

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012737.D
 Acq On : 05 Nov 2017 09:01
 Operator : SJ/JU
 Sample : I5825-15MSD 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MSD

Quant Time: Nov 06 03:30:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	147849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	580386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	322603	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	633019	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	678359	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	779456	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2592	0.95	ng/uL	0.00
5) Phenol-d5	6.99	99	56823	5.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	33629	5.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	46167	5.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48767	5.14	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	25299	5.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	19519	3.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	44580	4.43	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	29490	3.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	169217	6.34	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	203758	6.17	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	137776	6.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	190575	6.23	ng/ul	0.00
78) Pyrene-d10	19.59	212	191506	6.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	227619	6.18	ng/ul	0.01

Target Compounds

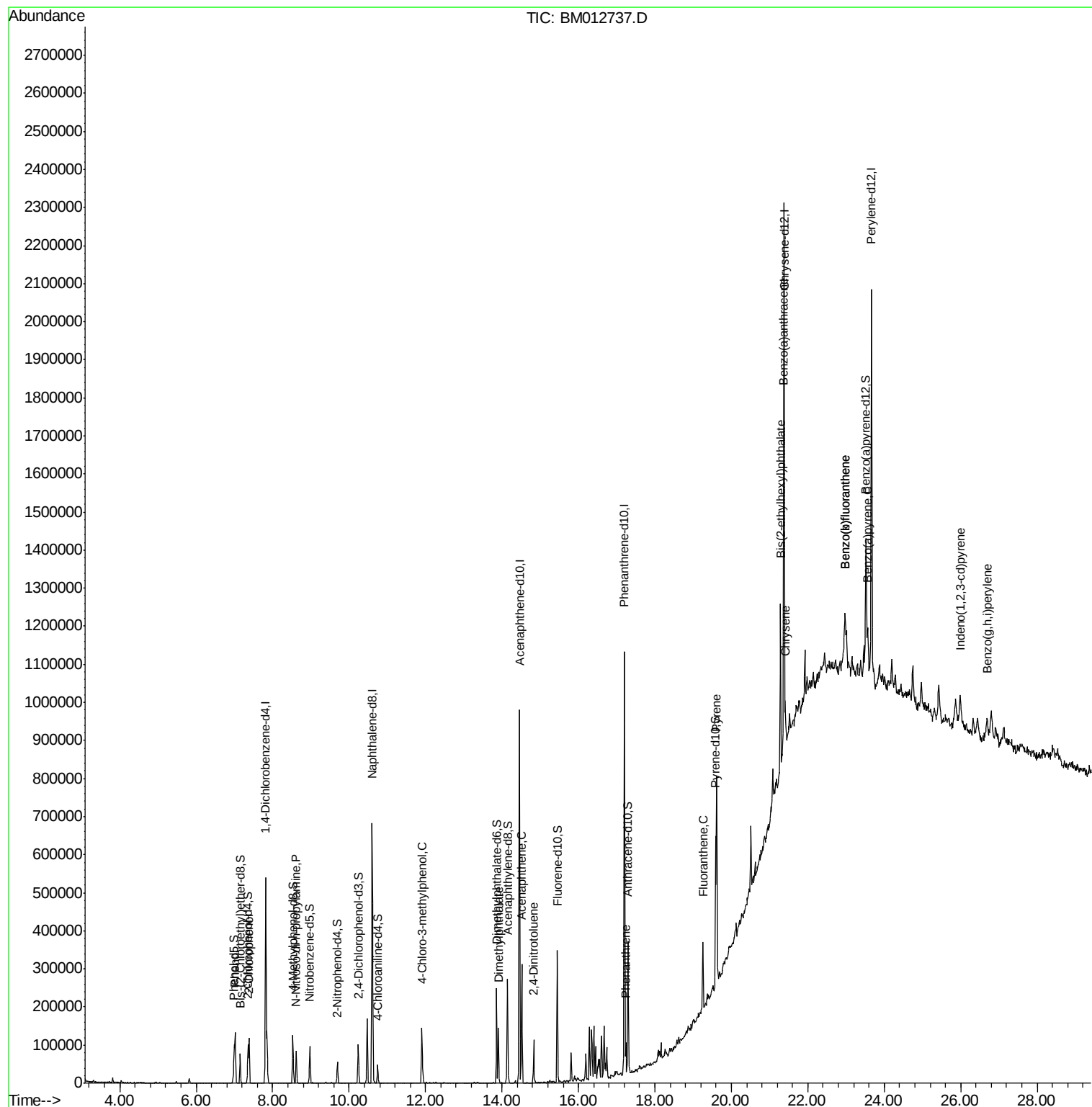
						Ovalue
6) Phenol	7.02	94	73790	6.53	ng/ul	95
10) 2-Chlorophenol	7.38	128	52648	5.58	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	34137	4.97	ng/ul	98
33) 4-Chloro-3-methylphenol	11.90	107	55620	5.83	ng/ul	99
44) Dimethylphthalate	13.90	163	96729	3.65	ng/ul	99
49) Acenaphthene	14.52	153	123992	5.69	ng/ul	97
54) 2,4-Dinitrotoluene	14.83	165	33658	4.32	ng/ul#	100
69) Phenanthrene	17.24	178	49453	1.43	ng/ul	99
76) Fluoranthene	19.26	202	107638	2.59	ng/ul#	91
79) Pyrene	19.62	202	322419	7.97	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	53602	1.31	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.29	149	157948	7.35	ng/ul#	94
84) Chrysene	21.42	228	66637	1.79	ng/ul#	91
87) Benzo(b)fluoranthene	22.98	252	113629	2.39	ng/ul#	85
88) Benzo(k)fluoranthene	22.98	252	113629	2.51	ng/ul#	84
90) Benzo(a)pyrene	23.56	252	69079	1.52	ng/ul#	78
91) Indeno(1,2,3-cd)pyrene	25.99	276	62809	1.15	ng/ul#	86
93) Benzo(g,h,i)perylene	26.70	276	60498	1.34	ng/ul	93

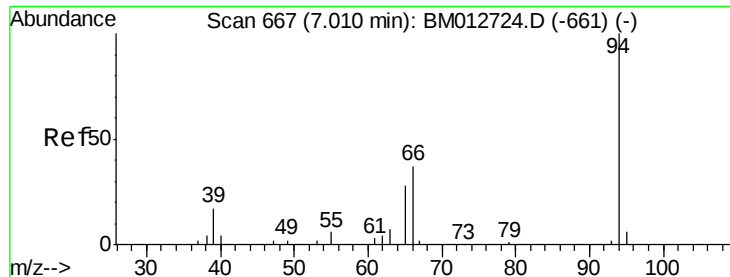
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 6.53 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD

