

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014097.D
 Acq On : 02 Feb 2018 05:20
 Operator : SJ/JU
 Sample : J1315-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 02 06:02:28 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 02 03:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	130270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	569519	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1547637	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.97	188	900954	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	964009	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	939614	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	12775	4.50	ng/uL	0.00
5) Phenol-d5	6.75	99	260537	26.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	187105	31.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	234369	30.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	98933	12.07	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	128093	31.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	146334	32.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	243934	25.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	156991	18.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1102383	8.58	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1242899	7.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	115320	6.52	ng/ul	0.00
57) Fluorene-d10	15.22	176	917138	7.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	141897	25.65	ng/ul	0.00
70) Anthracene-d10	17.07	188	1505741	34.42	ng/ul	0.00
76) Pyrene-d10	19.37	212	1730033	37.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	1636090	35.48	ng/ul	0.00

Target Compounds

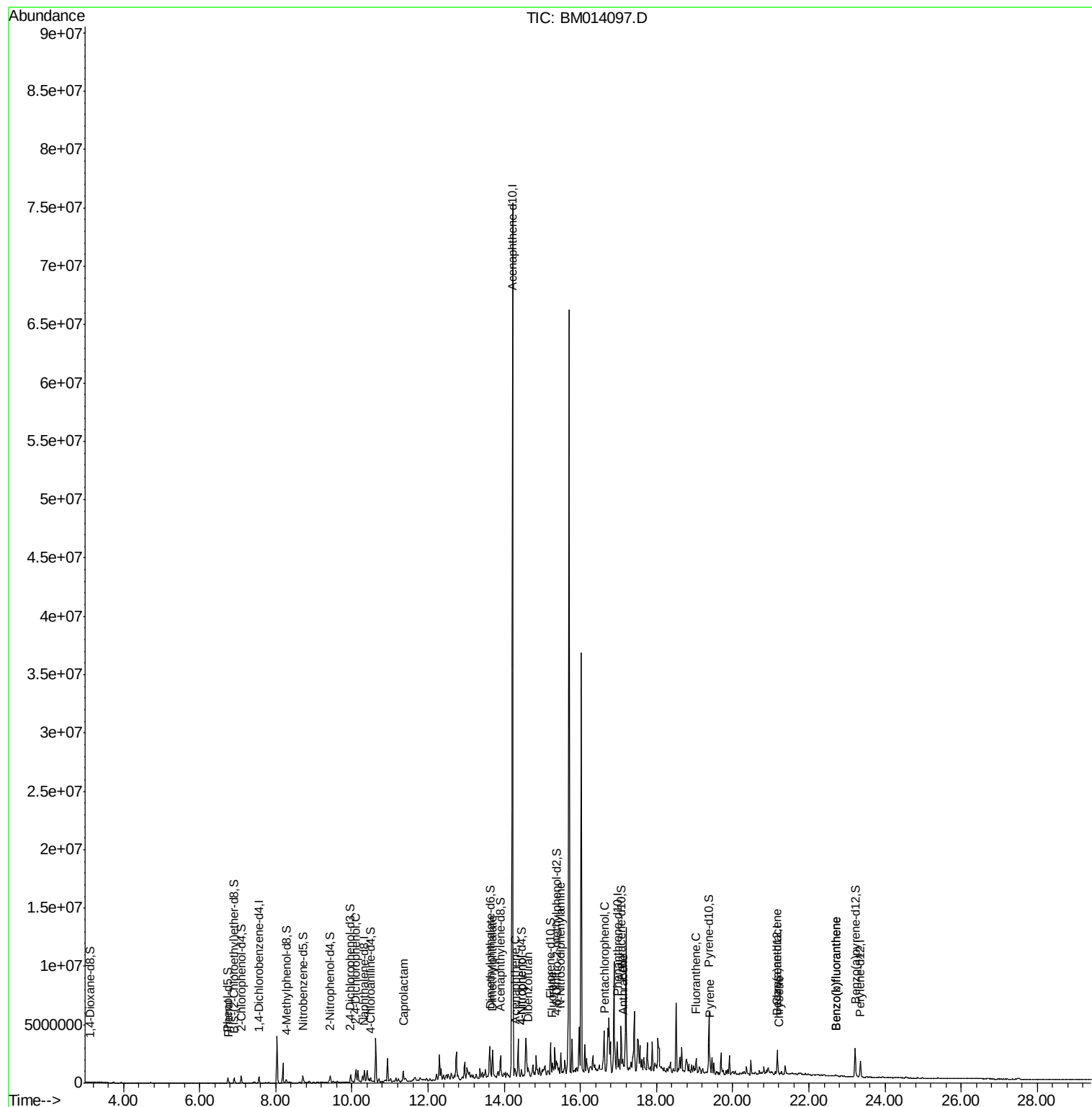
					Ovalue	
6) Phenol	6.77	94	10453	1.067	ng/ul#	76
27) 2,4-Dichlorophenol	10.11	162	84779	9.532	ng/ul#	31
32) Caprolactam	11.35	113	34544	14.146	ng/ul	77
44) Dimethylphthalate	13.68	163	180488	1.458	ng/ul	97
49) Acenaphthene	14.28	153	217791	2.147	ng/ul	96
52) 4-Nitrophenol	14.46	109	26721	1.253	ng/ul#	19
53) Dibenzofuran	14.62	168	304113	1.969	ng/ul	100
58) Fluorene	15.27	166	283728	2.203	ng/ul#	80
64) N-Nitrosodiphenylamine	15.49	169	33687	1.296	ng/ul#	45
68) Pentachlorophenol	16.64	266	10307	1.747	ng/ul#	83
71) Anthracene	17.10	178	198347	3.865	ng/ul#	76
74) Fluoranthene	19.04	202	678683	10.769	ng/ul	98
77) Pyrene	19.40	202	521901	9.073	ng/ul#	97
80) Benzo(a)anthracene	21.16	228	106979	1.781	ng/ul#	88
82) Chrysene	21.21	228	90173	1.598	ng/ul#	84
85) Benzo(b)fluoranthene	22.71	252	67701	1.142	ng/ul#	86
86) Benzo(k)fluoranthene	22.71	252	67701	1.161	ng/ul#	84

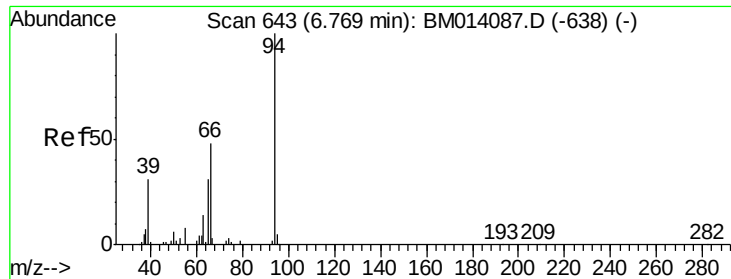
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.067 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

