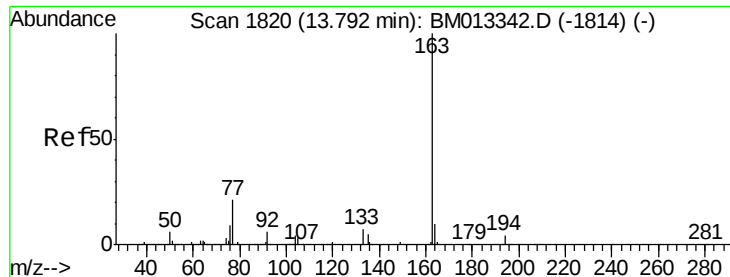
Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

127 13.4 10.6 16.0





#44

Dimethylphthalate

Concen: 3.467 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM013358.D

Acq: 13 Dec 2017 02:33

Instrument :

BNA_M

ClientSampleId :

F9A44

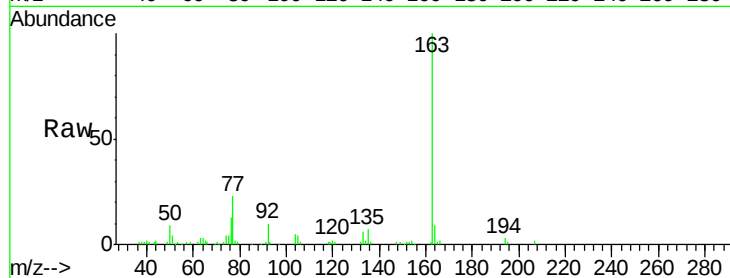
Tot Ion:163 Resp: 110045

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3#

164 9.3 8.2 12.4

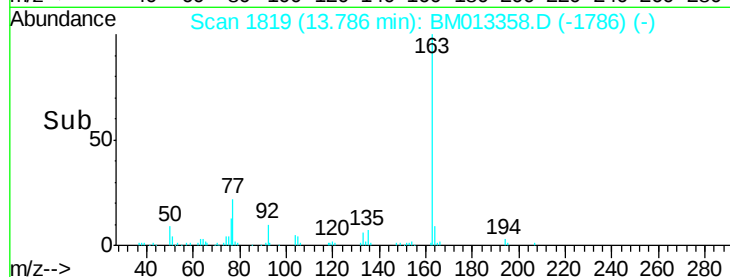


Abundance Ion 163.00 (162.70 to 163.70): E

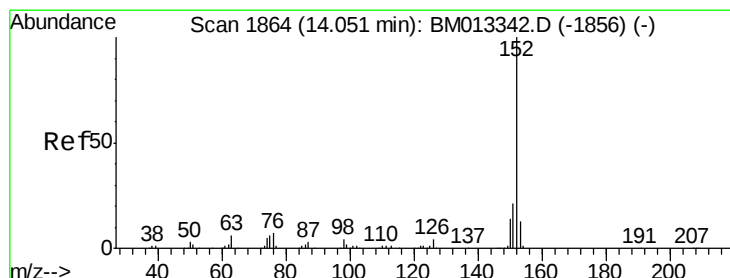
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#47

