

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012068.D
 Acq On : 11 Oct 2017 06:53
 Operator : SJ/JU
 Sample : I5668-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3G0

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:29:57 PM

Quant Time: Oct 11 09:22:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	290188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1251773	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	764525	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1857420	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2310610	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1959882	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	11700	1.91	ng/uL	0.00
5) Phenol-d5	7.00	99	369425	14.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	396643	26.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	358508	17.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	372775	17.27	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	263039	29.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	63206	6.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	284875	14.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	23201m	1.05	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	515528	7.78	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2467501	31.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	1165	0.10	ng/ul	0.05
57) Fluorene-d10	15.48	176	1774811	30.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	3890	0.31	ng/ul	0.01
70) Anthracene-d10	17.33	188	2879839	31.46	ng/ul	0.00
76) Pyrene-d10	19.63	212	3727861	35.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	3051018	32.36	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.69	128	100684	1.603	ng/ul	99
34) 2-Methylnaphthalene	12.31	142	58849	1.229	ng/ul	90
44) Dimethylphthalate	13.94	163	195745	3.071	ng/ul#	99
49) Acenaphthene	14.55	153	84600	1.619	ng/ul	98
53) Dibenzofuran	14.89	168	83577	1.102	ng/ul	96
58) Fluorene	15.54	166	96262	1.520	ng/ul	98
69) Phenanthrene	17.28	178	1963094	19.214	ng/ul	99
71) Anthracene	17.37	178	388344	3.736	ng/ul	98
72) Carbazole	17.64	167	148880	1.653	ng/ul	97
74) Fluoranthene	19.29	202	3404092	27.307	ng/ul#	90
77) Pyrene	19.66	202	3086446	24.091	ng/ul#	89
80) Benzo(a)anthracene	21.39	228	1753751	13.249	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	270900m	3.628	ng/ul	
82) Chrysene	21.44	228	1657383	13.178	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	1964085	16.487	ng/ul#	95
86) Benzo(k)fluoranthene	23.07	252	624678m	5.252	ng/ul	
88) Benzo(a)pyrene	23.63	252	1225708	10.708	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	725710	5.924	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	199113	1.978	ng/ul#	84
91) Benzo(g,h,i)perylene	26.81	276	591018	5.833	ng/ul#	92

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

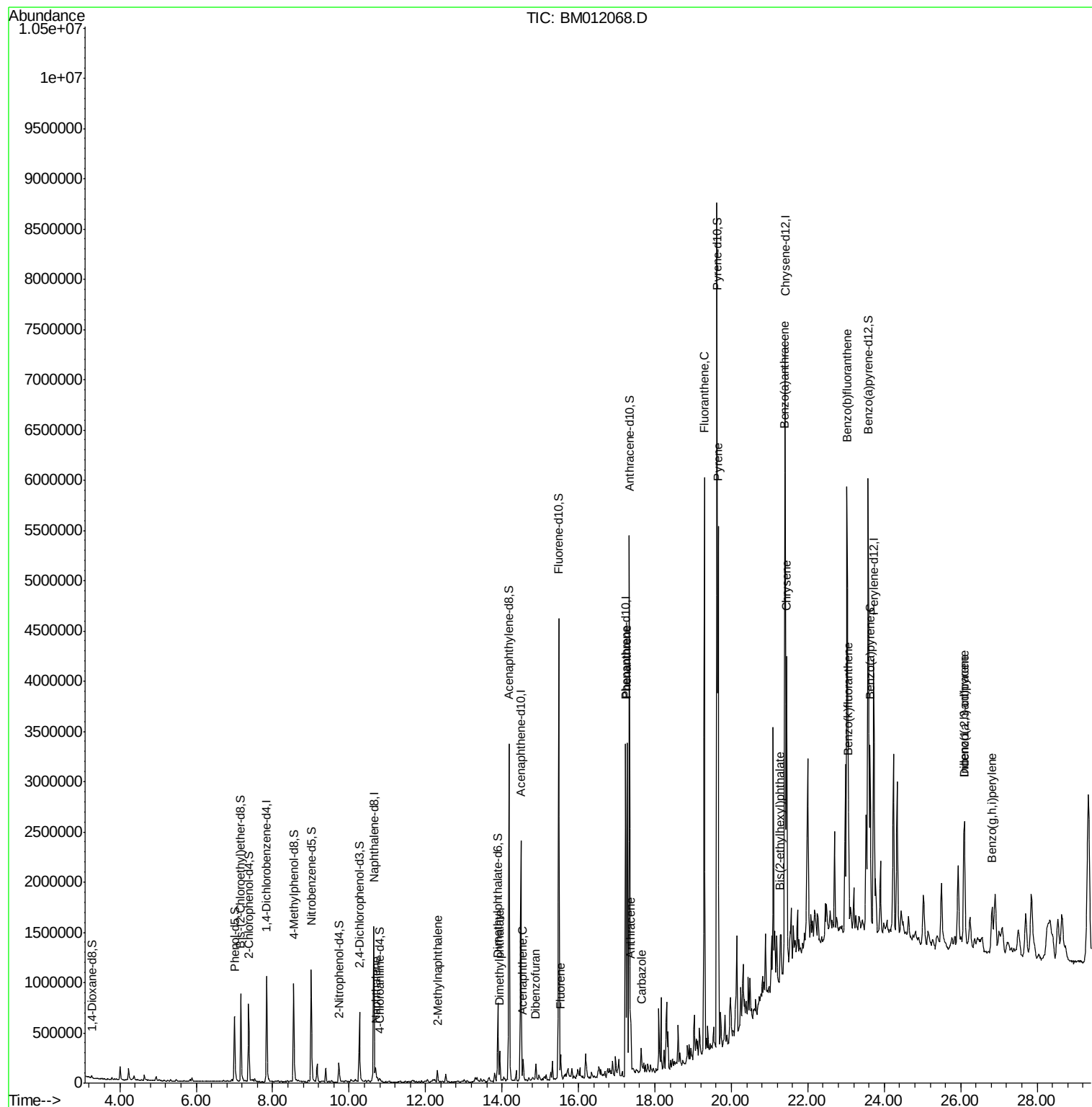
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012068.D
Acq On : 11 Oct 2017 06:53
Operator : SJ/JU
Sample : I5668-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

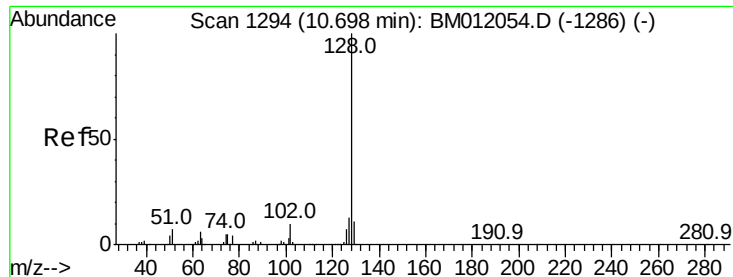
Instrument :
BNA_M
ClientSampleId :
CB3G0

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Quant Time: Oct 11 09:22:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.603 ng/ul

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BM012068.D

Acq: 11 Oct 2017 06:53

Instrument :

