

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012736.D
 Acq On : 05 Nov 2017 08:26
 Operator : SJ/JU
 Sample : I5825-14MS 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Nov 06 03:29:48 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	109978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	423035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	236930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	487408	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	532249	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	610845	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2367	1.16	ng/uL	0.00
5) Phenol-d5	6.99	99	45965	5.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	28917	6.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	35784	5.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	33209	4.70	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	22837	7.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	10374	2.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	29796	4.06	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	22262	3.15	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	146315	7.46	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	178081	7.34	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	124481	7.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	182433	7.75	ng/ul	0.00
78) Pyrene-d10	19.59	212	194148	7.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	220305	7.63	ng/ul	0.01

Target Compounds

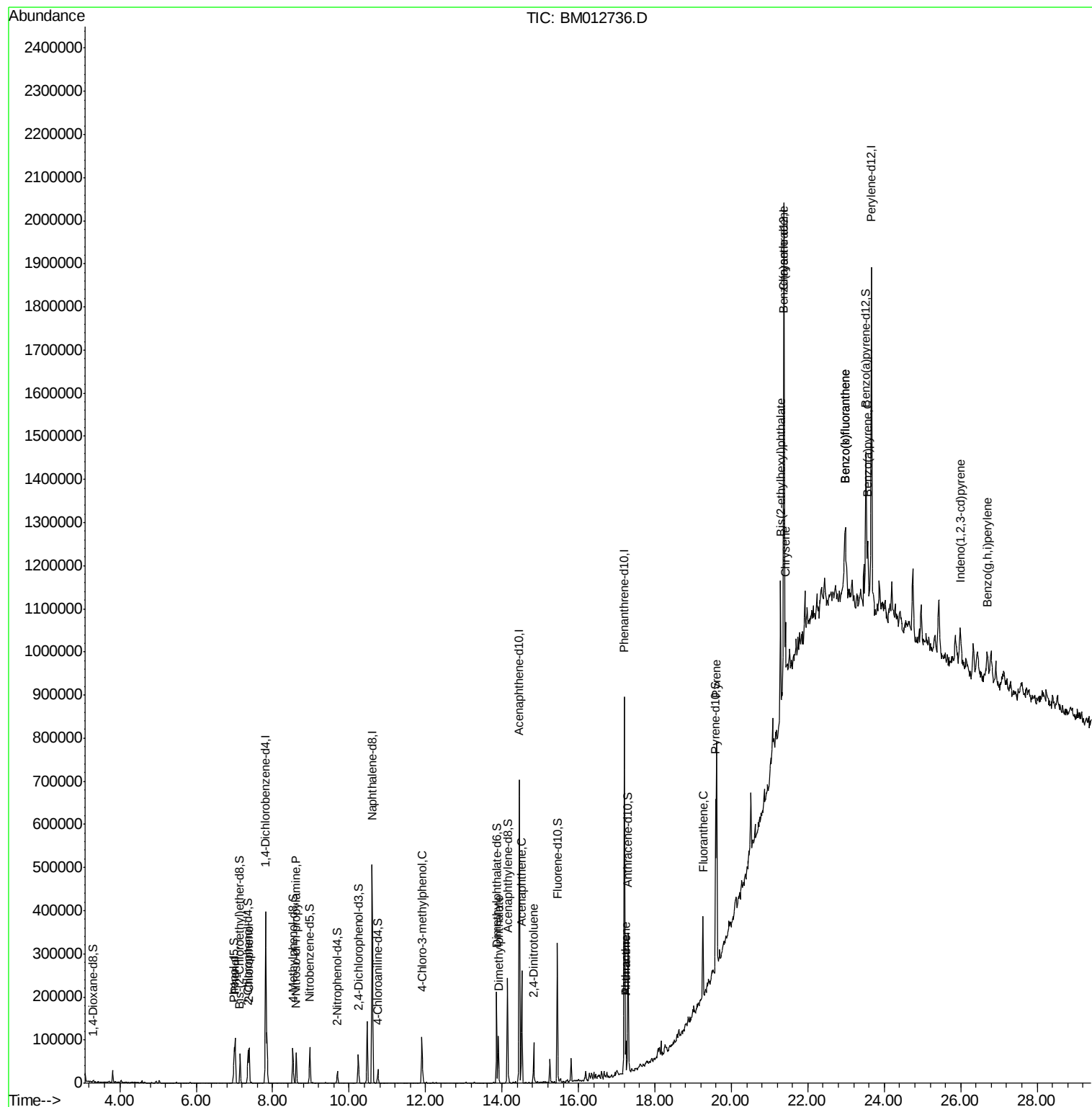
						Ovalue
6) Phenol	7.02	94	58151	6.92	ng/ul	95
10) 2-Chlorophenol	7.39	128	39582	5.64	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	27520	5.39	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	40920	5.89	ng/ul	92
44) Dimethylphthalate	13.91	163	75280	3.87	ng/ul	99
49) Acenaphthene	14.52	153	104250	6.51	ng/ul	95
54) 2,4-Dinitrotoluene	14.83	165	28627	5.00	ng/ul#	97
69) Phenanthrene	17.24	178	44514	1.67	ng/ul	98
71) Anthracene	17.24	178	44514	1.61	ng/ul	99
76) Fluoranthene	19.26	202	114722	3.58	ng/ul#	90
79) Pyrene	19.62	202	317058	9.98	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	69661	2.16	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.29	149	101766	6.03	ng/ul#	92
84) Chrysene	21.41	228	79311	2.72	ng/ul#	92
87) Benzo(b)fluoranthene	22.98	252	130071	3.48	ng/ul#	88
88) Benzo(k)fluoranthene	22.98	252	130071	3.67	ng/ul#	87
90) Benzo(a)pyrene	23.56	252	79054	2.23	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.99	276	68223	1.59	ng/ul#	88
93) Benzo(g,h,i)perylene	26.69	276	63834	1.81	ng/ul#	90

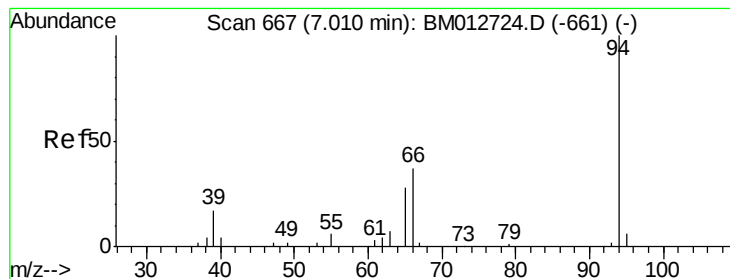
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 6.92 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MS

