

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012730.D
 Acq On : 05 Nov 2017 04:53
 Operator : SJ/JU
 Sample : I5825-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-62(5-5.5)-101117

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:08 PM

Quant Time: Nov 06 04:22:20 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	119596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	446387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	264512	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	552602	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	589118	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	622591	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	10673	4.82	ng/uL	0.00
5) Phenol-d5	6.99	99	242698	27.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	190015	39.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	205856	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	85581	11.14	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	103227	31.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	122219	32.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	206617	26.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	23906	3.20	ng/ul	-0.02
43) Dimethylphthalate-d6	13.86	166	664818	30.37	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	817731	30.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	74281	21.18	ng/ul	0.01
57) Fluorene-d10	15.45	176	567370	30.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	69385	19.02	ng/ul	0.00
70) Anthracene-d10	17.29	188	764512	28.63	ng/ul	0.00
78) Pyrene-d10	19.59	212	881709	32.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.53	264	828701	28.15	ng/ul	0.02
Target Compounds						
6) Phenol	7.02	94	49423	5.410	ng/ul#	79
28) Naphthalene	10.66	128	80042	3.587	ng/ul#	88
34) 2-Methylnaphthalene	12.26	142	34508	2.023	ng/ul	97
44) Dimethylphthalate	13.90	163	107996	4.972	ng/ul	97
69) Phenanthrene	17.23	178	121527	4.023	ng/ul	99
75) Di-n-butylphthalate	18.17	149	13920410	454.838	ng/ul#	96
76) Fluoranthene	19.25	202	291856	8.041	ng/ul#	95
79) Pyrene	19.62	202	301590	8.580	ng/ul#	92
80) Butylbenzylphthalate	20.52	149	73785	5.756	ng/ul#	71
82) Benzo(a)anthracene	21.37	228	157145	4.408	ng/ul#	74
83) Bis(2-ethylhexyl)phthalate	21.29	149	357982	19.171	ng/ul#	90
84) Chrysene	21.42	228	162617	5.033	ng/ul#	91
87) Benzo(b)fluoranthene	22.99	252	204612	5.378	ng/ul#	85
88) Benzo(k)fluoranthene	23.02	252	74680m	2.065	ng/ul	
90) Benzo(a)pyrene	23.57	252	138924	3.837	ng/ul#	74
91) Indeno(1,2,3-cd)pyrene	25.99	276	115355	2.644	ng/ul#	87
93) Benzo(g,h,i)perylene	26.70	276	158166	4.399	ng/ul#	91

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

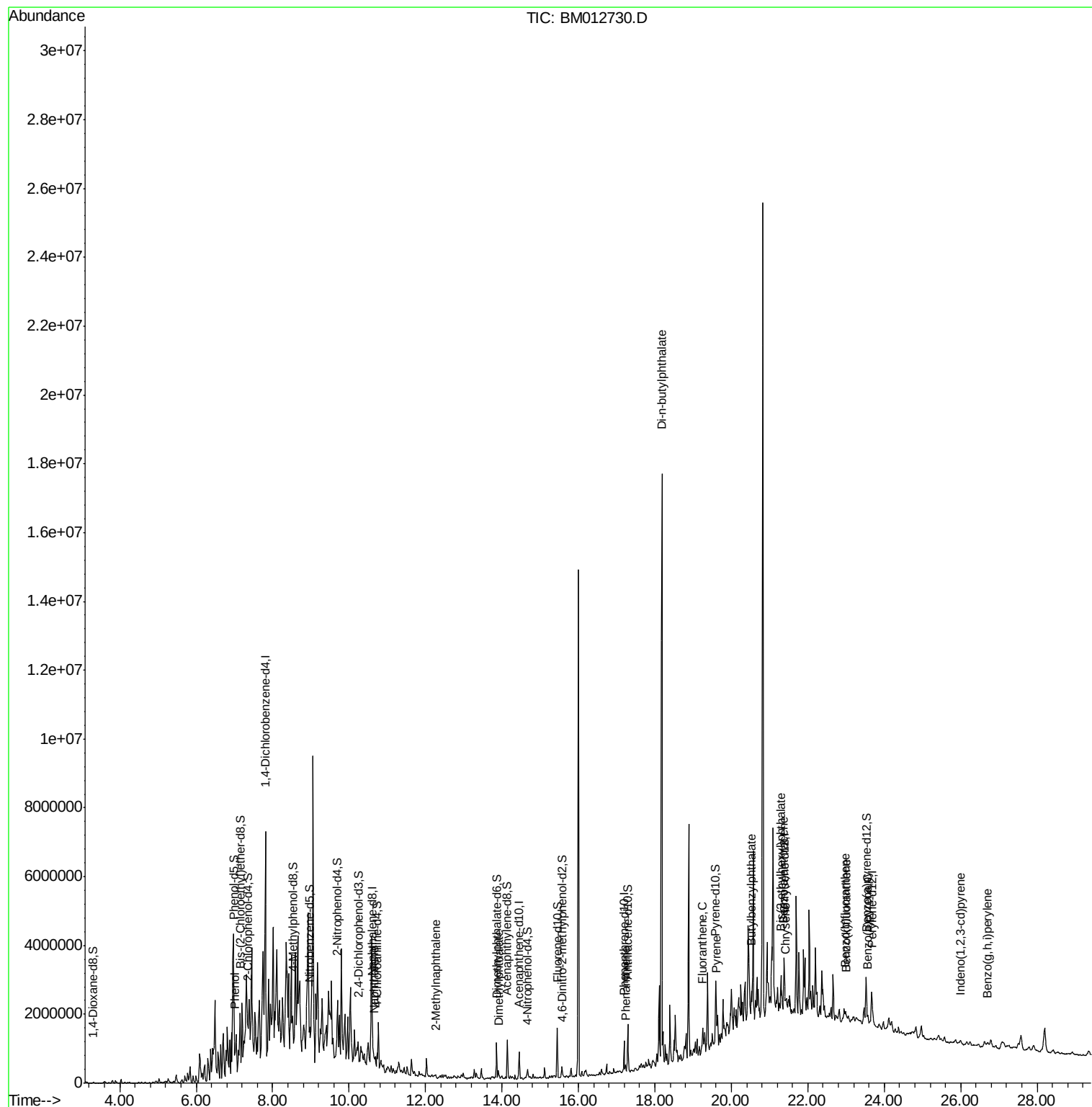
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
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ALS Vial : 22 Sample Multiplier: 1

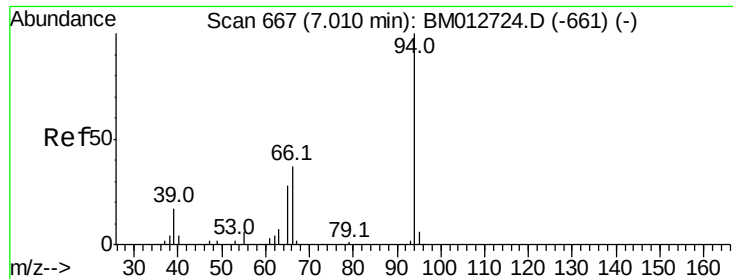
Instrument :
BNA_M
ClientSampleId :
B-62(5-5.5)-101117