BNA_M

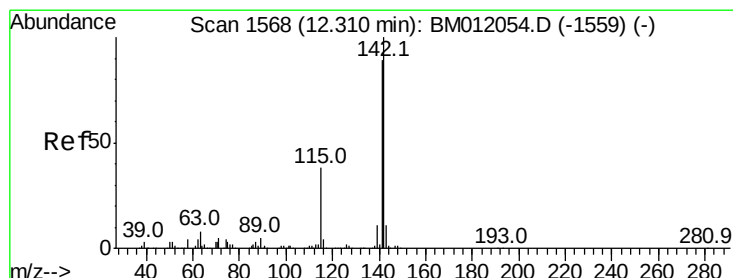
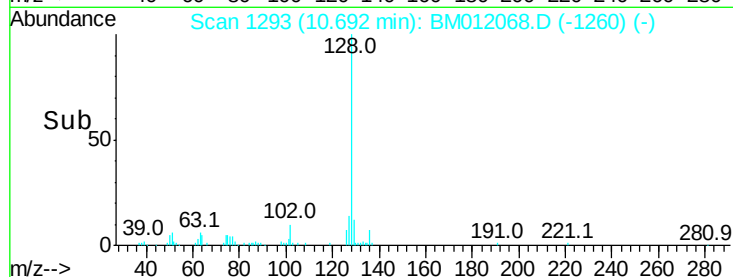
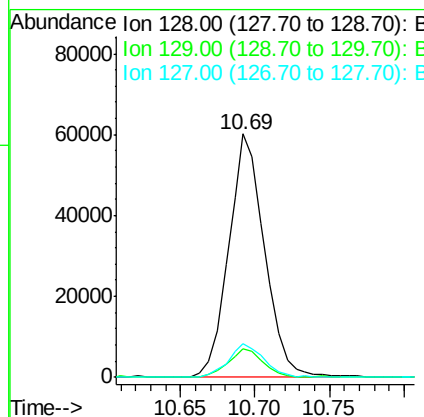
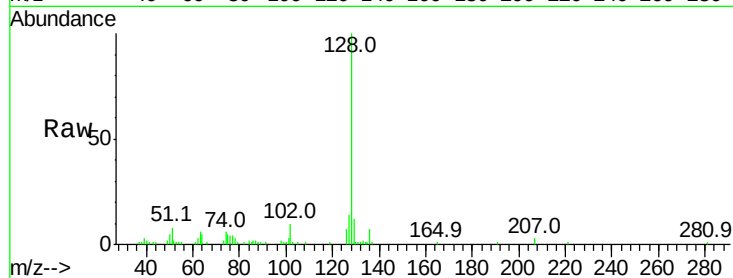
ClientSampled :

CB3G0

Tot Ion:	128	Resp:	100684
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.8	13.2
127	13.7	10.6	16.0

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#34

2-Methylnaphthalene

Concen: 1.229 ng/ul

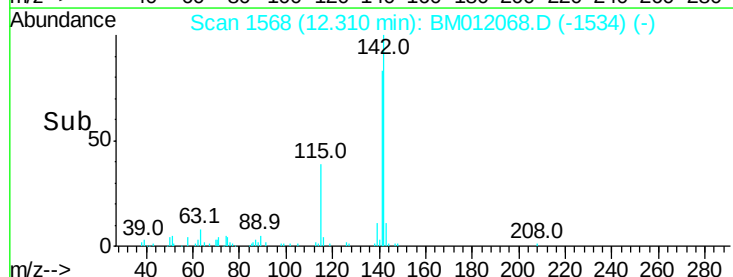
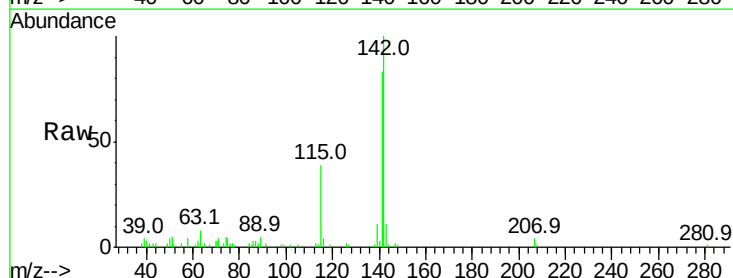
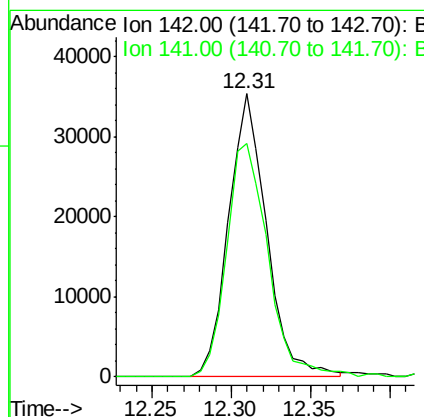
RT: 12.31 min Scan# 1568

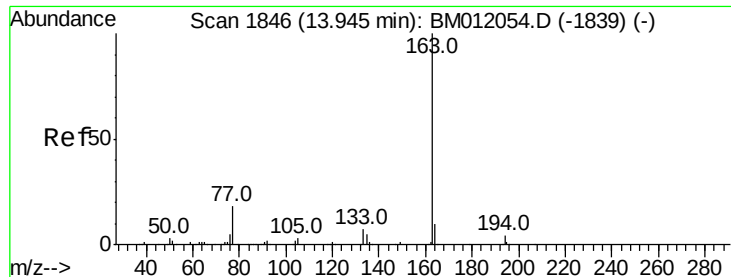
Delta R.T. -0.00 min

Lab File: BM012068.D

Acq: 11 Oct 2017 06:53

Tgt Ion:	142	Resp:	58849
Ion Ratio	Lower	Upper	
142	100		
141	82.6	74.1	111.1





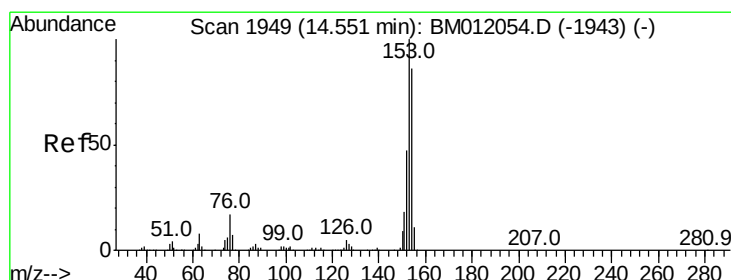
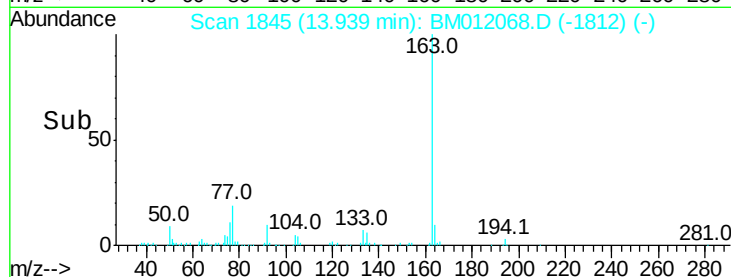
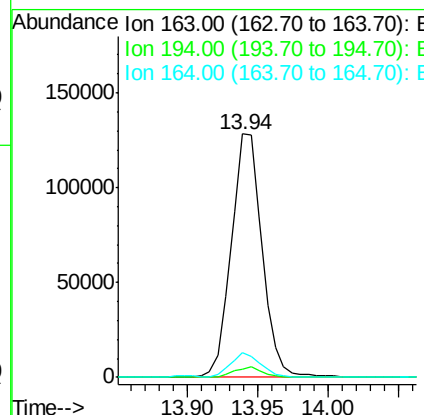
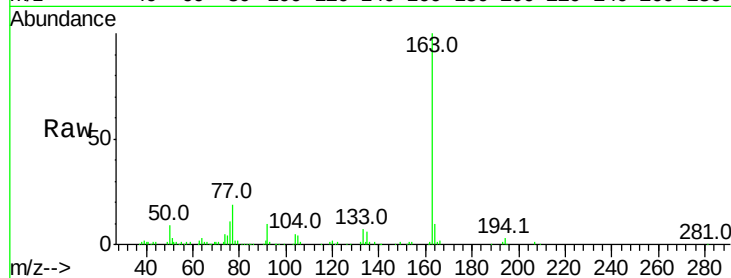
#44
Dimethylphthalate
Concen: 3.071 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Instrument :
BNA_M
ClientSampleId :
CB3G0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	195745		
194	3.2		3.5	5.3#
164	10.3		8.2	12.4

