

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012729.D
 Acq On : 05 Nov 2017 04:17
 Operator : SJ/JU
 Sample : I5825-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-62(0-1)-101117

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:05 PM

Quant Time: Nov 06 04:16:54 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	7.81	152	109399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	449428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	277881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	612169	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	540385	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	560664	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	9668	4.77	ng/uL	0.00
5) Phenol-d5	6.99	99	215806	26.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	120589	27.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	191129	28.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	170630	24.28	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	94852	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	111039	29.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	215392	27.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	109109	14.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	681417	29.63	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	833873	29.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	68366	18.55	ng/ul	0.00
57) Fluorene-d10	15.44	176	587714	29.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	83896	20.76	ng/ul	0.00
70) Anthracene-d10	17.29	188	861328	29.12	ng/ul	0.00
78) Pyrene-d10	19.59	212	873794	34.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	800148	30.18	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.01	94	29518	3.533	ng/ul#	88
44) Dimethylphthalate	13.90	163	120374	5.275	ng/ul#	99
49) Acenaphthene	14.51	153	29027	1.546	ng/ul	98
58) Fluorene	15.50	166	32805	1.442	ng/ul	97
69) Phenanthrene	17.23	178	672608	20.102	ng/ul	98
71) Anthracene	17.33	178	132642	3.823	ng/ul	98
74) Carbazole	17.60	167	85301	2.948	ng/ul	97
75) Di-n-butylphthalate	18.16	149	852297	25.138	ng/ul	100
76) Fluoranthene	19.25	202	1247797	31.033	ng/ul#	93
79) Pyrene	19.62	202	1046049	32.445	ng/ul#	91
80) Butylbenzylphthalate	20.51	149	16307	1.387	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	529650	16.197	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	179893	10.503	ng/ul#	96
84) Chrysene	21.41	228	537516	18.138	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	765221	22.334	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	252892	7.765	ng/ul#	95
90) Benzo(a)pyrene	23.56	252	513518m	15.751	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.96	276	388314	9.882	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.96	278	100645	3.026	ng/ul#	80
93) Benzo(g,h,i)perylene	26.67	276	359140	11.092	ng/ul#	89

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

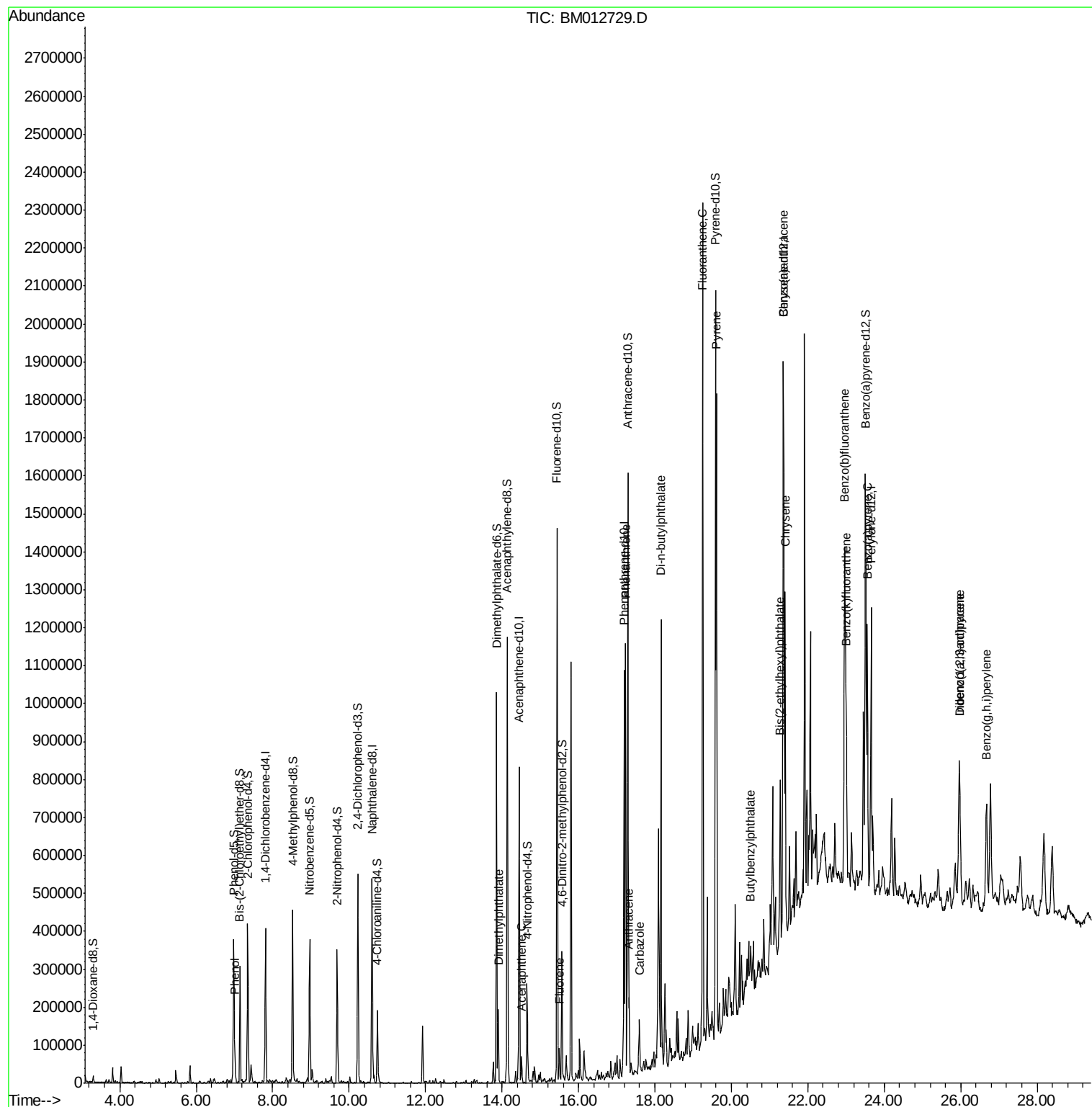
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012729.D
Acq On : 05 Nov 2017 04:17
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ALS Vial : 21 Sample Multiplier: 1

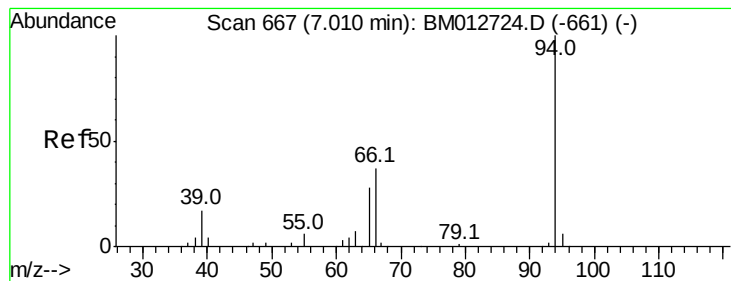
Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Manual Integrations
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Quant Time: Nov 06 04:16:54 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: 3.533 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Instrument :