BNA_M

ClientSampled :

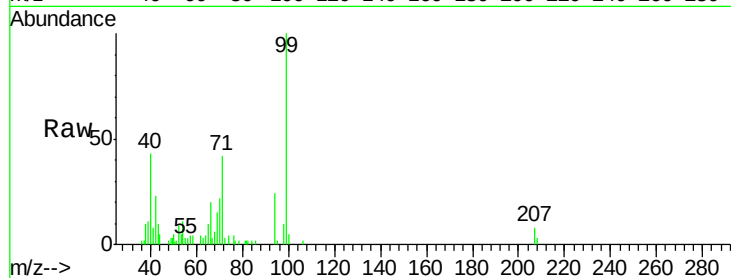
Tot Ion: 94 Resp: 10453

Ion Ratio Lower Upper

94 100

65 42.2 28.2 42.4

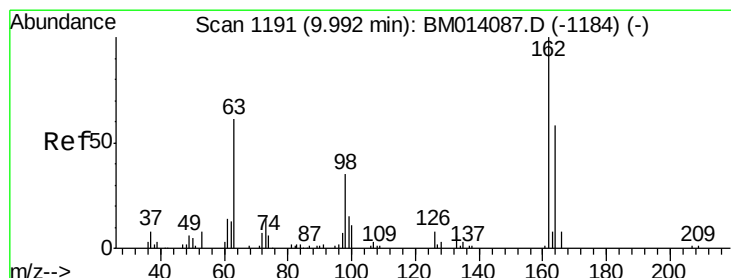
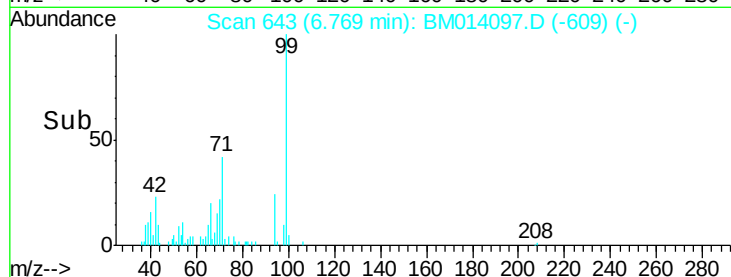
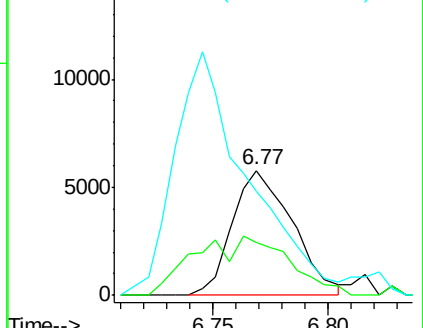
66 83.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014087.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM014087.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM014087.D (-638) (-)



#27

2,4-Dichlorophenol

Concen: 9.532 ng/ul

RT: 10.11 min Scan# 1211

Delta R.T. 0.12 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

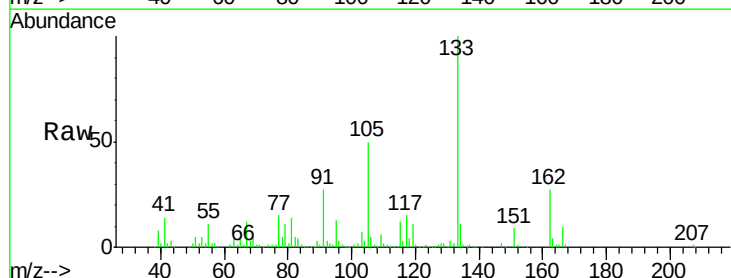
Tgt Ion: 162 Resp: 84779

Ion Ratio Lower Upper

162 100

164 2.0 47.8 71.6#

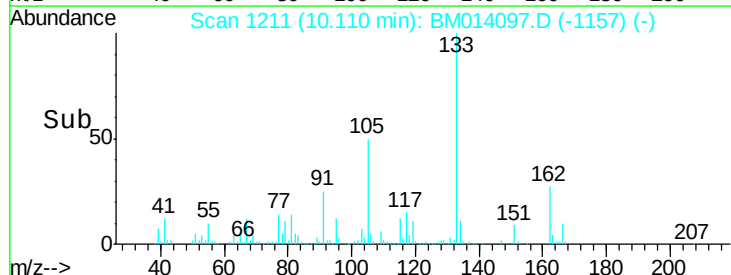
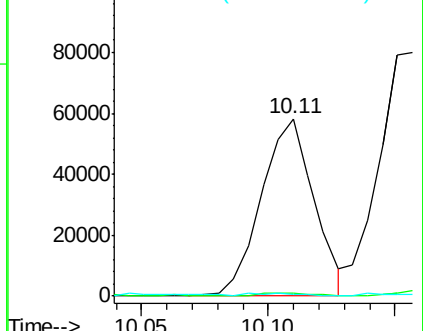
98 0.9 23.0 34.4#

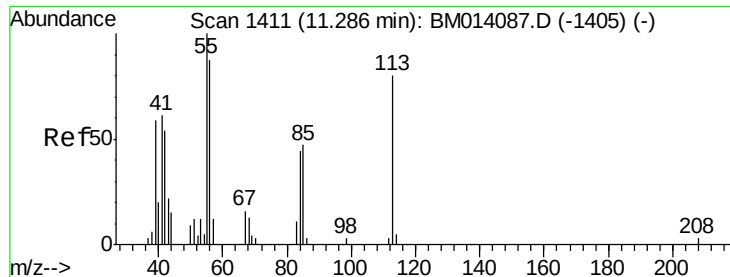


Abundance Ion 162.00 (161.70 to 162.70): BM014087.D (-1184) (-)

Ion 164.00 (163.70 to 164.70): BM014087.D (-1184) (-)

Ion 98.00 (97.70 to 98.70): BM014087.D (-1184) (-)