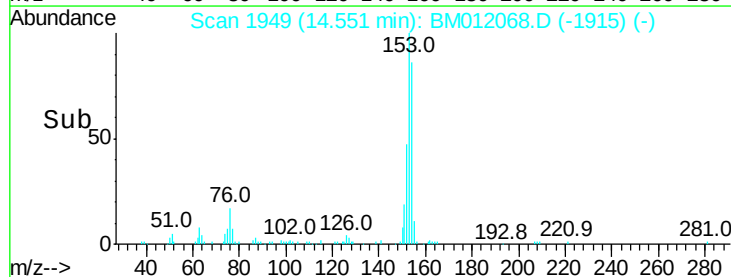
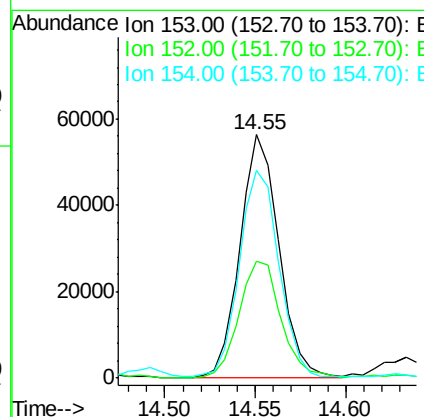
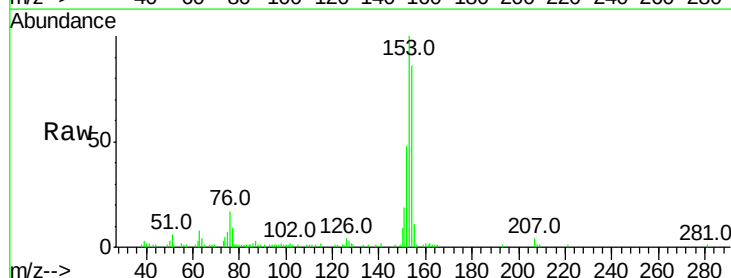
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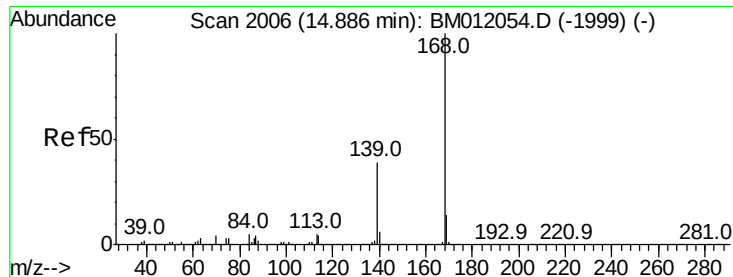
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#49
Acenaphthene
Concen: 1.619 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	84600		
152	48.0		37.6	56.4
154	85.5		70.4	105.6





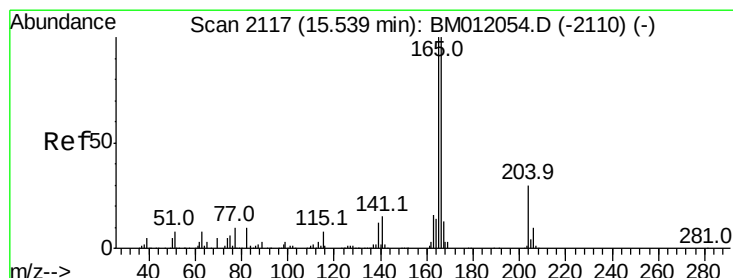
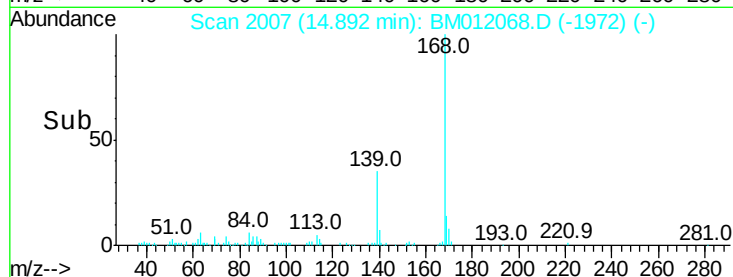
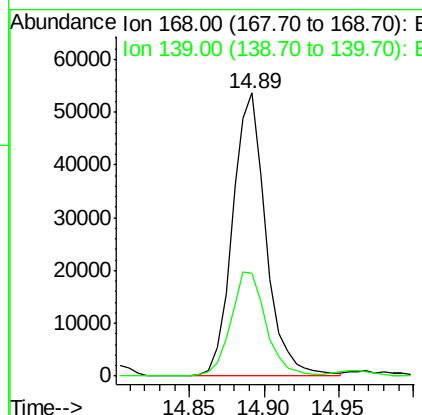
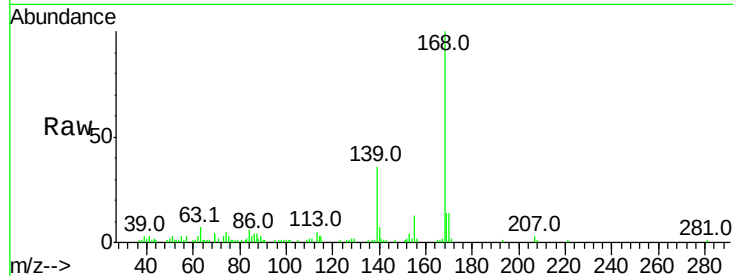
#53
Dibenzenofuran
Concen: 1.102 ng/ul
RT: 14.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Instrument :
BNA_M
ClientSampleId :
CB3G0

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.8	46.2

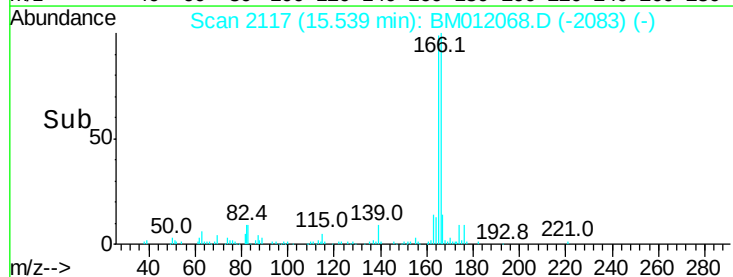
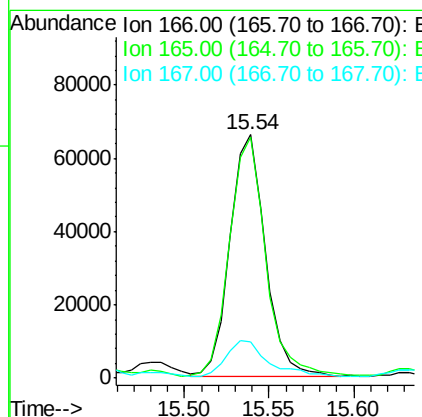
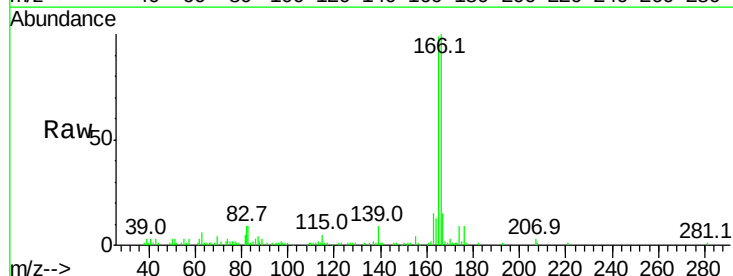
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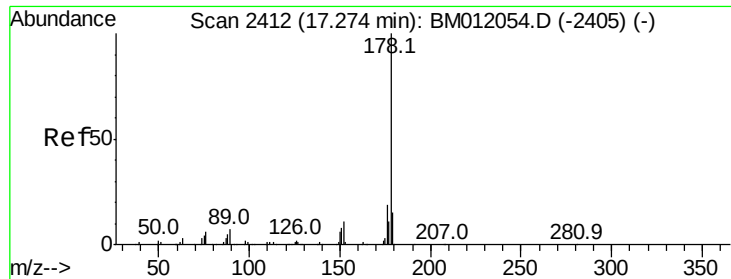
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#58
Fluorene
Concen: 1.520 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.9	116.9
167	15.0	10.6	16.0





