

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012838.D
 Acq On : 09 Nov 2017 01:18
 Operator : SJ/JU
 Sample : I6150-05 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-3(1-2)-102517

Manual Integrations
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Quant Time: Nov 09 05:32:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	146482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	592477	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	356861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	733564m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	649288	20.00	ng/ul	0.01
85) Perylene-d12	23.66	264	714615	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1293	0.48	ng/uL	0.00
5) Phenol-d5	6.98	99	36783	3.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	28122	4.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	29088	3.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	25502	2.71	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	23972	5.48	ng/ul	0.02
22) 2-Nitrophenol-d4	9.68	143	15337	3.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	32916	3.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	186556	18.83	ng/ul	-0.02
43) Dimethylphthalate-d6	13.84	166	102975	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	122901	3.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	12956	2.74	ng/ul	0.02
57) Fluorene-d10	15.43	176	87764	3.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	237	0.05	ng/ul	0.02
70) Anthracene-d10	17.29	188	123138	3.47	ng/ul	0.00
78) Pyrene-d10	19.59	212	118673	3.94	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.51	264	120058	3.55	ng/ul	0.01

Target Compounds

					Qvalue
28) Naphthalene	10.65	128	793867	26.801 ng/ul#	95
34) 2-Methylnaphthalene	12.26	142	251206	11.097 ng/ul	99
40) 1,1'-Biphenyl	13.27	154	71507	2.422 ng/ul	100
44) Dimethylphthalate	13.89	163	33435	1.141 ng/ul#	96
49) Acenaphthene	14.50	153	199309	8.264 ng/ul	96
53) Dibenzofuran	14.84	168	378460	10.758 ng/ul	94
58) Fluorene	15.49	166	401810	13.750 ng/ul	99
67) Atrazine	16.66	200	37839	4.279 ng/ul#	56
69) Phenanthrene	17.23	178	1976505m	49.295 ng/ul	
71) Anthracene	17.32	178	189514	4.559 ng/ul	100
74) Carbazole	17.59	167	59219	1.708 ng/ul	96
75) Di-n-butylphthalate	18.15	149	458416	11.283 ng/ul	99
76) Fluoranthene	19.25	202	1077284	22.359 ng/ul	96
79) Pyrene	19.62	202	704851	18.195 ng/ul#	92
82) Benzo(a)anthracene	21.36	228	219070	5.576 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	32334	1.571 ng/ul#	89
84) Chrysene	21.41	228	338009	9.493 ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	408068	9.344 ng/ul	96
88) Benzo(k)fluoranthene	23.01	252	130820	3.152 ng/ul	94
90) Benzo(a)pyrene	23.55	252	111566	2.685 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.97	276	181900	3.632 ng/ul#	86
92) Dibenzo(a,h)anthracene	25.97	278	58397m	1.377 ng/ul	
93) Benzo(g,h,i)perylene	26.68	276	176071	4.266 ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

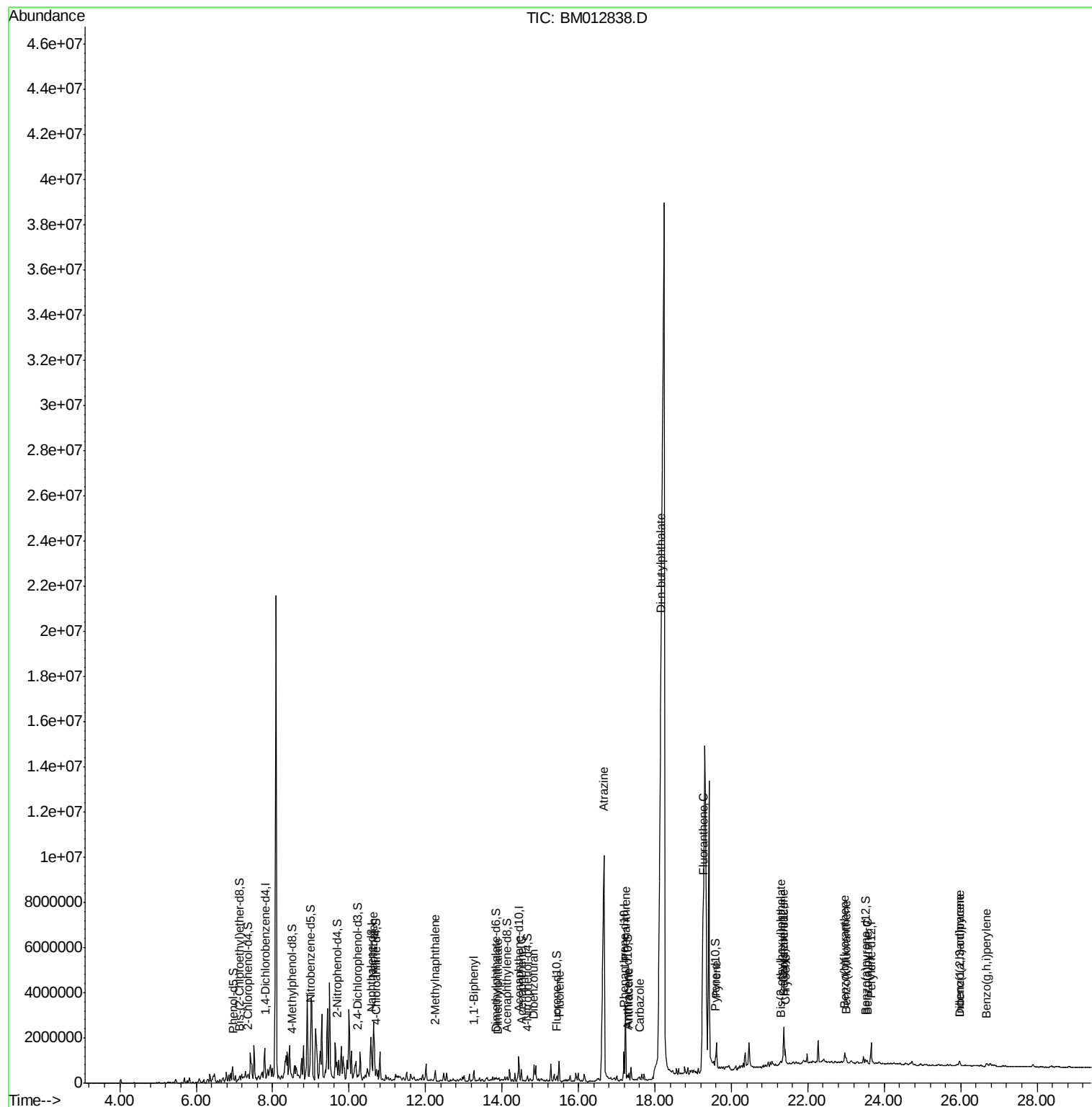
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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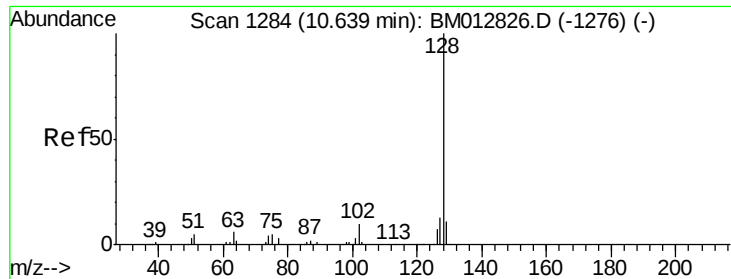
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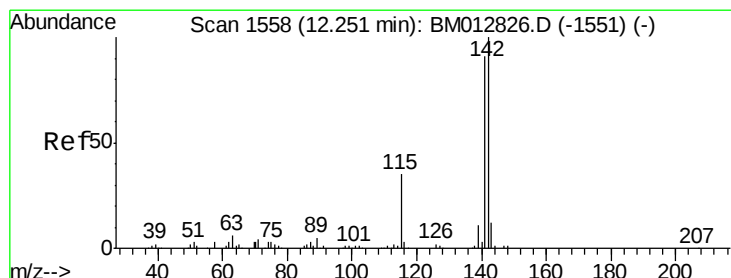
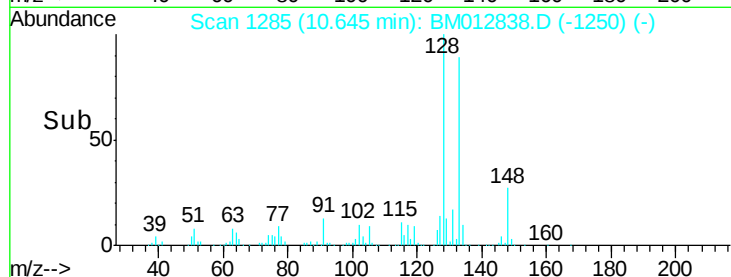
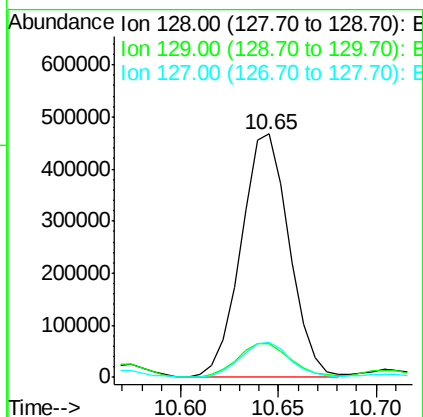
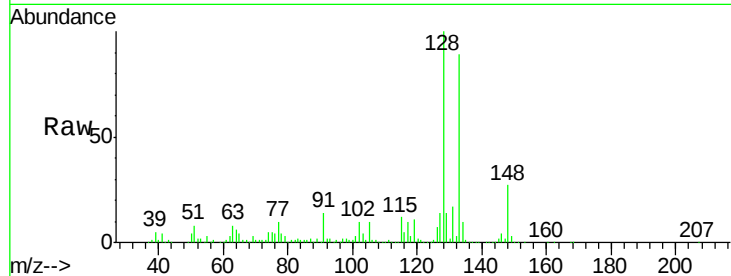
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Naphthalene
Concen: 26.801 ng/ul
RT: 10.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	8.8	13.2#
127	14.2	10.5	15.7