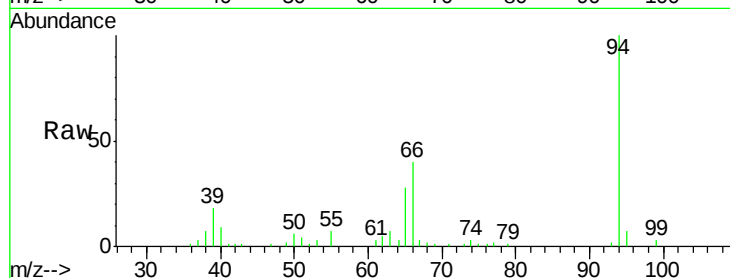
Tot Ion: 94 Resp: 58151

Ion Ratio Lower Upper

94 100

65 28.3 21.0 31.6

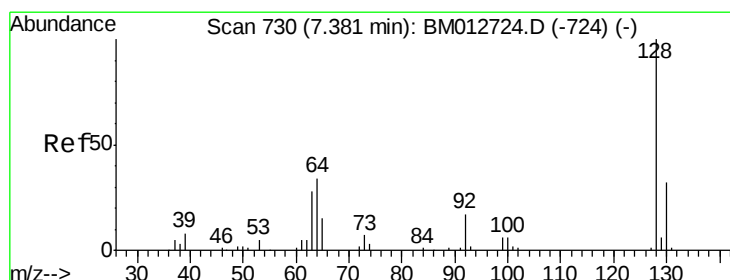
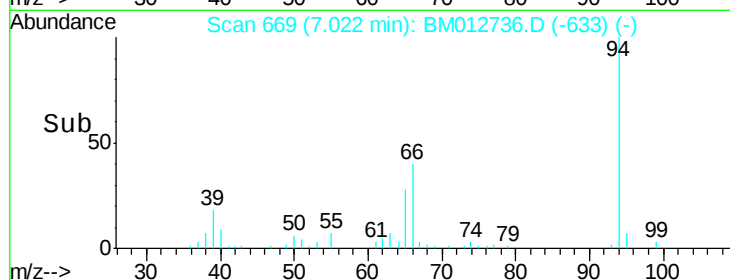
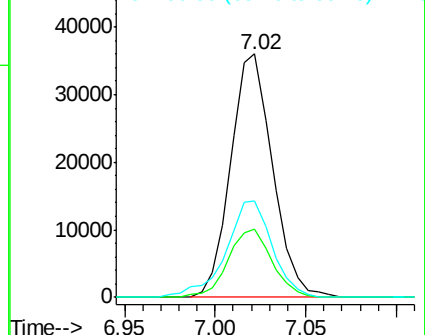
66 39.7 29.3 43.9



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: 5.64 ng/ul

RT: 7.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

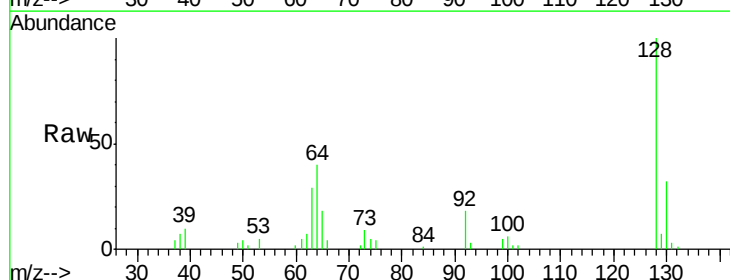
Tgt Ion: 128 Resp: 39582

Ion Ratio Lower Upper

128 100

64 40.2 31.9 47.9

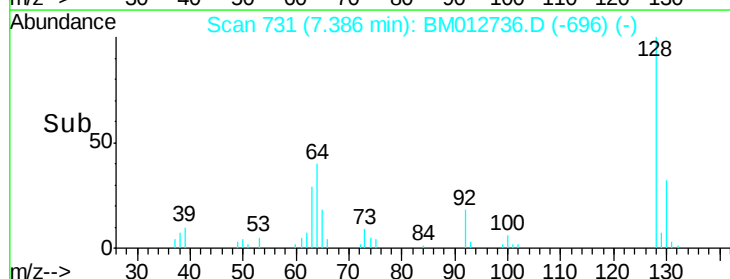
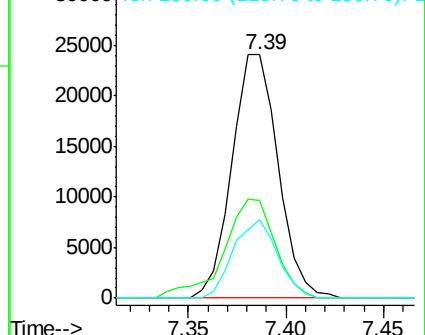
130 32.3 25.6 38.4

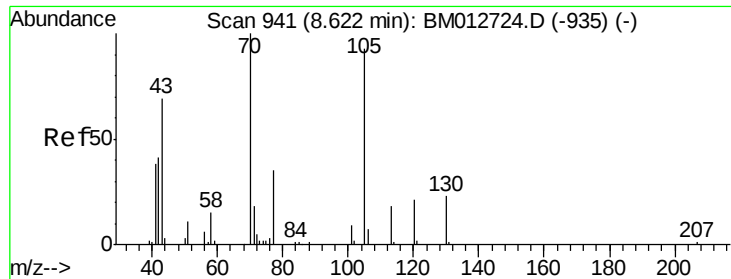


Abundance Ion 128.00 (127.70 to 128.70): BM012724.D (-724) (-)

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

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

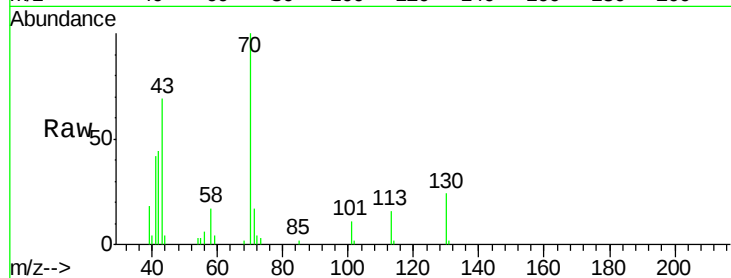




#15
N-Nitroso-di-n-propylamine
Concen: 5.39 ng/ul
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

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

Tot Ion:	70	Resp:	27520
Ion	Ratio	Lower	Upper
70	100		
42	43.8	35.4	53.0
101	11.0	8.4	12.6
130	23.9	18.2	27.4

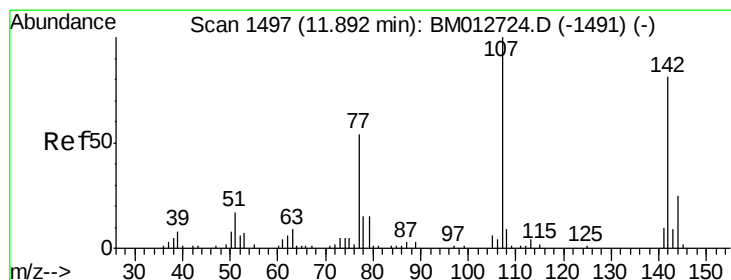
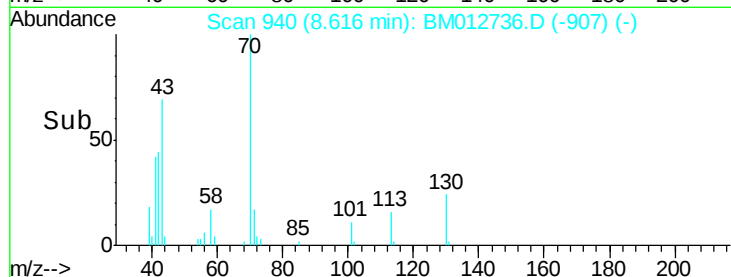
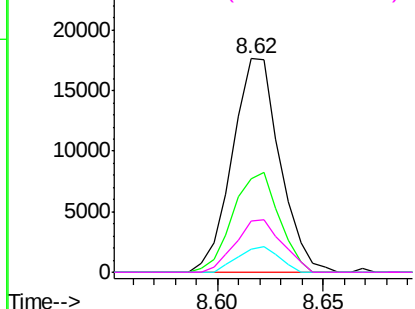