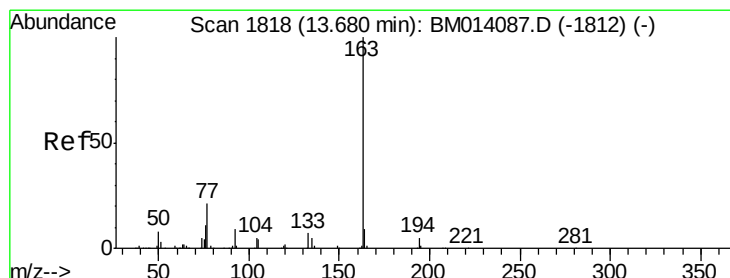
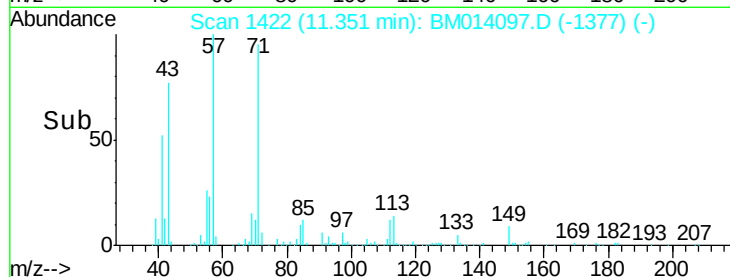
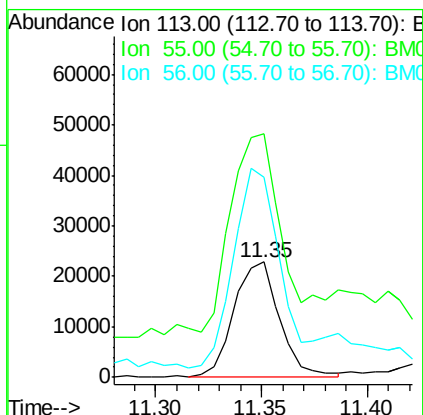
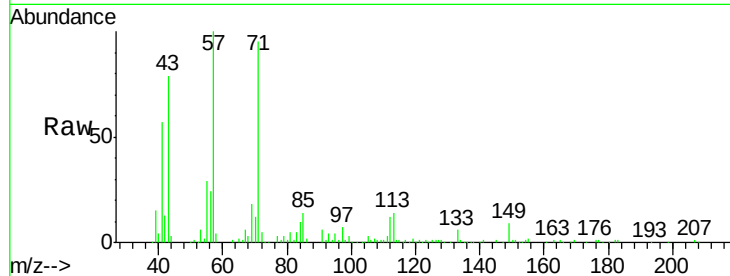




#32
 Caprolactam
 Concen: 14.146 ng/ul
 RT: 11.35 min Scan# 1422
 Delta R.T. 0.06 min
 Lab File: BM014097.D
 Acq: 02 Feb 2018 05:20

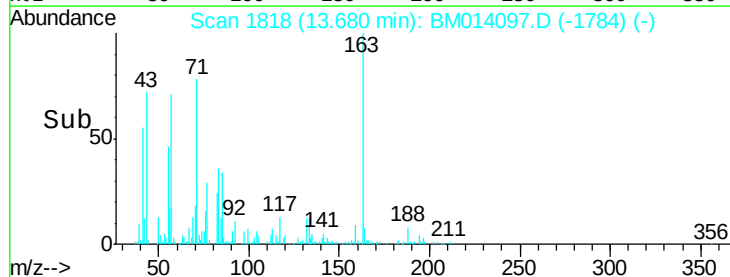
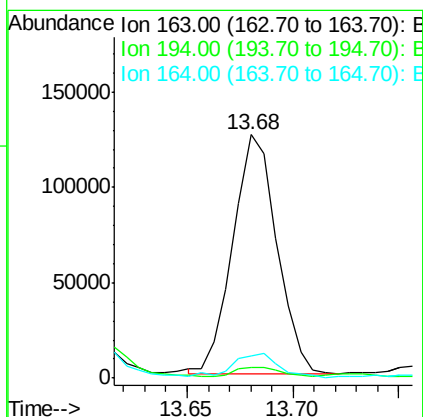
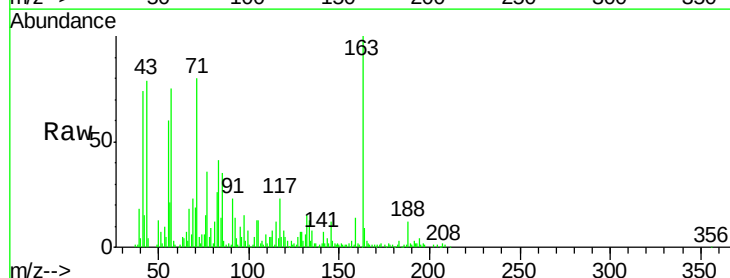
Instrument :
 BNA_M
 ClientSampleId :

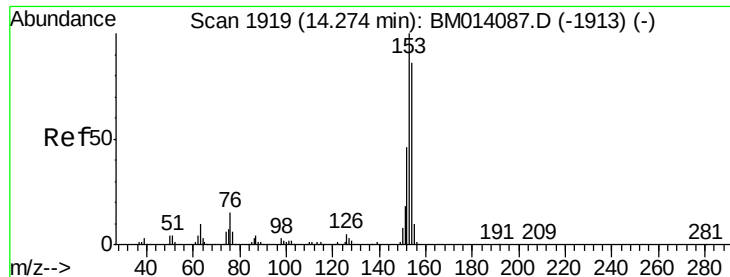
Tot Ion:113 Resp: 34544
 Ion Ratio Lower Upper
 113 100
 55 211.1 208.0 312.0
 56 173.0 160.0 240.0



#44
 Dimethylphthalate
 Concen: 1.458 ng/ul
 RT: 13.68 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BM014097.D
 Acq: 02 Feb 2018 05:20

Tgt Ion:163 Resp: 180488
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.5 5.3
 164 9.0 8.2 12.4





#49

Acenaphthene

Concen: 2.147 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

BNA_M

ClientSampleId :