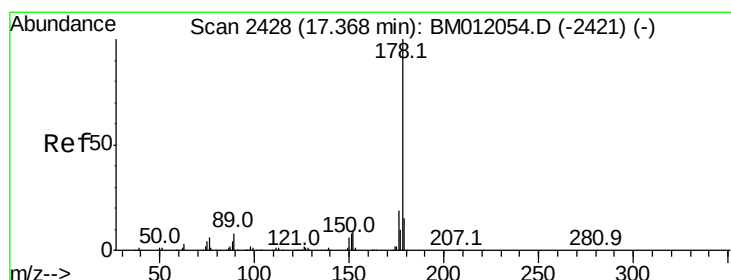
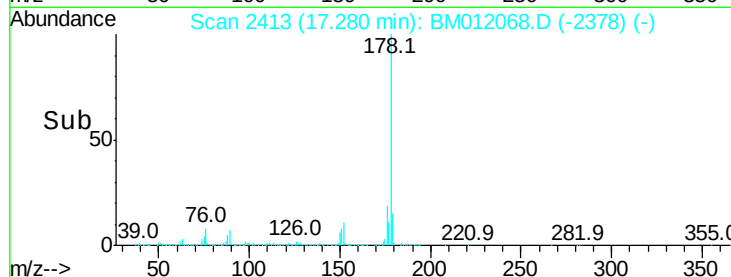
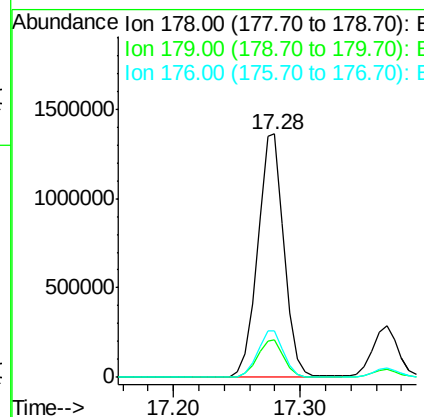
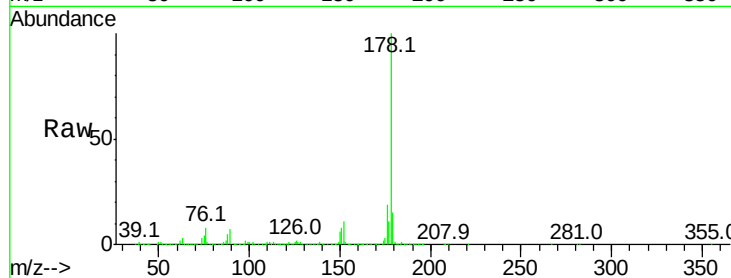
#69
Phenanthrene
Concen: 19.214 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Instrument :
BNA_M
ClientSampleId :
CB3G0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.1	14.9	22.3

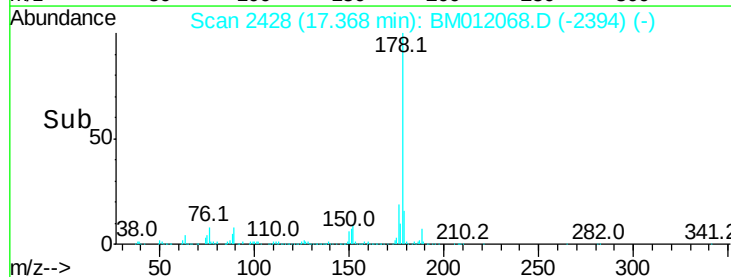
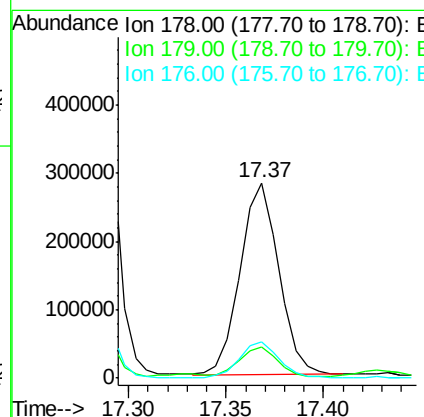
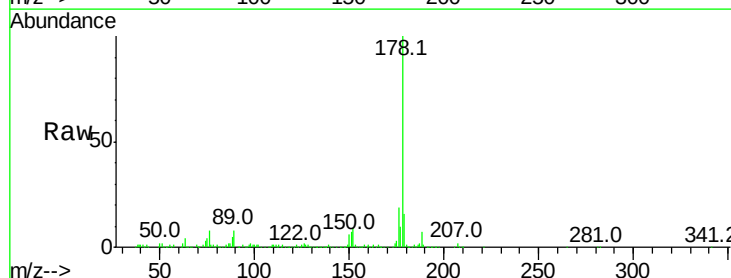
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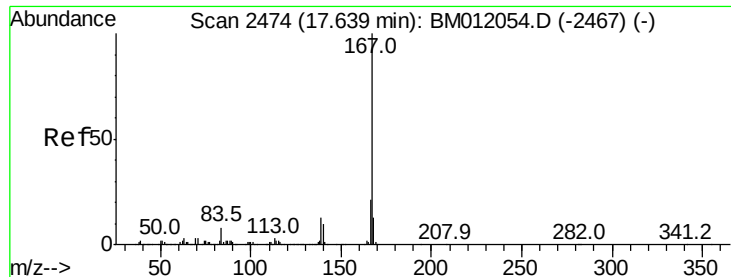
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#71
Anthracene
Concen: 3.736 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	18.5	14.6	21.8





#72

Carbazole

Concen: 1.653 ng/ul

RT: 17.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BM012068.D

Acq: 11 Oct 2017 06:53

Instrument :