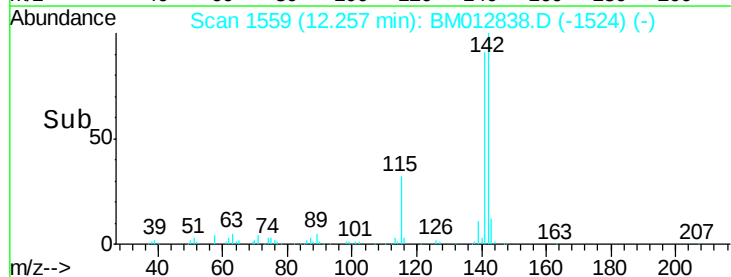
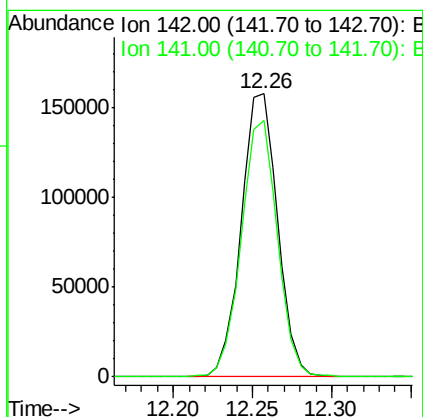
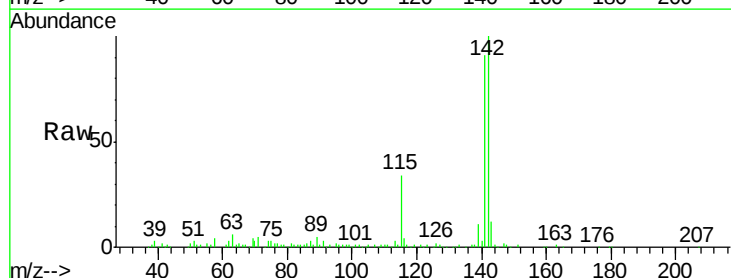
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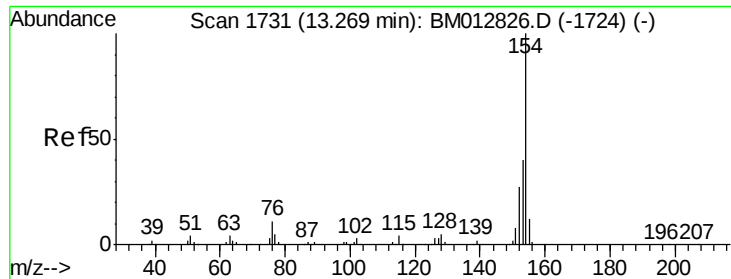
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#34
2-Methylnaphthalene
Concen: 11.097 ng/ul
RT: 12.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4





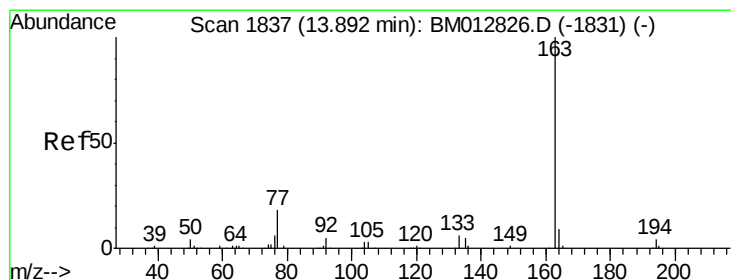
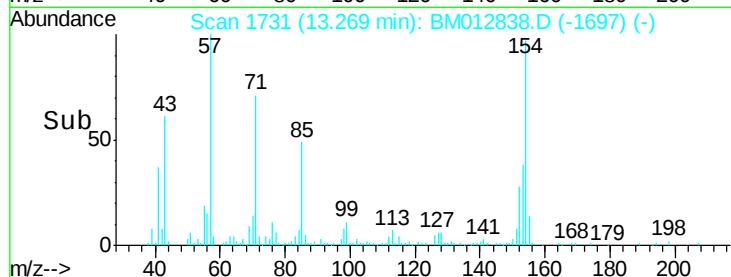
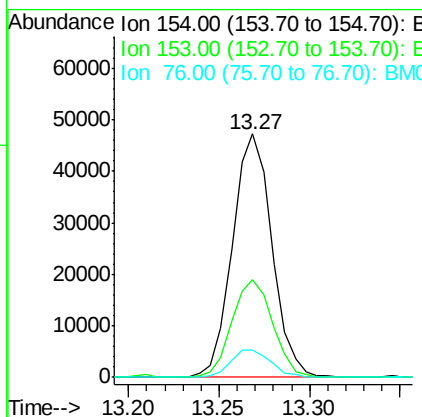
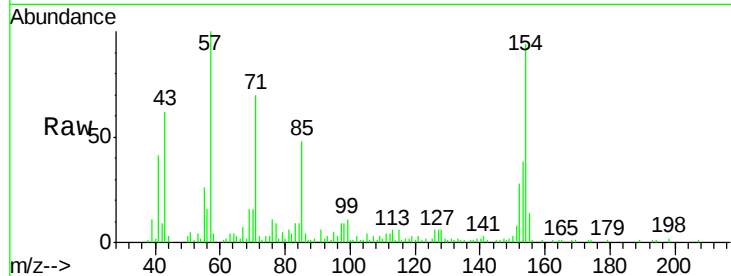
#40
1,1'-Biphenyl
Concen: 2.422 ng/ul
RT: 13.27 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.1	48.1
76	11.4	9.5	14.3

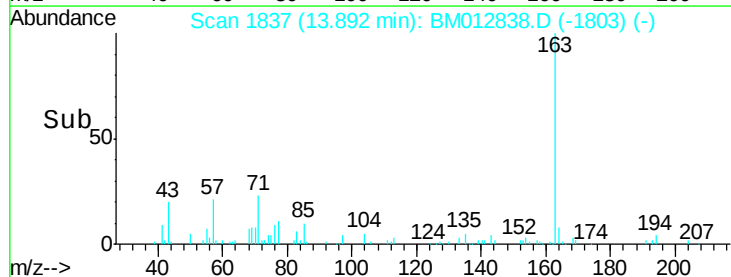
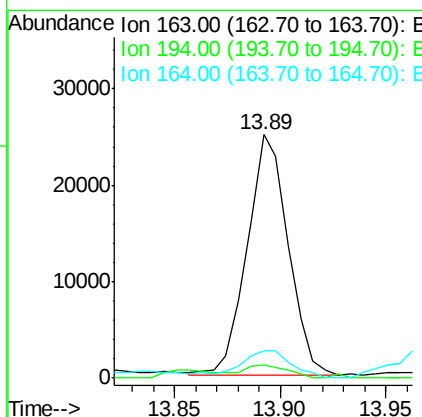
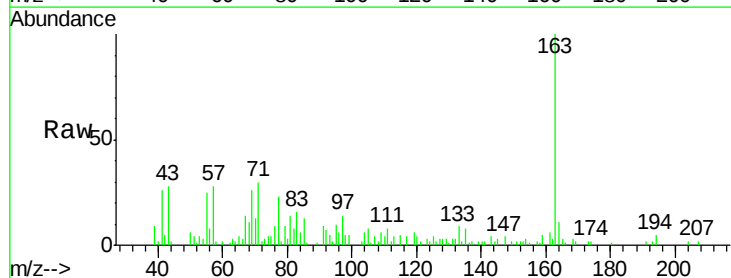
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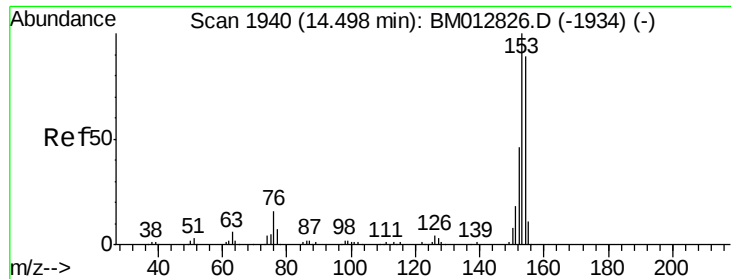
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#44
Dimethylphthalate
Concen: 1.141 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	11.2	7.8	11.8