Abundance Ion 70.00 (69.70 to 70.70): BM012736.D (-907) (-)

Ion 42.00 (41.70 to 42.70): BM012736.D (-907) (-)

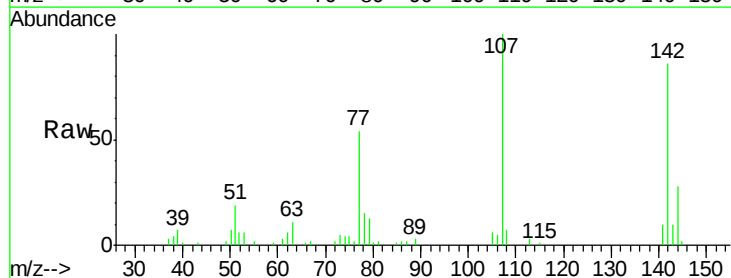
Ion 101.00 (100.70 to 101.70): BM012736.D (-907) (-)

Ion 130.00 (129.70 to 130.70): BM012736.D (-907) (-)



#33
4-Chloro-3-methylphenol
Concen: 5.89 ng/ul
RT: 11.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

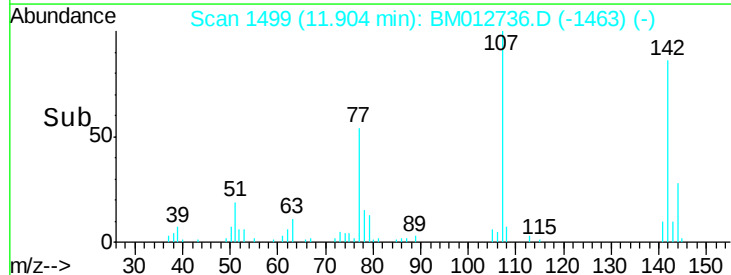
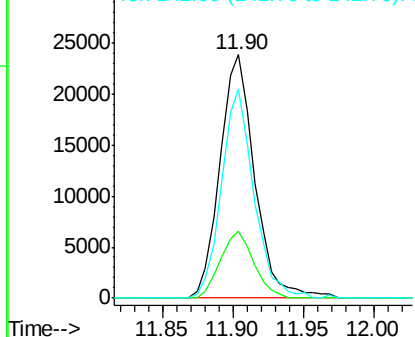
Tgt Ion:	107	Resp:	40920
Ion	Ratio	Lower	Upper
107	100		
144	27.8	20.4	30.6
142	85.9	62.5	93.7

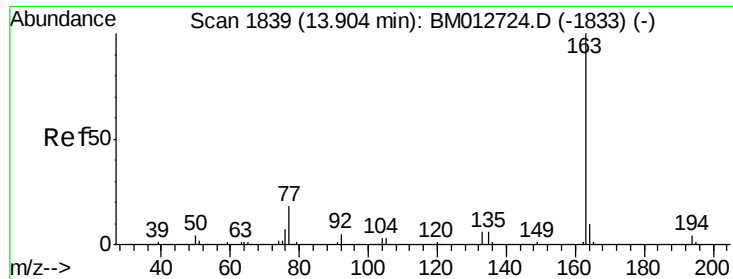


Abundance Ion 107.00 (106.70 to 107.70): BM012736.D (-1463) (-)

Ion 144.00 (143.70 to 144.70): BM012736.D (-1463) (-)

Ion 142.00 (141.70 to 142.70): BM012736.D (-1463) (-)

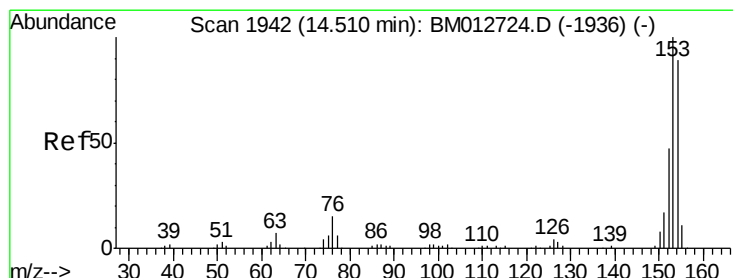
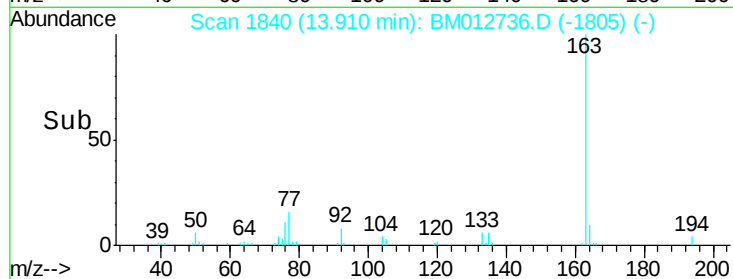
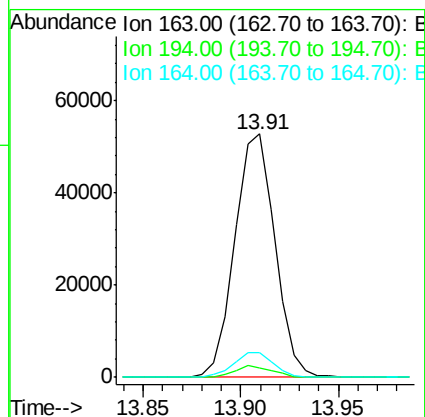
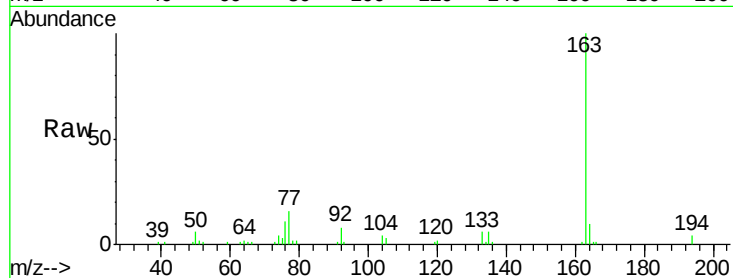




#44
Dimethylphthalate
Concen: 3.87 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