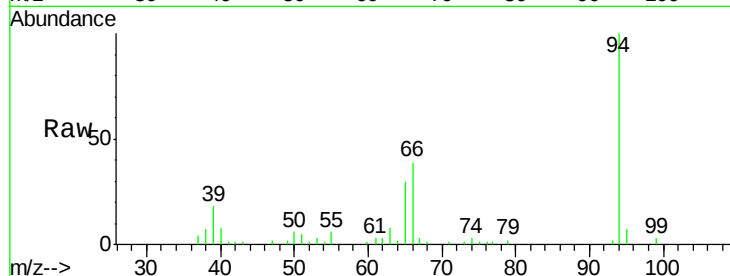
Tot Ion: 94 Resp: 73790

Ion Ratio Lower Upper

94 100

65 30.0 21.0 31.6

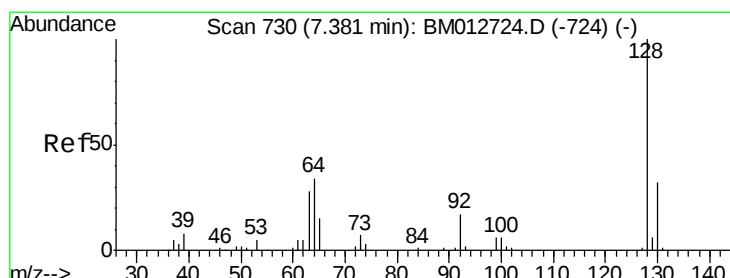
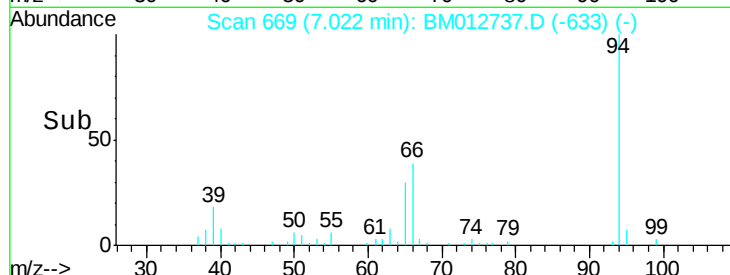
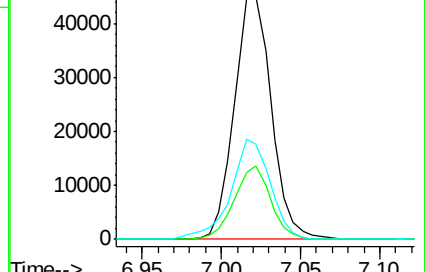
66 38.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012724.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM012724.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM012724.D (-661) (-)



#10

2-Chlorophenol

Concen: 5.58 ng/ul

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

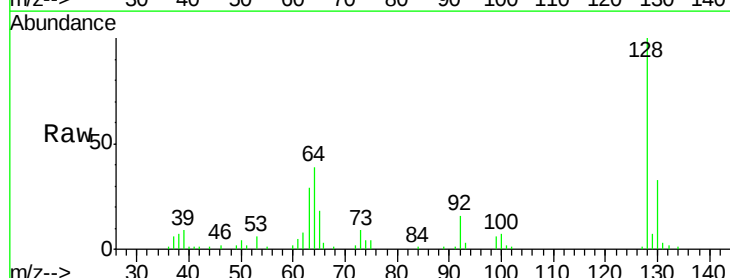
Tgt Ion: 128 Resp: 52648

Ion Ratio Lower Upper

128 100

64 39.5 31.9 47.9

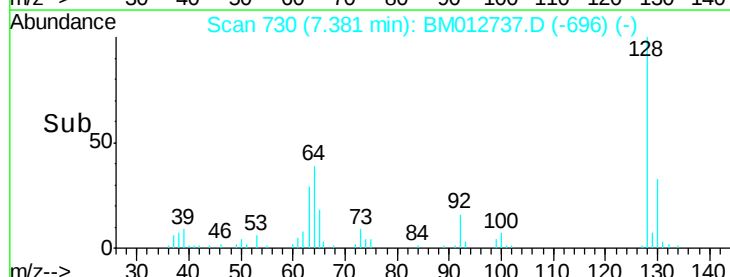
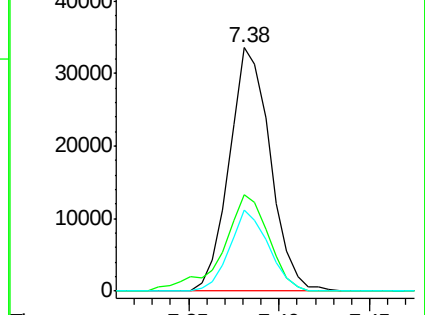
130 33.5 25.6 38.4

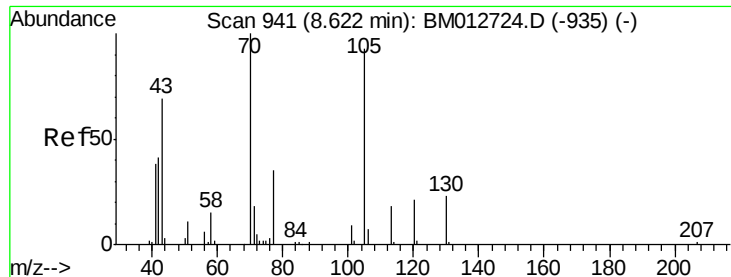


Abundance Ion 128.00 (127.70 to 128.70): BM012724.D (-724) (-)

Ion 64.00 (63.70 to 64.70): BM012724.D (-724) (-)

Ion 130.00 (129.70 to 130.70): BM012724.D (-724) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 4.97 ng/ul