#49

Acenaphthene

Concen: 8.264 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Instrument :

BNA_M

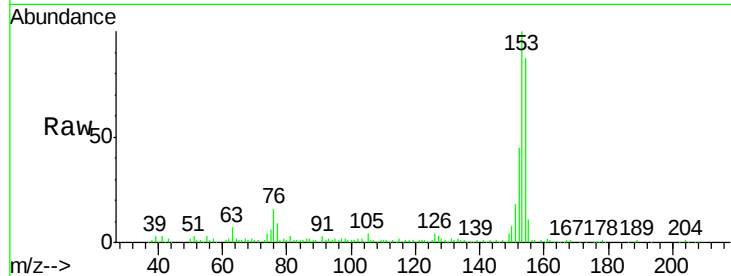
ClientSampleId :

B-3(1-2)-102517

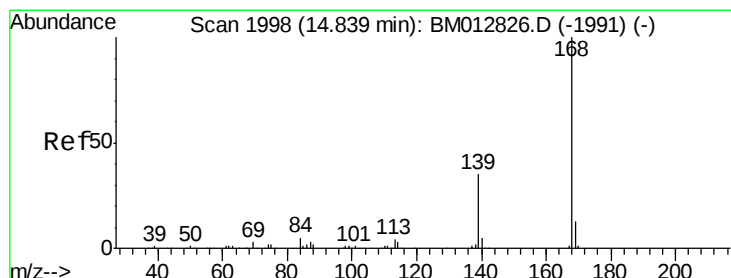
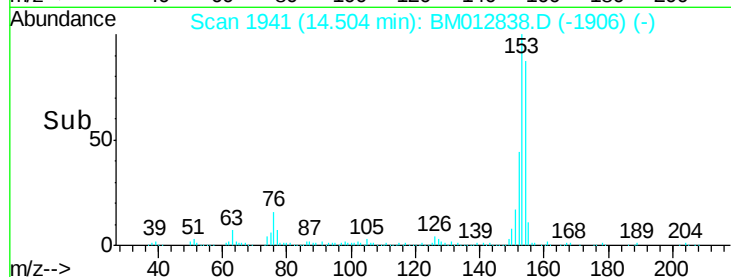
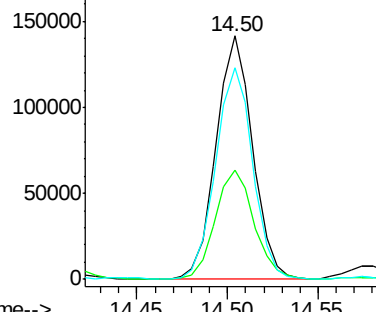
Tgt Ion:	153	Resp:	199309
Ion Ratio	Lower	Upper	
153	100		
152	44.8	38.3	57.5
154	86.7	71.8	107.8

Manual Integrations
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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: 10.758 ng/ul

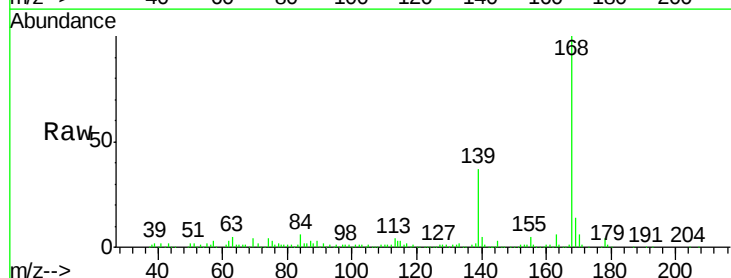
RT: 14.84 min Scan# 1998

Delta R.T. -0.00 min

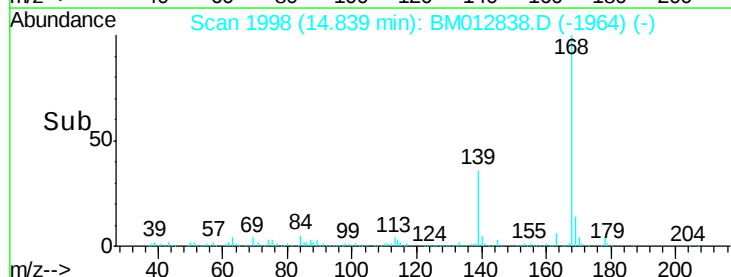
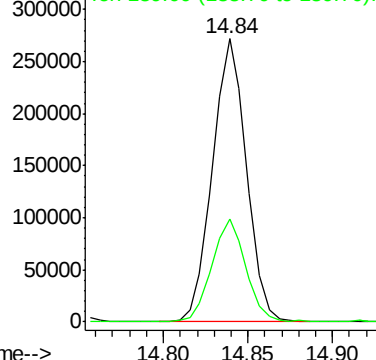
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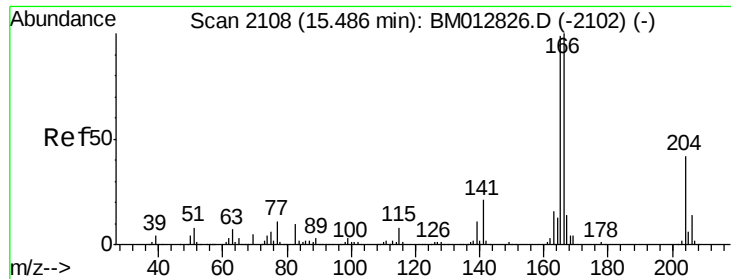
Acq: 09 Nov 2017 01:18

Tgt Ion:	168	Resp:	378460
Ion Ratio	Lower	Upper	
168	100		
139	36.6	32.2	48.2



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





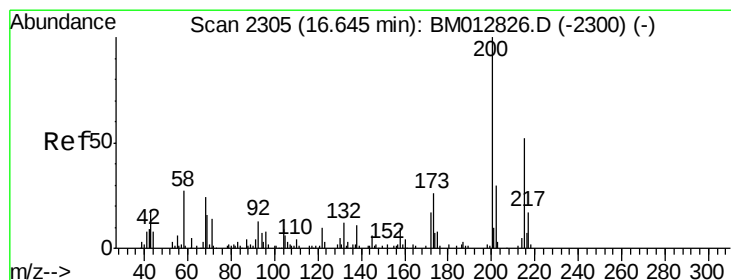
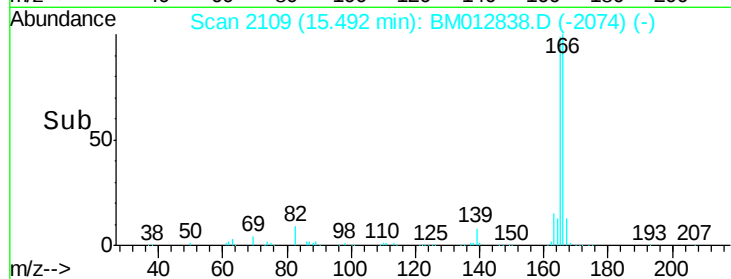
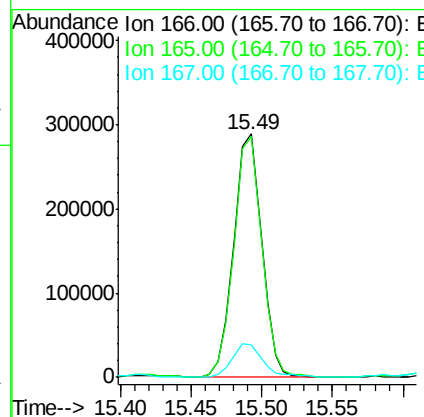
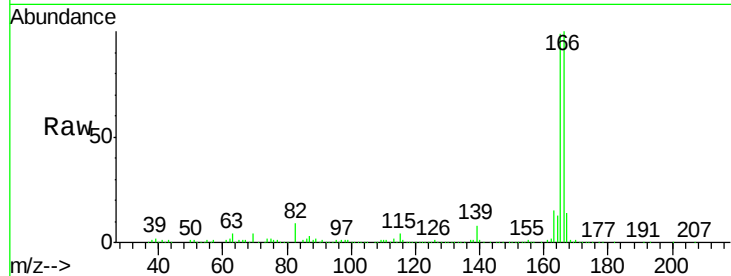
#58
 Fluorene
 Concen: 13.750 ng/ul
 RT: 15.49 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BM012838.D
 Acq: 09 Nov 2017 01:18