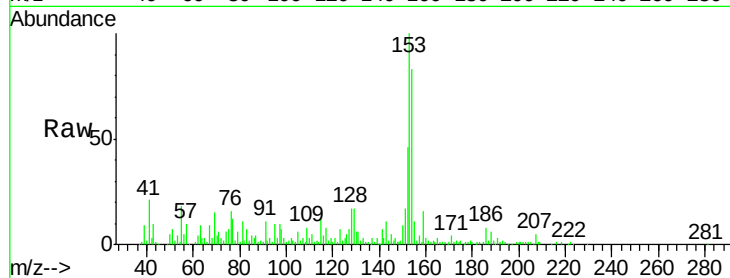
Tot Ion:153 Resp: 217791

Ion Ratio Lower Upper

153 100

152 46.1 37.6 56.4

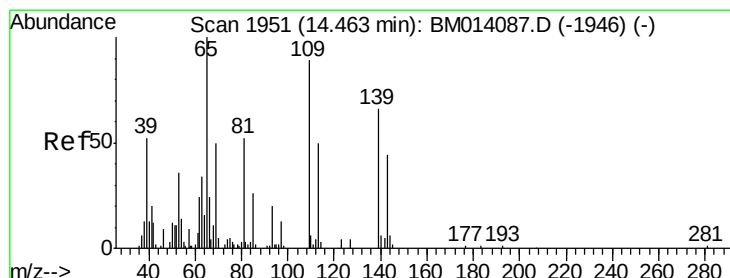
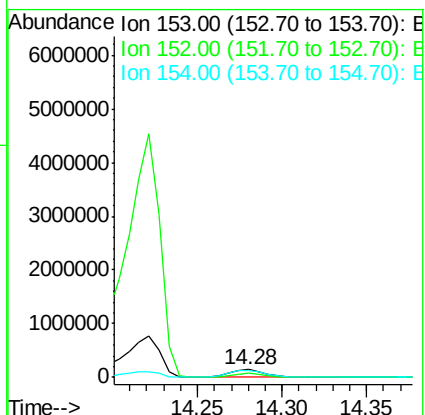
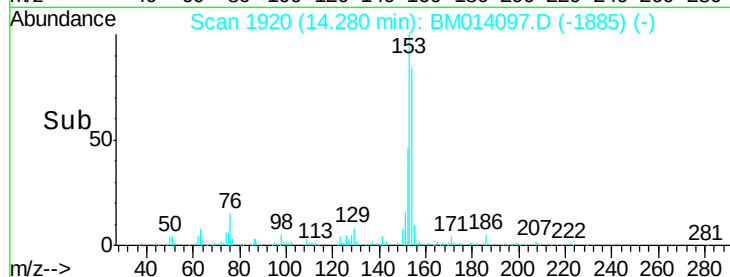
154 83.2 70.4 105.6



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



#52

4-Nitrophenol

Concen: 1.253 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

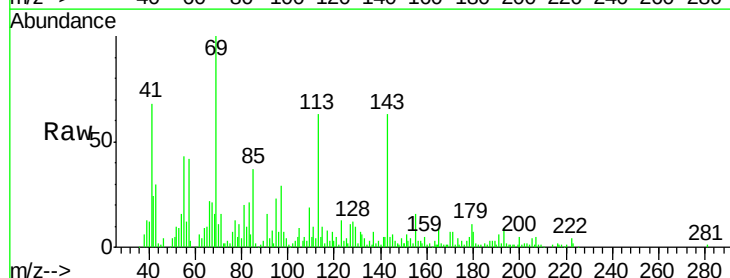
Tgt Ion:109 Resp: 26721

Ion Ratio Lower Upper

109 100

139 13.2 80.0 120.0#

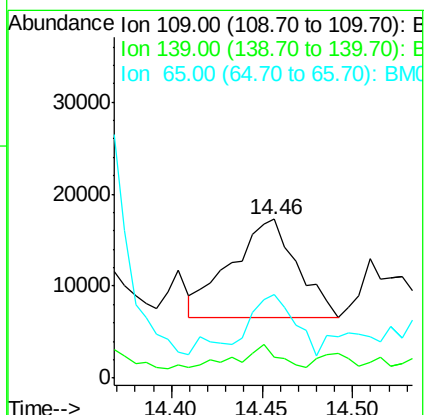
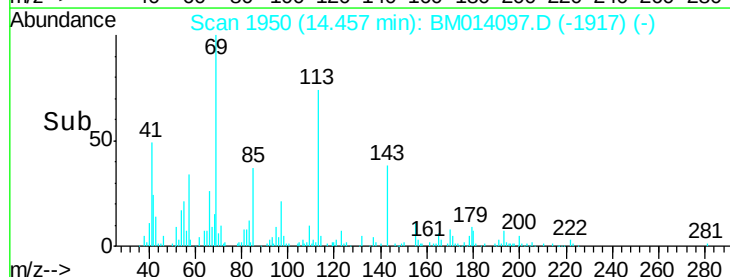
65 52.4 120.0 180.0#

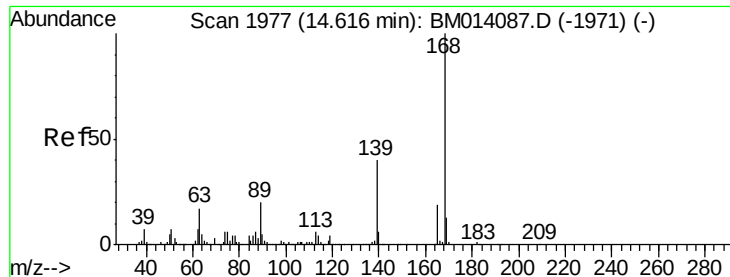


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzofuran

Concen: 1.969 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

BNA_M

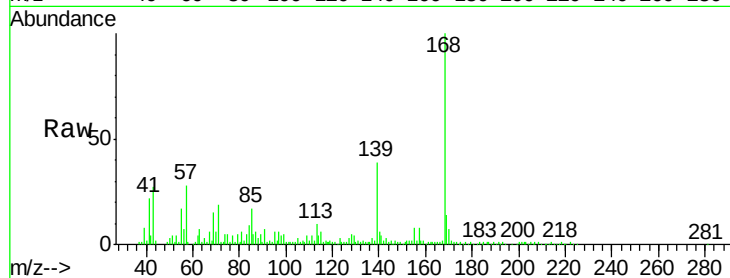
ClientSampleId :

Tot Ion:168 Resp: 304113

Ion Ratio Lower Upper

168 100

139 38.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.62

200000

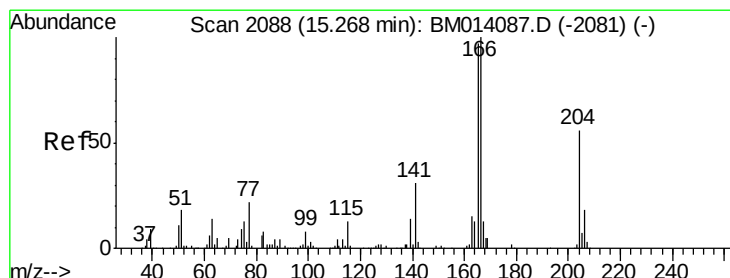
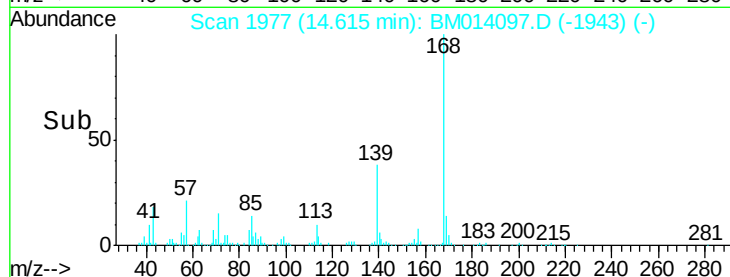
150000