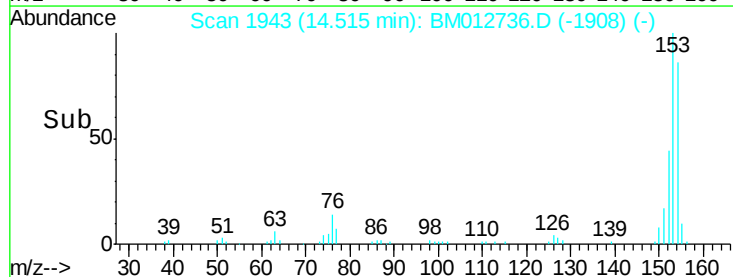
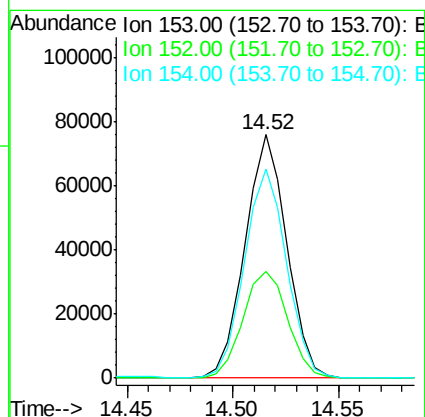
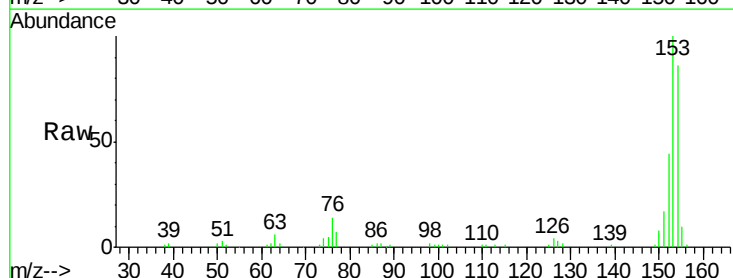
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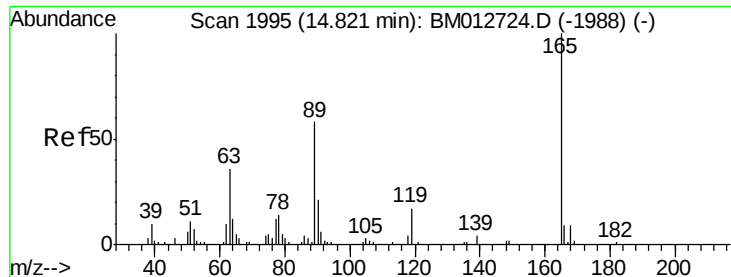
Tot Ion:163 Resp: 75280
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.8 11.8



#49
Acenaphthene
Concen: 6.51 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Tgt Ion:153 Resp: 104250
Ion Ratio Lower Upper
153 100
152 44.0 38.3 57.5
154 85.9 71.8 107.8

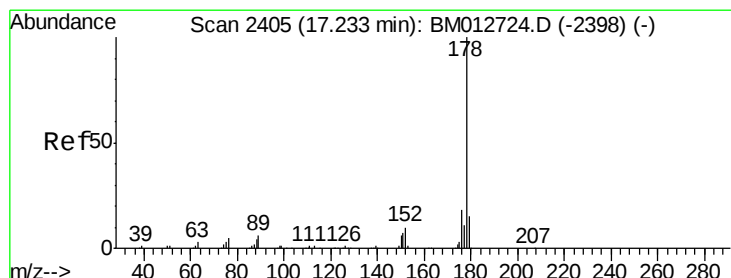
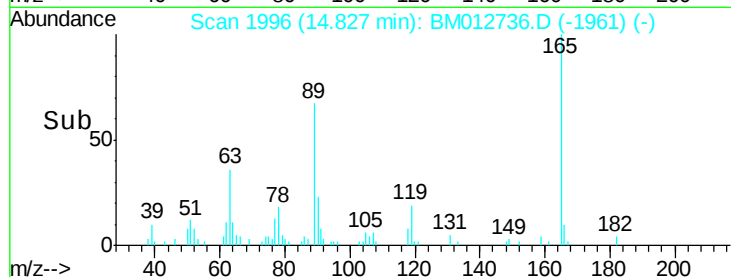
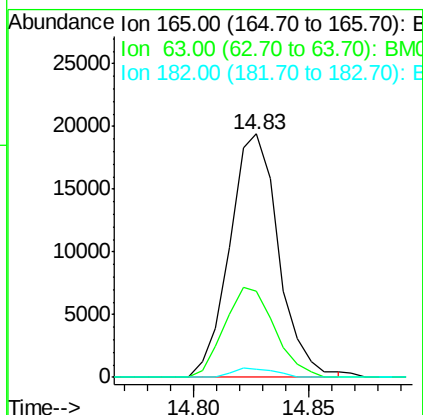
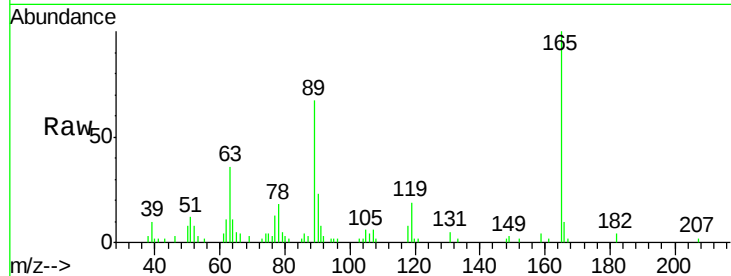




#54
 2,4-Dinitrotoluene
 Concen: 5.00 ng/ul
 RT: 14.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

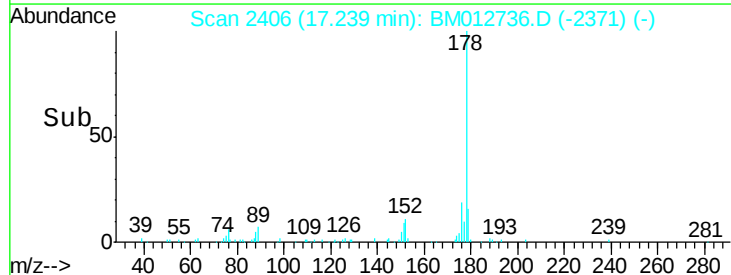
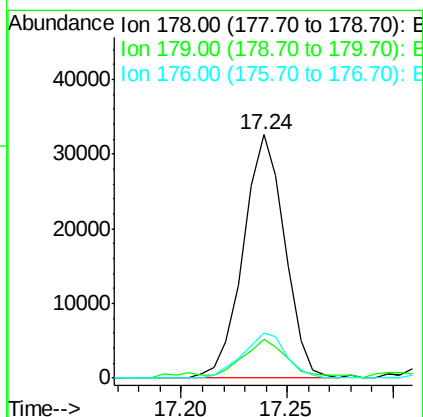
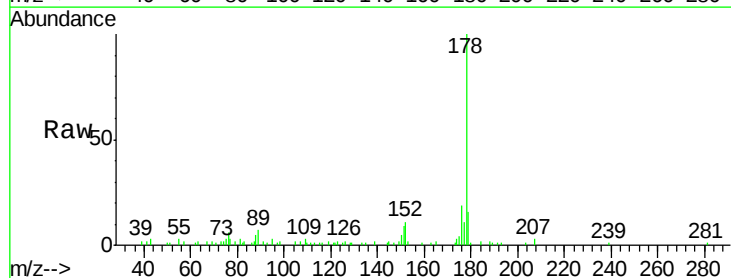
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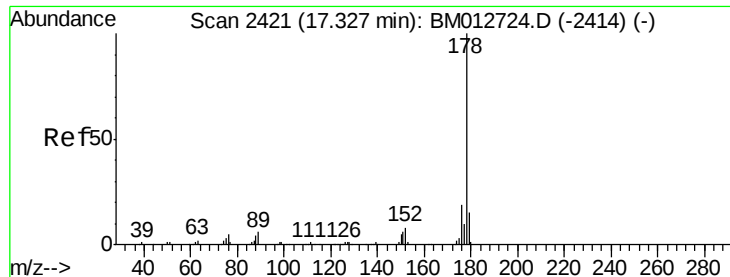
Tot Ion:165 Resp: 28627
 Ion Ratio Lower Upper
 165 100
 63 35.6 29.8 44.6
 182 3.5 2.2 3.4#