Acenaphthylene

Concen: 2.278 ng/ul

RT: 14.05 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM013358.D

Acq: 13 Dec 2017 02:33

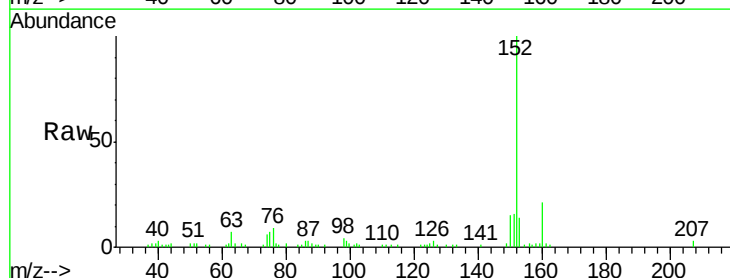
Tgt Ion:152 Resp: 86346

Ion Ratio Lower Upper

152 100

151 16.1 16.3 24.5#

153 14.0 10.2 15.4

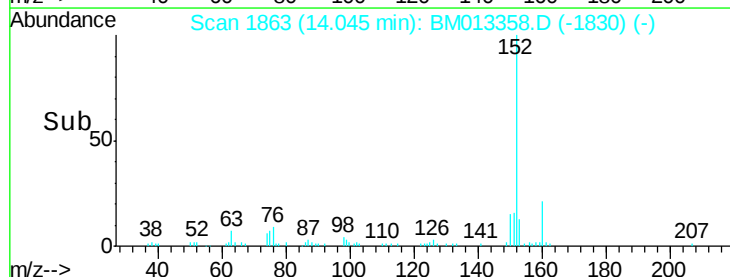


Abundance Ion 152.00 (151.70 to 152.70): E

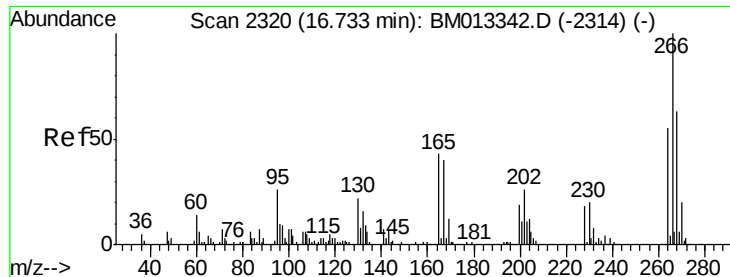
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



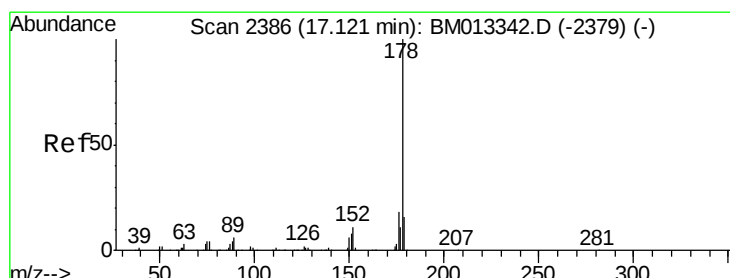
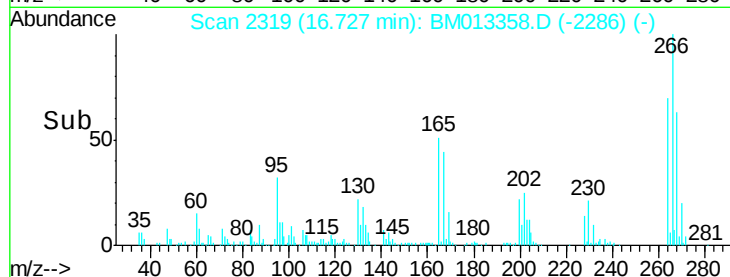
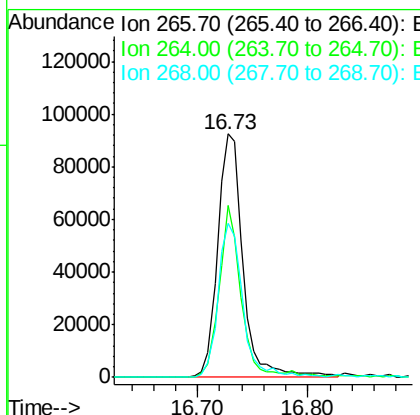
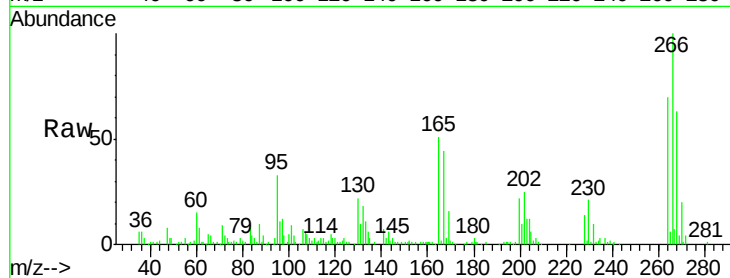
Time-->