RT: 8.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD

Tot Ion: 70 Resp: 34137

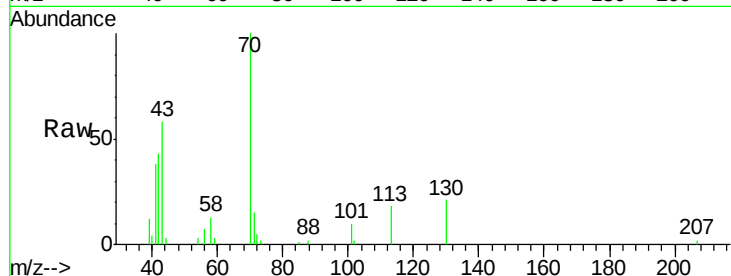
Ion Ratio Lower Upper

70 100

42 42.7 35.4 53.0

101 10.2 8.4 12.6

130 21.0 18.2 27.4

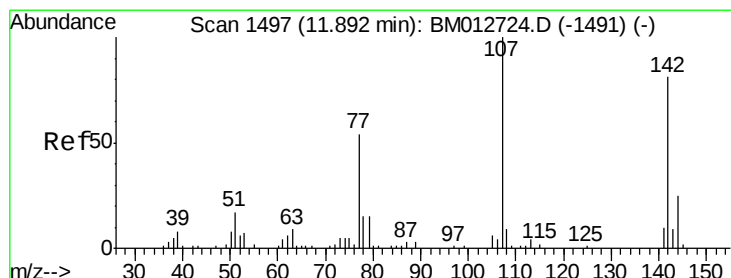
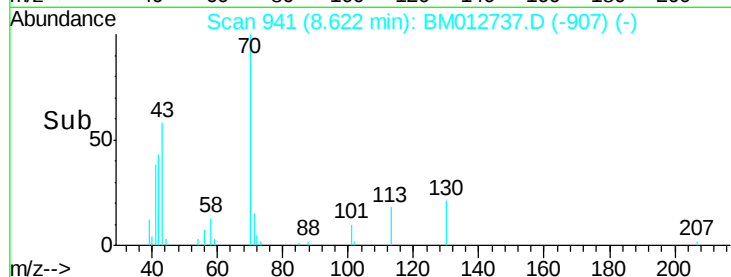
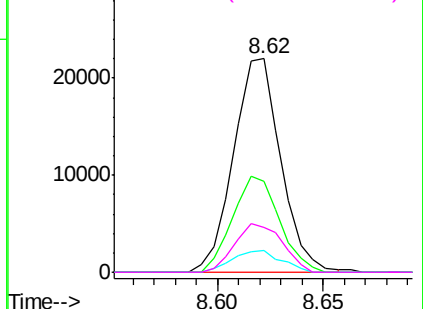


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 5.83 ng/ul

RT: 11.90 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

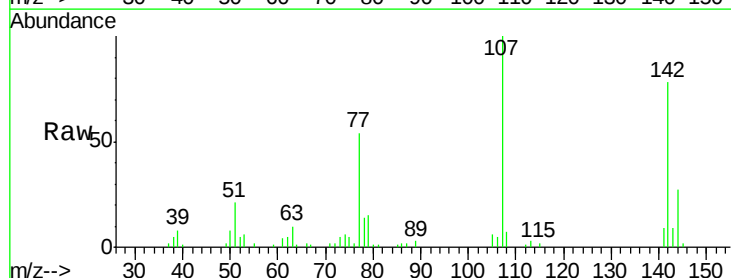
Tgt Ion: 107 Resp: 55620

Ion Ratio Lower Upper

107 100

144 26.6 20.4 30.6

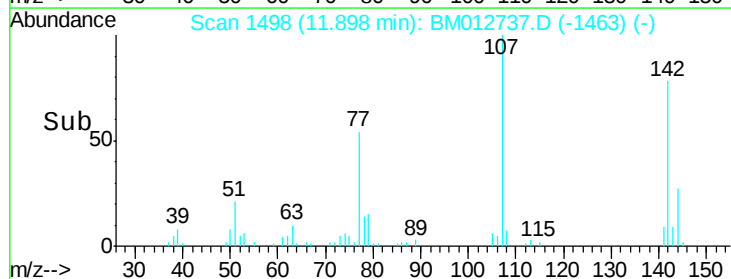
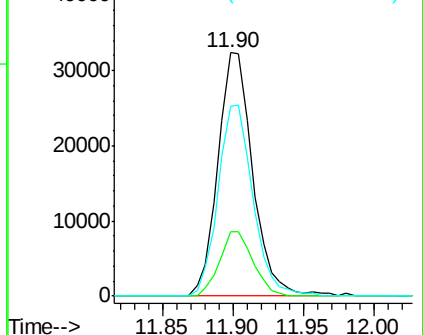
142 77.9 62.5 93.7

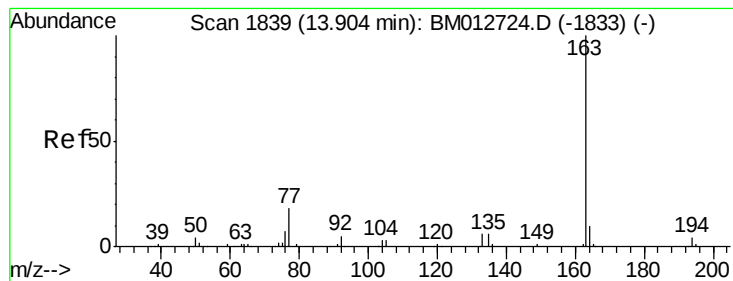


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 3.65 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD

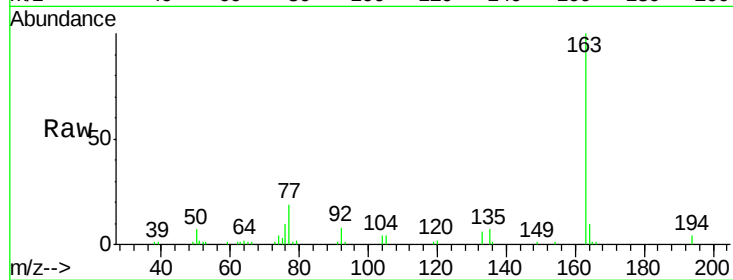
Tot Ion:163 Resp: 96729

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

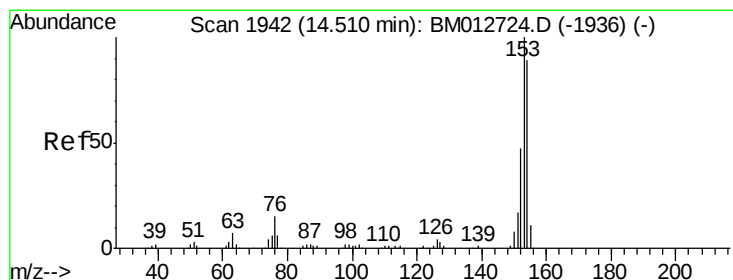
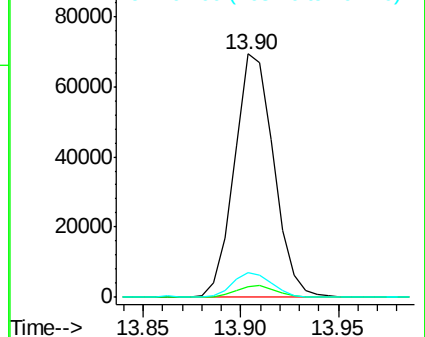
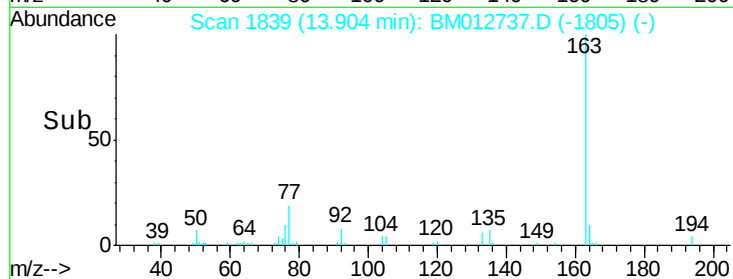
164 10.1 7.8 11.8