#69
 Phenanthrene
 Concen: 1.67 ng/ul
 RT: 17.24 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

Tgt Ion:178 Resp: 44514
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.2 18.4
 176 18.7 15.6 23.4

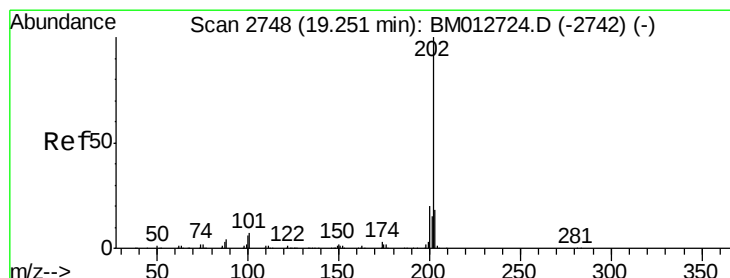
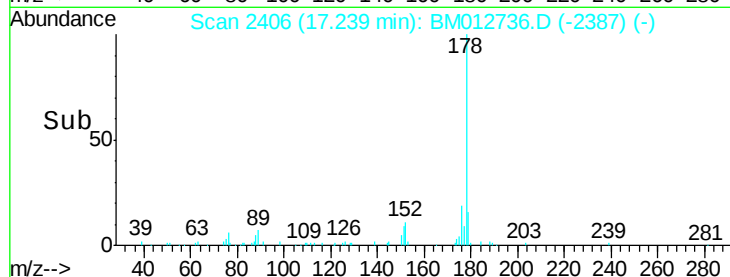
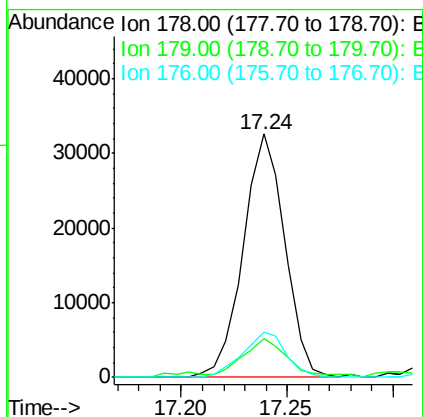
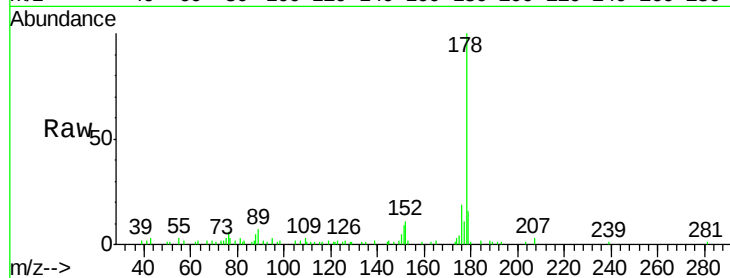




#71
 Anthracene
 Concen: 1.61 ng/ul
 RT: 17.24 min Scan# 2406
 Delta R.T. -0.09 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

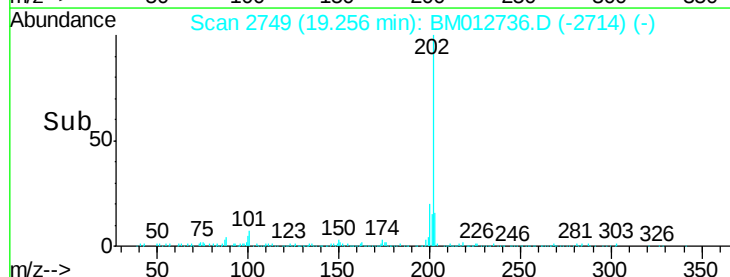
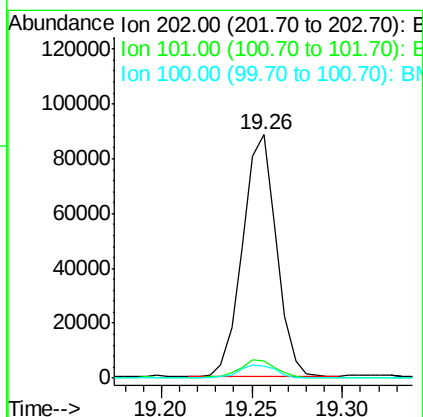
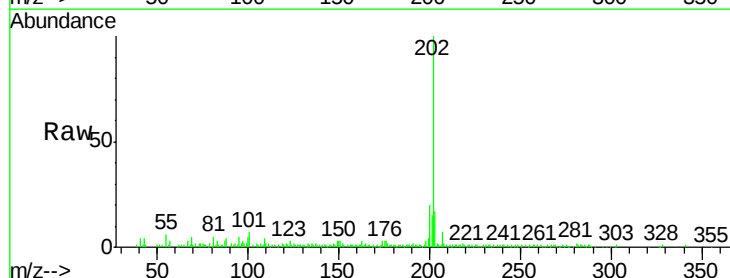
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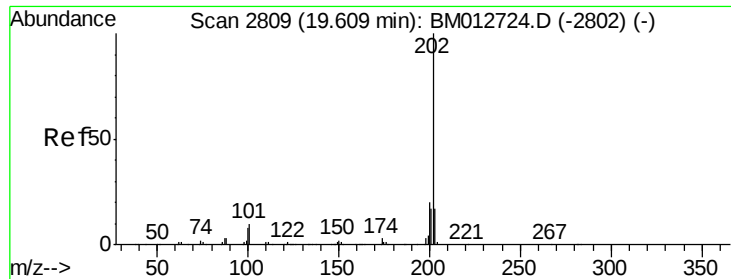
Tot Ion:178 Resp: 44514
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.1 18.1
 176 18.7 14.8 22.2



#76
 Fluoranthene
 Concen: 3.58 ng/ul
 RT: 19.26 min Scan# 2749
 Delta R.T. 0.01 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

Tgt Ion:202 Resp: 114722
 Ion Ratio Lower Upper
 202 100
 101 7.0 8.8 13.2#
 100 4.9 6.6 9.8#