BNA_M

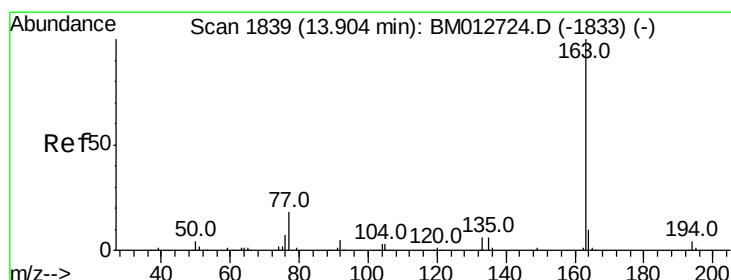
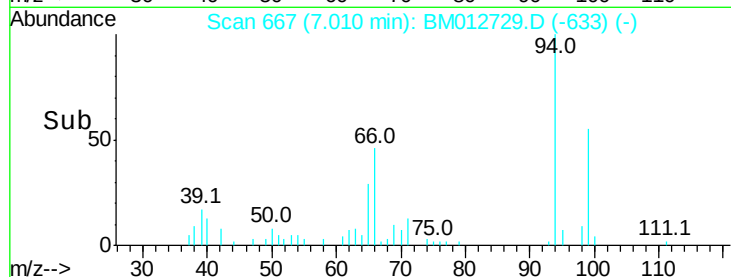
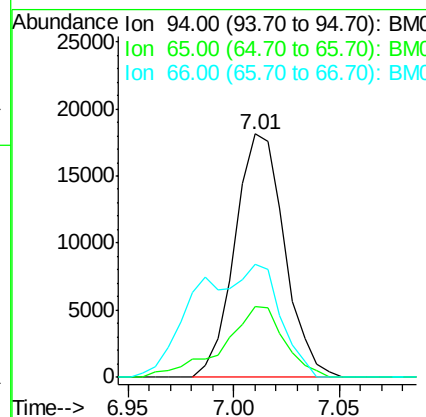
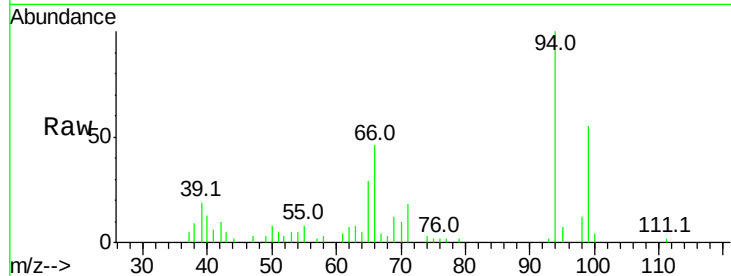
ClientSampleId :

B-62(0-1)-101117

Tot Ion:	94	Resp:	29518
Ion Ratio	Lower	Upper	
94	100		
65	29.2	21.0	31.6
66	46.5	29.3	43.9#

Manual Integrations
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#44

Dimethylphthalate

Concen: 5.275 ng/ul

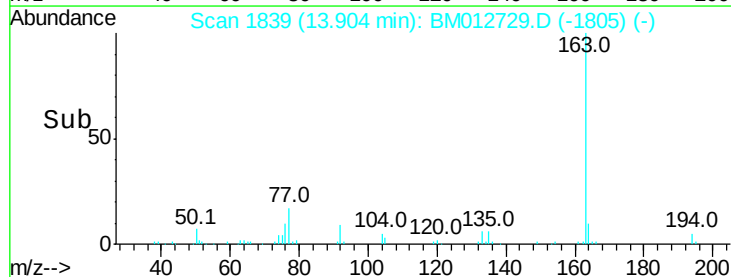
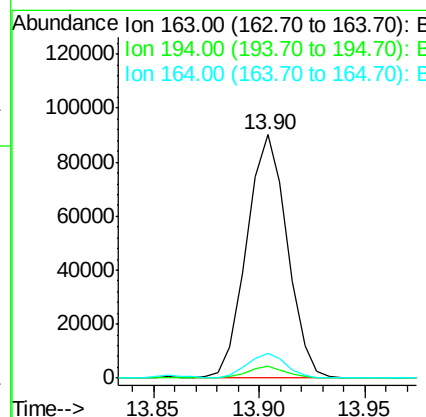
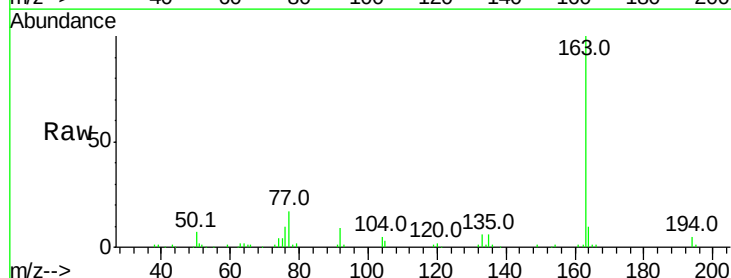
RT: 13.90 min Scan# 1839

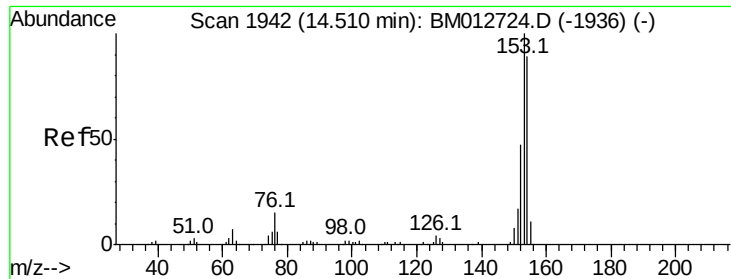
Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Tgt Ion:	163	Resp:	120374
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.2	4.8#
164	10.0	7.8	11.8





#49

Acenaphthene

Concen: 1.546 ng/ul

RT: 14.51 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Instrument :

BNA_M

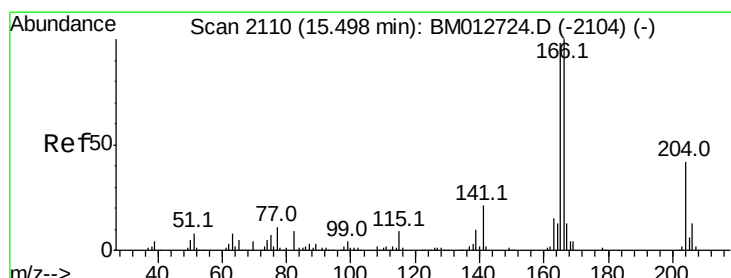
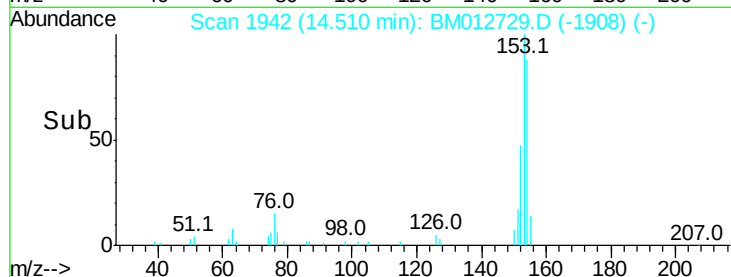
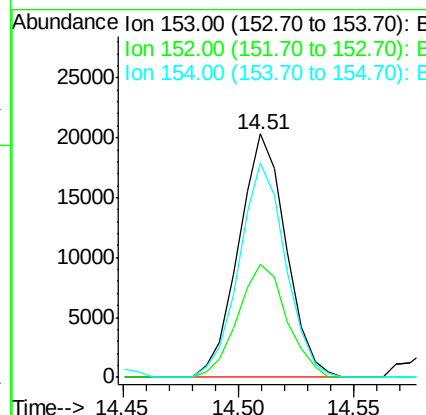
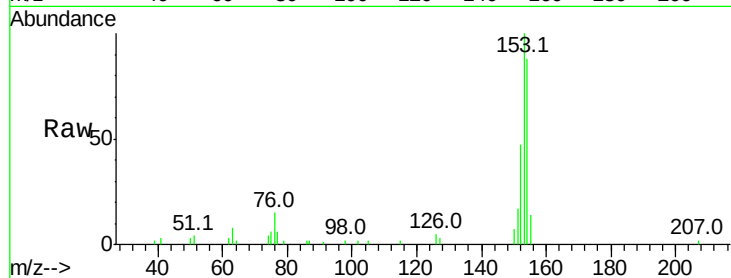
ClientSampleId :