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	401810		
165	98.8	78.5	117.7	
167	13.5	10.7	16.1	

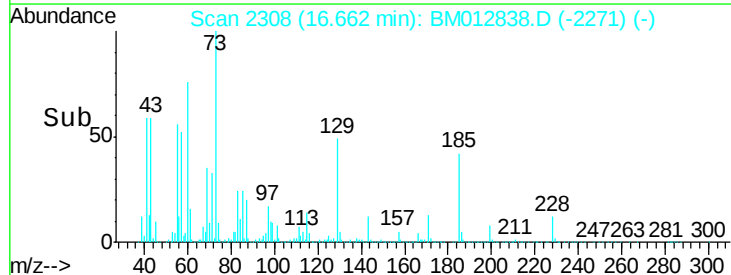
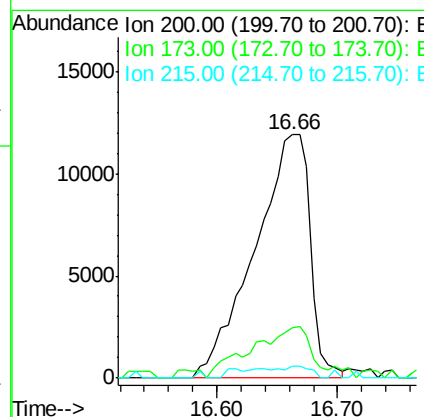
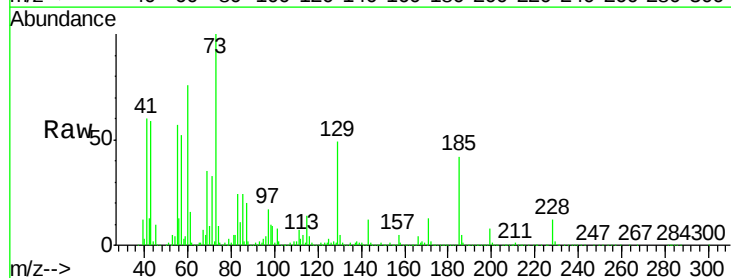
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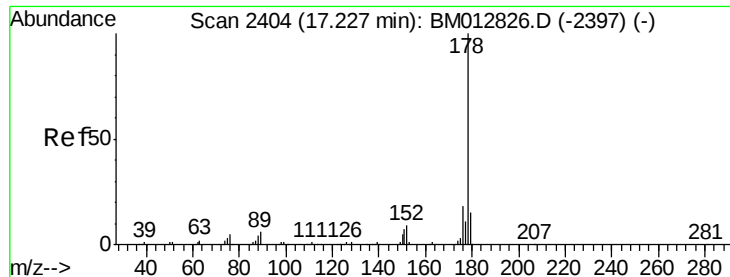
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#67
 Atrazine
 Concen: 4.279 ng/ul
 RT: 16.66 min Scan# 2308
 Delta R.T. 0.02 min
 Lab File: BM012838.D
 Acq: 09 Nov 2017 01:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	37839		
173	20.8	21.6	32.4#	
215	4.9	37.0	55.4#	





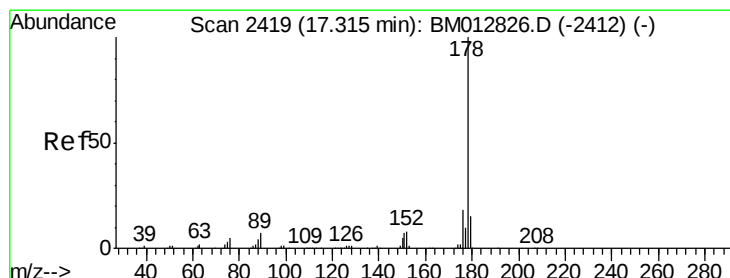
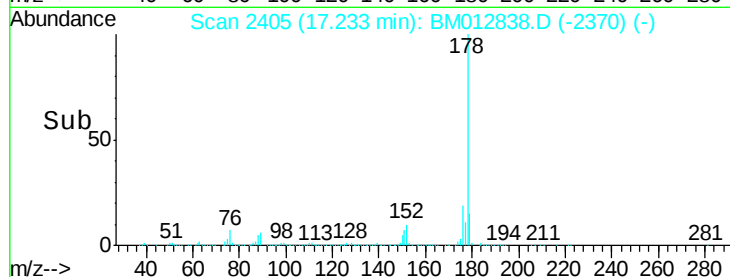
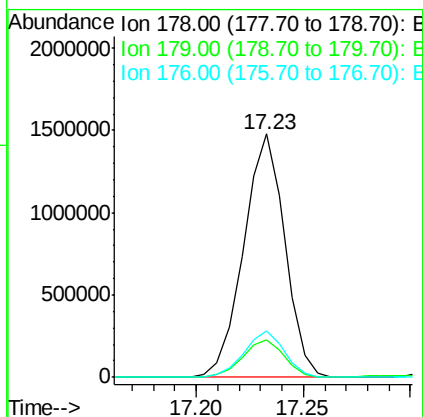
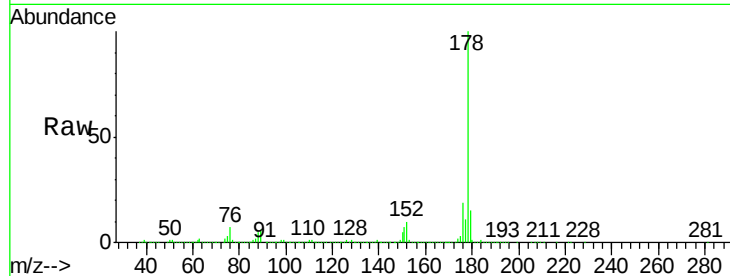
#69
Phenanthrene
Concen: 49.295 ng/ul m
RT: 17.23 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

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Tgt Ion:178 Resp: 1976505
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.9 15.6 23.4

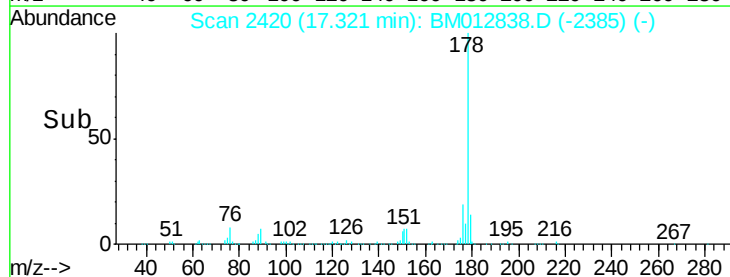
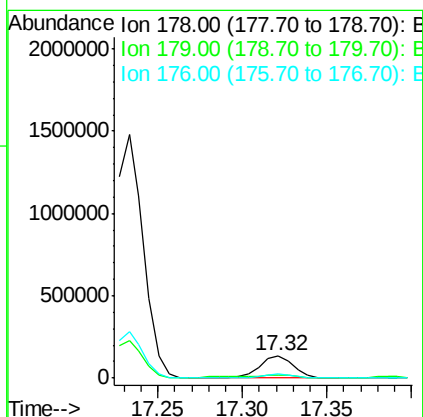
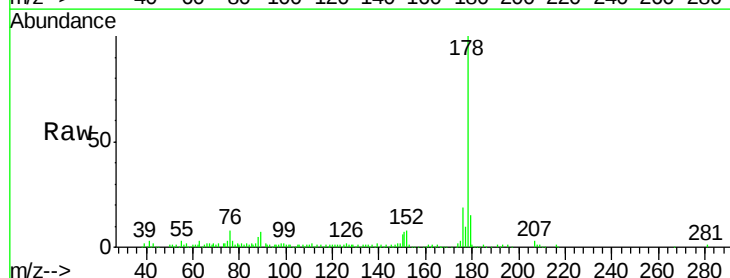
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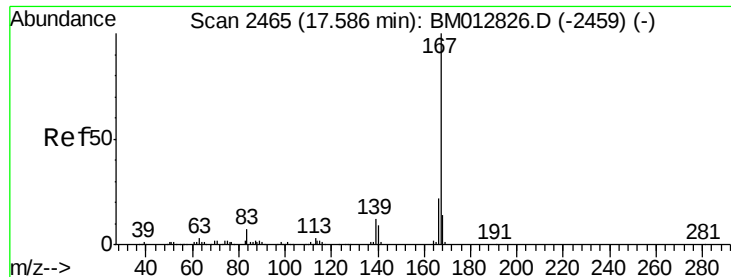
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#71
Anthracene
Concen: 4.559 ng/ul
RT: 17.32 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BM012838.D
Acq: 09 Nov 2017 01:18

Tgt Ion:178 Resp: 189514
Ion Ratio Lower Upper
178 100
179 14.7 12.1 18.1
176 18.5 14.8 22.2