#68
 Pentachlorophenol
 Concen: 20.803 ng/ul
 RT: 16.73 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BM013358.D
 Acq: 13 Dec 2017 02:33

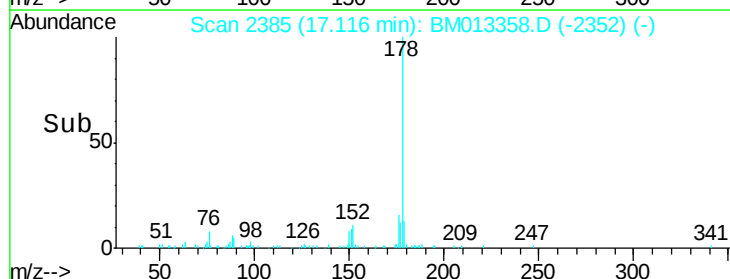
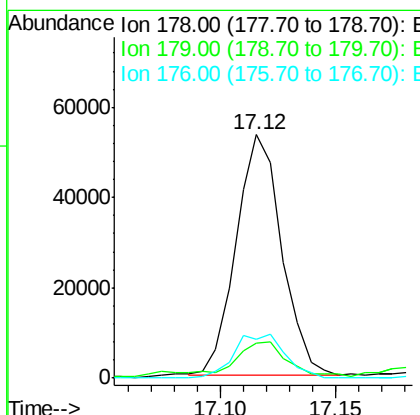
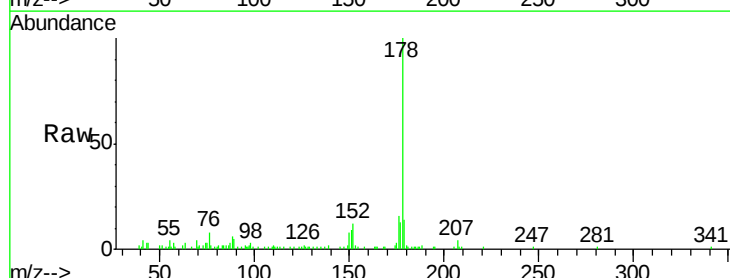
Instrument :
 BNA_M
 ClientSampleId :
 F9A44

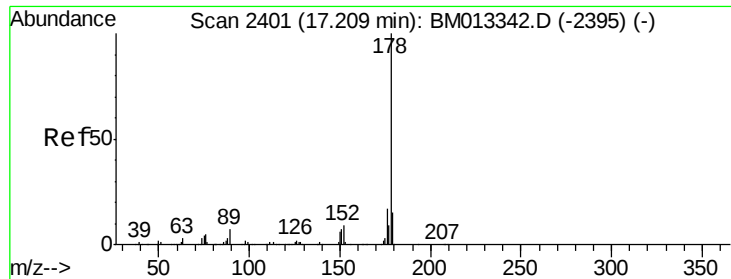
Tot Ion:266 Resp: 147650
 Ion Ratio Lower Upper
 266 100
 264 70.4 49.3 73.9
 268 63.1 52.6 78.8



#69
 Phenanthrene
 Concen: 1.371 ng/ul
 RT: 17.12 min Scan# 2385
 Delta R.T. -0.01 min
 Lab File: BM013358.D
 Acq: 13 Dec 2017 02:33

Tgt Ion:178 Resp: 73704
 Ion Ratio Lower Upper
 178 100
 179 14.2 12.6 19.0
 176 16.2 14.9 22.3