BNA_M

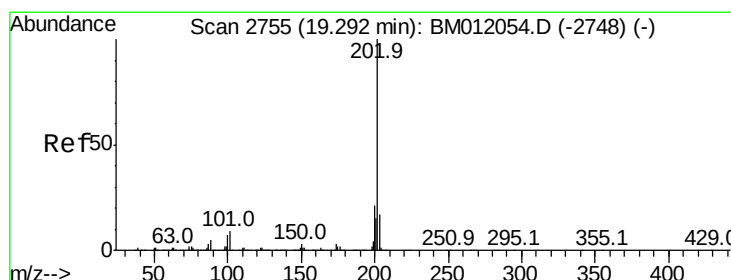
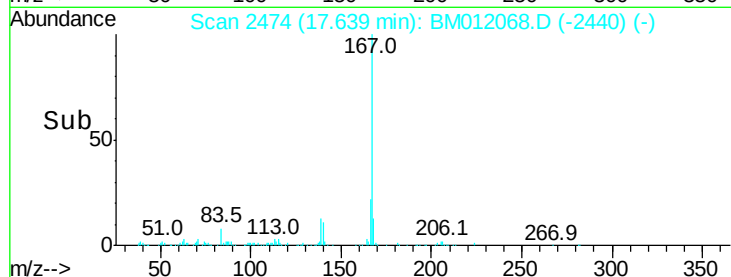
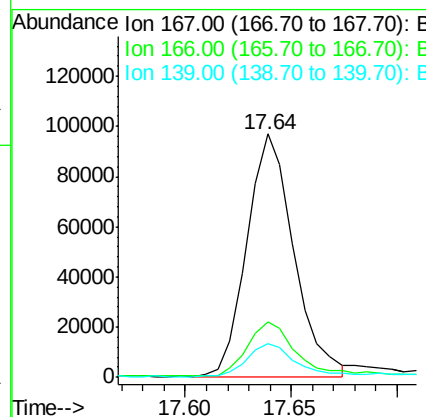
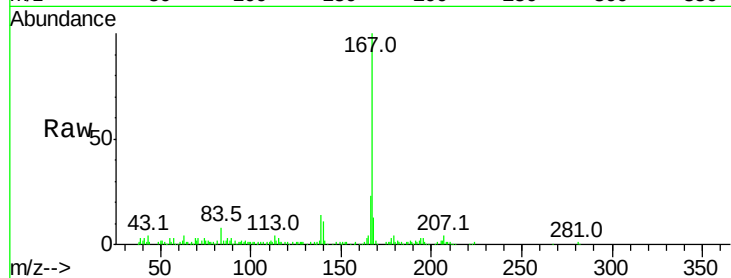
ClientSampleId :

CB3G0

Tot Ion:	167	Resp:	148880
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.1	25.7
139	13.7	10.0	15.0

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#74

Fluoranthene

Concen: 27.307 ng/ul

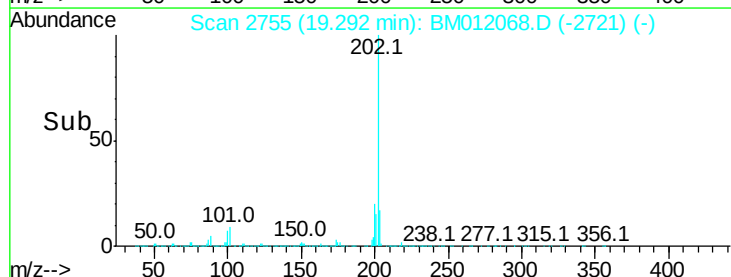
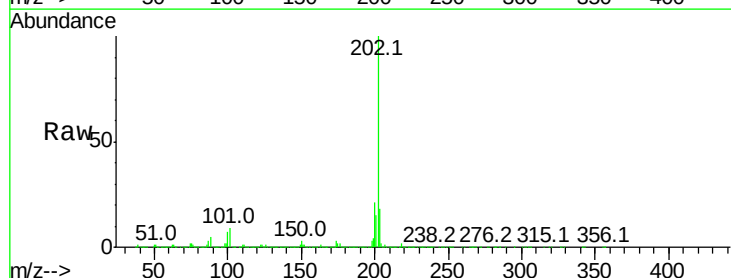
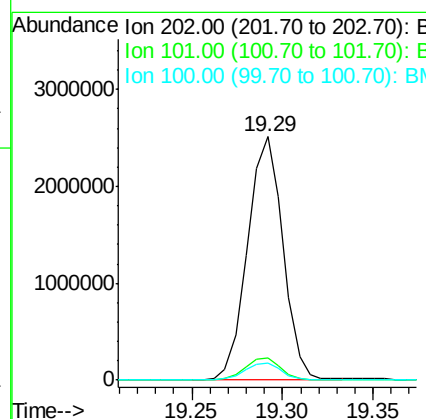
RT: 19.29 min Scan# 2755

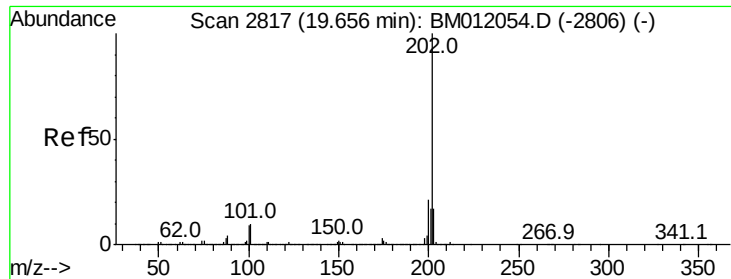
Delta R.T. -0.00 min

Lab File: BM012068.D

Acq: 11 Oct 2017 06:53

Tgt Ion:	202	Resp:	3404092
Ion Ratio	Lower	Upper	
202	100		
101	9.3	4.6	7.0#
100	7.2	3.4	5.2#





#77

Pvrene

Concen: 24.091 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM012068.D

Acq: 11 Oct 2017 06:53

Instrument :

BNA_M

ClientSampleId :

CB3G0

Tot Ion:202 Resp: 3086446

Ion Ratio Lower Upper

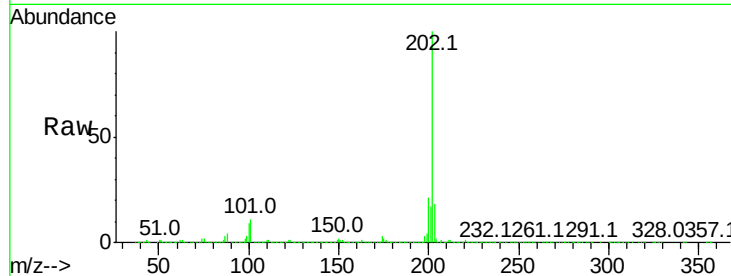
202 100

101 10.8 5.1 7.7#

100 8.9 4.9 7.3#

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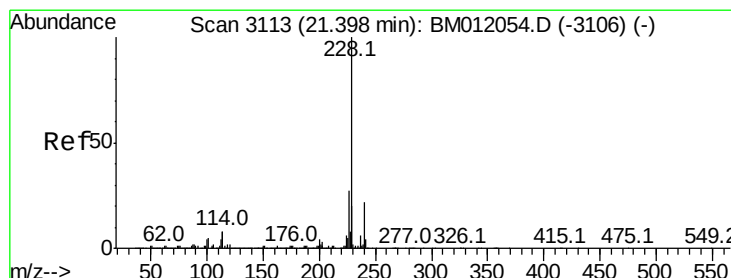
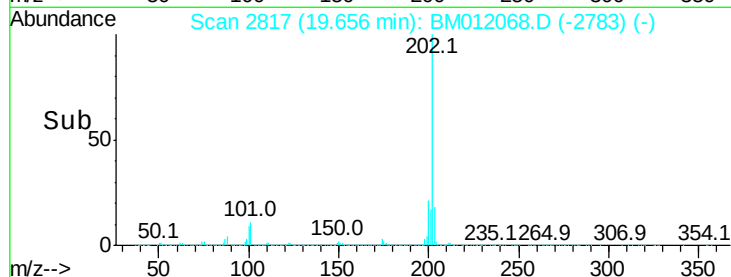
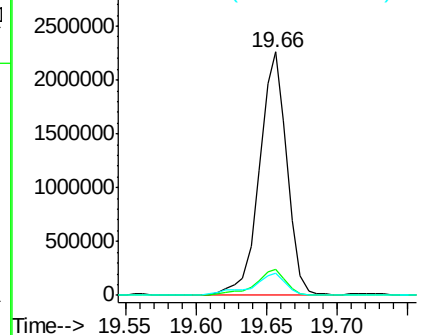
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 13.249 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012068.D