100000

50000

0

Time--> 14.55 14.60 14.65



#58

Fluorene

Concen: 2.203 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

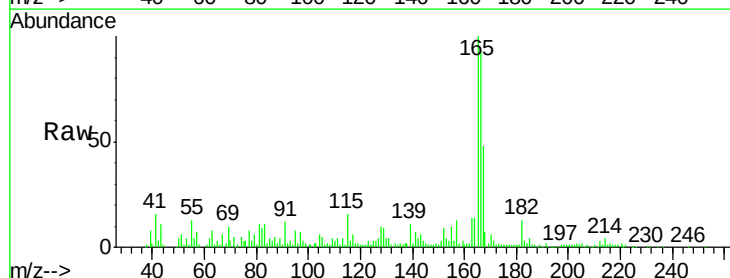
Tgt Ion:166 Resp: 283728

Ion Ratio Lower Upper

166 100

165 107.0 77.9 116.9

167 51.8 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

800000

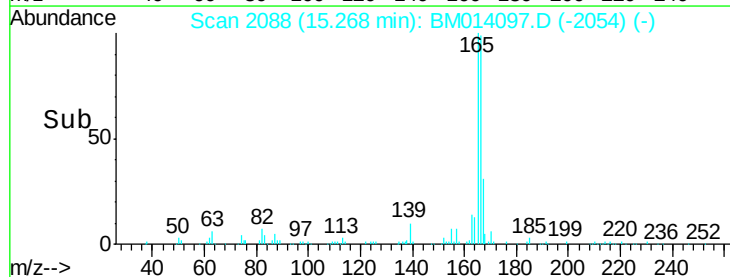
600000

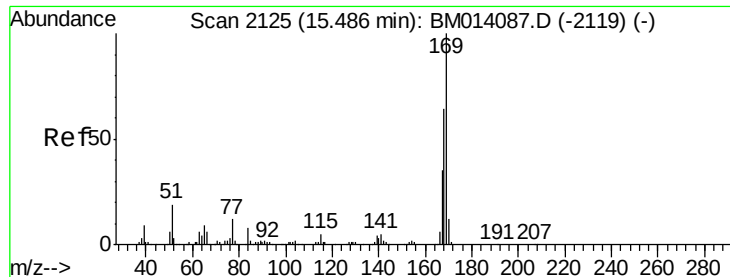
400000

200000

0

Time--> 15.20 15.25 15.30



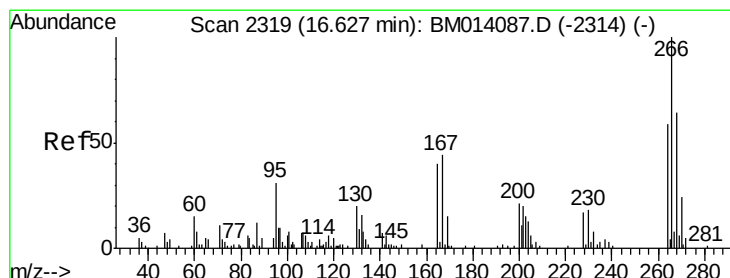
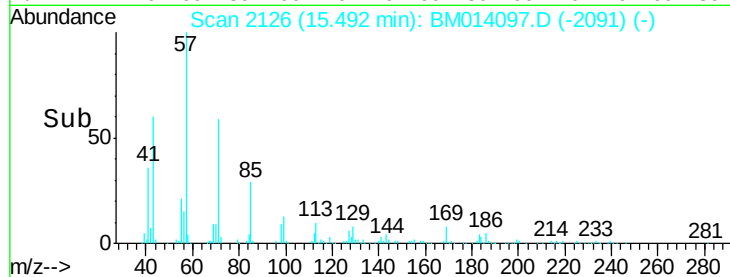
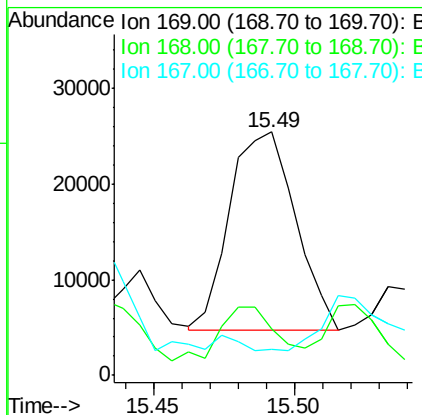
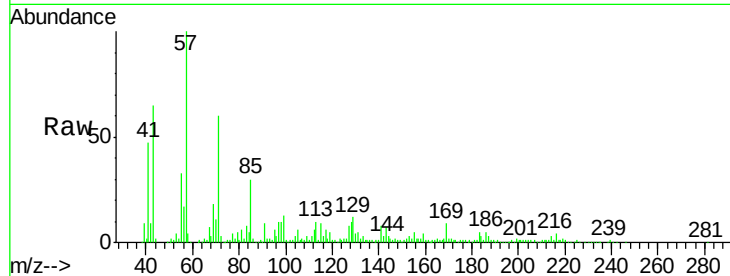


#64

N-Nitrosodiphenylamine
Concen: 1.296 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BM014097.D
Acq: 02 Feb 2018 05:20

Instrument :
BNA_M
ClientSampleId :