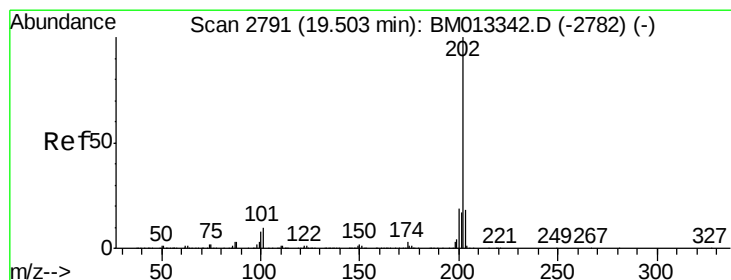
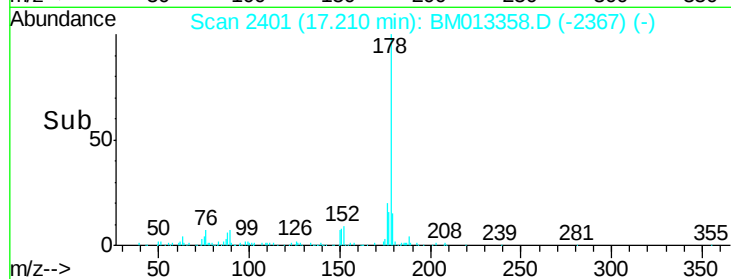
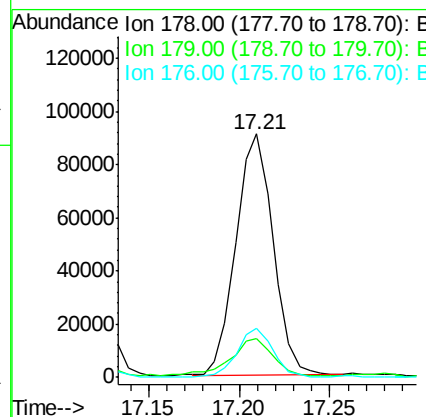
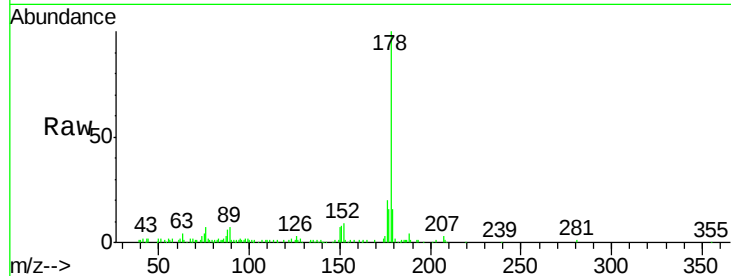




#71
 Anthracene
 Concen: 2.355 ng/ul
 RT: 17.21 min Scan# 2401
 Delta R.T. 0.00 min
 Lab File: BM013358.D
 Acq: 13 Dec 2017 02:33