Acq: 11 Oct 2017 06:53

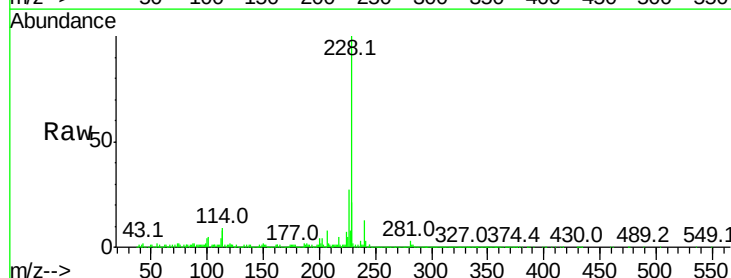
Tgt Ion:228 Resp: 1753751

Ion Ratio Lower Upper

228 100

229 20.7 15.4 23.0

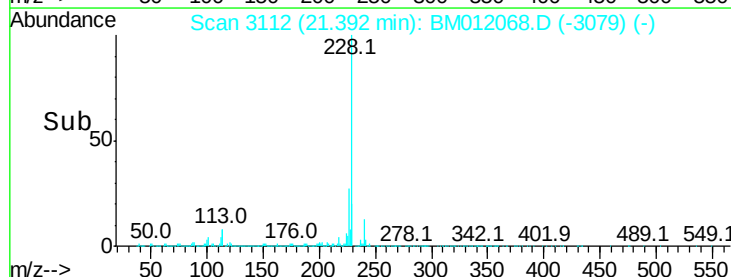
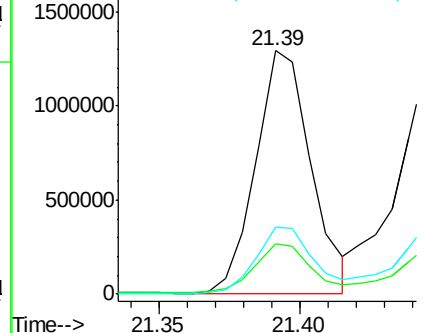
226 27.4 21.4 32.0

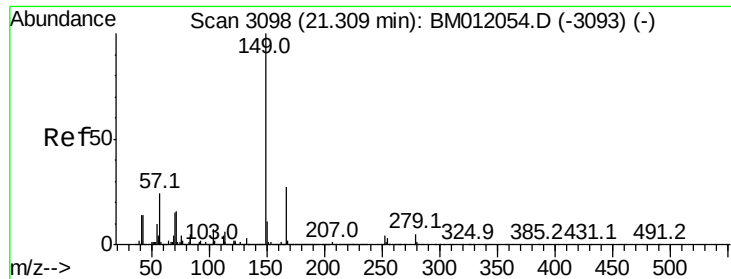


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





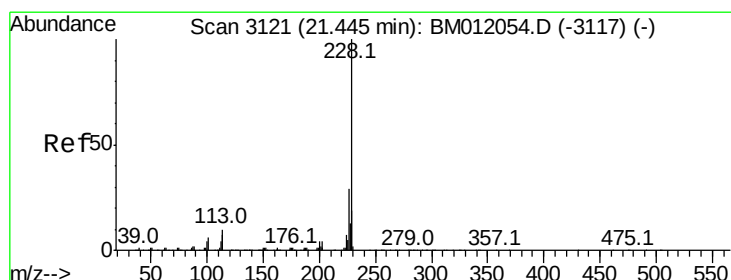
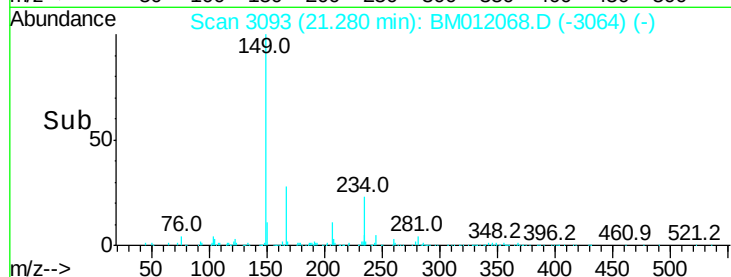
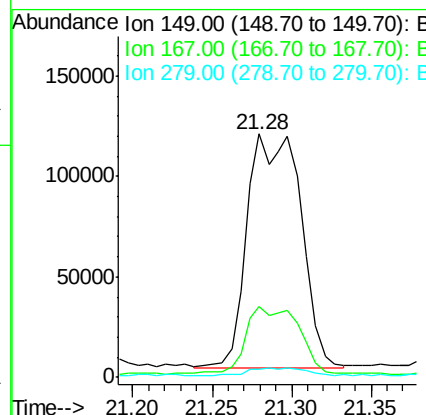
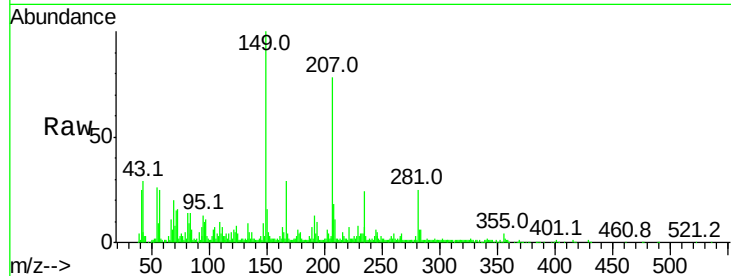
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.628 ng/ul m
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BM012068.D
 Acq: 11 Oct 2017 06:53

Instrument :
 BNA_M
 ClientSampleId :
 CB3G0

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.8	34.2
279	3.2	4.9	7.3#

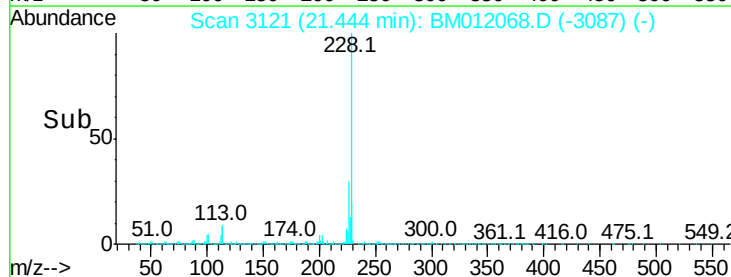
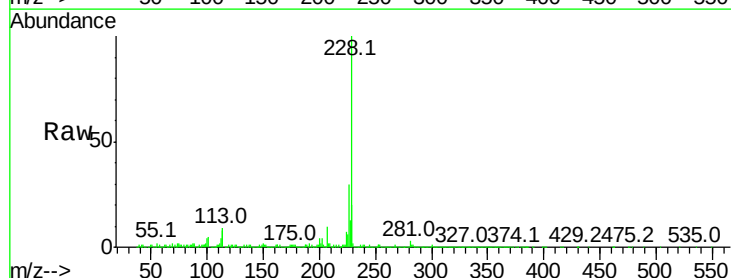
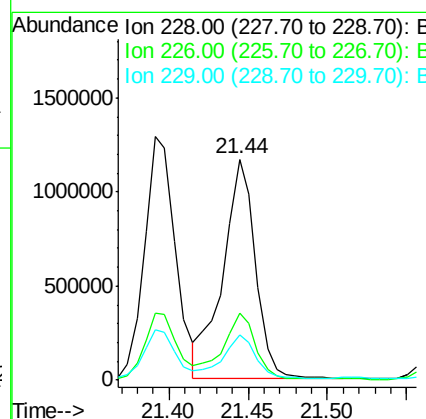
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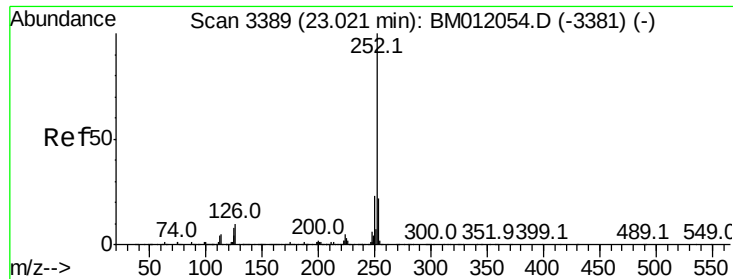
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#82
 Chrysene
 Concen: 13.178 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BM012068.D
 Acq: 11 Oct 2017 06:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	20.5	15.5	23.3