B-62(0-1)-101117

Tot Ion:	153	Resp:	29027
Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.3	57.5
154	88.2	71.8	107.8

Manual Integrations
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#58

Fluorene

Concen: 1.442 ng/ul

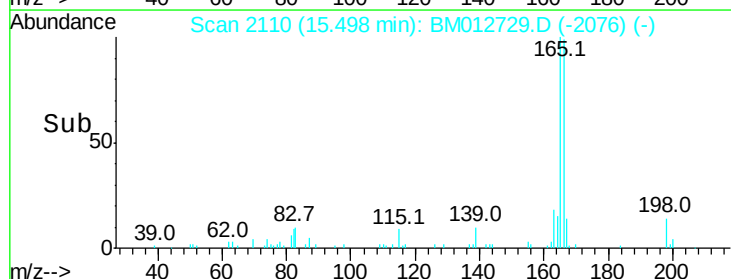
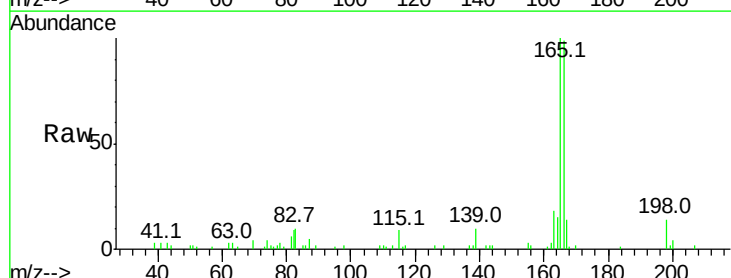
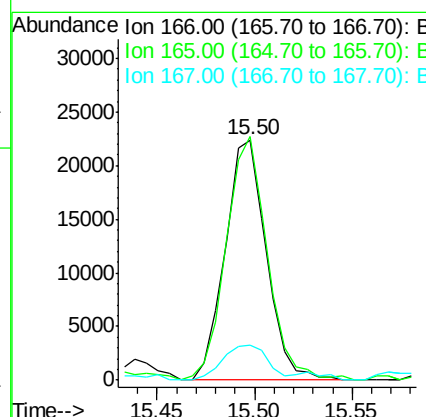
RT: 15.50 min Scan# 2110

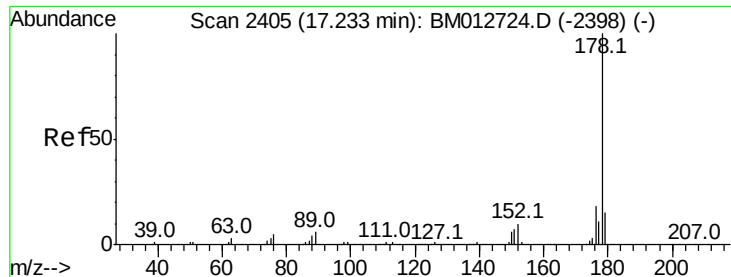
Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Tgt Ion:	166	Resp:	32805
Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.5	117.7
167	14.4	10.7	16.1





#69

Phenanthrene

Concen: 20.102 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Instrument :

BNA_M

ClientSampleId :

B-62(0-1)-101117

Tot Ion:178 Resp: 672608

Ion Ratio Lower Upper

178 100

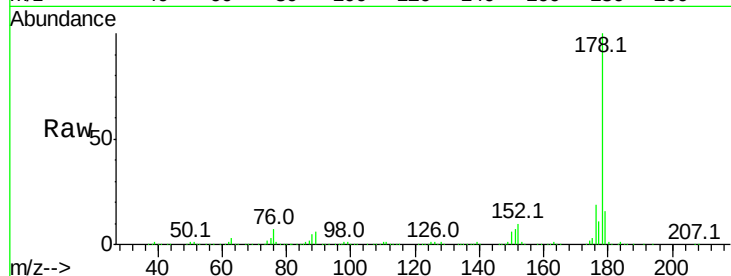
179 15.8 12.2 18.4

176 18.5 15.6 23.4

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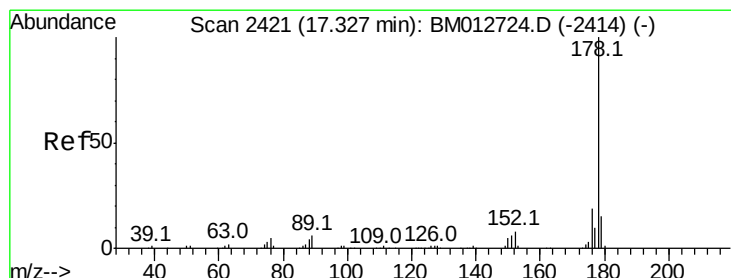
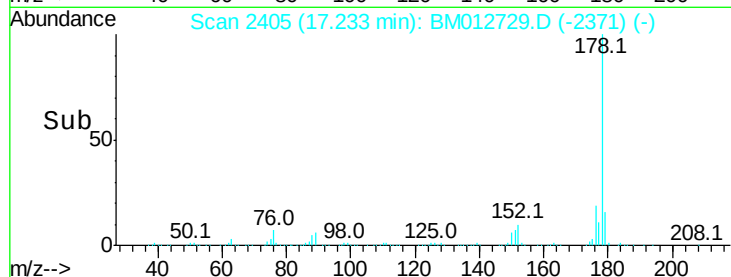
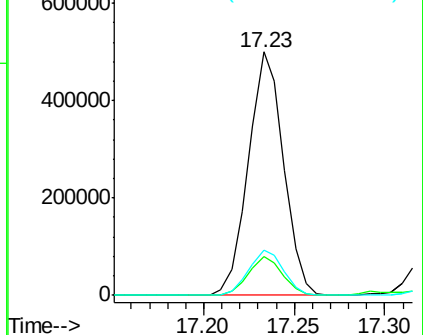
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 3.823 ng/ul

RT: 17.33 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Tgt Ion:178 Resp: 132642

Ion Ratio Lower Upper

178 100

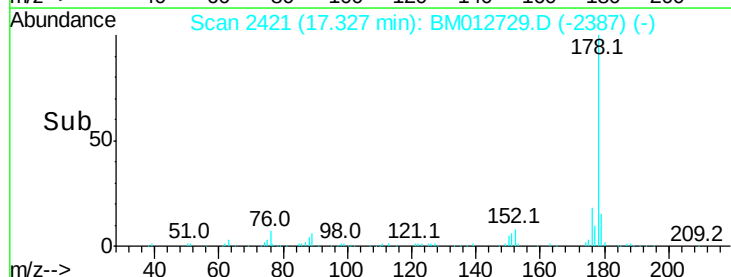
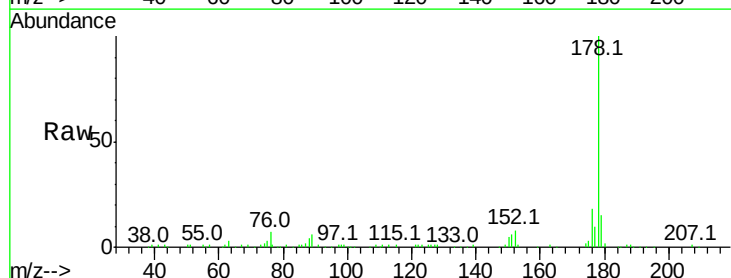
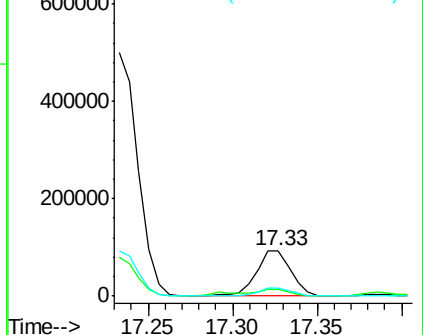
179 15.4 12.1 18.1