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



#49

Acenaphthene

Concen: 5.69 ng/ul

RT: 14.52 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

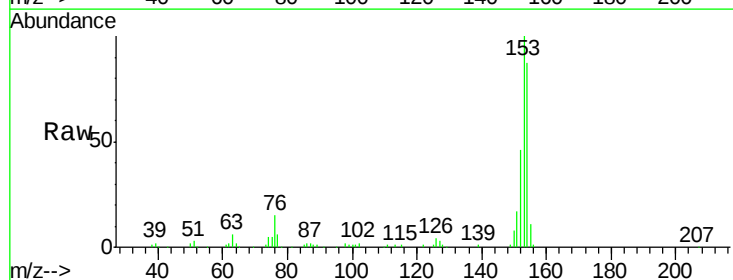
Tgt Ion:153 Resp: 123992

Ion Ratio Lower Upper

153 100

152 46.0 38.3 57.5

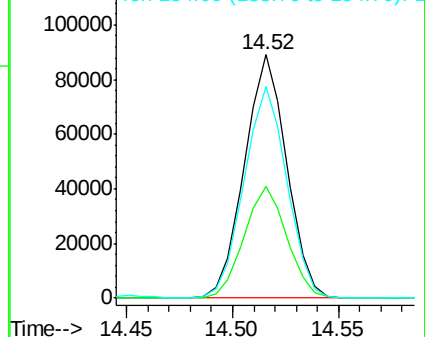
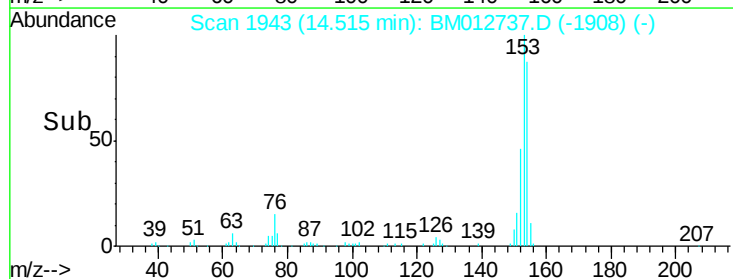
154 86.8 71.8 107.8

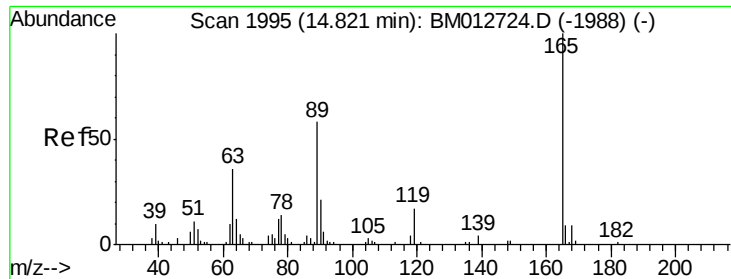


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

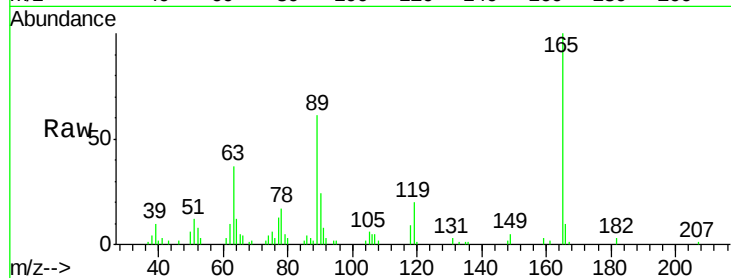




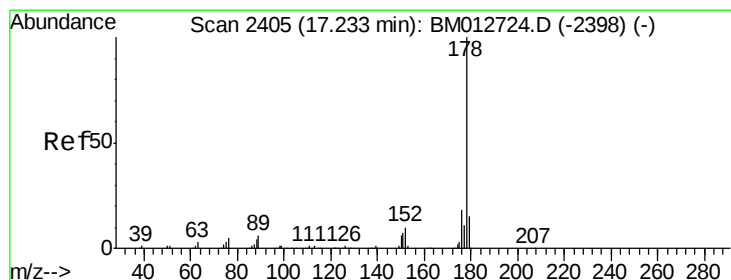
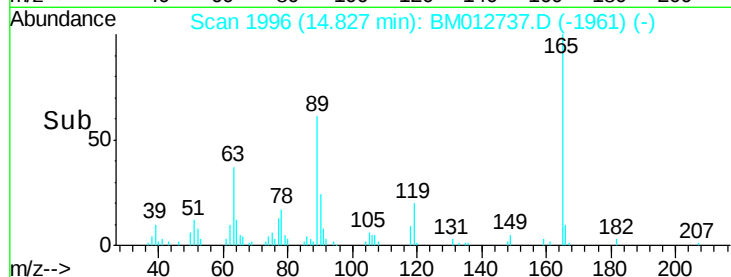
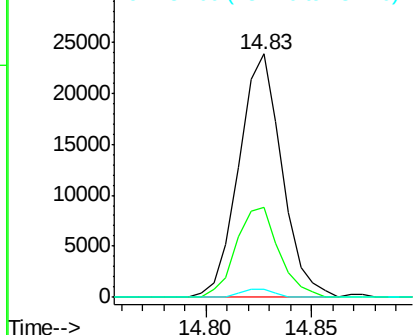
#54
 2,4-Dinitrotoluene
 Concen: 4.32 ng/ul
 RT: 14.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BM012737.D
 Acq: 05 Nov 2017 09:01

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	29.8	44.6
182	3.4	2.2	3.4

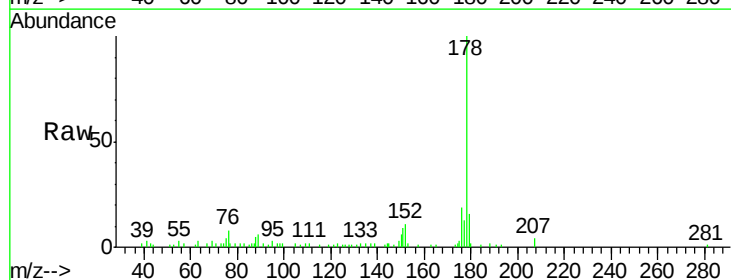


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM012737.D (-1961) (-)
 Ion 182.00 (181.70 to 182.70): E