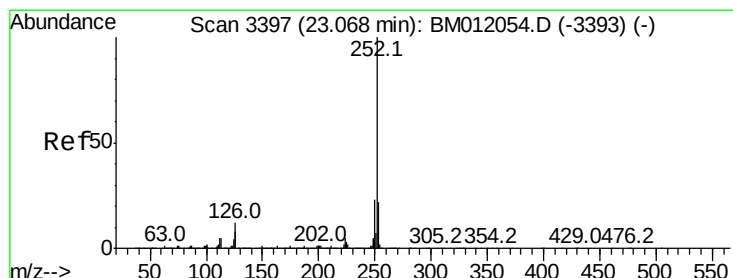
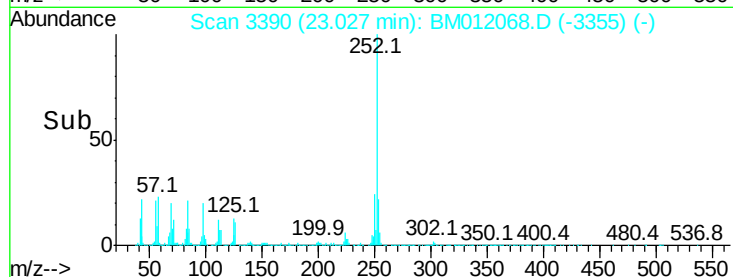
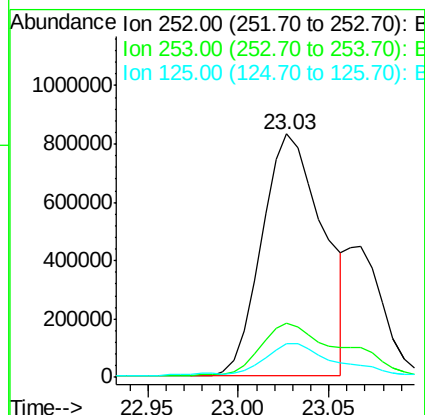
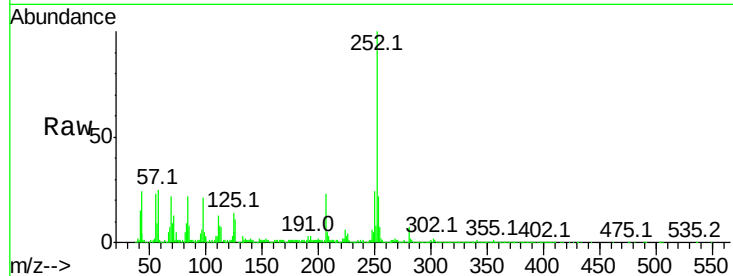
#85
Benzo(b)fluoranthene
Concen: 16.487 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Instrument :
BNA_M
ClientSampleId :
CB3G0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	13.7	3.6	5.4

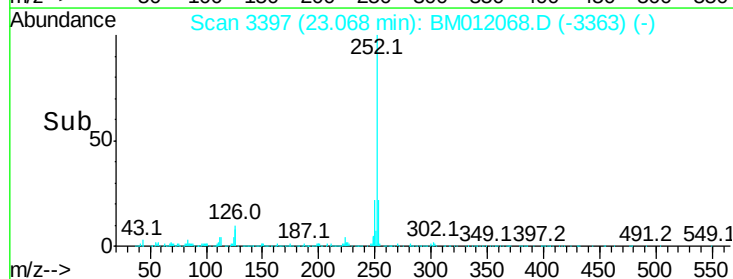
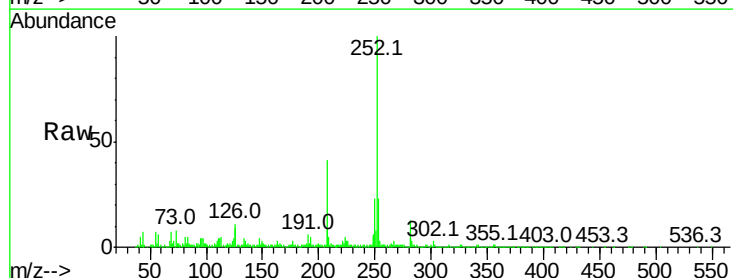
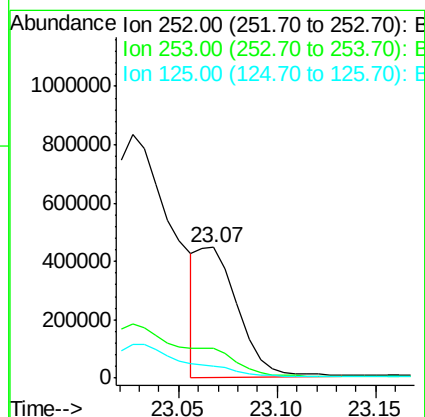
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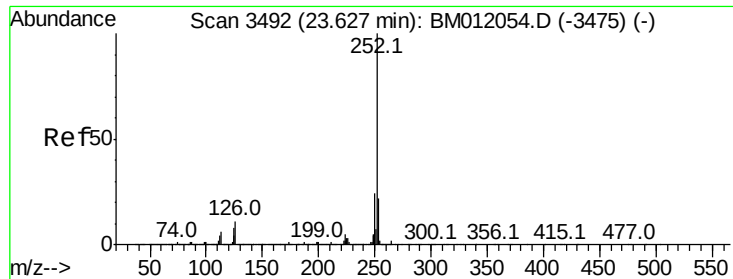
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#86
Benzo(k)fluoranthene
Concen: 5.252 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.00 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.3	3.4	5.2