Manual Integrations
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Quant Time: Nov 06 04:22:20 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





#6

Phenol

Concen: 5.410 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Instrument :

BNA_M

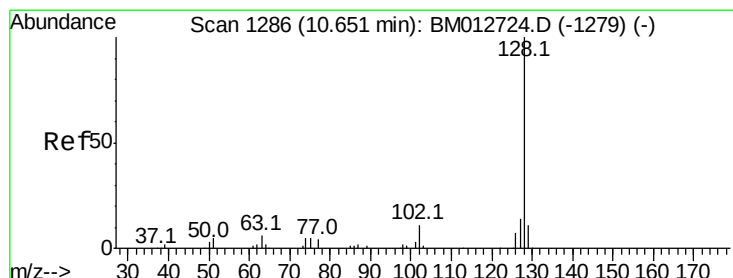
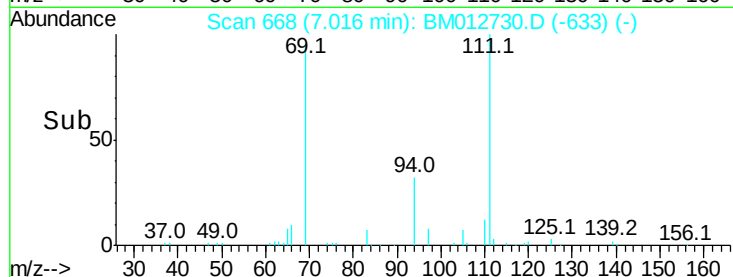
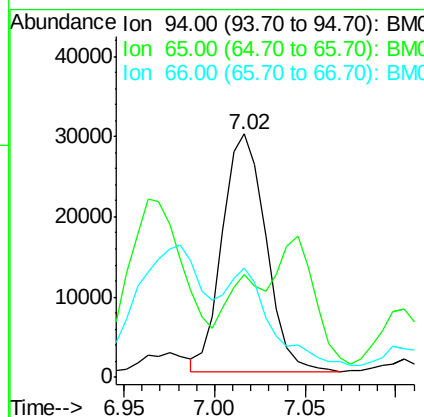
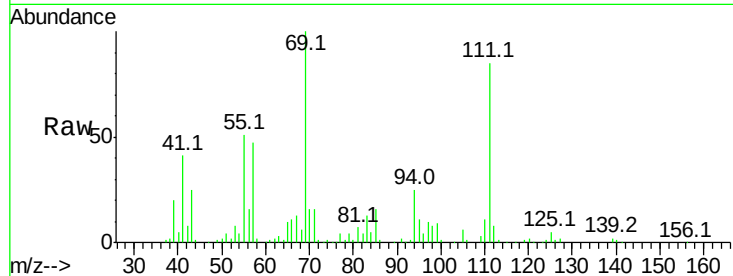
ClientSampled :

B-62(5-5.5)-101117

Tot Ion:	94	Resp:	49423
Ion Ratio	Lower	Upper	
94	100		
65	42.0	21.0	31.6#
66	45.0	29.3	43.9#

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#28

Naphthalene

Concen: 3.587 ng/ul

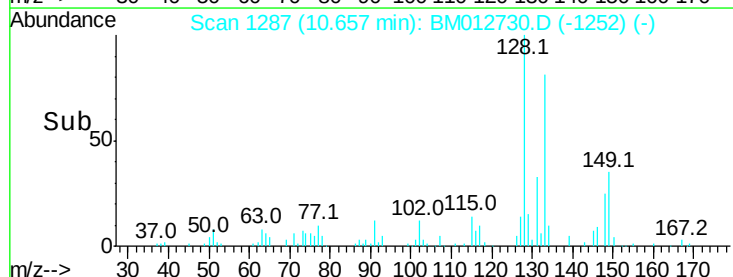
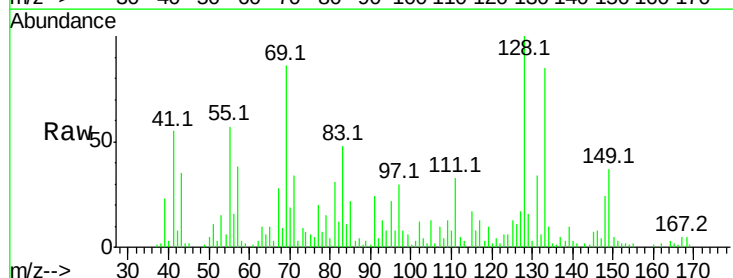
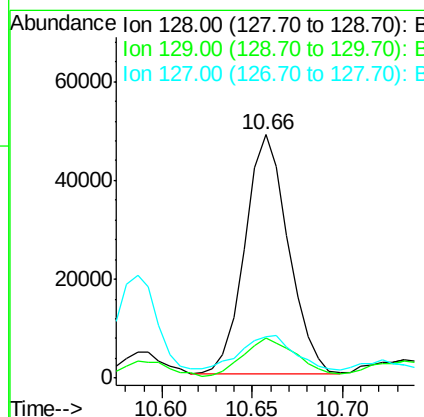
RT: 10.66 min Scan# 1287

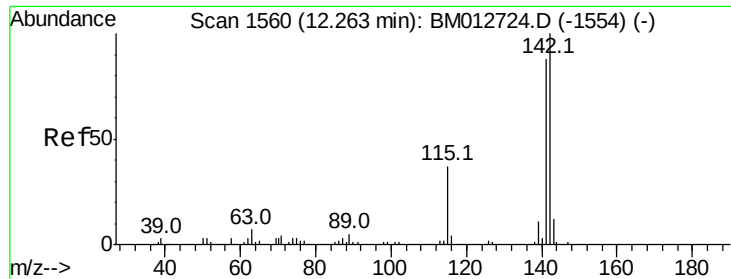
Delta R.T. 0.01 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Tgt Ion:	128	Resp:	80042
Ion Ratio	Lower	Upper	
128	100		
129	16.4	8.8	13.2#
127	17.0	10.5	15.7#