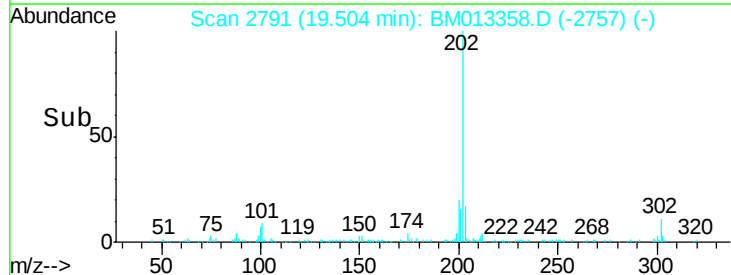
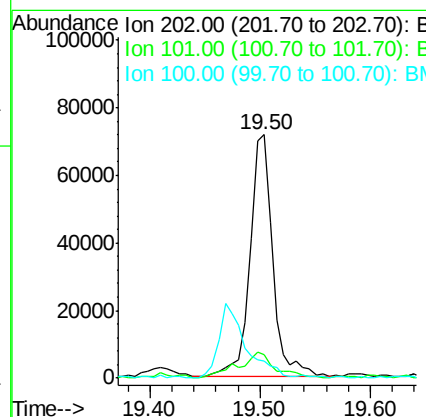
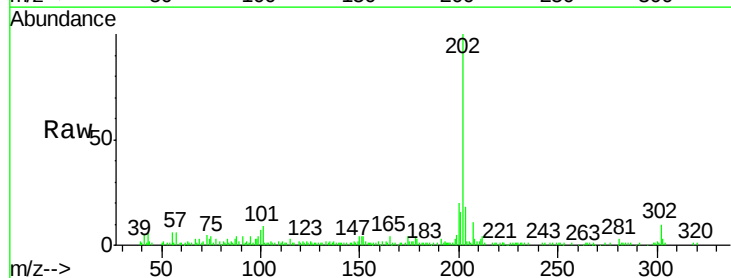
Instrument :
 BNA_M
 ClientSampleId :
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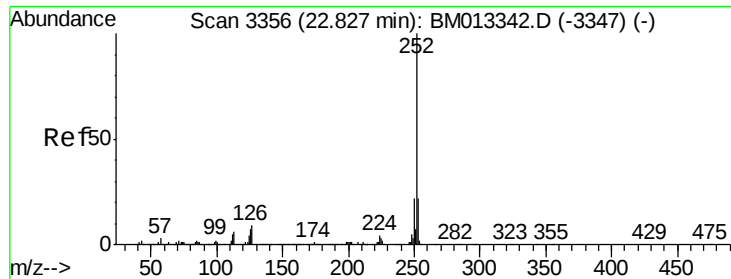
Tot Ion	178	Resp	129440
Ion Ratio	100	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	20.1	14.6	21.8



#77
 Pyrene
 Concen: 1.402 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM013358.D
 Acq: 13 Dec 2017 02:33

Tgt Ion	202	Resp	104445
Ion Ratio	100	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	7.1	4.9	7.3





#85

Benzo(b)fluoranthene

Concen: 2.978 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013358.D

Acq: 13 Dec 2017 02:33

Instrument :

BNA_M

ClientSampleId :

F9A44

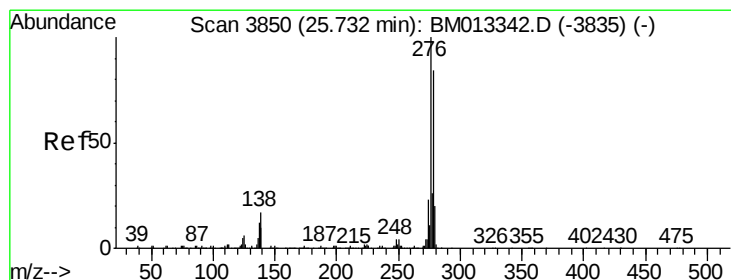
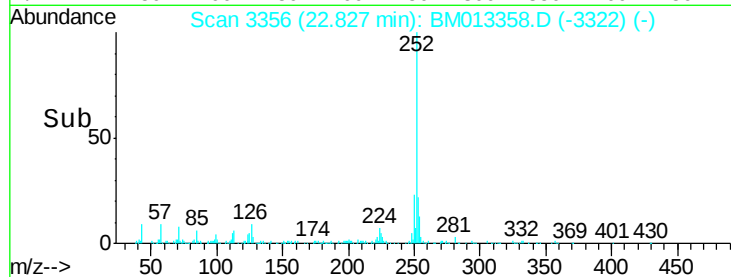
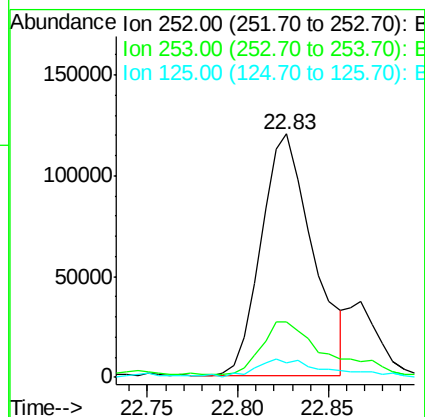
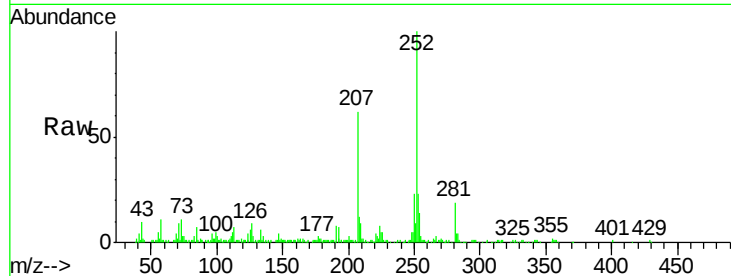
Tot Ion:252 Resp: 239124