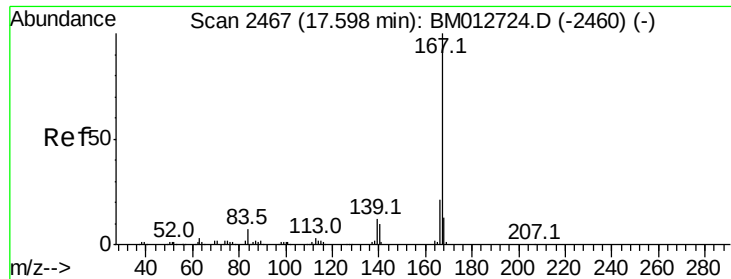
176 17.5 14.8 22.2

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





#74

Carbazole

Concen: 2.948 ng/ul

RT: 17.60 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Instrument :

BNA_M

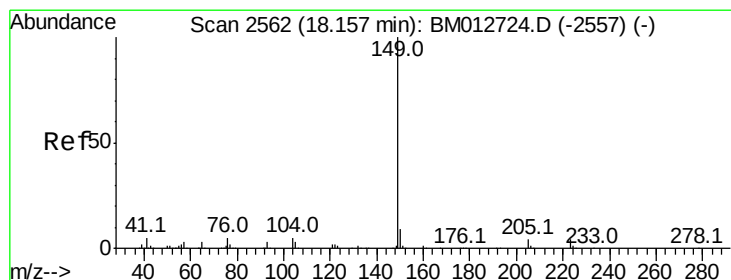
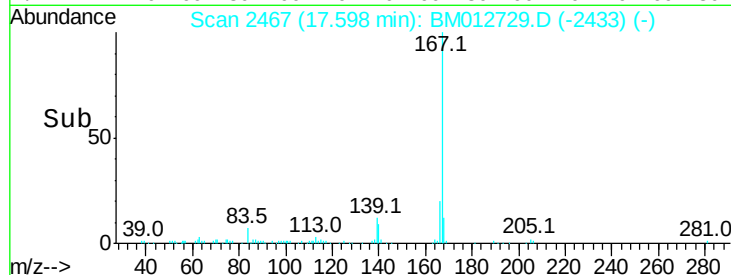
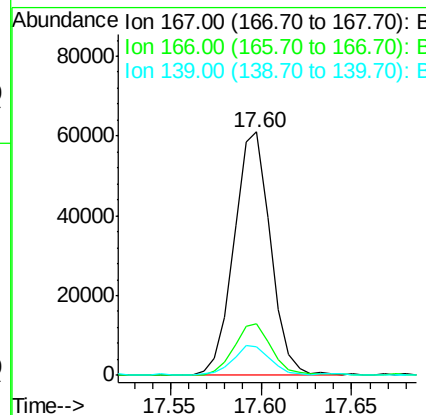
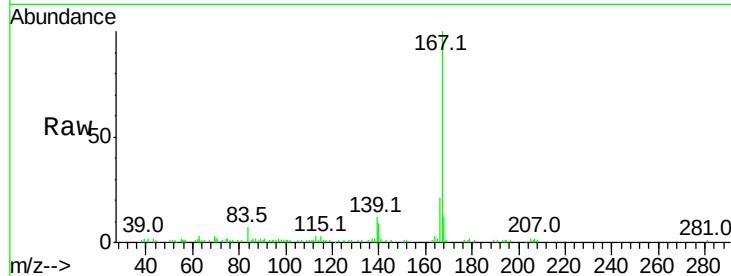
ClientSampleId :

B-62(0-1)-101117

Tot Ion:	167	Resp:	85301
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.0	25.6
139	11.5	11.0	16.4

Manual Integrations
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#75

Di-n-butylphthalate

Concen: 25.138 ng/ul

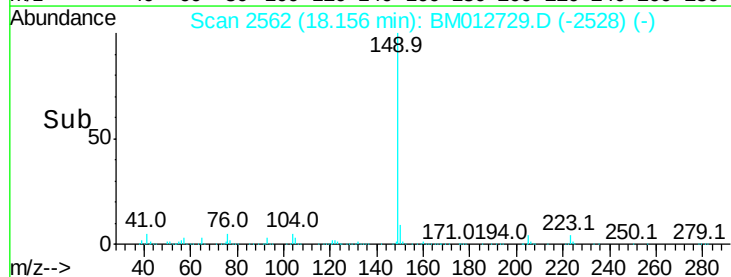
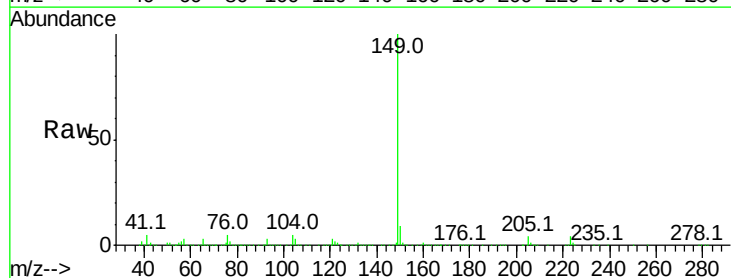
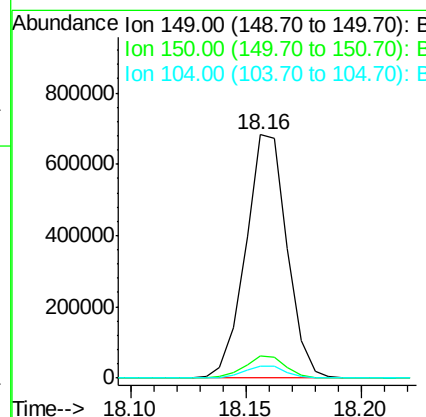
RT: 18.16 min Scan# 2562

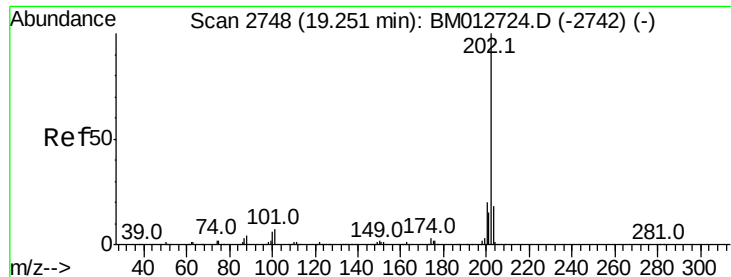
Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Tgt Ion:	149	Resp:	852297
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.0
104	4.9	4.0	6.0





#76

Fluoranthene

Concen: 31.033 ng/ul

RT: 19.25 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Instrument :