#74

Carbazole

Concen: 1.708 ng/ul

RT: 17.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Instrument :

BNA_M

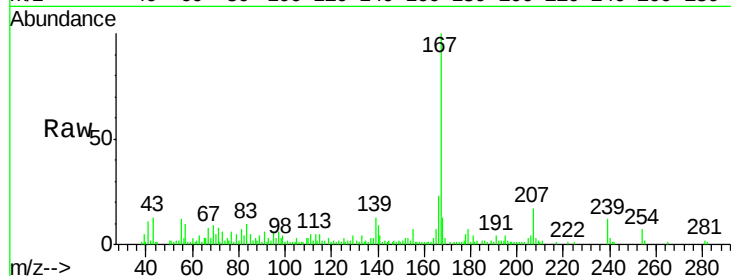
ClientSampleId :

B-3(1-2)-102517

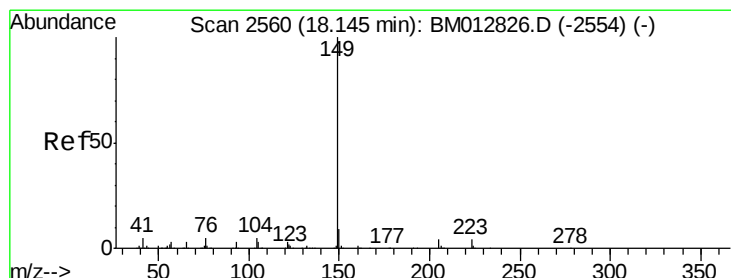
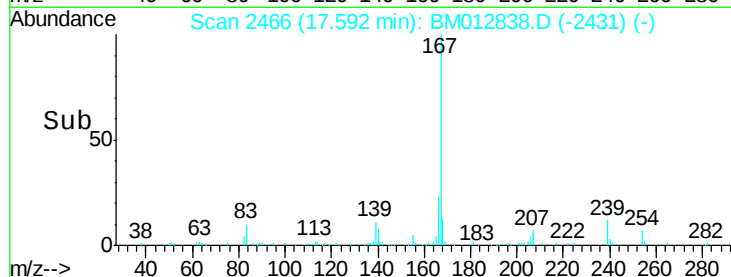
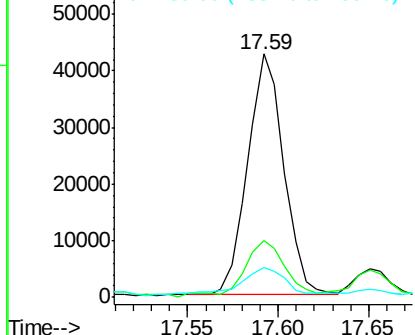
Tgt Ion:	167	Resp:	59219
Ion Ratio		Lower	Upper
167	100		
166	23.5	17.0	25.6
139	12.5	11.0	16.4

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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



#75

Di-n-butylphthalate

Concen: 11.283 ng/ul

RT: 18.15 min Scan# 2561

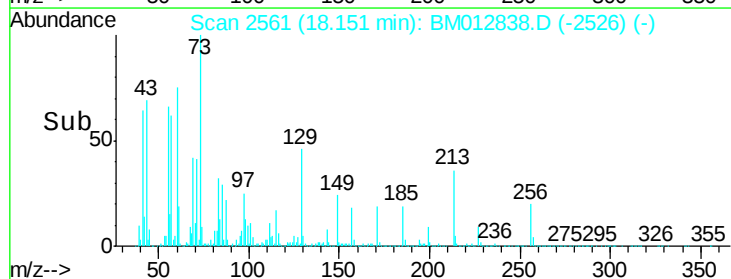
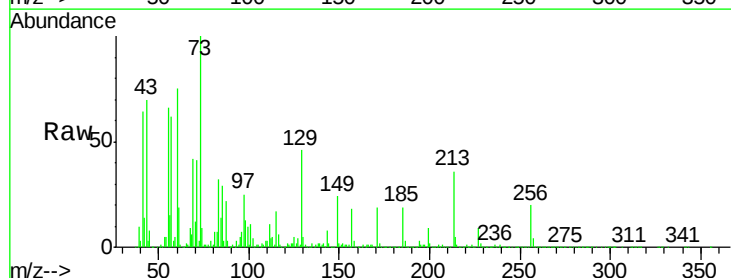
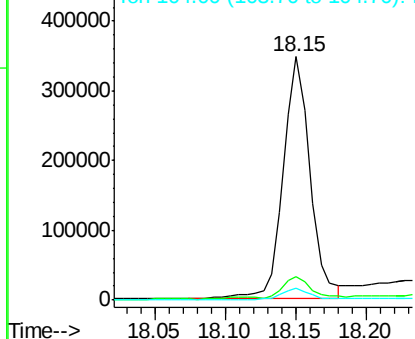
Delta R.T. 0.01 min

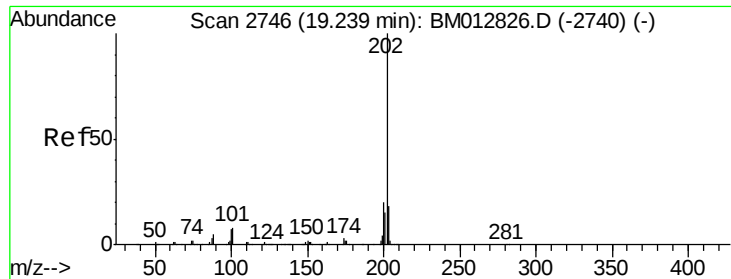
Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Tgt Ion:	149	Resp:	458416
Ion Ratio		Lower	Upper
149	100		
150	9.6	7.4	11.0
104	4.7	4.0	6.0

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





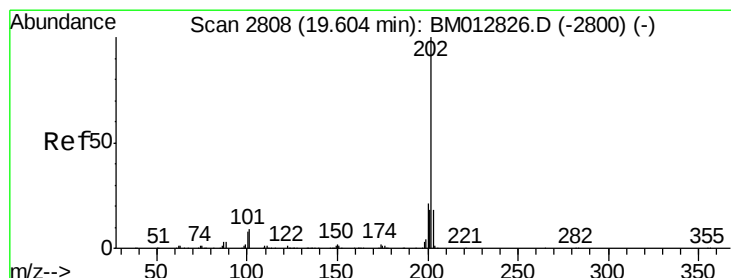
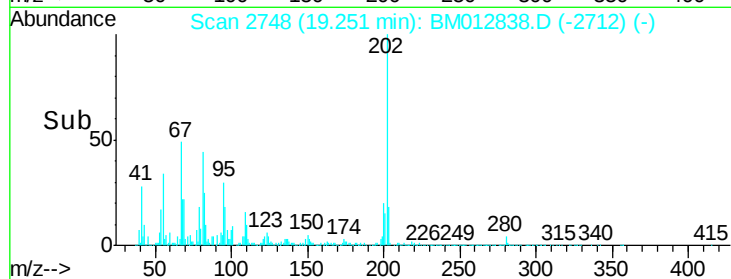
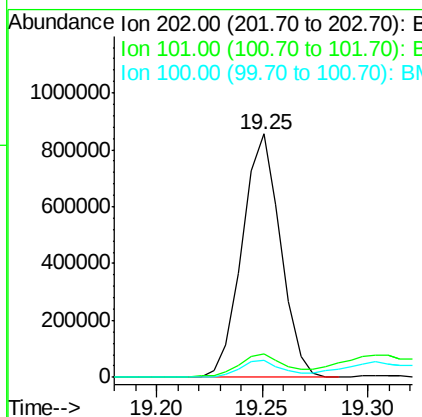
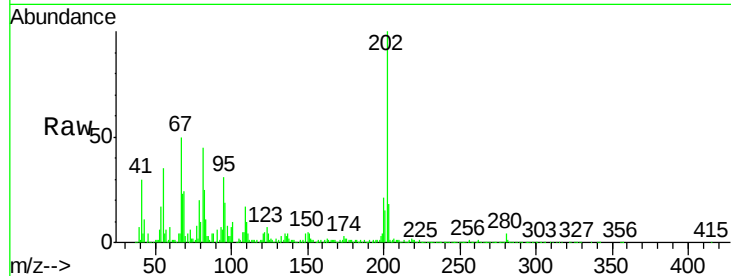
#76
 Fluoranthene
 Concen: 22.359 ng/ul
 RT: 19.25 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BM012838.D
 Acq: 09 Nov 2017 01:18