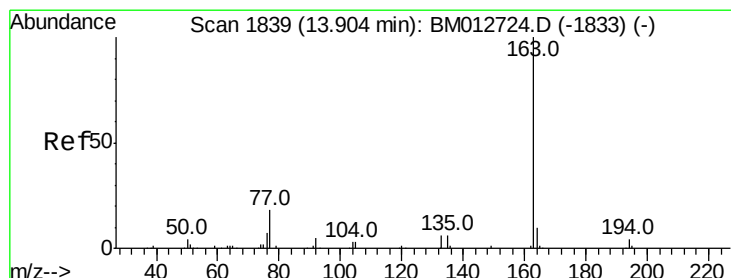
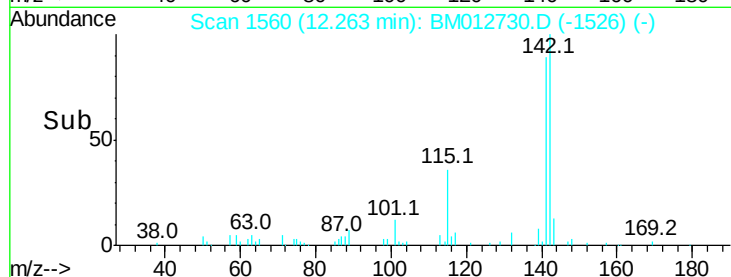
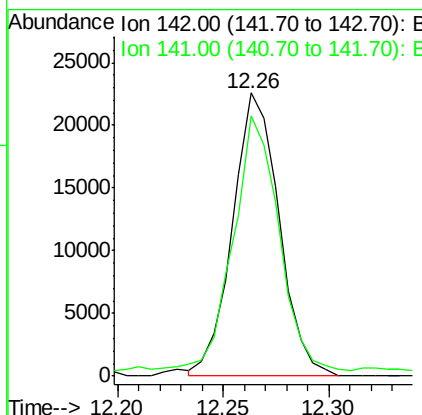
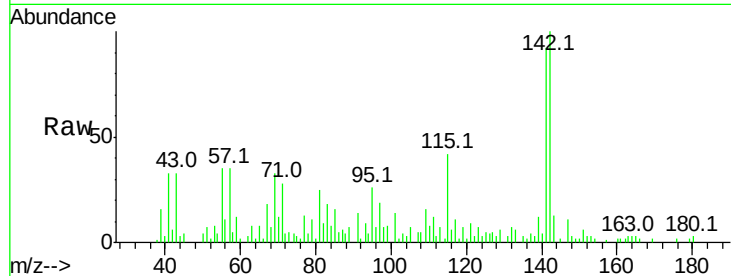
#34
 2-Methylnaphthalene
 Concen: 2.023 ng/ul
 RT: 12.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BM012730.D
 Acq: 05 Nov 2017 04:53

Instrument :
 BNA_M
 ClientSampled :
 B-62(5-5.5)-101117

Tot Ion:142 Resp: 34508
 Ion Ratio Lower Upper
 142 100
 141 92.0 71.6 107.4

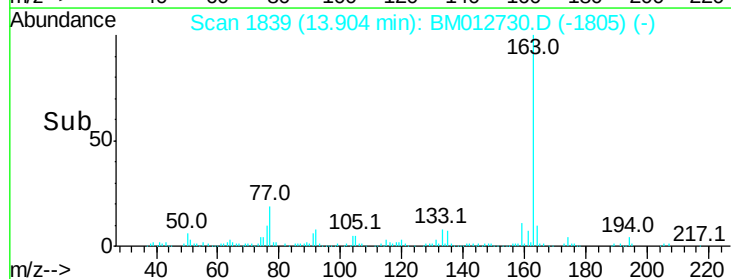
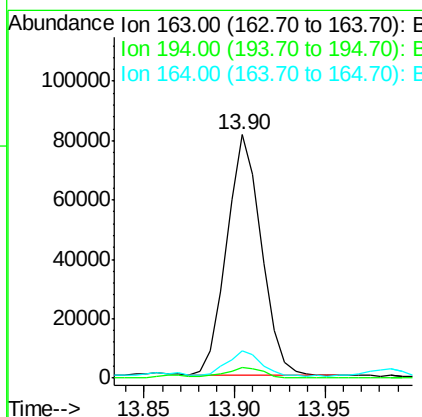
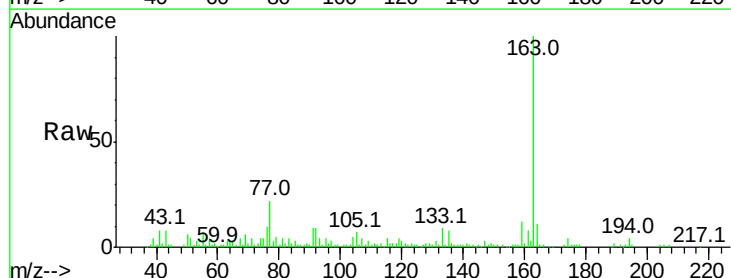
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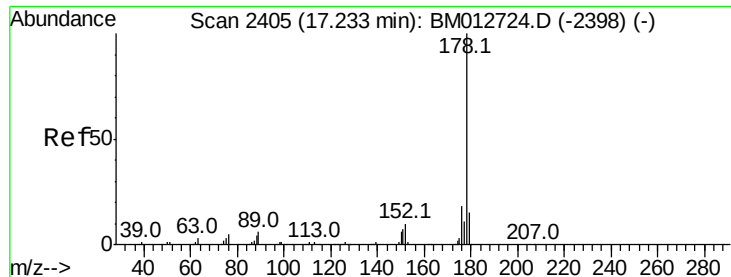
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#44
 Dimethylphthalate
 Concen: 4.972 ng/ul
 RT: 13.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BM012730.D
 Acq: 05 Nov 2017 04:53

Tgt Ion:163 Resp: 107996
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.2 4.8
 164 11.3 7.8 11.8





#69

Phenanthrene

Concen: 4.023 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Instrument :

BNA_M

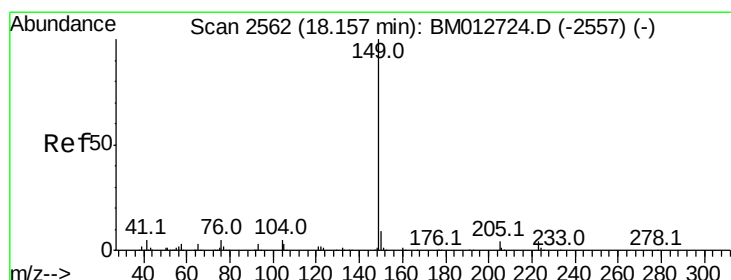
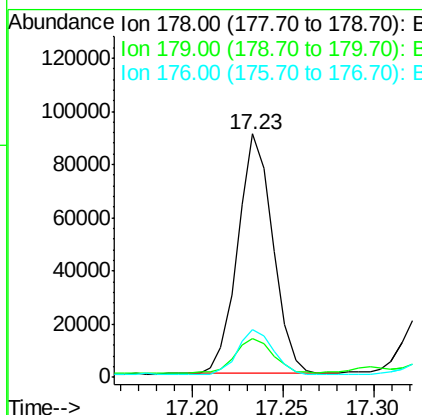
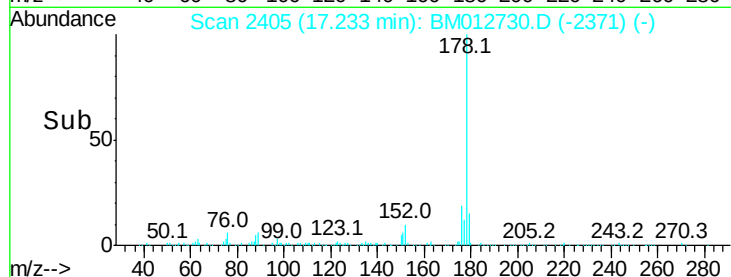
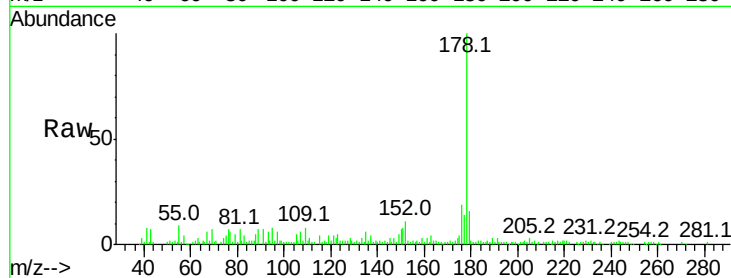
ClientSampleId :