BNA_M

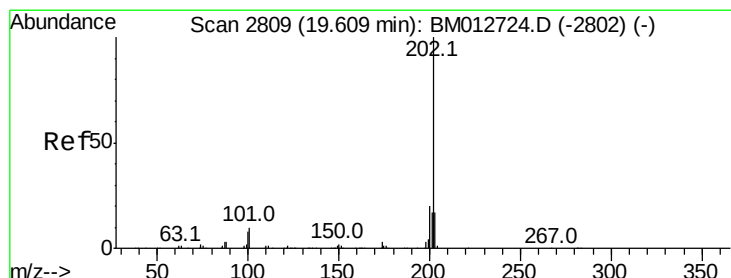
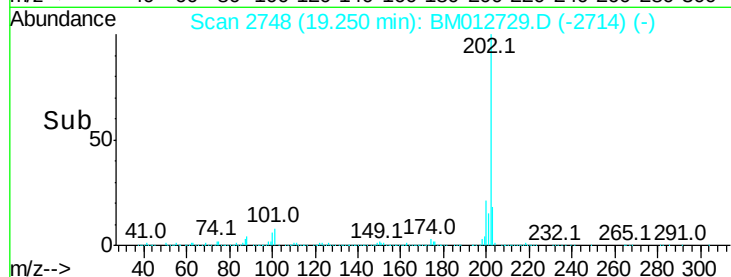
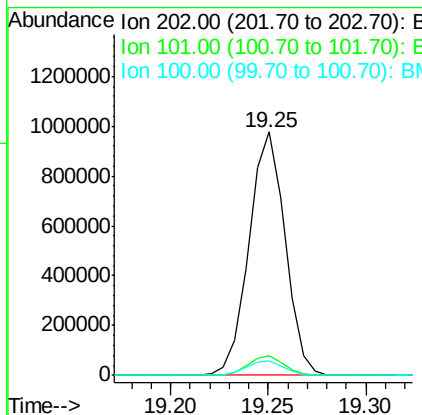
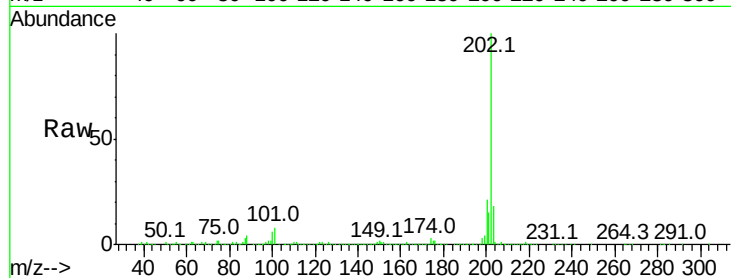
ClientSampleId :

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Tot Ion:	202	Resp:	1247797
Ion Ratio	Lower	Upper	
202	100		
101	8.0	8.8	13.2#
100	5.7	6.6	9.8#

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#79

Pyrene

Concen: 32.445 ng/ul

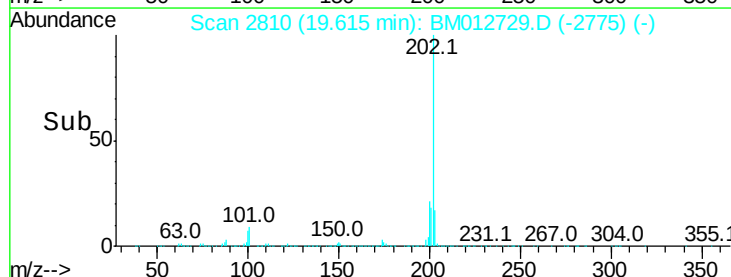
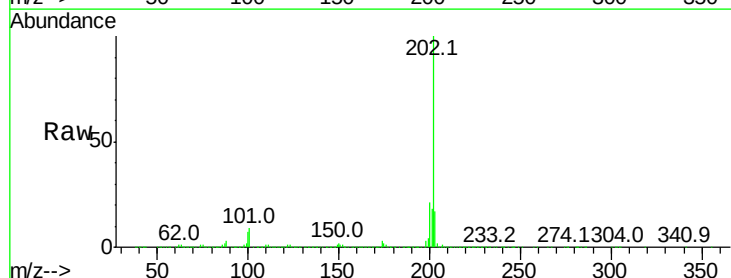
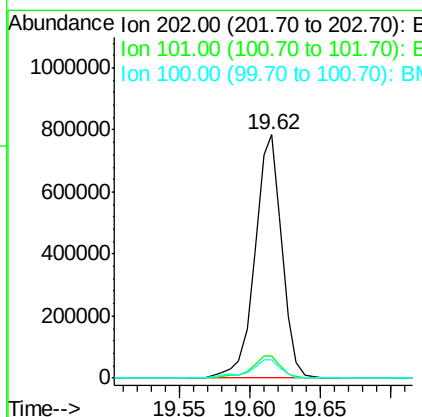
RT: 19.62 min Scan# 2810

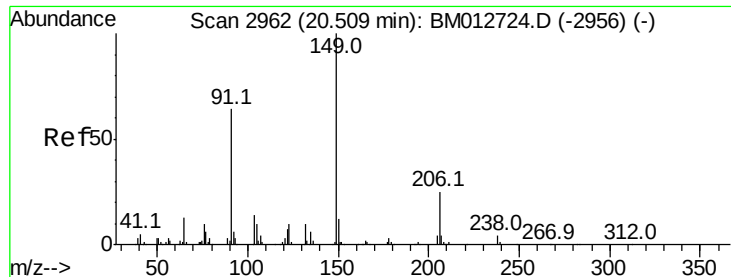
Delta R.T. 0.01 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Tgt Ion:	202	Resp:	1046049
Ion Ratio	Lower	Upper	
202	100		
101	8.9	10.2	15.2#
100	7.3	8.5	12.7#





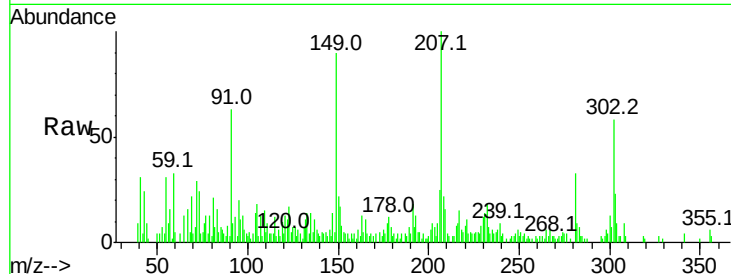
#80
Butylbenzylphthalate
Concen: 1.387 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

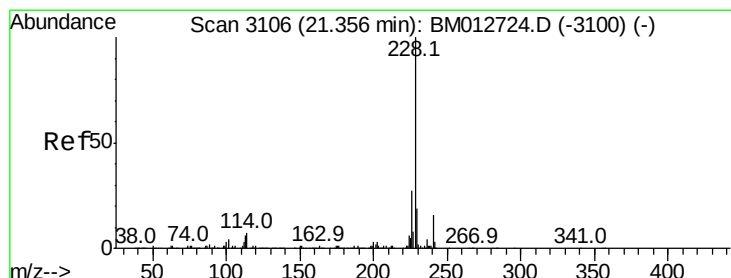
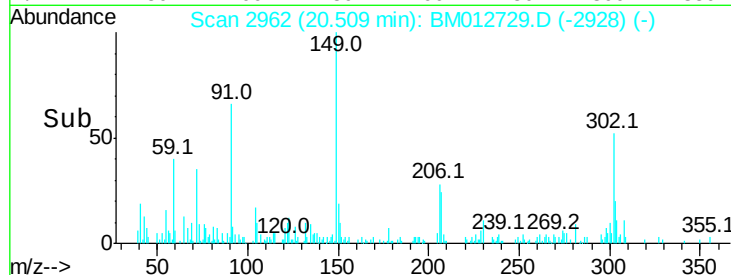
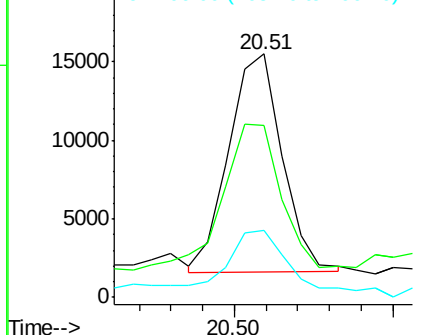
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	53.4	80.2
206	27.7	16.6	24.8