Instrument :
 BNA_M
 ClientSampleId :
 B-3(1-2)-102517

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.8	13.2
100	6.8	6.6	9.8

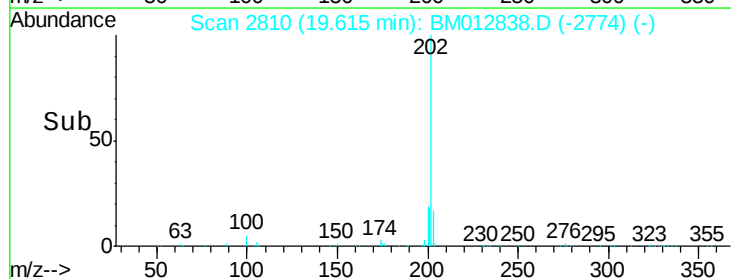
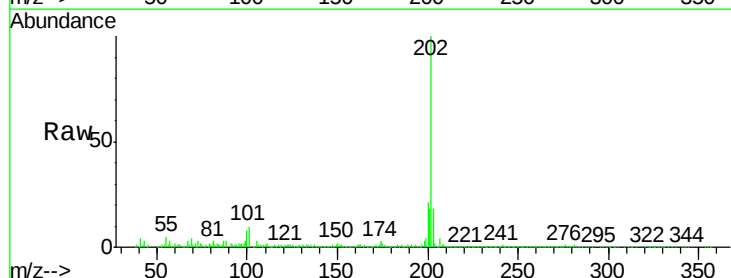
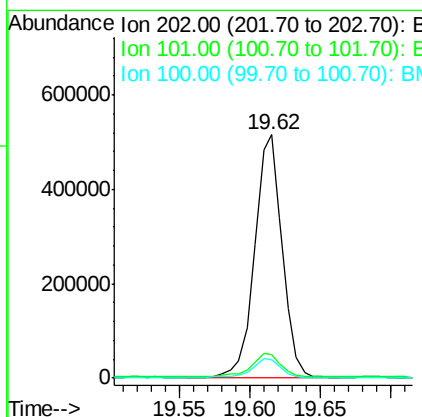
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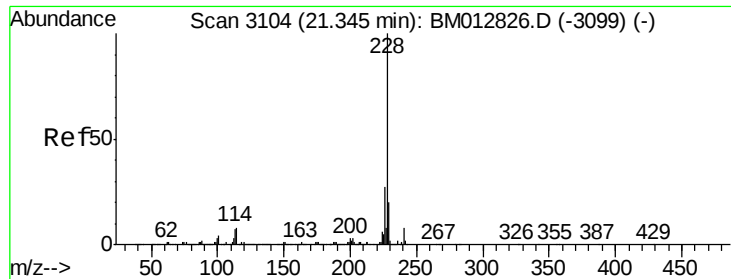
Sohil
 11/9/2017 3:48:58 PM



#79
 Pyrene
 Concen: 18.195 ng/ul
 RT: 19.62 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM012838.D
 Acq: 09 Nov 2017 01:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	10.2	15.2#
100	7.6	8.5	12.7#





#82

Benzo(a)anthracene

Concen: 5.576 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Instrument :

BNA_M

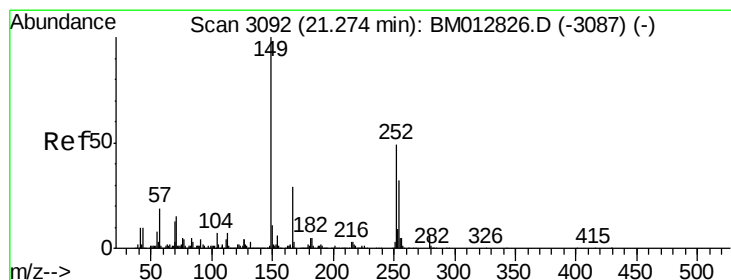
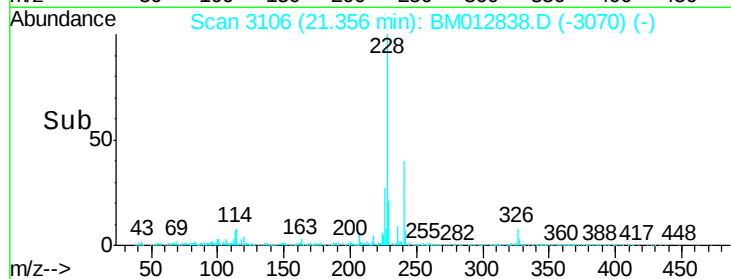
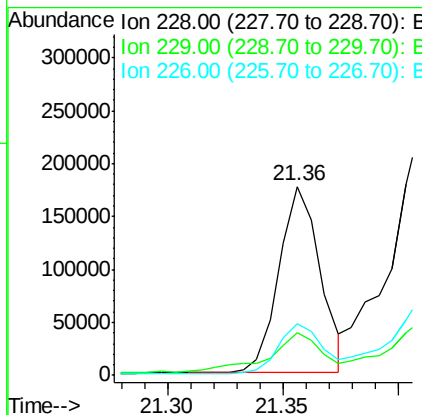
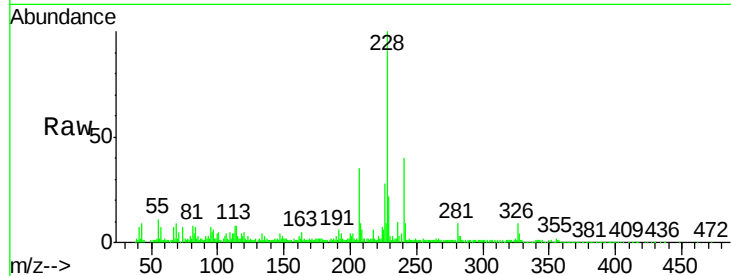
ClientSampleId :

B-3(1-2)-102517

Tgt Ion:	228	Resp:	219070
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.7	23.5
226	27.6	21.8	32.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.571 ng/ul

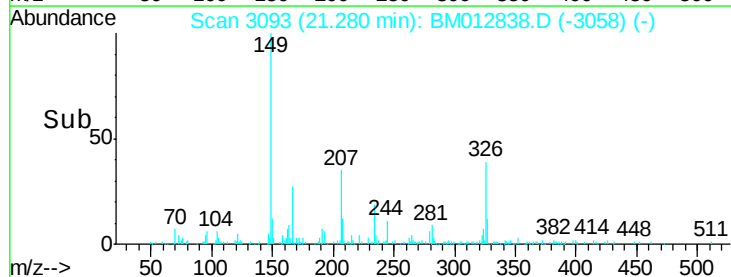
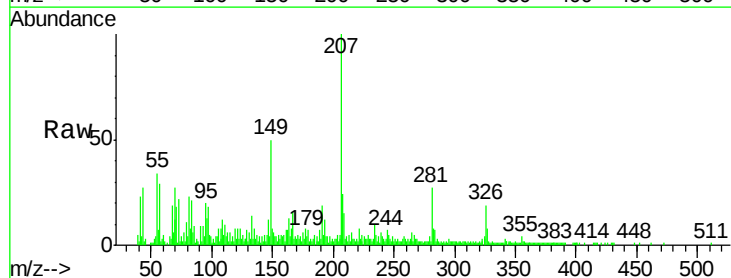
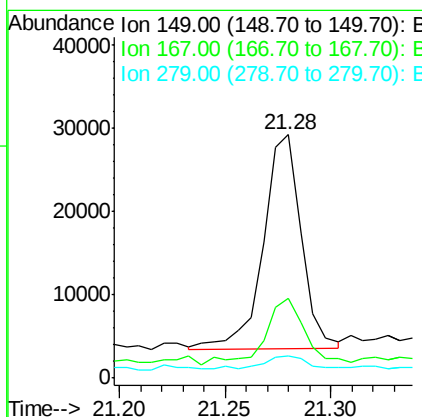
RT: 21.28 min Scan# 3093

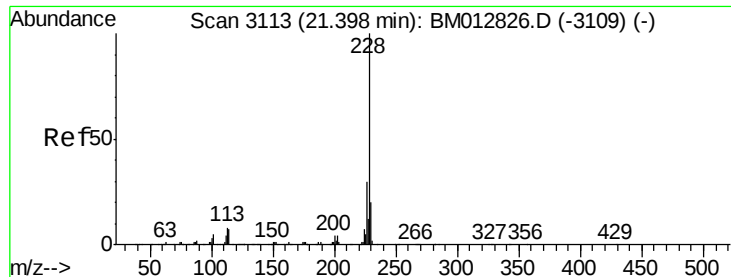
Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Tgt Ion:	149	Resp:	32334
Ion Ratio	Lower	Upper	
149	100		
167	32.6	21.6	32.4#
279	9.0	3.0	4.4#





#84

Chrysene

Concen: 9.493 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Instrument :