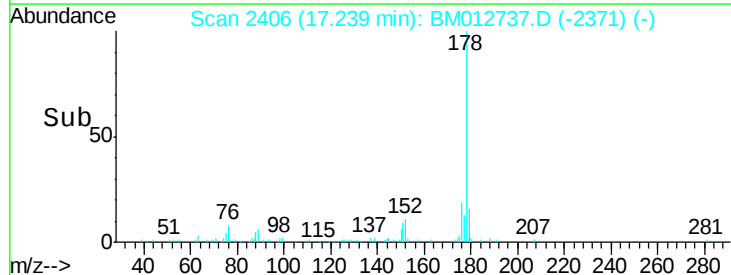
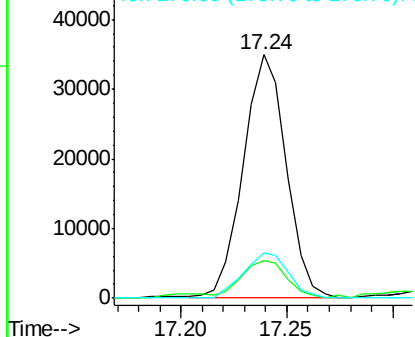


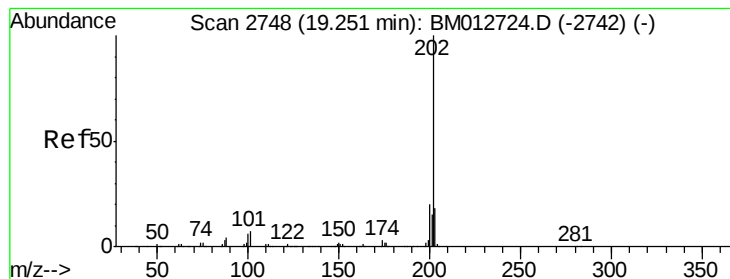
#69
 Phenanthrene
 Concen: 1.43 ng/ul
 RT: 17.24 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BM012737.D
 Acq: 05 Nov 2017 09:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.8	15.6	23.4



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





#76

Fluoranthene

Concen: 2.59 ng/ul

RT: 19.26 min Scan# 2749

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD

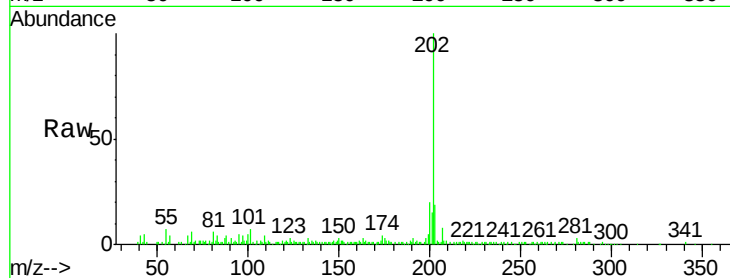
Tot Ion:202 Resp: 107638

Ion Ratio Lower Upper

202 100

101 7.2 8.8 13.2#

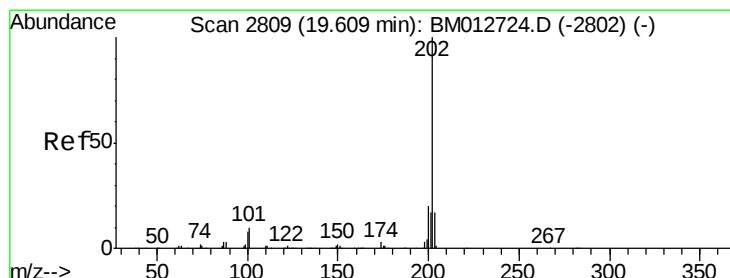
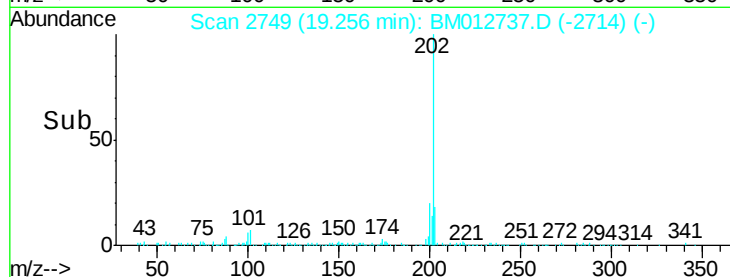
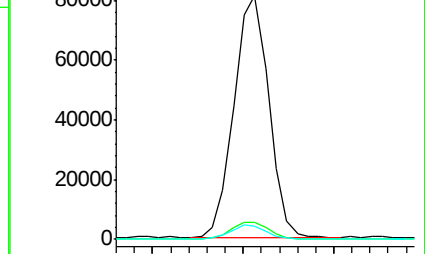
100 5.5 6.6 9.8#



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



#79

Pyrene

Concen: 7.97 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

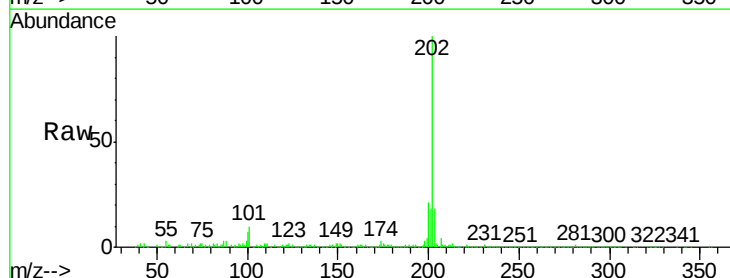
Tgt Ion:202 Resp: 322419

Ion Ratio Lower Upper

202 100

101 9.6 10.2 15.2#

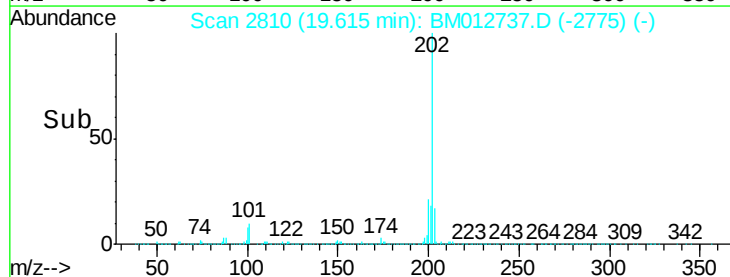
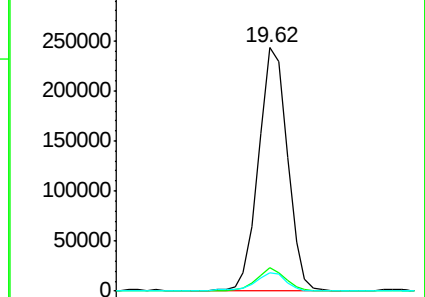
100 7.5 8.5 12.7#

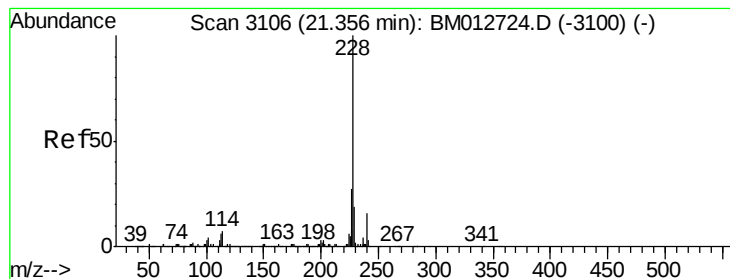


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.31 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