Manual Integrations
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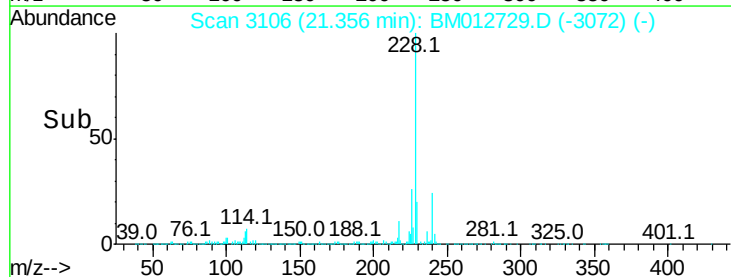
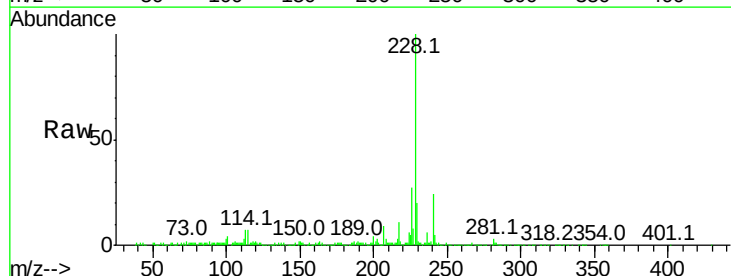
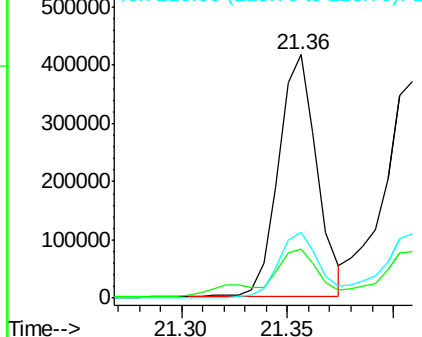
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM012724.D (-2956) (-)
Ion 206.00 (205.70 to 206.70): E

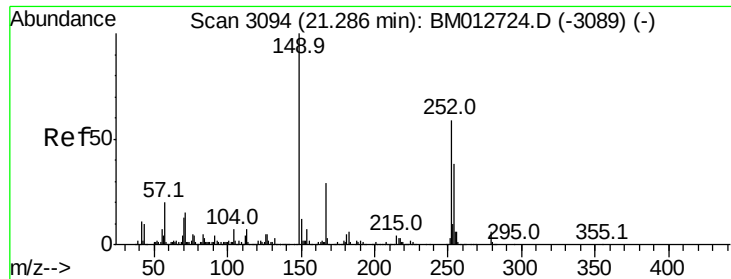


#82
Benzo(a)anthracene
Concen: 16.197 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	26.7	21.8	32.6

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.503 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Instrument :

BNA_M

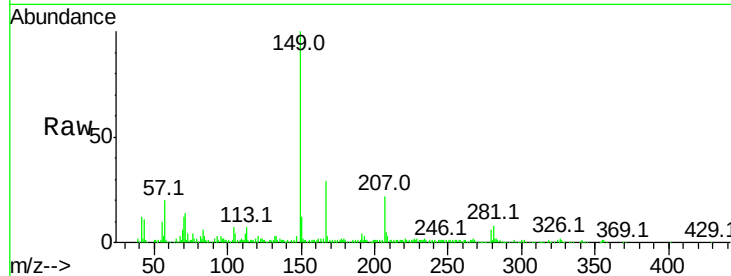
ClientSampleId :

B-62(0-1)-101117

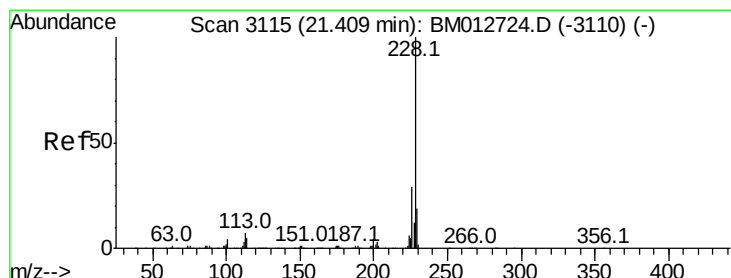
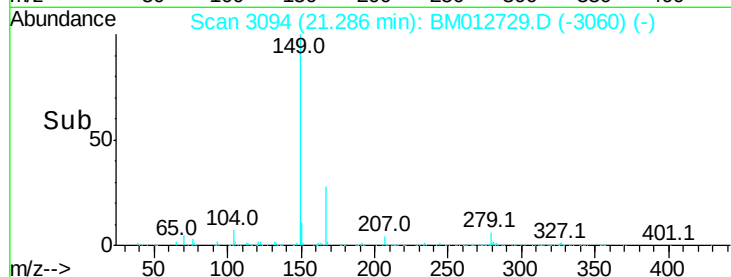
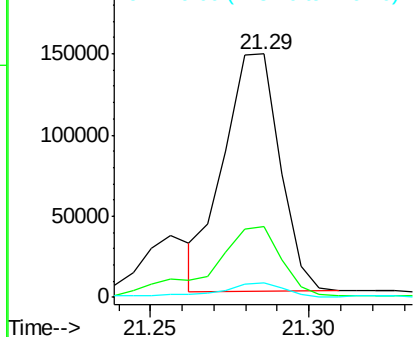
Tot Ion:	149	Resp:	179893
Ion Ratio	Lower	Upper	
149	100		
167	28.9	21.6	32.4
279	6.1	3.0	4.4#

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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: 18.138 ng/ul

RT: 21.41 min Scan# 3115

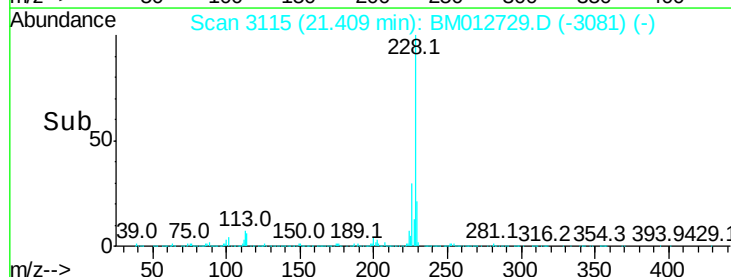
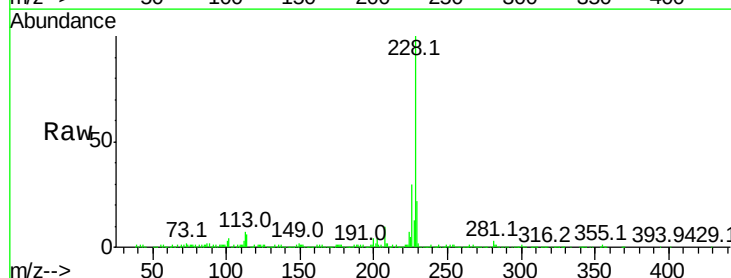
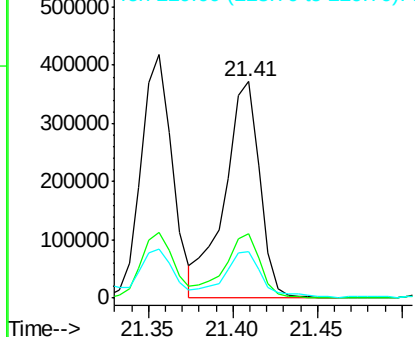
Delta R.T. -0.00 min