BNA_M

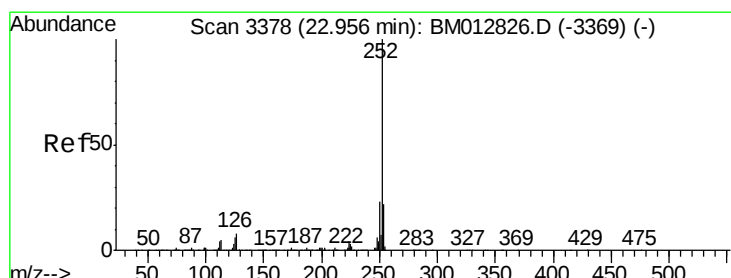
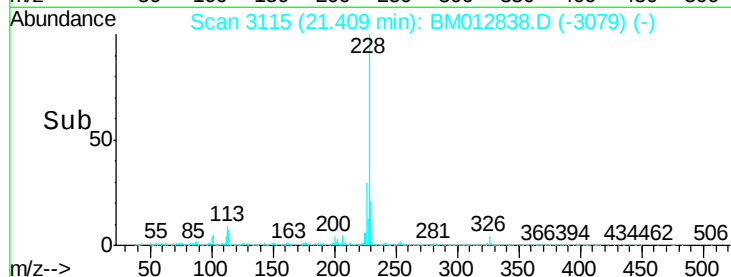
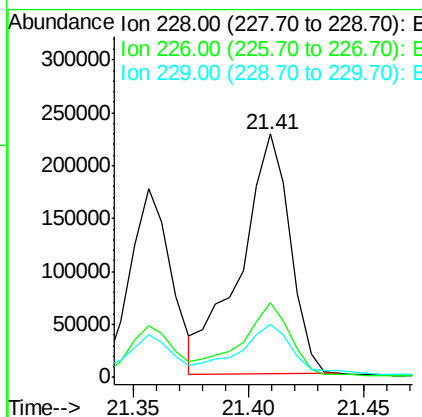
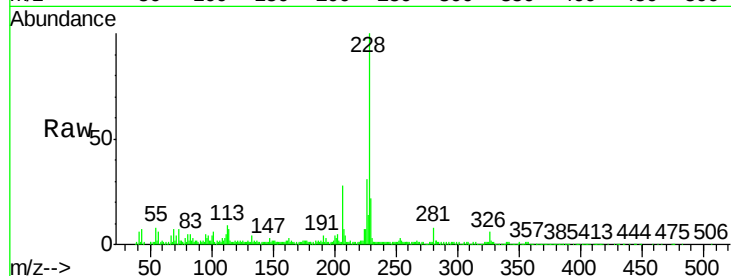
ClientSampleId :

B-3(1-2)-102517

Tgt Ion:	228	Resp:	338009
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	21.8	15.6	23.4

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#87

Benzo(b)fluoranthene

Concen: 9.344 ng/ul

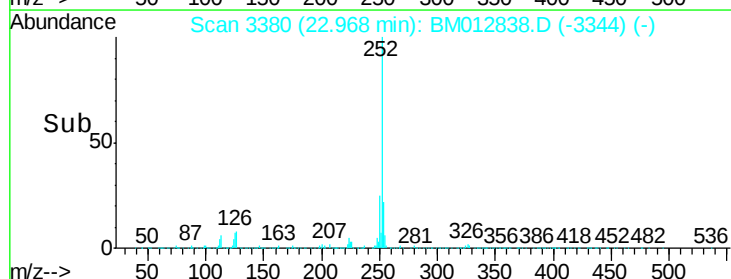
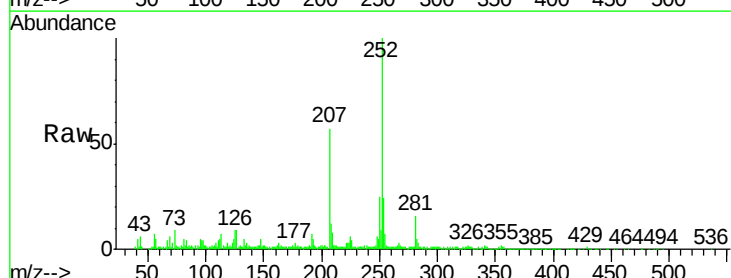
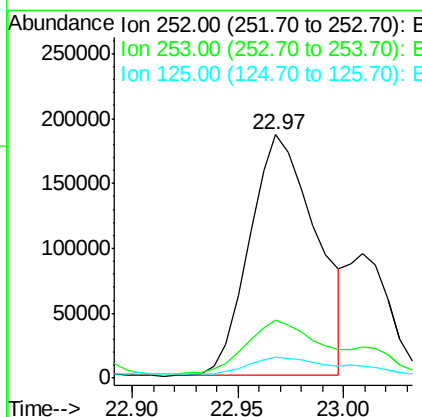
RT: 22.97 min Scan# 3380

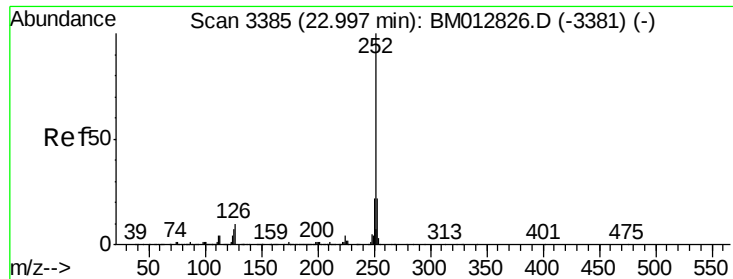
Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Tgt Ion:	252	Resp:	408068
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.5	26.3
125	8.5	8.5	12.7





#88

Benzo(k)fluoranthene

Concen: 3.152 ng/ul

RT: 23.01 min Scan# 3387

Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Instrument :

BNA_M

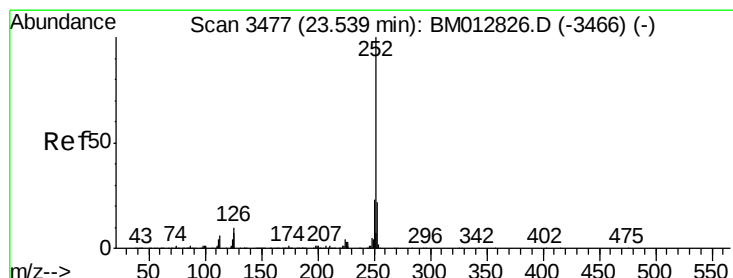
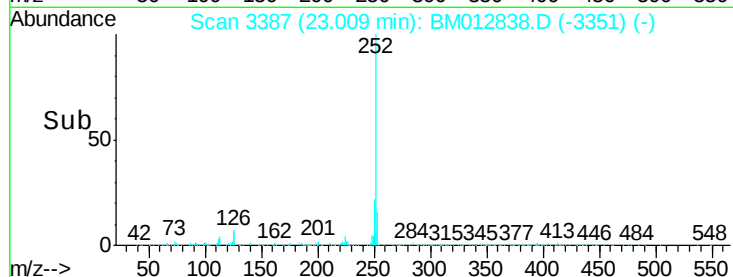
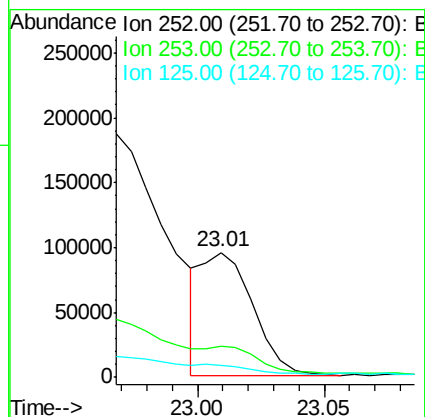
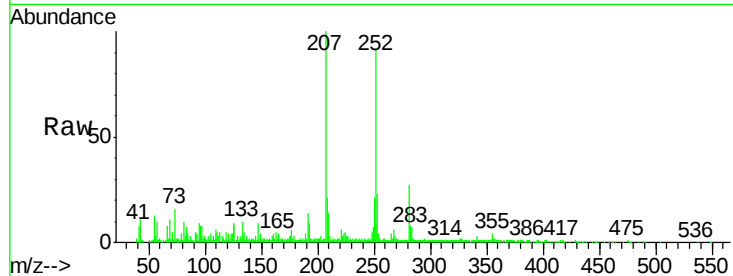
ClientSampleId :

B-3(1-2)-102517

Tgt Ion:	252	Resp:	130820
Ion Ratio		Lower	Upper
252	100		
253	25.1	17.3	25.9
125	9.3	8.2	12.2