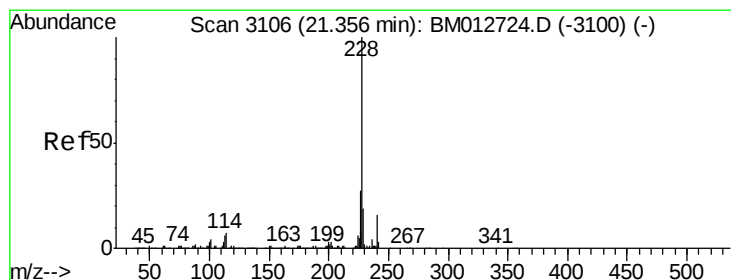
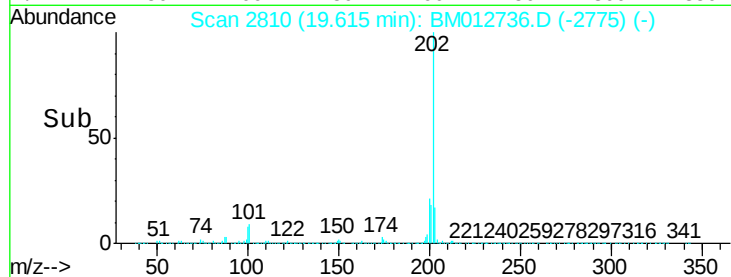
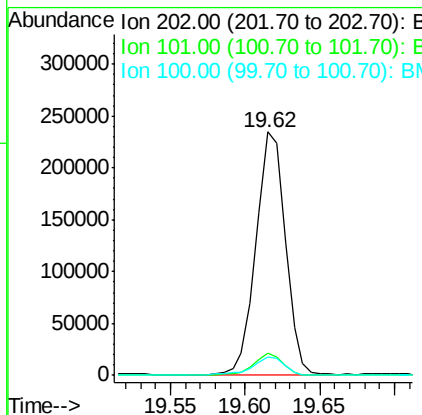
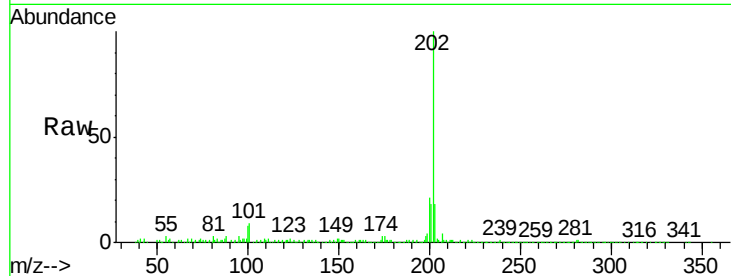




#79
Pvrene
Concen: 9.98 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

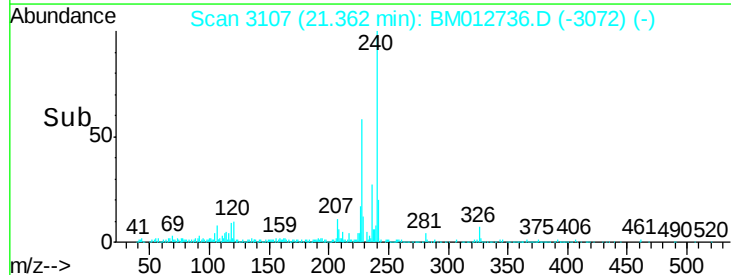
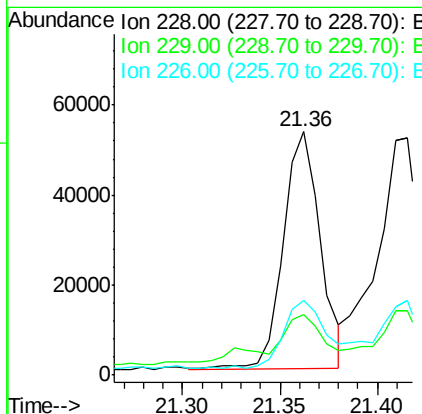
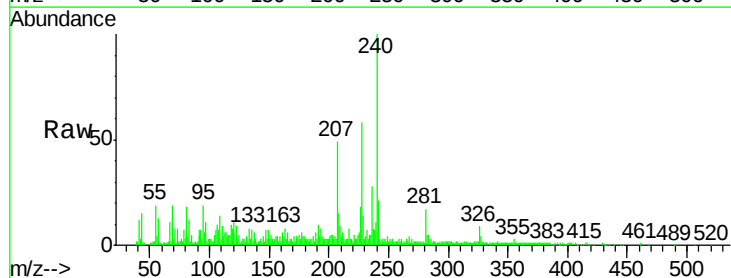
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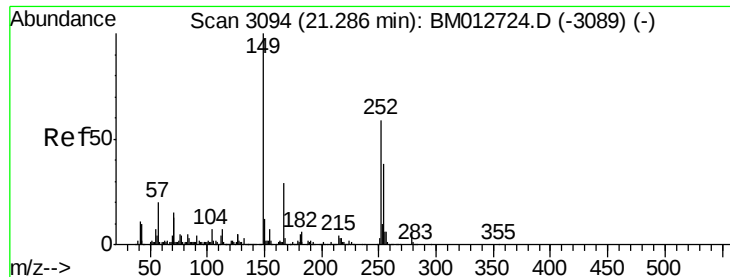
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	10.2	15.2#
100	7.7	8.5	12.7#



#82
Benzo(a)anthracene
Concen: 2.16 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.7	23.5#
226	30.8	21.8	32.6

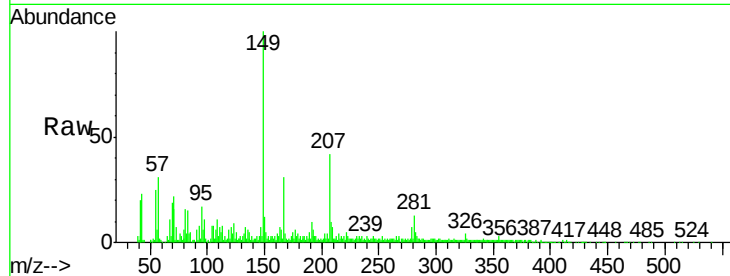




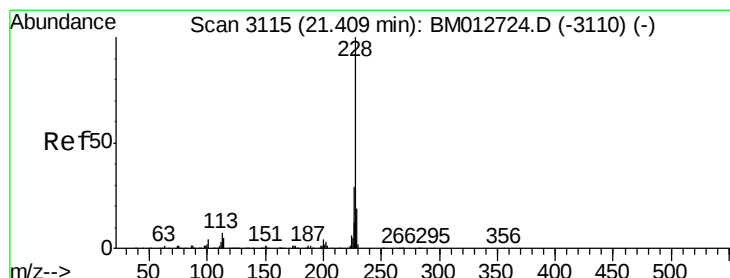
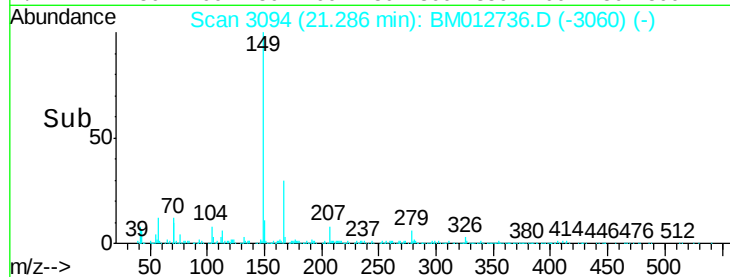
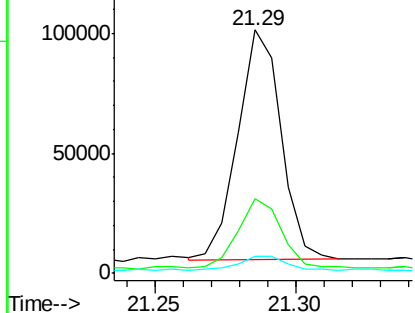
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.03 ng/ul
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.00 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

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

Tot Ion:149 Resp: 101766
 Ion Ratio Lower Upper
 149 100
 167 30.8 21.6 32.4
 279 7.0 3.0 4.4#