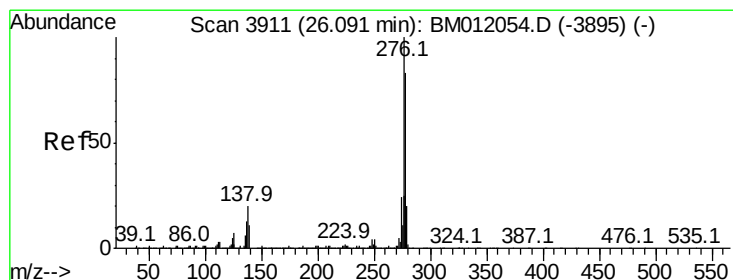
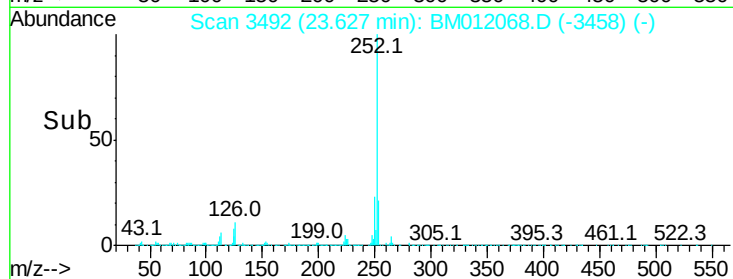
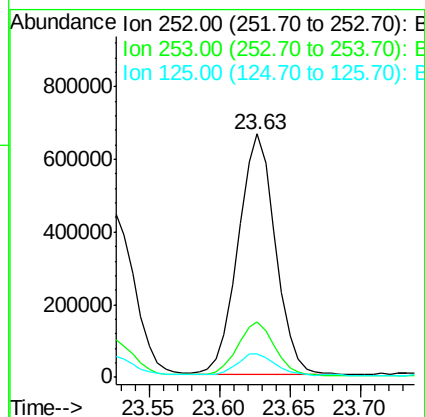
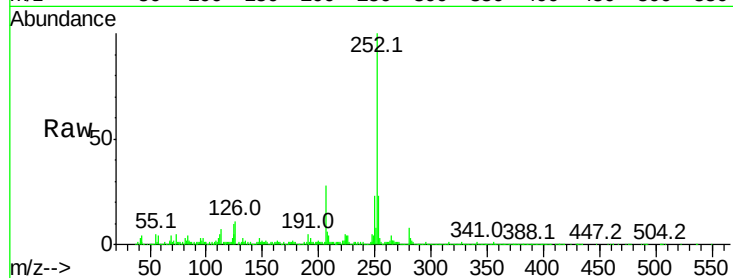
#88
Benzo(a)pyrene
Concen: 10.708 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Instrument :
BNA_M
ClientSampled :
CB3G0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.5	4.0	6.0

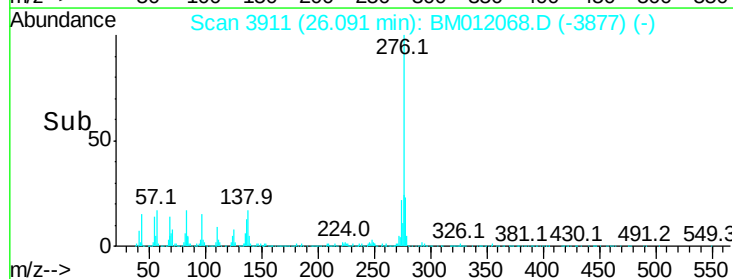
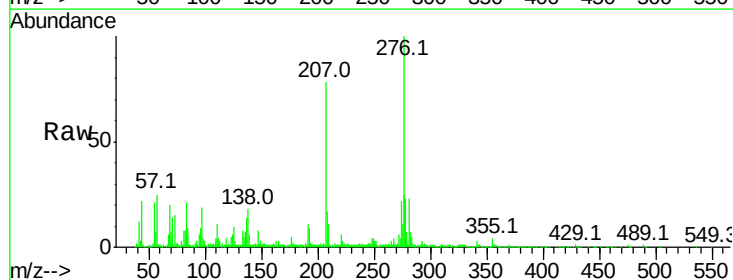
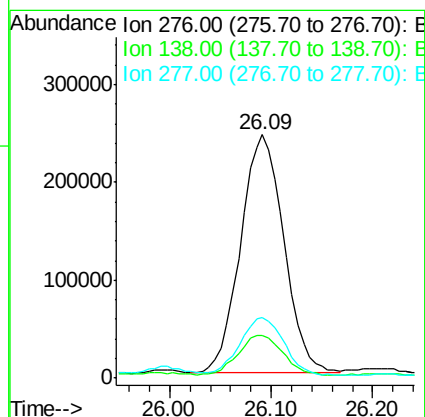
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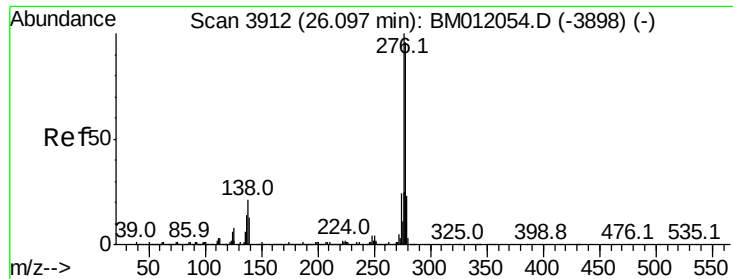
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#89
Indeno(1,2,3-cd)pyrene
Concen: 5.924 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	9.3	13.9
277	25.0	19.9	29.9





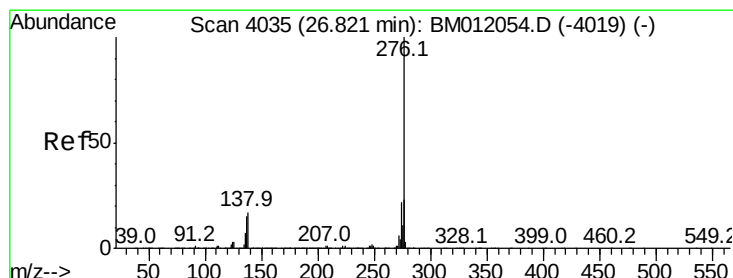
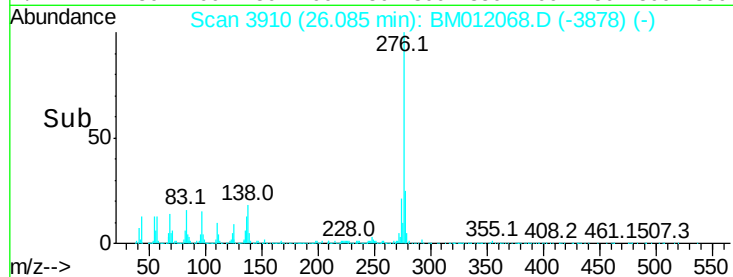
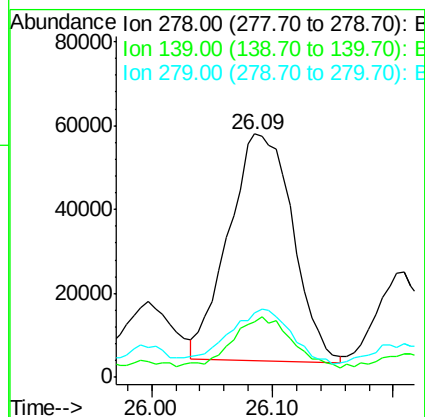
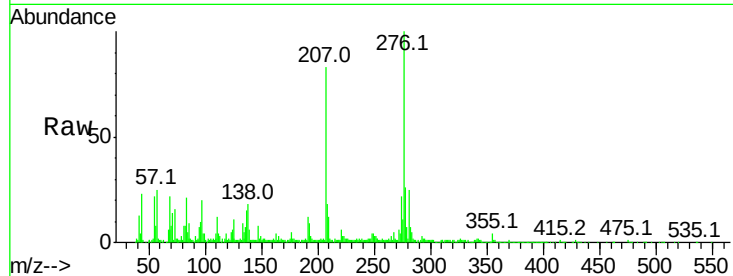
#90
Dibenzo(a,h)anthracene
Concen: 1.978 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Instrument :
BNA_M
ClientSampled :
CB3G0

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.0	5.8	8.8#
279	26.7	18.6	27.8

Manual Integrations
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10/11/2017 7:29:57 PM



#91
Benzo(g,h,i)perylene
Concen: 5.833 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM012068.D
Acq: 11 Oct 2017 06:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	8.5	12.7#
277	23.6	18.6	28.0