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 6.0 3.6 5.4#



#89

Indeno(1,2,3-cd)pyrene

Concen: 4.701 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM013358.D

Acq: 13 Dec 2017 02:33

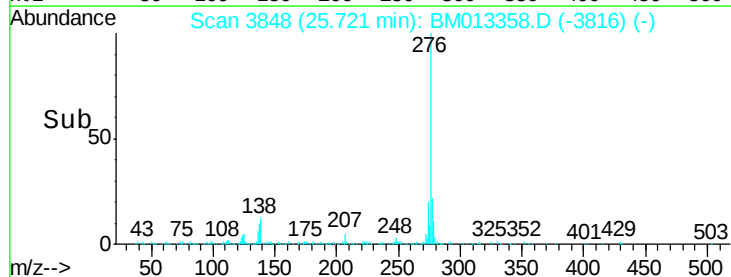
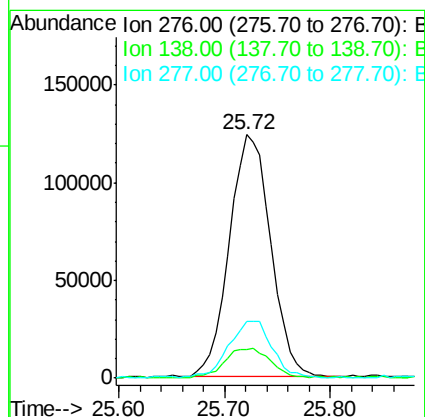
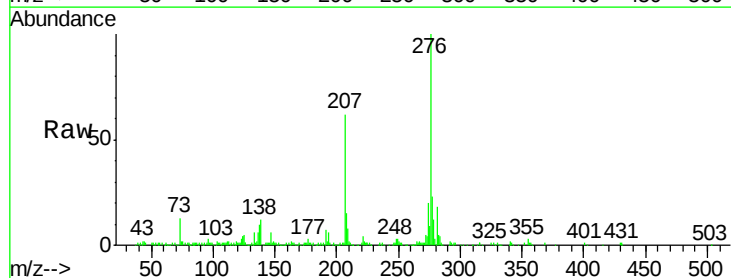
Tgt Ion:276 Resp: 336440

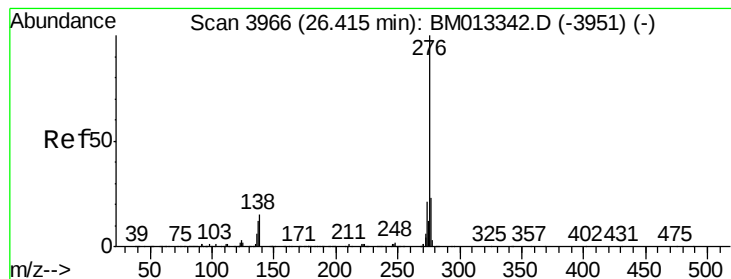
Ion Ratio Lower Upper

276 100

138 11.8 9.3 13.9

277 23.1 19.9 29.9





#91

Benzo(a,h,i)perylene

Concen: 6.932 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM013358.D

Acq: 13 Dec 2017 02:33

Instrument :

BNA_M

ClientSampleId :

F9A44

Tot Ion: 276 Resp: 391277

Ion Ratio Lower Upper

276 100

138 14.1 8.5 12.7#

277 25.0 18.6 28.0