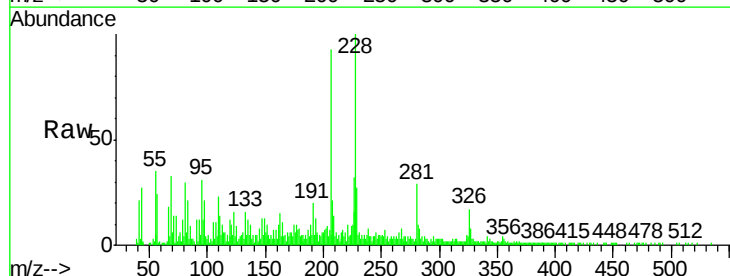


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

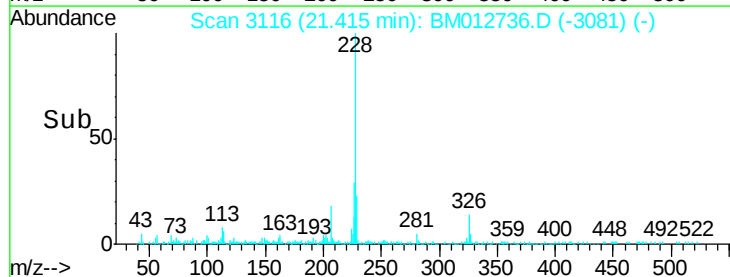
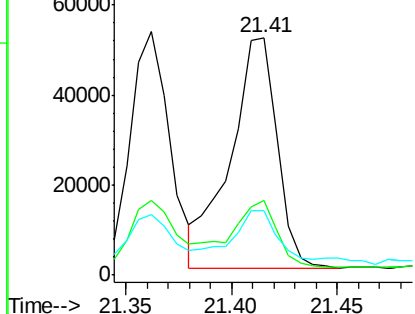


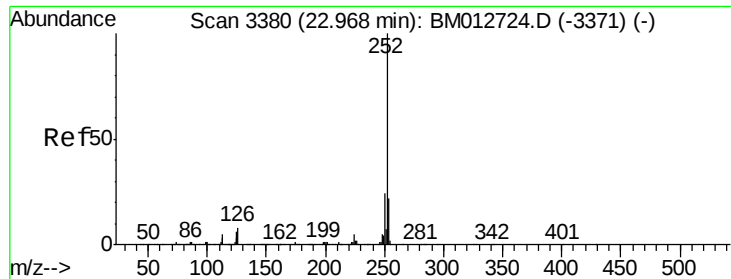
#84
 Chrysene
 Concen: 2.72 ng/ul
 RT: 21.41 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

Tgt Ion:228 Resp: 79311
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.0 36.0
 229 27.2 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 3.48 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MS

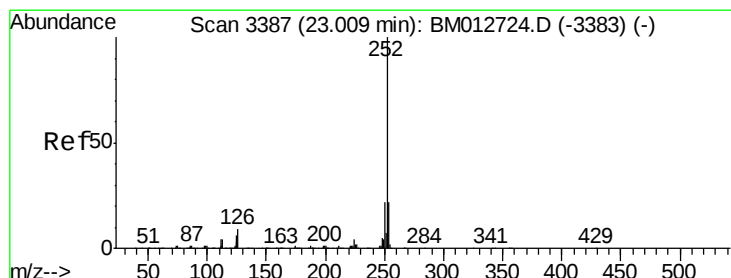
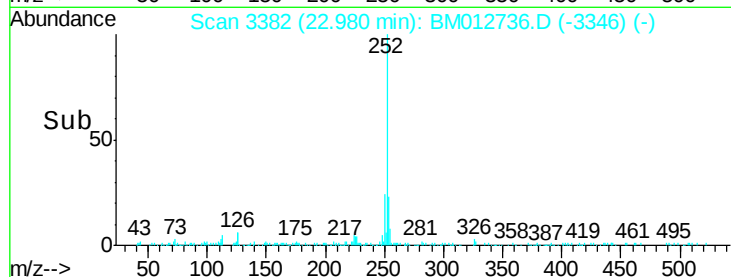
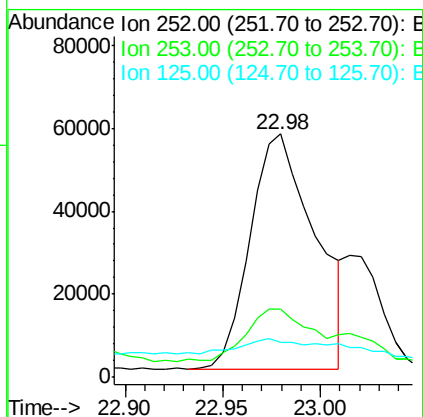
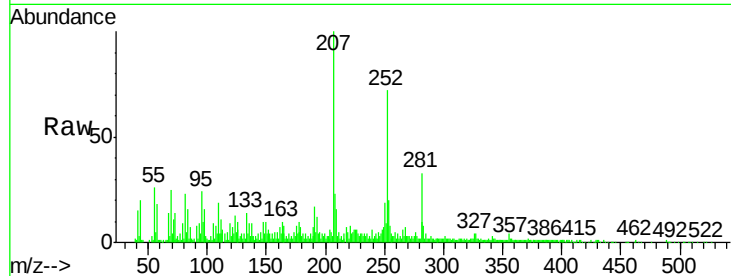
Tot Ion:252 Resp: 130071

Ion Ratio Lower Upper

252 100

253 28.3 17.5 26.3#

125 14.5 8.5 12.7#



#88

Benzo(k)fluoranthene

Concen: 3.67 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. -0.03 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

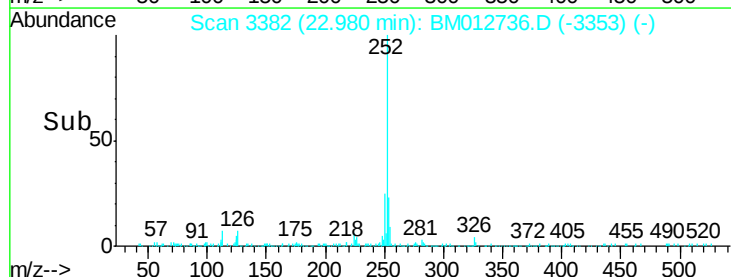
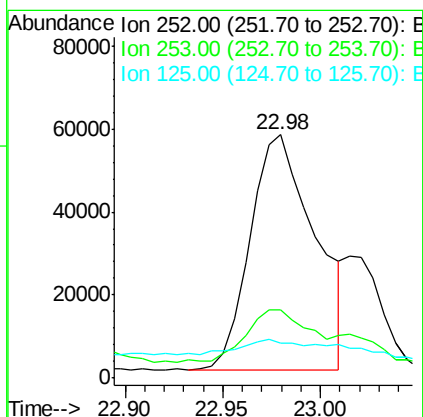
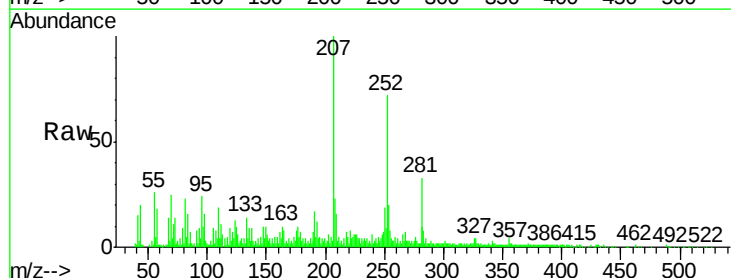
Tgt Ion:252 Resp: 130071