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ClientSampleId :

B-19(0-1)-101117MSD

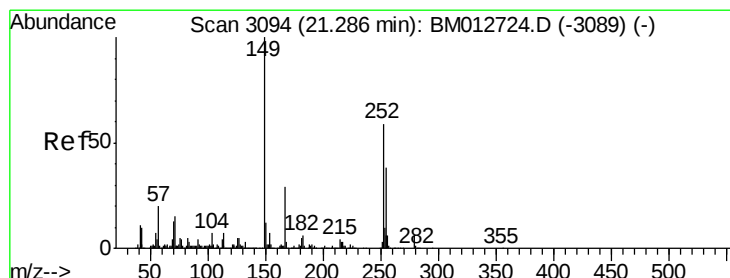
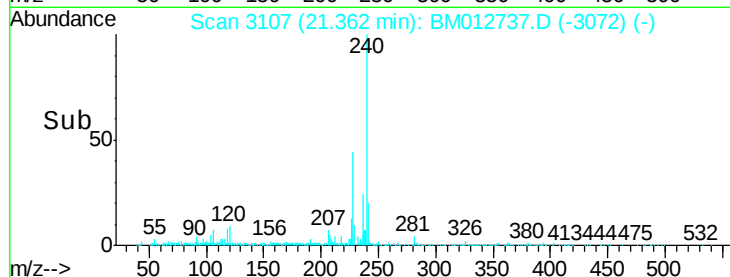
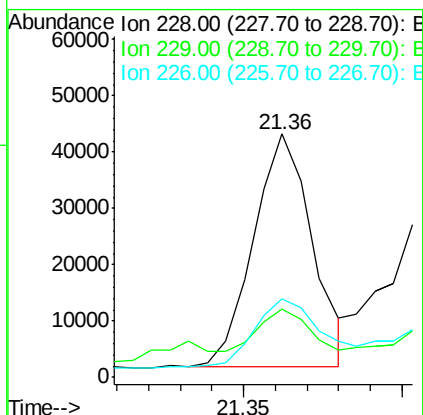
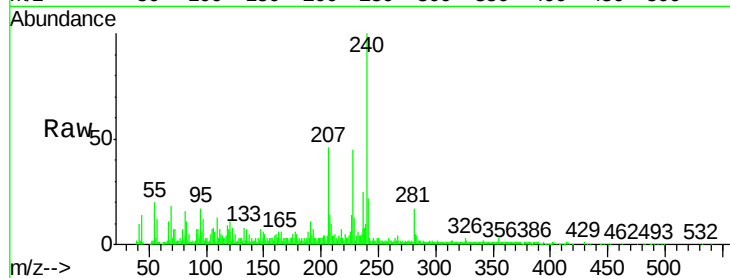
Tot Ion:228 Resp: 53602

Ion Ratio Lower Upper

228 100

229 28.2 15.7 23.5#

226 32.0 21.8 32.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.35 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

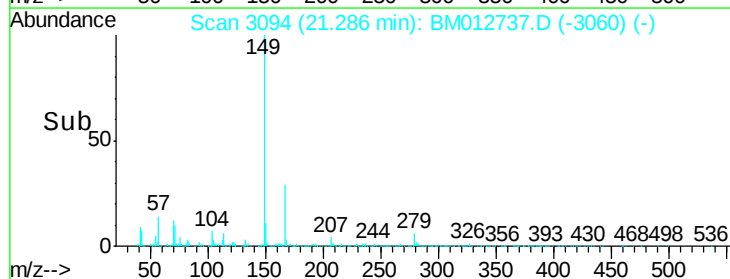
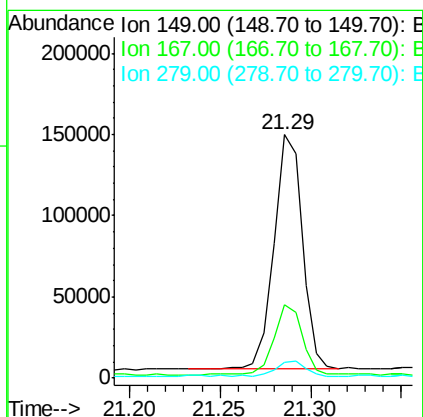
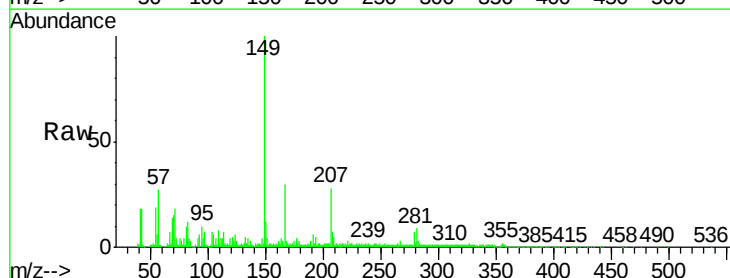
Tgt Ion:149 Resp: 157948