B-62(5-5.5)-101117

Tot Ion:	178	Resp:	121527
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.2	18.4
176	19.5	15.6	23.4

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#75

Di-n-butylphthalate

Concen: 454.838 ng/ul

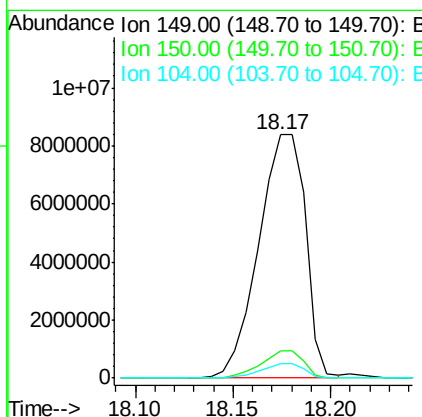
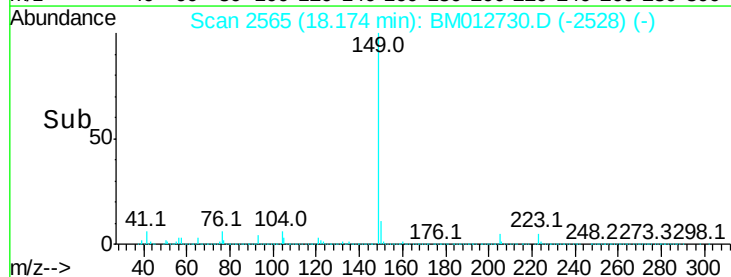
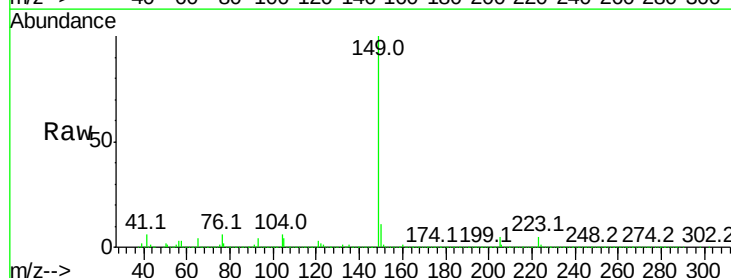
RT: 18.17 min Scan# 2565

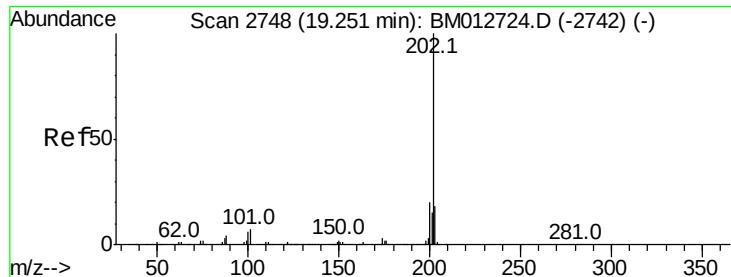
Delta R.T. 0.02 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Tgt Ion:	149	Resp:	13920410
Ion Ratio	Lower	Upper	
149	100		
150	11.1	7.4	11.0#
104	6.0	4.0	6.0





#76

Fluoranthene

Concen: 8.041 ng/ul

RT: 19.25 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Instrument :

BNA_M

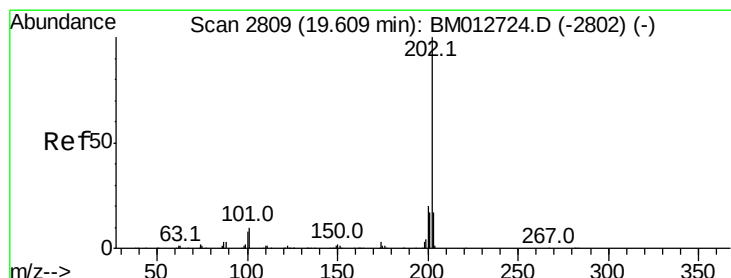
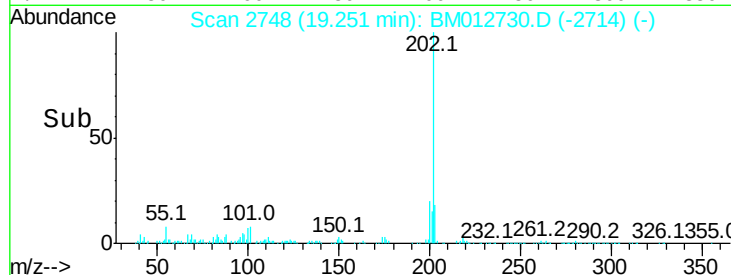
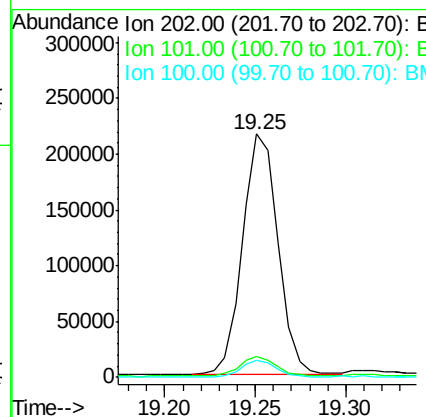
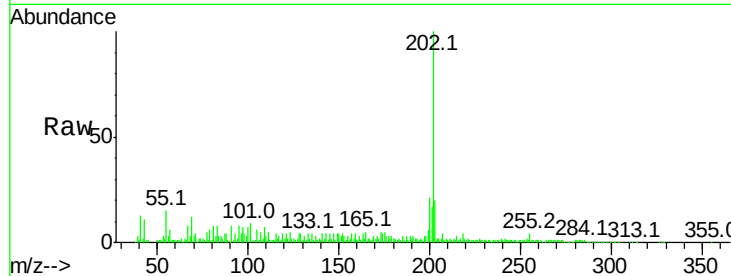
ClientSampleId :