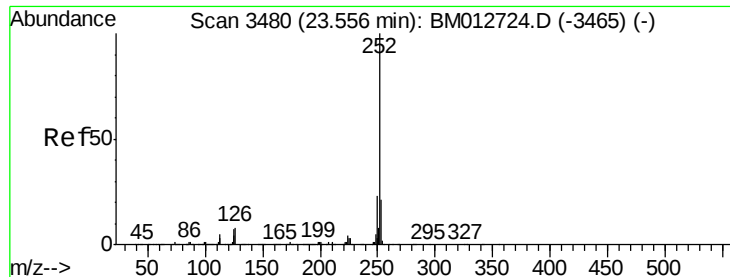
Ion Ratio Lower Upper

252 100

253 28.3 17.3 25.9#

125 14.5 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 2.23 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MS

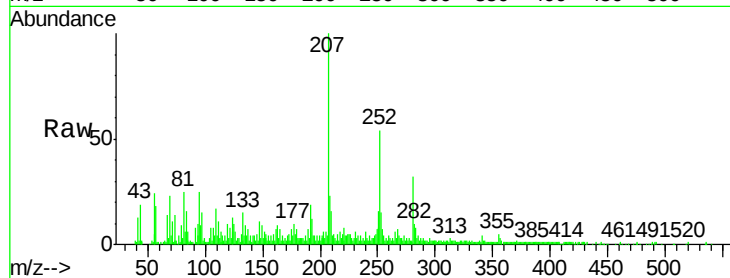
Tot Ion:252 Resp: 79054

Ion Ratio Lower Upper

252 100

253 27.2 17.2 25.8#

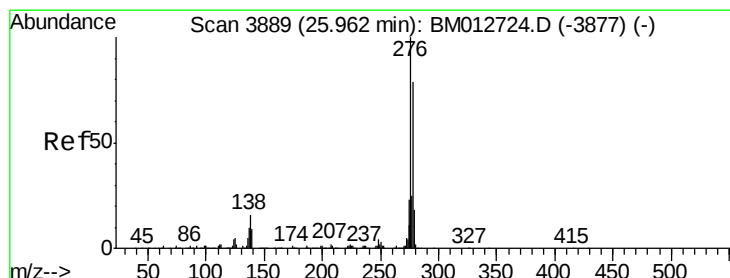
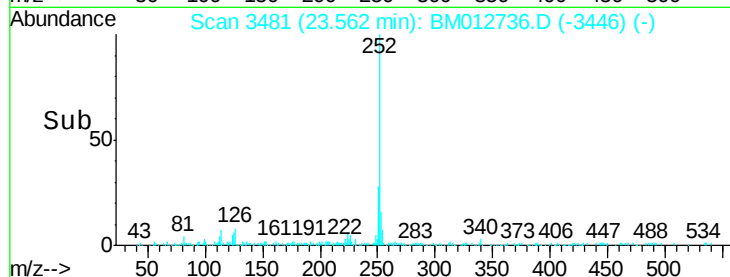
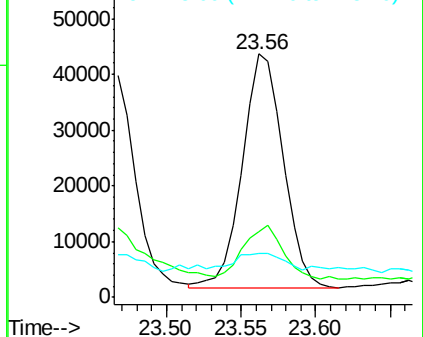
125 18.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.59 ng/ul

RT: 25.99 min Scan# 3893

Delta R.T. 0.02 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

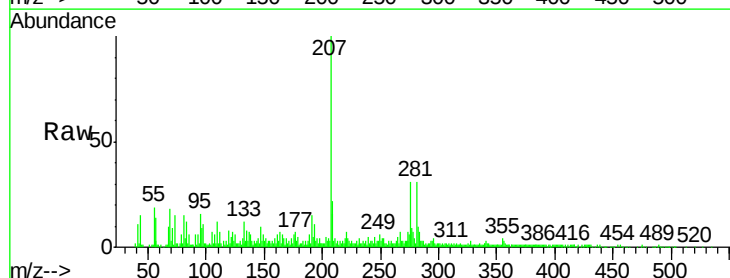
Tgt Ion:276 Resp: 68223

Ion Ratio Lower Upper

276 100

138 20.3 22.3 33.5#

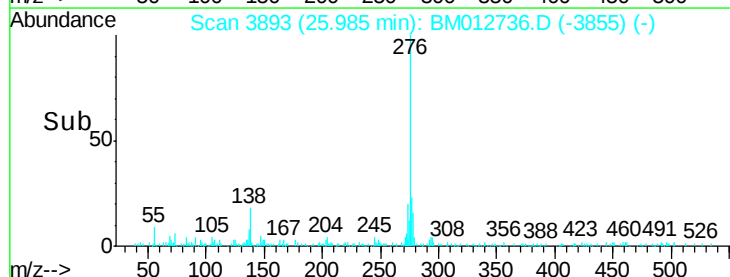
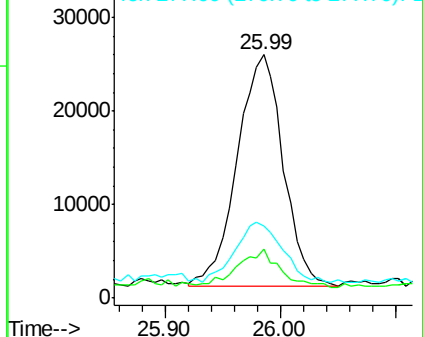
277 29.6 20.2 30.2

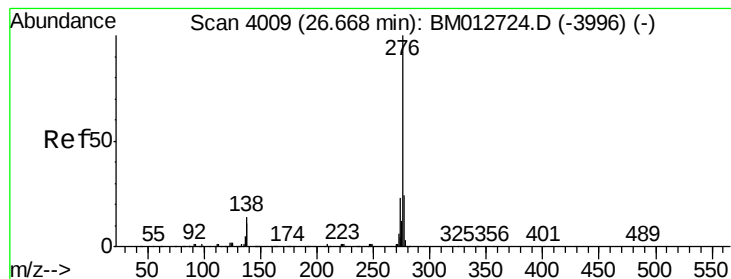


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.81 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. 0.02 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MS

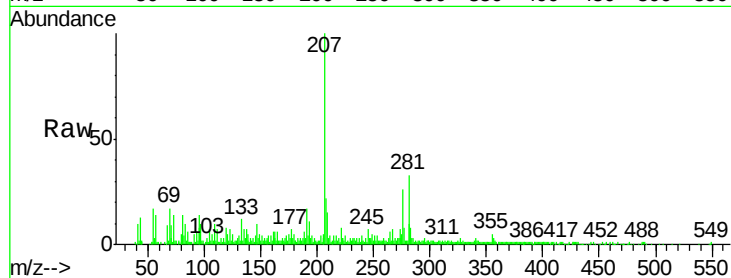
Tot Ion:276 Resp: 63834

Ion Ratio Lower Upper

276 100

138 19.9 18.9 28.3

277 29.7 19.2 28.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