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#90

Benzo(a)pyrene

Concen: 2.685 ng/ul

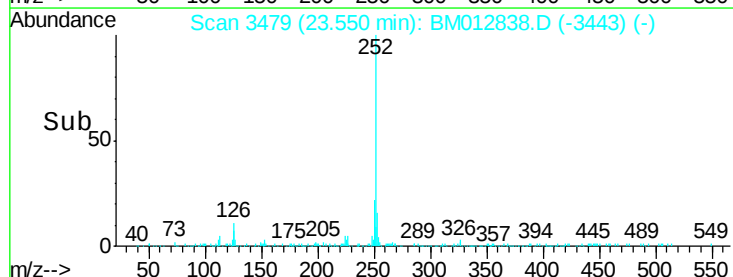
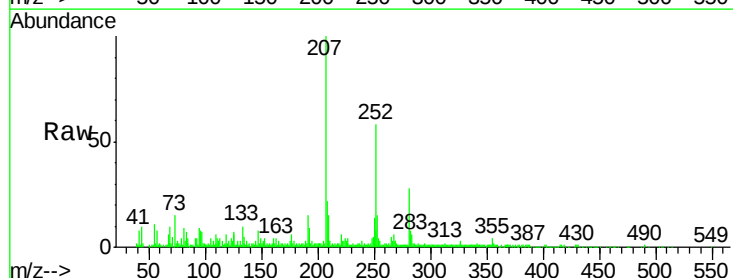
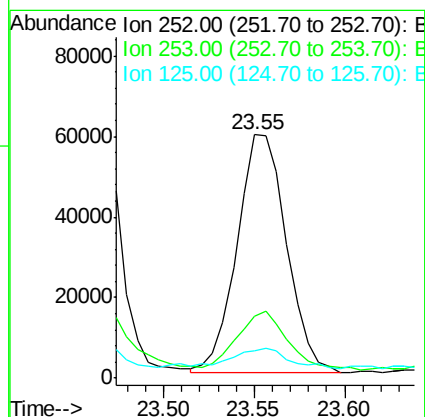
RT: 23.55 min Scan# 3479

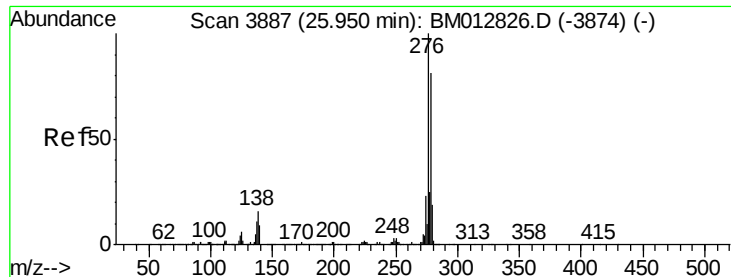
Delta R.T. 0.01 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Tgt Ion:	252	Resp:	111566
Ion Ratio		Lower	Upper
252	100		
253	25.2	17.2	25.8
125	11.1	9.0	13.6





#91

Indeno(1,2,3-cd)pyrene

Concen: 3.632 ng/ul

RT: 25.97 min Scan# 3890

Delta R.T. 0.02 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Instrument :

BNA_M

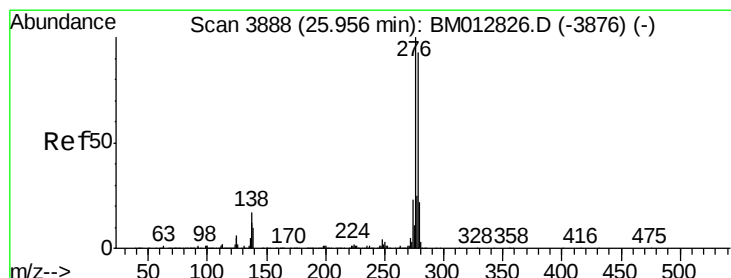
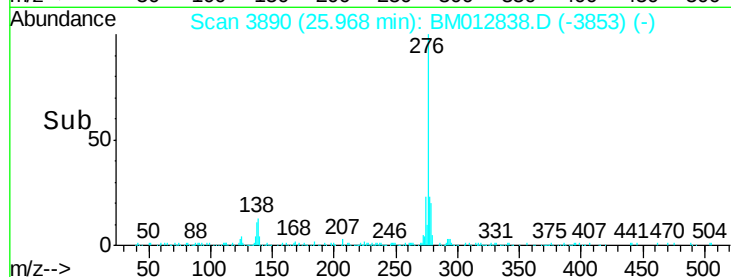
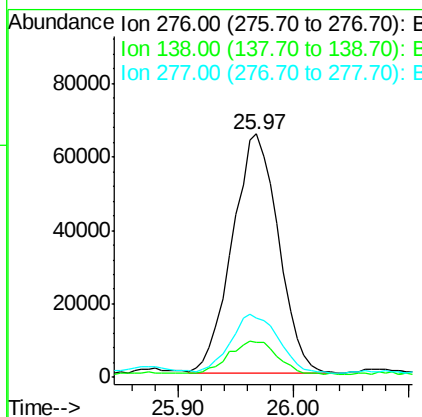
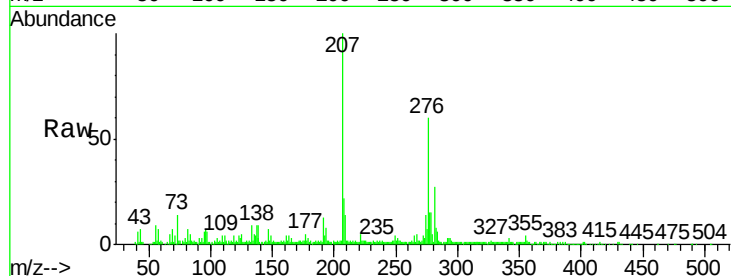
ClientSampleId :

B-3(1-2)-102517

Tgt Ion:	276	Resp:	181900
Ion Ratio	Lower	Upper	
276	100		
138	14.3	22.3	33.5#
277	24.6	20.2	30.2

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#92

Dibenzo(a,h)anthracene

Concen: 1.377 ng/ul m

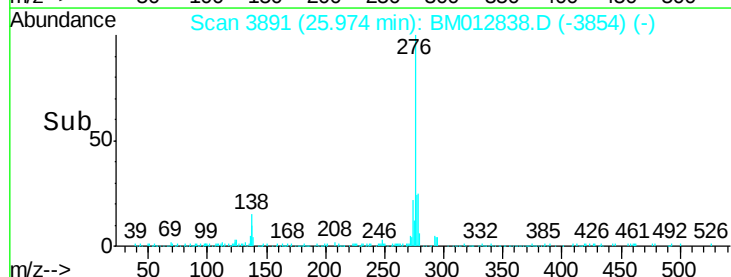
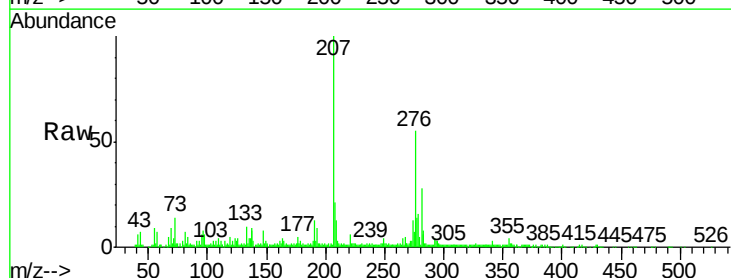
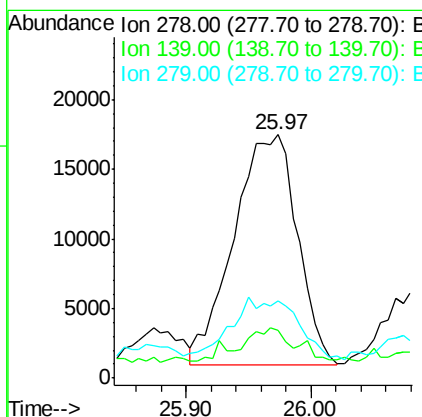
RT: 25.97 min Scan# 3891

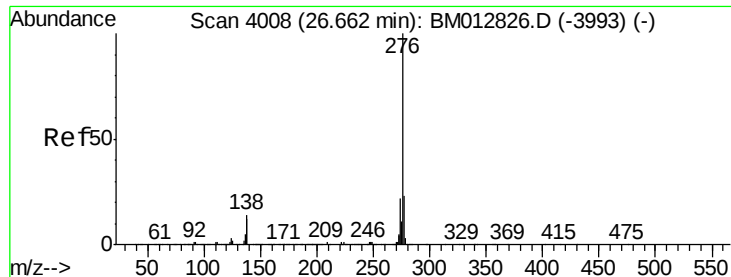
Delta R.T. 0.02 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Tgt Ion:	278	Resp:	58397
Ion Ratio	Lower	Upper	
278	100		
139	19.4	13.9	20.9
279	31.7	19.0	28.4#





#93

Benzo(g,h,i)perylene

Concen: 4.266 ng/ul

RT: 26.68 min Scan# 4011

Delta R.T. 0.02 min

Lab File: BM012838.D

Acq: 09 Nov 2017 01:18

Instrument :

BNA_M

ClientSampleId :

B-3(1-2)-102517

Tgt Ion:	276	Resp:	176071
Ion Ratio	Lower	Upper	
276	100		
138	16.4	18.9	28.3#
277	25.4	19.2	28.8

Manual Integrations
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