B-62(5-5.5)-101117

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.6	8.8	13.2#
100	6.8	6.6	9.8

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#79

Pyrene

Concen: 8.580 ng/ul

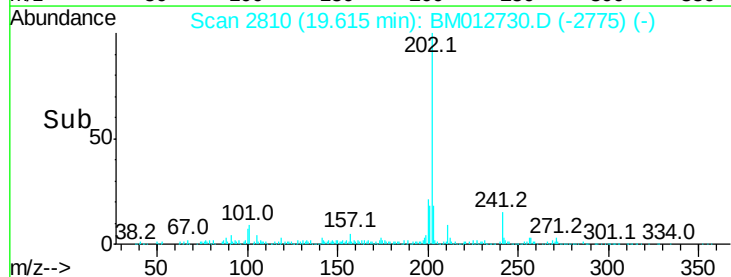
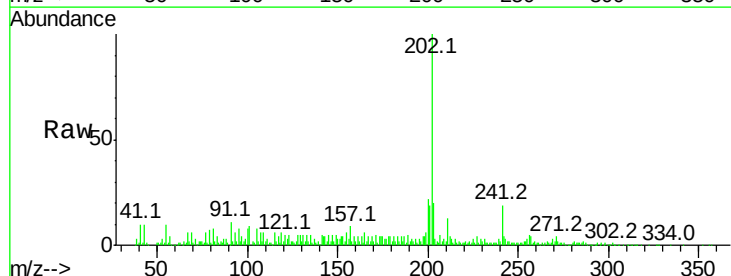
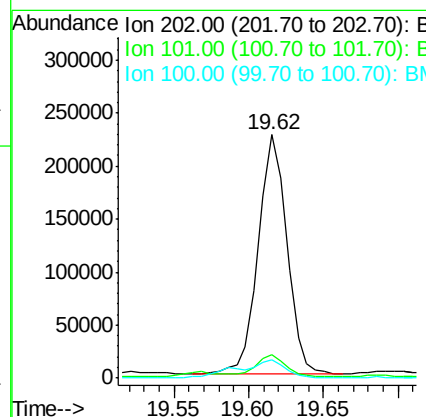
RT: 19.62 min Scan# 2810

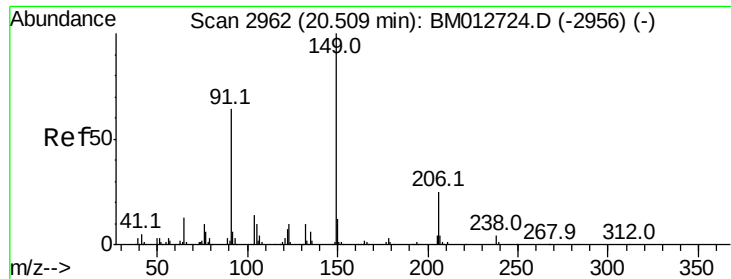
Delta R.T. 0.01 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.4	10.2	15.2#
100	7.5	8.5	12.7#





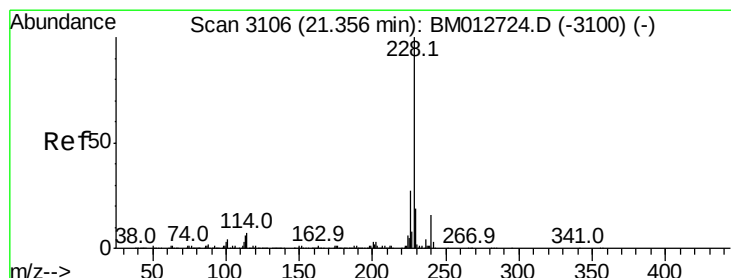
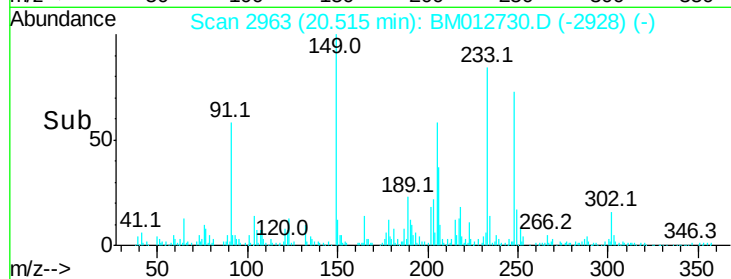
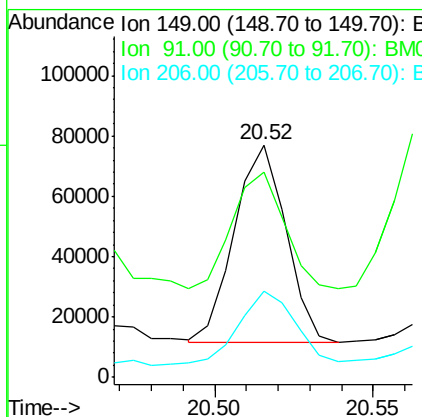
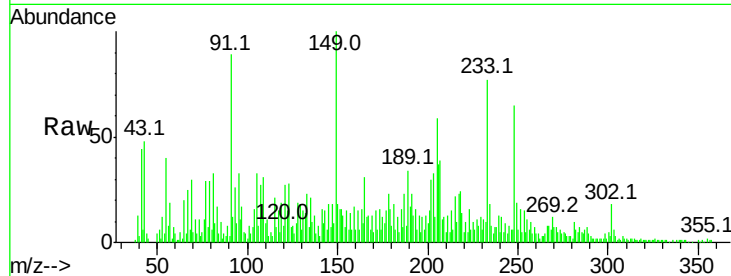
#80
Butylbenzylphthalate
Concen: 5.756 ng/ul
RT: 20.52 min Scan# 2963
Delta R.T. 0.01 min
Lab File: BM012730.D
Acq: 05 Nov 2017 04:53