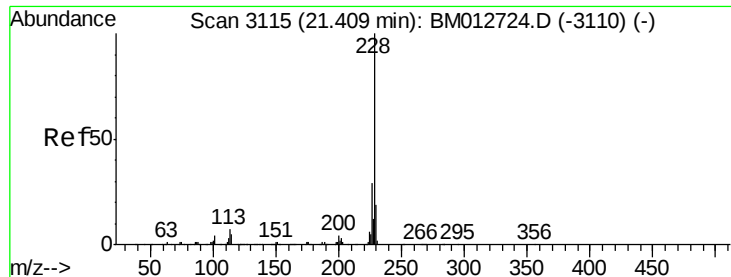
Ion Ratio Lower Upper

149 100

167 29.9 21.6 32.4

279 6.6 3.0 4.4#





#84

Chrysene

Concen: 1.79 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD

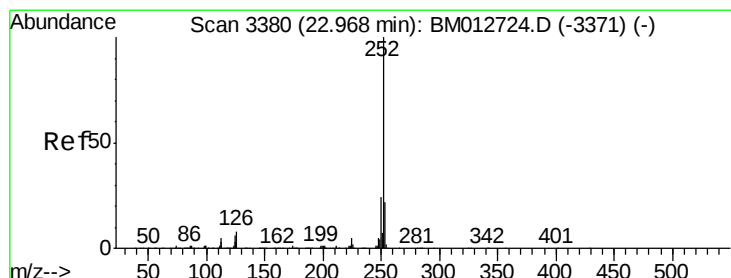
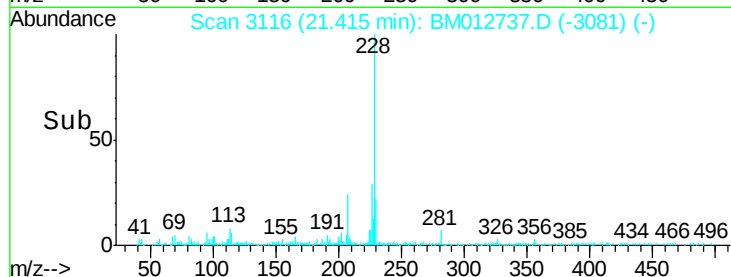
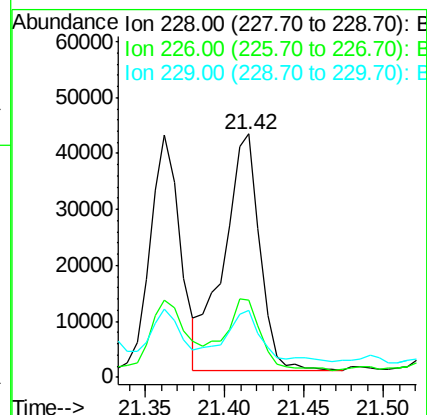
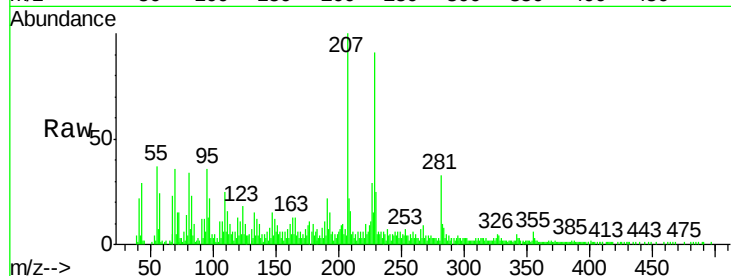
Tot Ion:228 Resp: 66637

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

229 27.4 15.6 23.4#



#87

Benzo(b)fluoranthene

Concen: 2.39 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

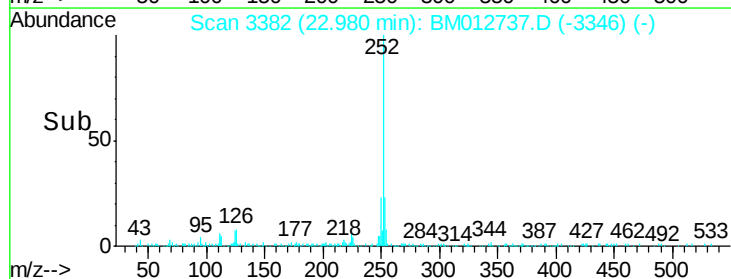
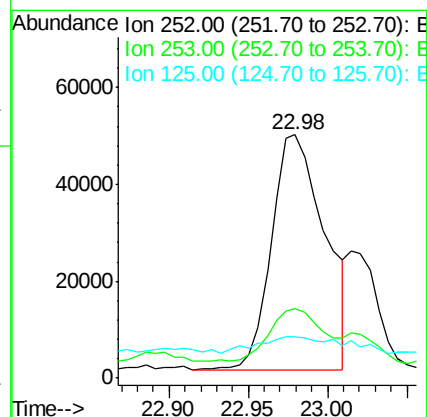
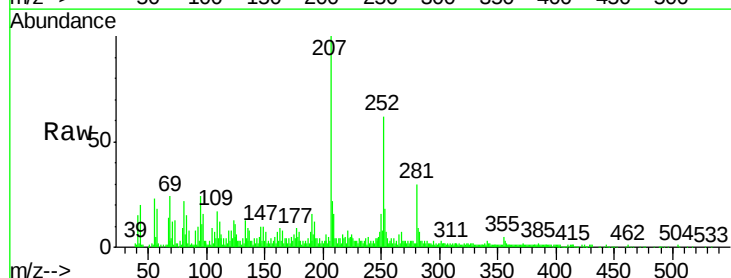
Tgt Ion:252 Resp: 113629

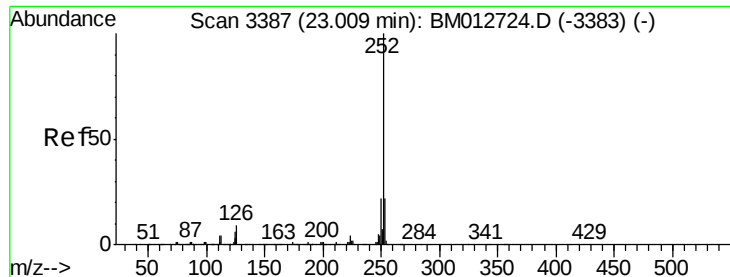
Ion Ratio Lower Upper

252 100

253 28.8 17.5 26.3#

125 17.0 8.5 12.7#





#88

Benzo(k)fluoranthene

Concen: 2.51 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. -0.03 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD

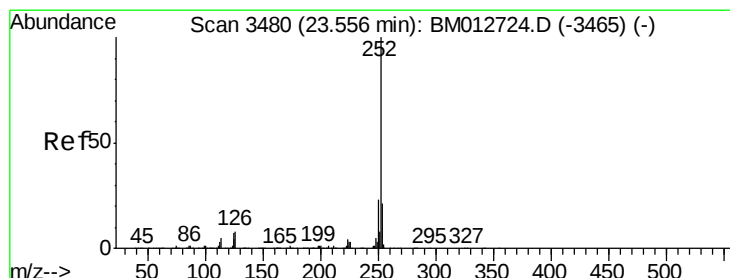
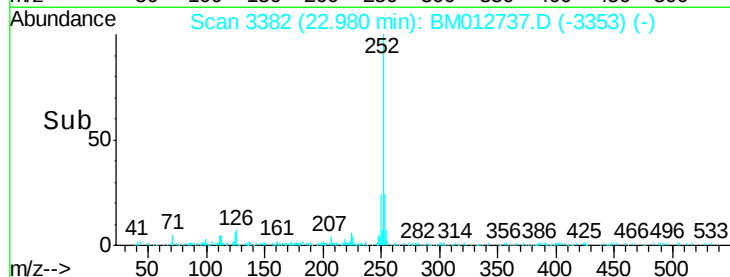
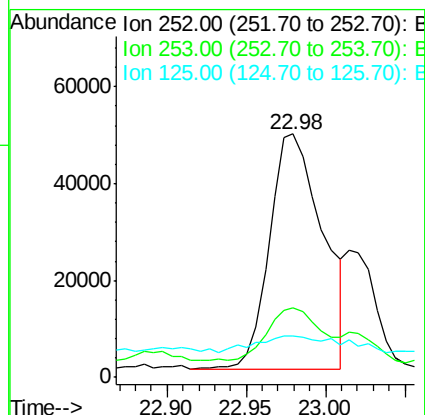
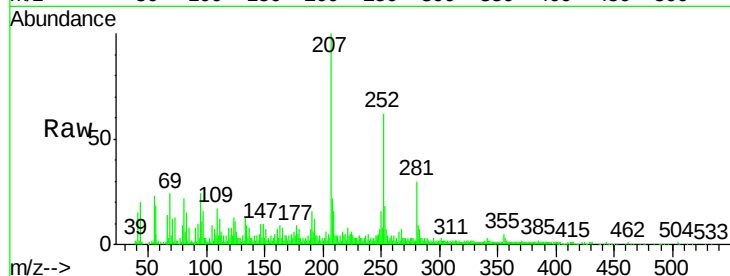
Tot Ion:252 Resp: 113629