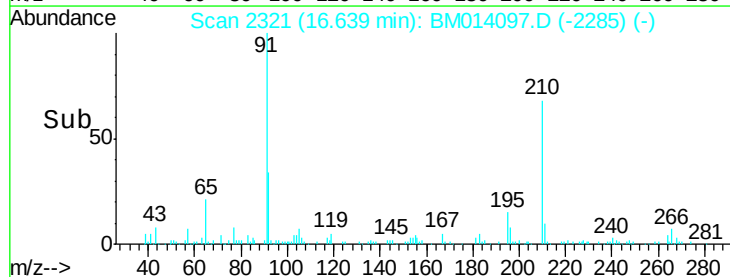
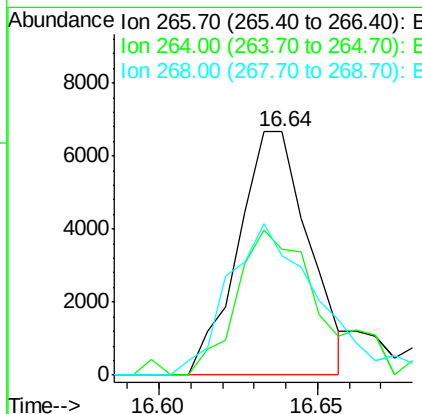
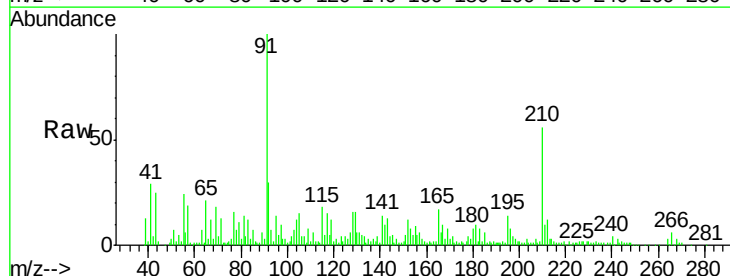
Tot Ion	Ratio	Lower	Upper
169	100		
168	19.0	54.0	81.0#
167	10.4	29.1	43.7#

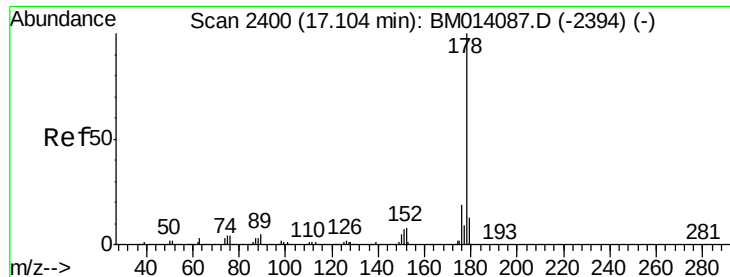


#68

Pentachlorophenol
Concen: 1.747 ng/ul
RT: 16.64 min Scan# 2321
Delta R.T. 0.01 min
Lab File: BM014097.D
Acq: 02 Feb 2018 05:20

Tgt Ion	Ratio	Lower	Upper
266	100		
264	51.5	49.3	73.9
268	49.3	52.6	78.8#

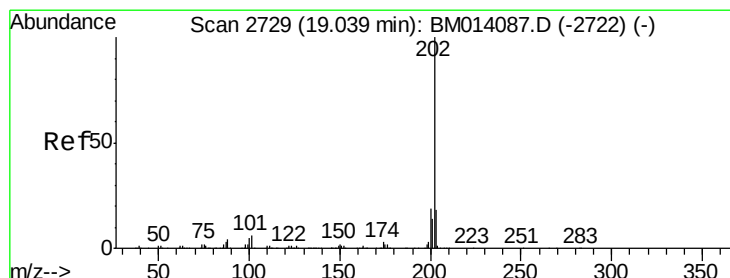
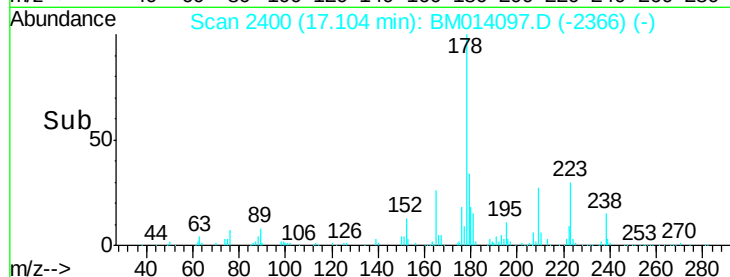
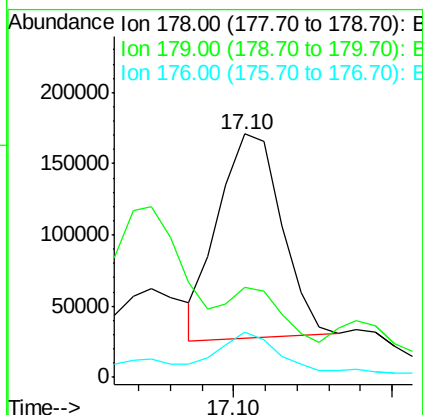
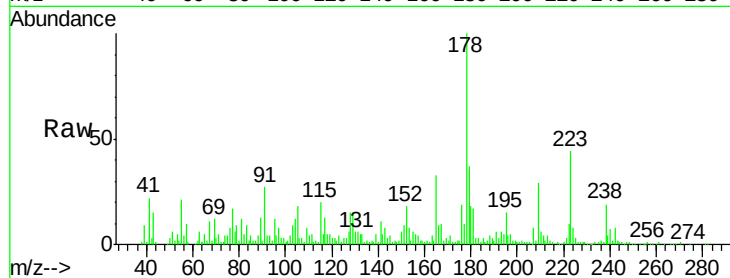




#71
 Anthracene
 Concen: 3.865 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM014097.D
 Acq: 02 Feb 2018 05:20

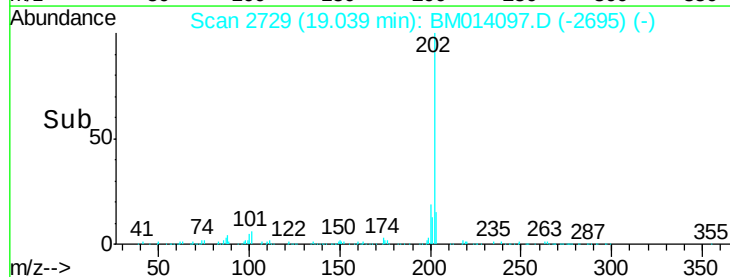
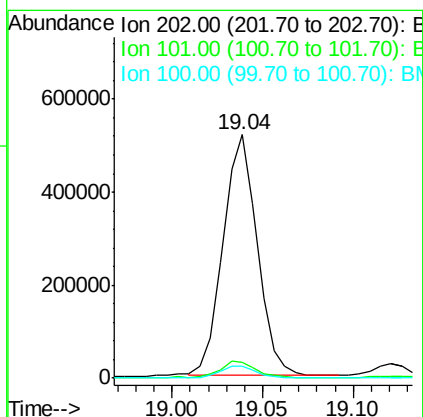
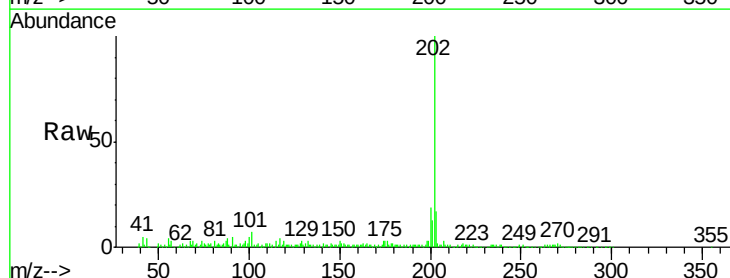
Instrument :
 BNA_M
 ClientSampleId :