Instrument :
BNA_M
ClientSampled :
B-62(5-5.5)-101117

Tot Ion	Ratio	Lower	Upper
149	100		
91	88.5	53.4	80.2#
206	37.0	16.6	24.8#

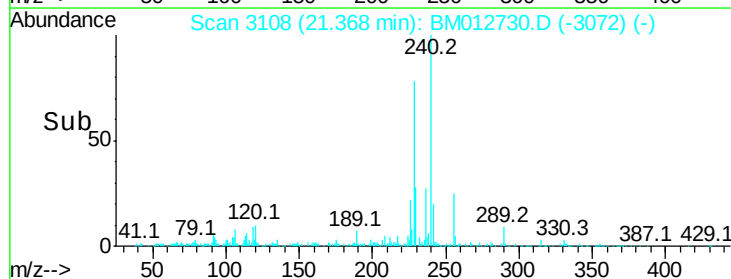
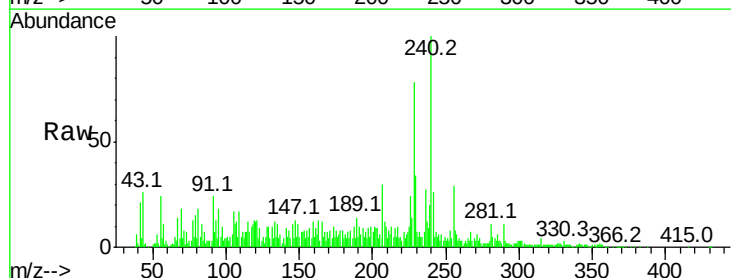
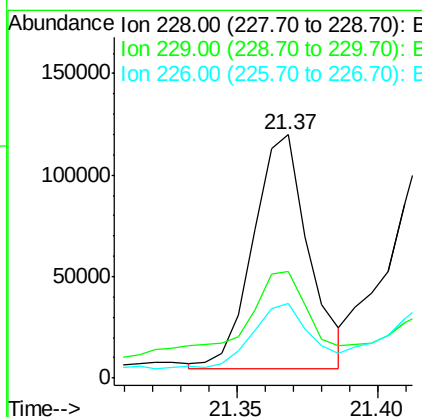
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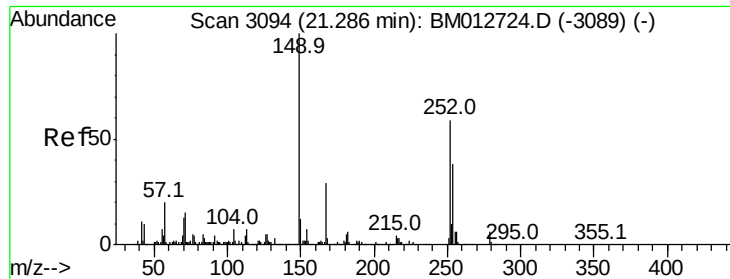
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#82
Benzo(a)anthracene
Concen: 4.408 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM012730.D
Acq: 05 Nov 2017 04:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	44.0	15.7	23.5#
226	30.8	21.8	32.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 19.171 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Instrument :

BNA_M

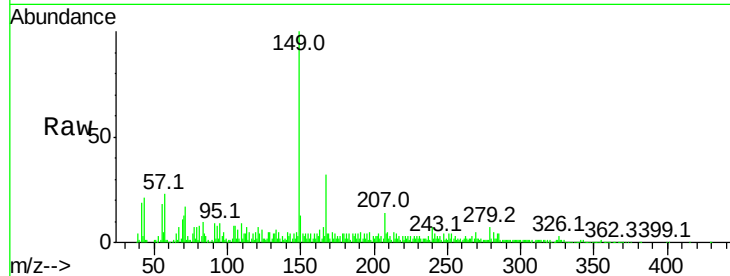
ClientSampleId :

B-62(5-5.5)-101117

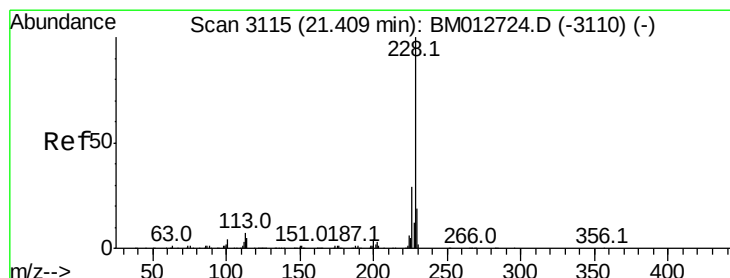
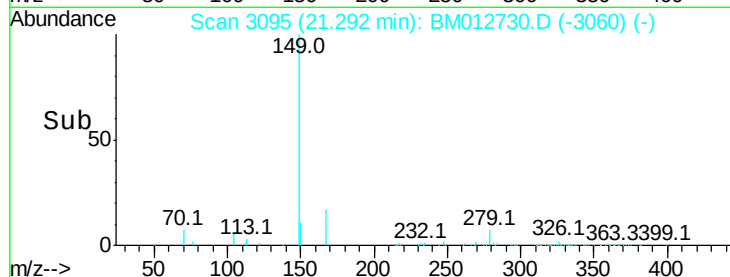
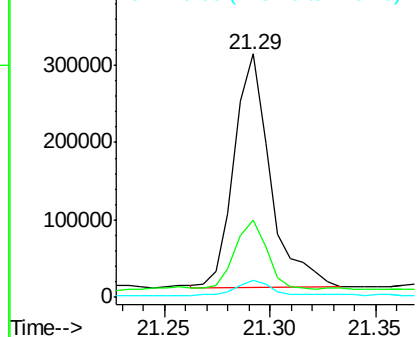
Tot Ion:	149	Resp:	357982
Ion Ratio	Lower	Upper	
149	100		
167	31.9	21.6	32.4
279	7.2	3.0	4.4#

Manual Integrations
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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: 5.033 ng/ul

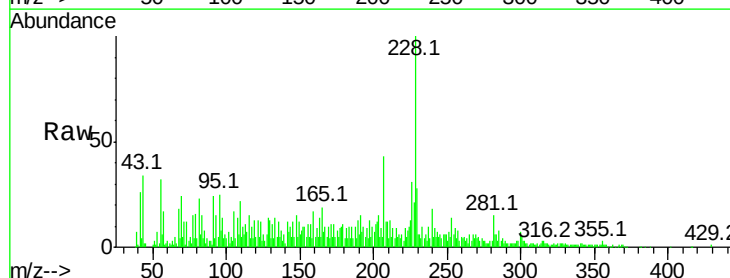
RT: 21.42 min Scan# 3116

Delta R.T. 0.01 min

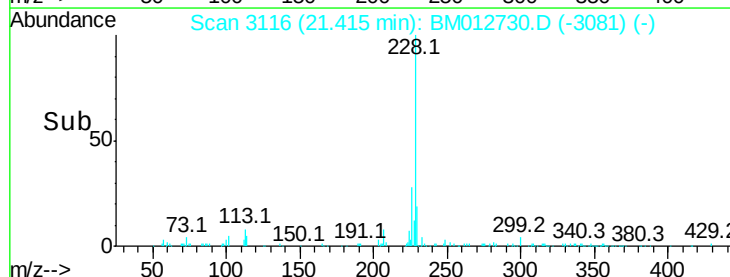
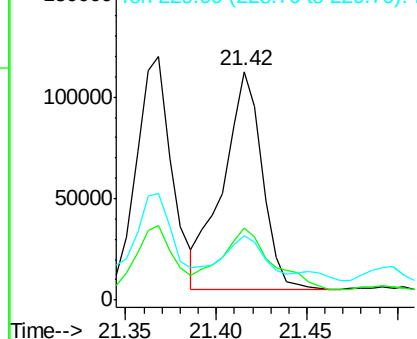
Lab File: BM012730.D