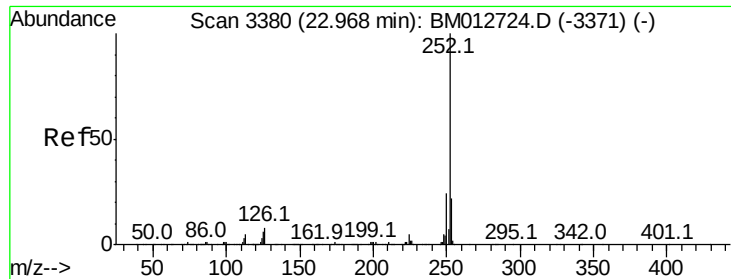
Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Tgt Ion:	228	Resp:	537516
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.0	36.0
229	21.6	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





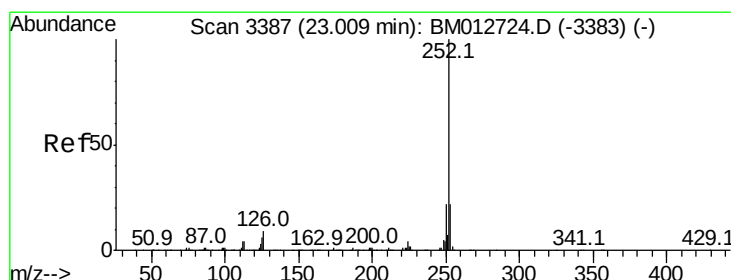
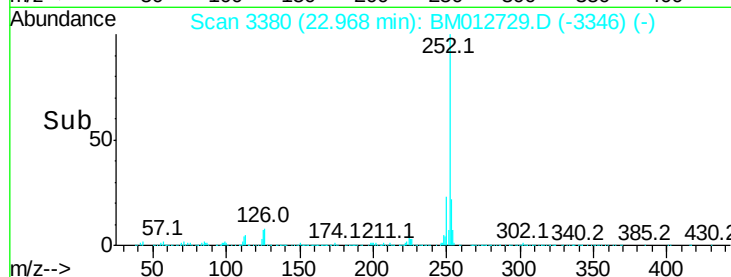
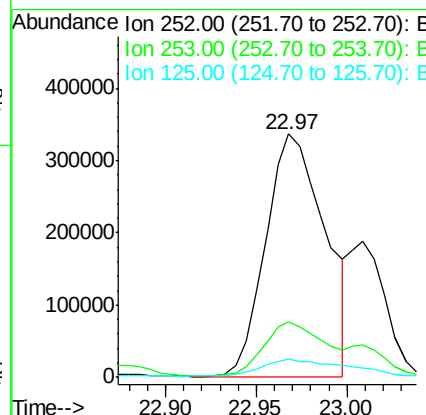
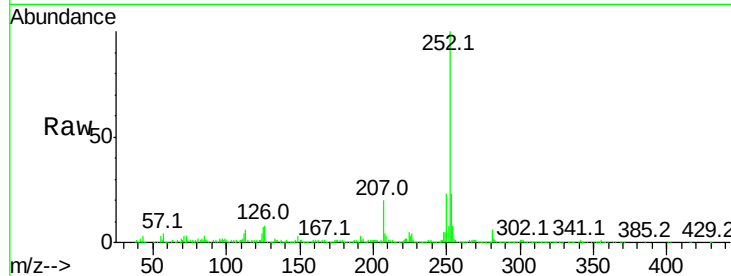
#87
Benzo(b)fluoranthene
Concen: 22.334 ng/ul
RT: 22.97 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	7.3	8.5	12.7

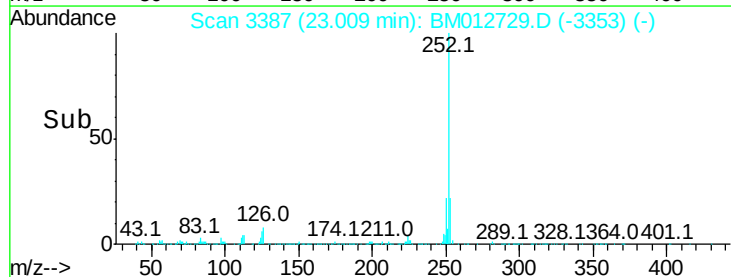
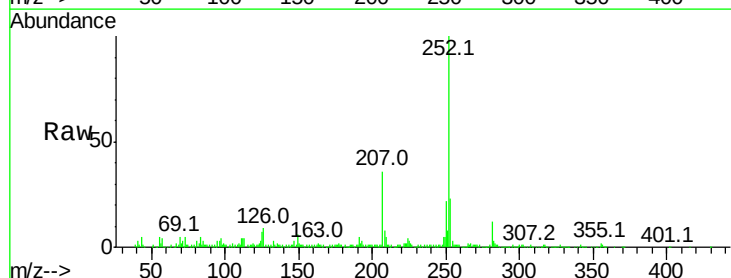
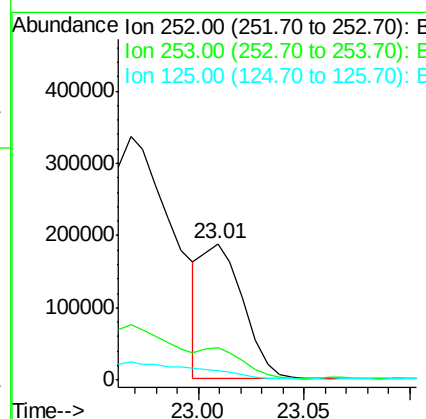
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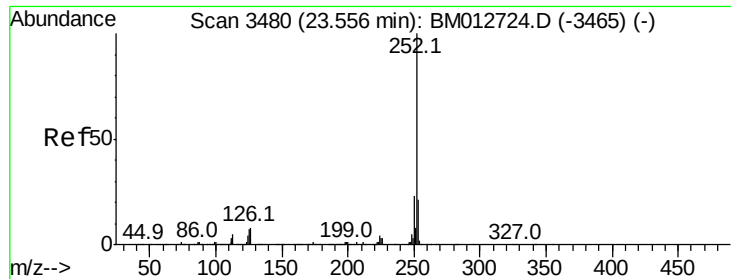
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#88
Benzo(k)fluoranthene
Concen: 7.765 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	7.3	8.2	12.2