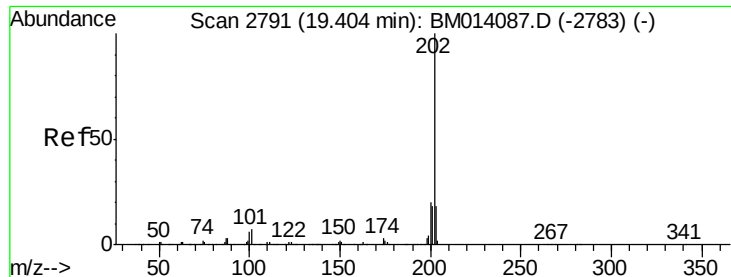
Tot Ion:178 Resp: 198347
 Ion Ratio Lower Upper
 178 100
 179 36.8 11.7 17.5#
 176 18.6 14.6 21.8



#74
 Fluoranthene
 Concen: 10.769 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM014097.D
 Acq: 02 Feb 2018 05:20

Tgt Ion:202 Resp: 678683
 Ion Ratio Lower Upper
 202 100
 101 6.6 4.6 7.0
 100 5.0 3.4 5.2





#77

Pvrene

Concen: 9.073 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

BNA_M

ClientSampled :

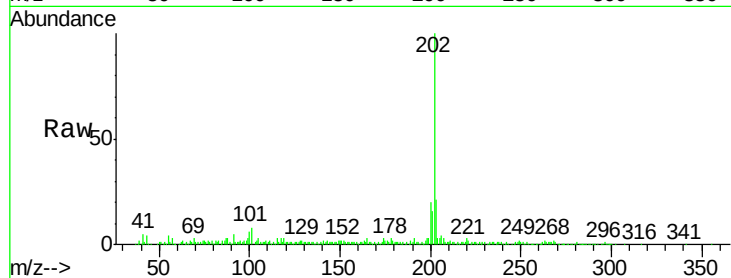
Tot Ion:202 Resp: 521901

Ion Ratio Lower Upper

202 100

101 8.4 5.1 7.7#

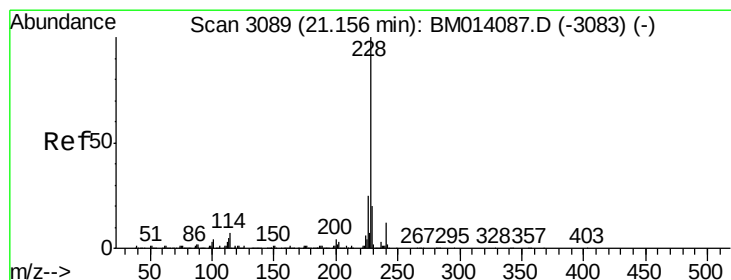
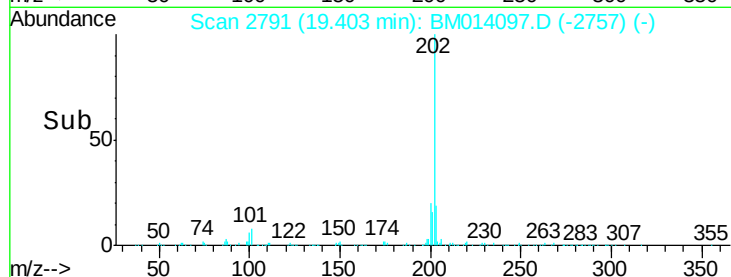
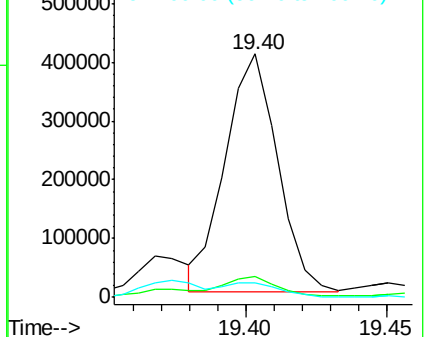
100 5.8 4.9 7.3



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



#80

Benzo(a)anthracene

Concen: 1.781 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

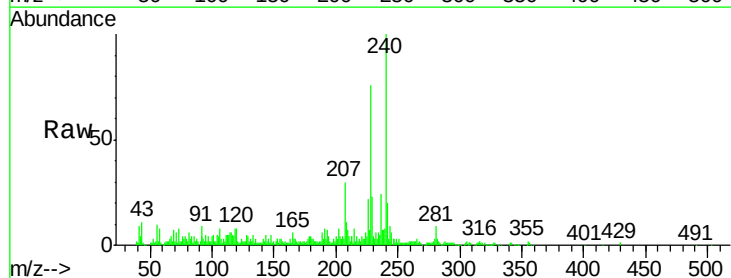
Tgt Ion:228 Resp: 106979

Ion Ratio Lower Upper

228 100

229 29.5 15.4 23.0#

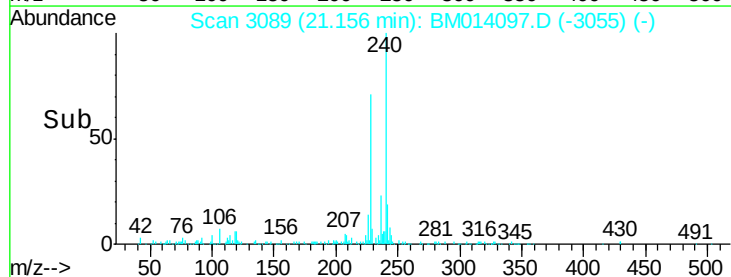
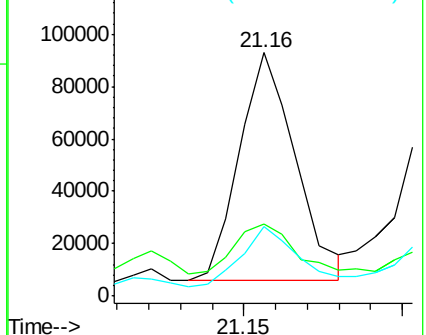
226 28.8 21.4 32.0