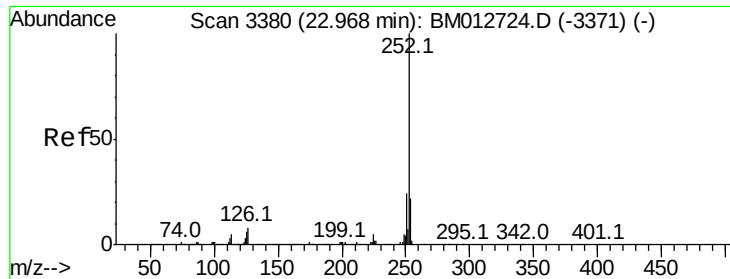
Acq: 05 Nov 2017 04:53

Tgt Ion:	228	Resp:	162617
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.0	36.0
229	28.1	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: 5.378 ng/ul

RT: 22.99 min Scan# 3383

Delta R.T. 0.02 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Instrument :

BNA_M

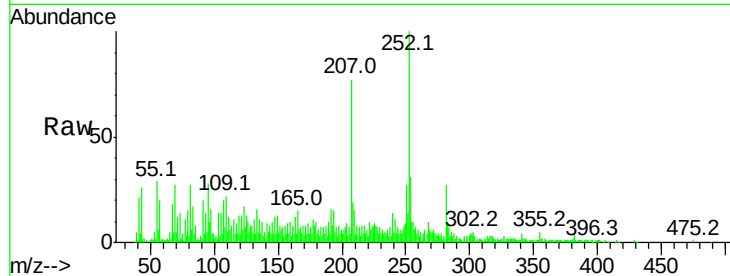
ClientSampleId :

B-62(5-5.5)-101117

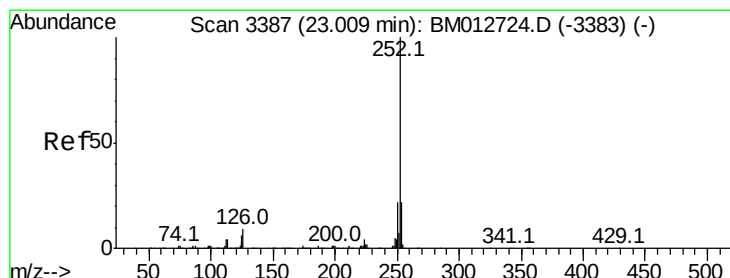
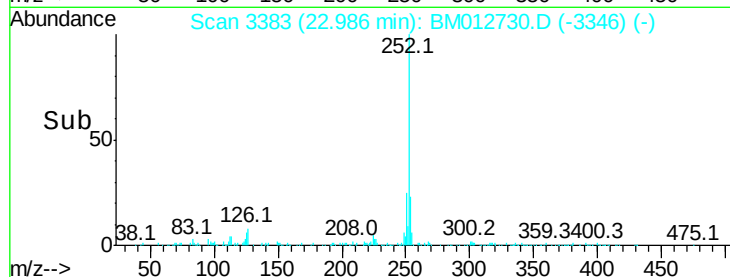
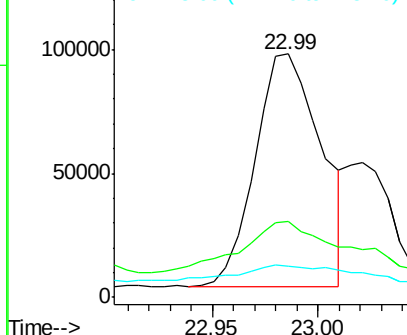
Tot Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.5	26.3#
125	12.7	8.5	12.7#

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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



#88

Benzo(k)fluoranthene

Concen: 2.065 ng/ul m

RT: 23.02 min Scan# 3389

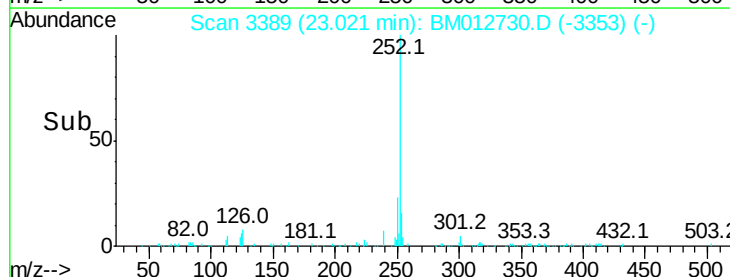
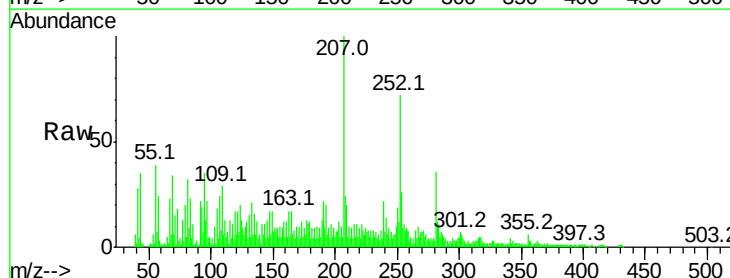
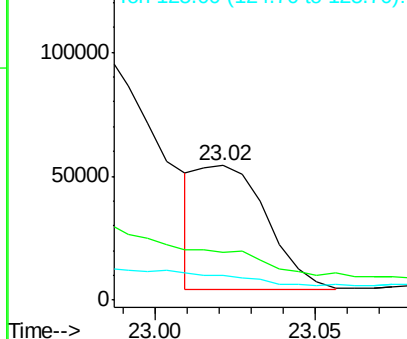
Delta R.T. 0.01 min

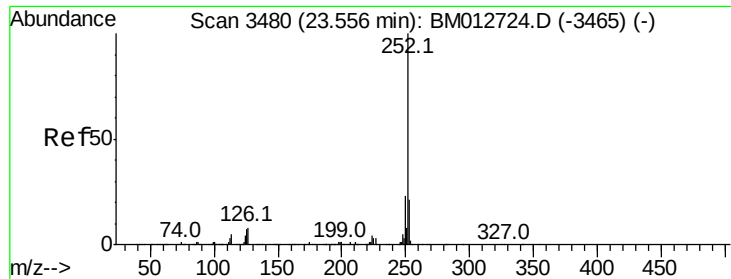
Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.3	25.9#
125	18.1	8.2	12.2#

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





#90

Benzo(a)pyrene

Concen: 3.837 ng/ul

RT: 23.57 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Instrument :