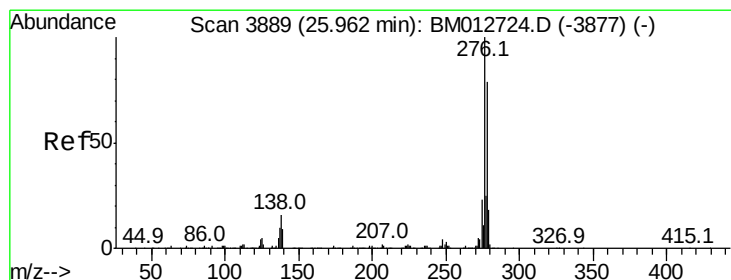
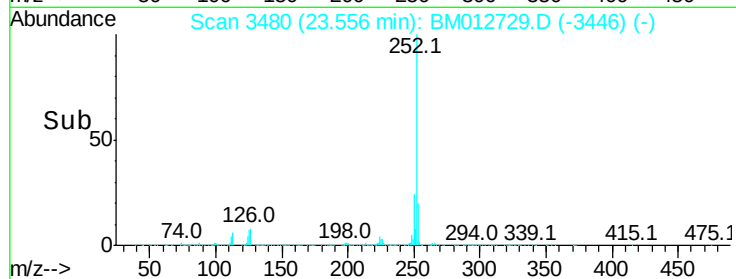
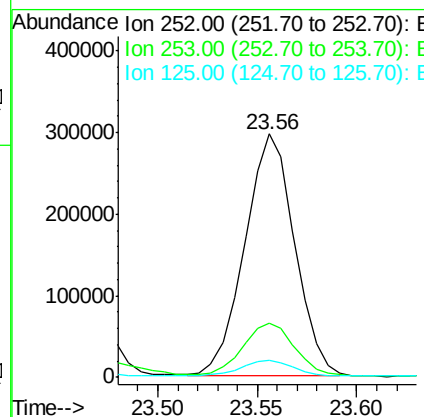
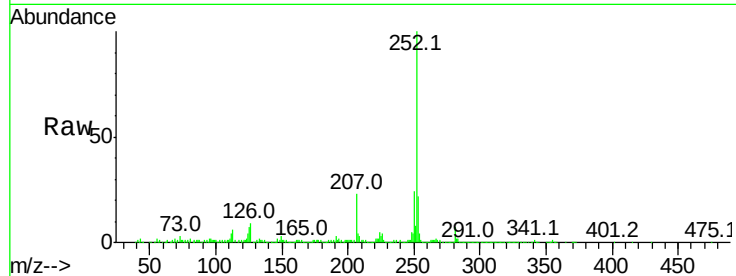
#90
Benzo(a)pyrene
Concen: 15.751 ng/ul m
RT: 23.56 min Scan# 3480
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	7.2	9.0	13.6#

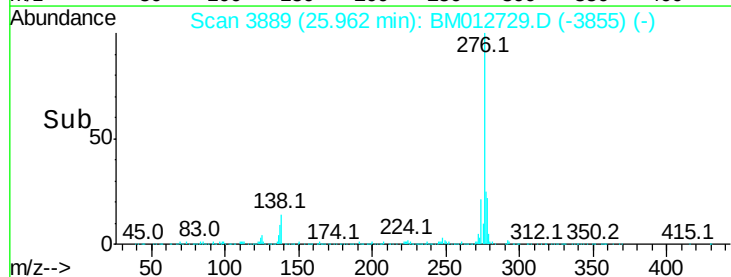
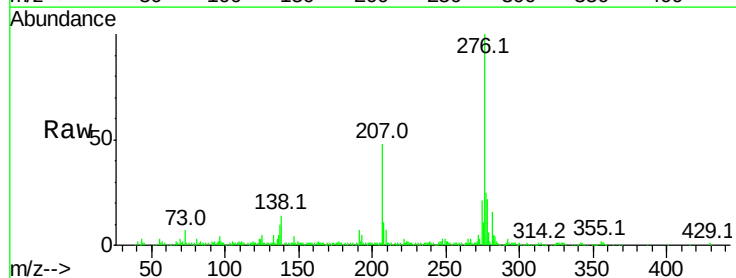
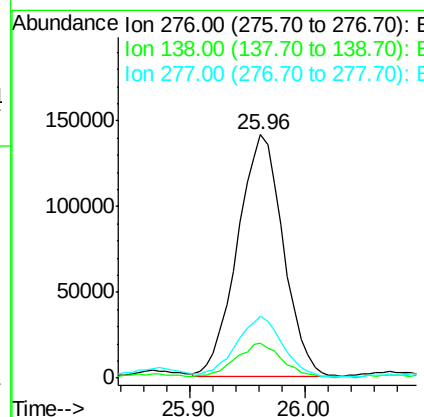
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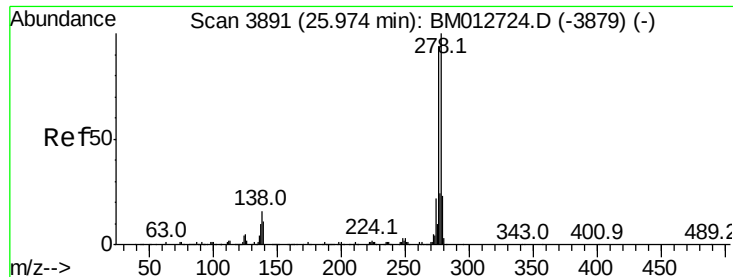
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#91
Indeno(1,2,3-cd)pyrene
Concen: 9.882 ng/ul
RT: 25.96 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	22.3	33.5#
277	25.4	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 3.026 ng/ul

RT: 25.96 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Instrument :

BNA_M

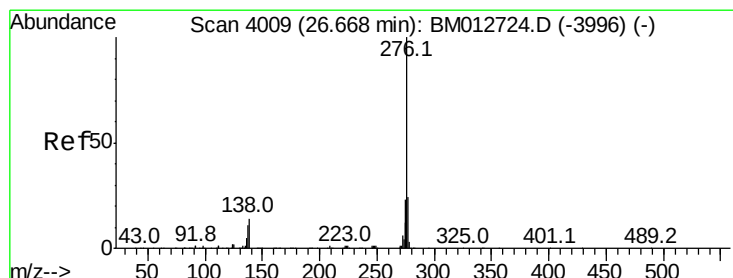
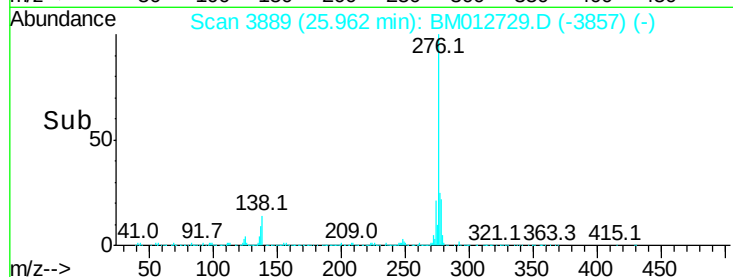
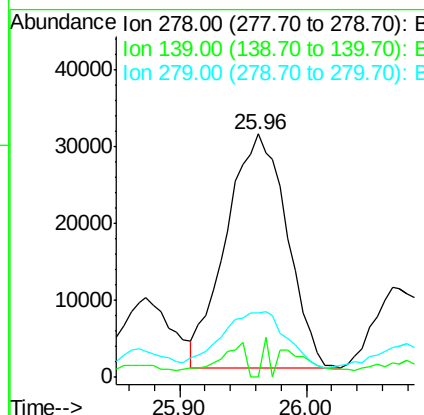
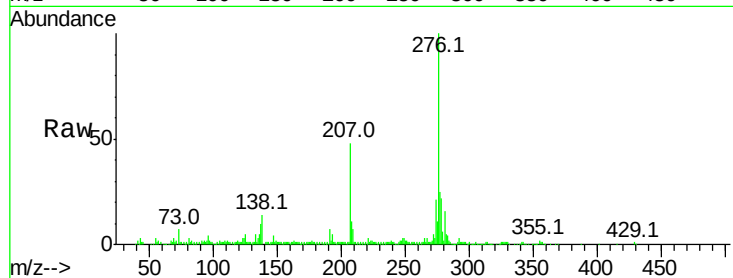
ClientSampleId :

B-62(0-1)-101117

Tot Ion:	278	Resp:	100645
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	26.6	19.0	28.4

Manual Integrations
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11/6/2017 4:24:05 PM



#93

Benzo(g,h,i)perylene

Concen: 11.092 ng/ul

RT: 26.67 min Scan# 4010

Delta R.T. 0.01 min

Lab File: BM012729.D

Acq: 05 Nov 2017 04:17

Tgt Ion:	276	Resp:	359140
Ion Ratio	Lower	Upper	
276	100		
138	13.5	18.9	28.3#
277	24.5	19.2	28.8