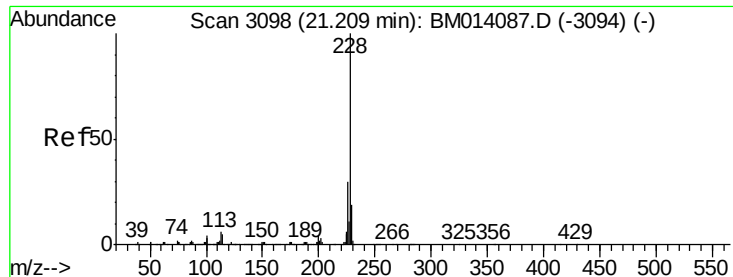


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.598 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

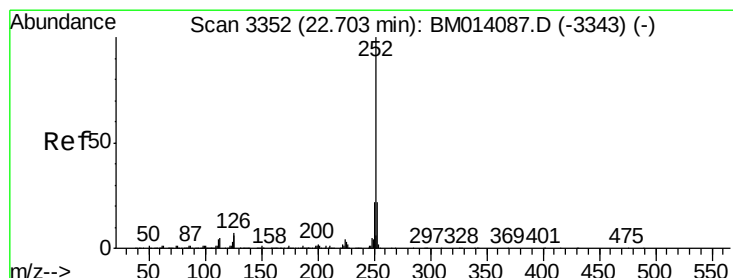
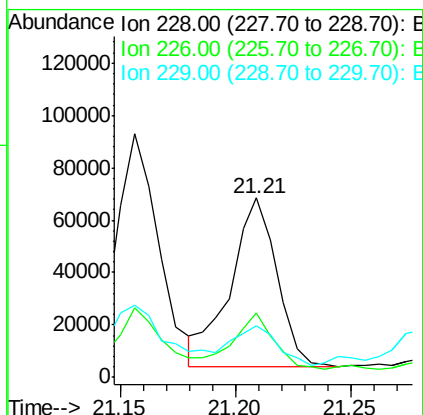
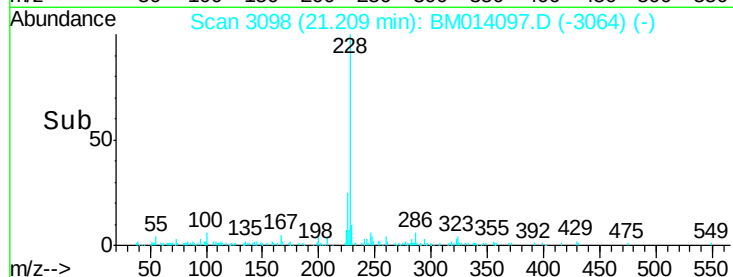
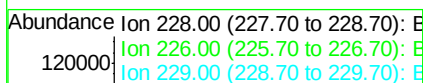
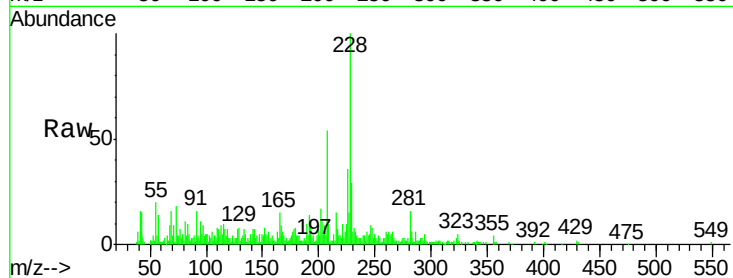
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 90173

Ion	Ratio	Lower	Upper
228	100		
226	35.7	23.4	35.2#
229	29.2	15.5	23.3#



#85

Benzo(b)fluoranthene

Concen: 1.142 ng/ul

RT: 22.71 min Scan# 3353

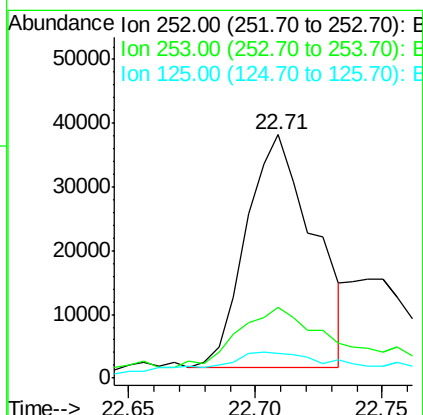
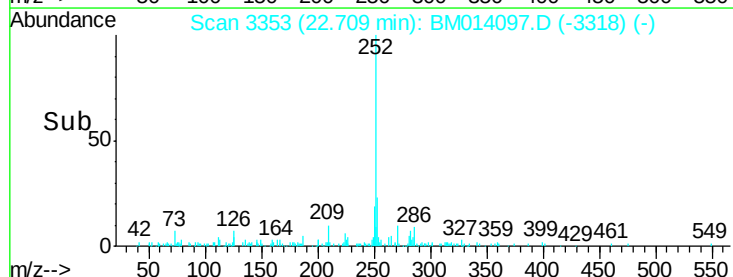
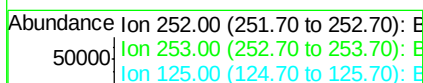
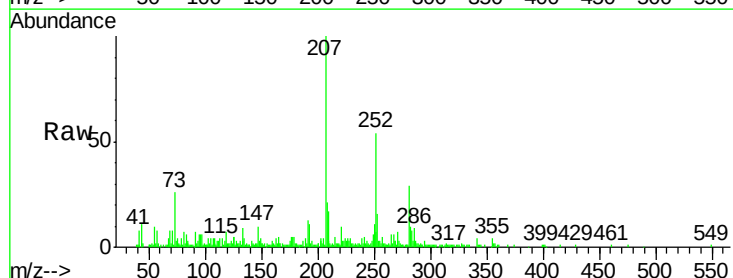
Delta R.T. 0.01 min

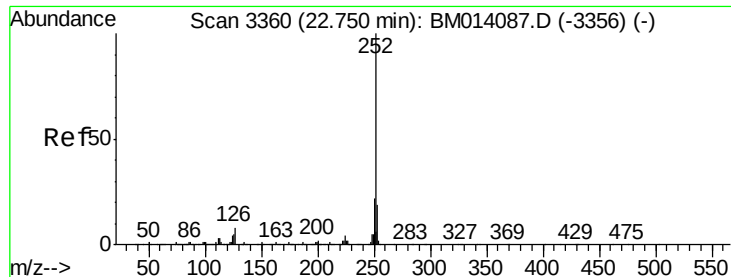
Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Tgt Ion:252 Resp: 67701

Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.9	26.9#
125	10.0	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 1.161 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 67701

Ion Ratio Lower Upper

252 100

253 29.1 17.1 25.7#

125 10.0 3.4 5.2#