BNA_M

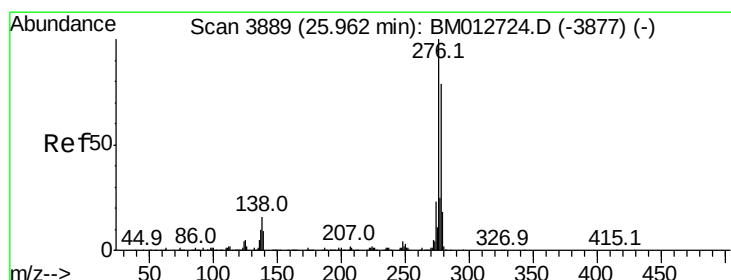
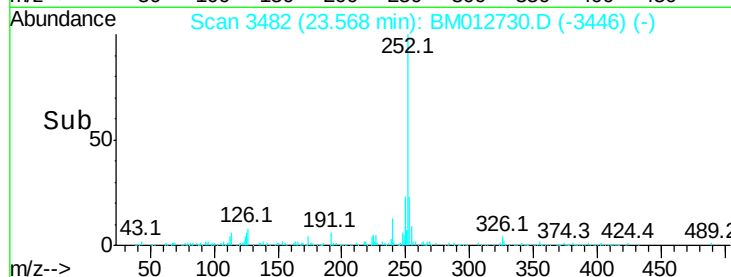
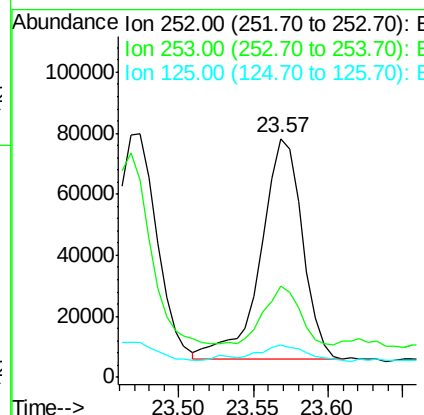
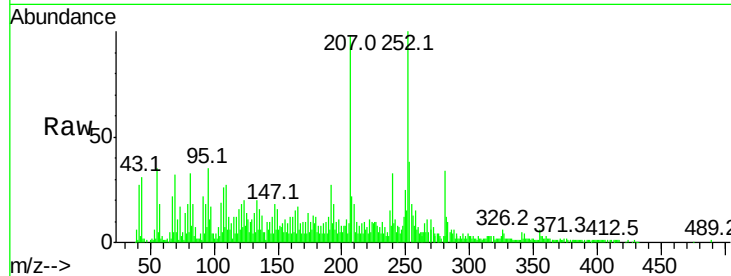
ClientSampleId :

B-62(5-5.5)-101117

Tot Ion:	252	Resp:	138924
Ion Ratio	Lower	Upper	
252	100		
253	38.3	17.2	25.8#
125	13.8	9.0	13.6#

Manual Integrations
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#91

Indeno(1,2,3-cd)pyrene

Concen: 2.644 ng/ul

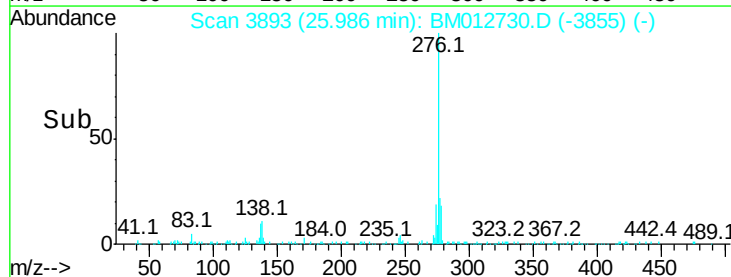
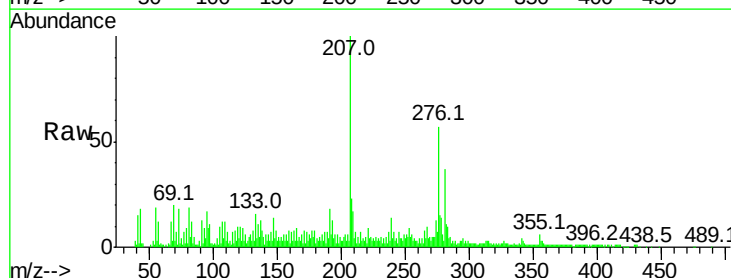
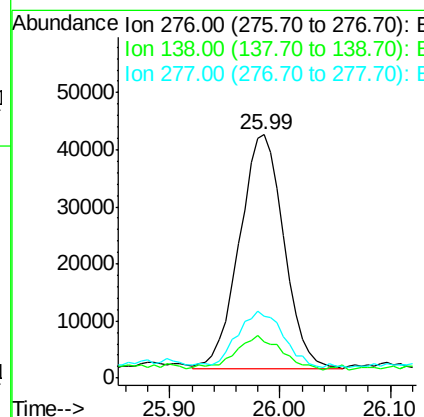
RT: 25.99 min Scan# 3893

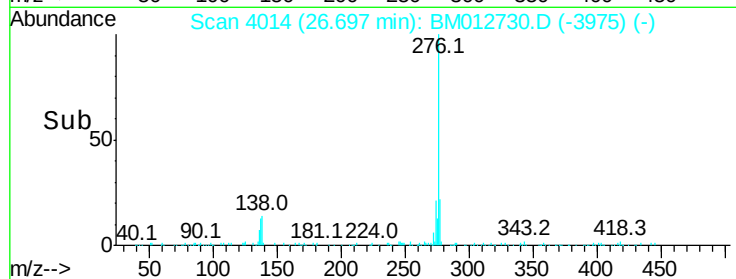
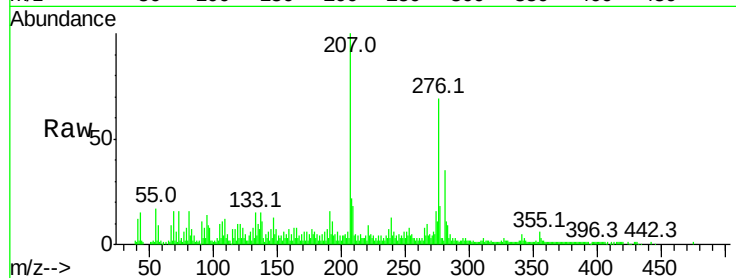
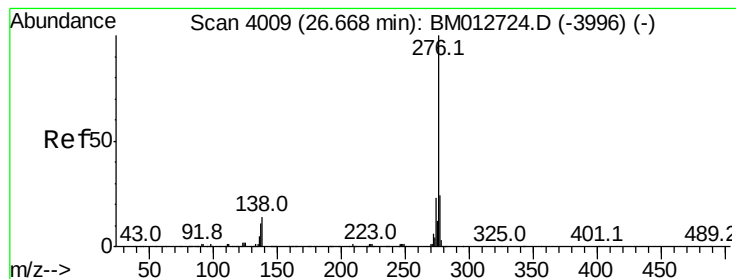
Delta R.T. 0.02 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Tgt Ion:	276	Resp:	115355
Ion Ratio	Lower	Upper	
276	100		
138	14.8	22.3	33.5#
277	25.6	20.2	30.2





#93

Benzo(a,h,i)perylene

Concen: 4.399 ng/ul

RT: 26.70 min Scan# 4014

Delta R.T. 0.03 min

Lab File: BM012730.D

Acq: 05 Nov 2017 04:53

Instrument :

BNA_M

ClientSampleId :

B-62(5-5.5)-101117

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	18.9	28.3#
277	25.6	19.2	28.8

Manual Integrations
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