Ion Ratio Lower Upper

252 100

253 28.8 17.3 25.9#

125 17.0 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 1.52 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

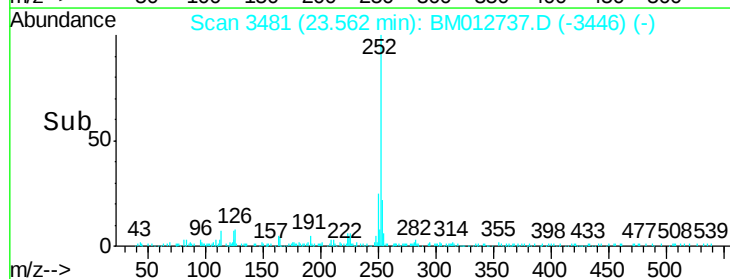
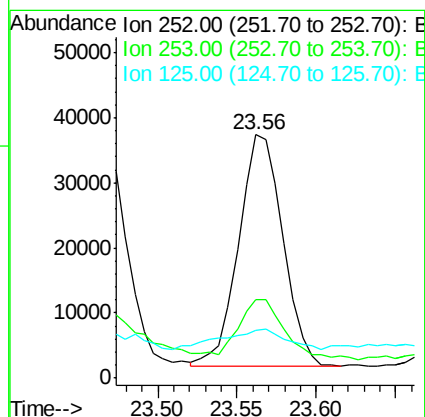
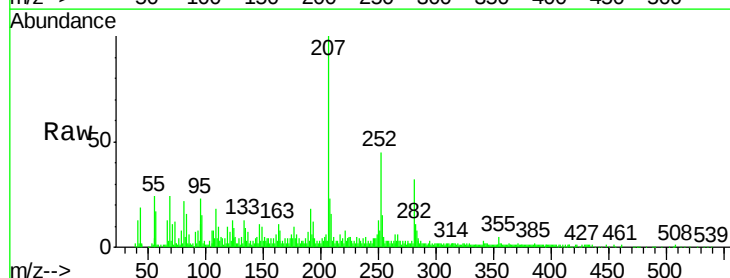
Tgt Ion:252 Resp: 69079

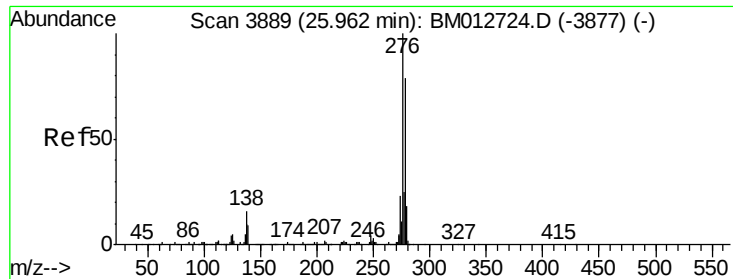
Ion Ratio Lower Upper

252 100

253 32.1 17.2 25.8#

125 19.7 9.0 13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.15 ng/ul

RT: 25.99 min Scan# 3893

Delta R.T. 0.02 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD

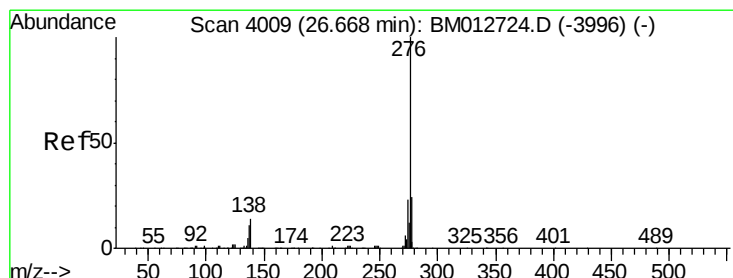
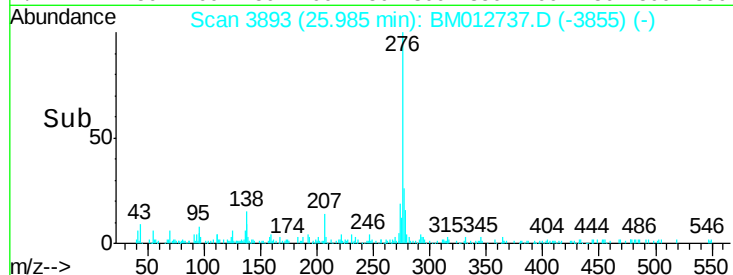
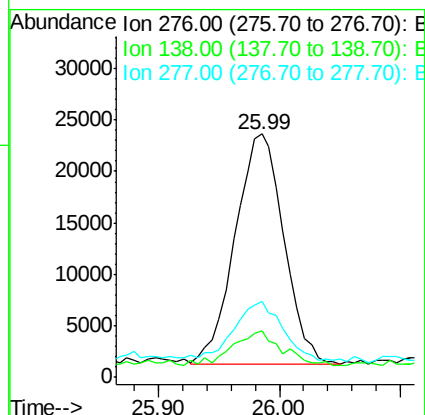
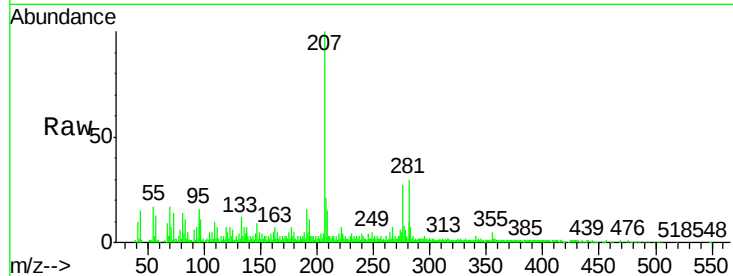
Tot Ion:276 Resp: 62809

Ion Ratio Lower Upper

276 100

138 19.0 22.3 33.5#

277 31.0 20.2 30.2#



#93

Benzo(g,h,i)perylene

Concen: 1.34 ng/ul

RT: 26.70 min Scan# 4014

Delta R.T. 0.03 min

Lab File: BM012737.D

Acq: 05 Nov 2017 09:01

Tgt Ion:276 Resp: 60498

Ion Ratio Lower Upper

276 100

138 20.4 18.9 28.3

277 27.6 19.2 28.8

