

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012212.D
 Acq On : 15 Oct 2017 17:03
 Operator : SJ/JU
 Sample : I5772-11DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2N9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:49:15 PM

Quant Time: Oct 16 04:13:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	165234	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	693442	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	430014	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	979413	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	740930	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	707439	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	655	0.19	ng/uL	0.00
5) Phenol-d5	6.99	99	8692	0.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	22963	2.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	31657	2.78	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	19562	1.69	ng/ul	0.01
19) Nitrobenzene-d5	9.05	128	268	0.05	ng/ul	0.07
22) 2-Nitrophenol-d4	9.71	143	19701	3.19	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	42859	3.63	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	25274	2.29	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	151900	4.00	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	175562	3.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	1297	0.23	ng/ul	0.03
57) Fluorene-d10	15.46	176	127163	4.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	2156	0.32	ng/ul	0.02
70) Anthracene-d10	17.31	188	199804m	4.13	ng/ul	0.00
76) Pyrene-d10	19.61	212	185666	4.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	138701	4.07	ng/ul	0.01

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	9.83	107	14843	1.111 ng/ul	97
28) Naphthalene	10.68	128	26324931m	733.752 ng/ul	
34) 2-Methylnaphthalene	12.28	142	301201	11.125 ng/ul	97
40) 1,1'-Biphenyl	13.30	154	440227	12.130 ng/ul	99
47) Acenaphthylene	14.19	152	164753	3.647 ng/ul	98
49) Acenaphthene	14.53	153	1230720	40.445 ng/ul	99
53) Dibenzofuran	14.87	168	1151129	26.272 ng/ul	97
58) Fluorene	15.52	166	656322	18.036 ng/ul	99
69) Phenanthrene	17.26	178	931087	16.711 ng/ul	100
72) Carbazole	17.63	167	1392872	28.533 ng/ul	100
74) Fluoranthene	19.27	202	71662	1.066 ng/ul#	93

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

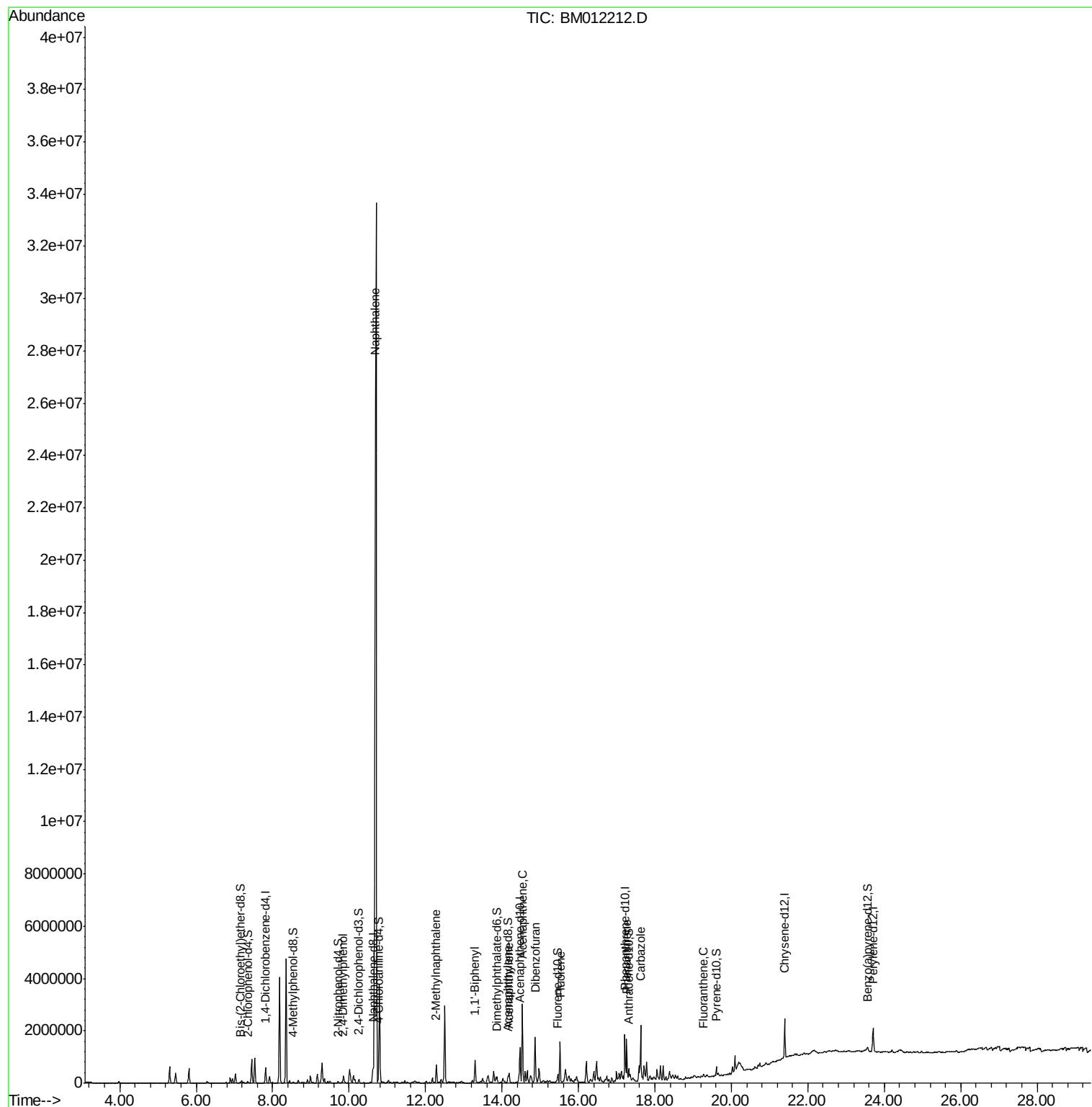
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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ALS Vial : 42 Sample Multiplier: 1

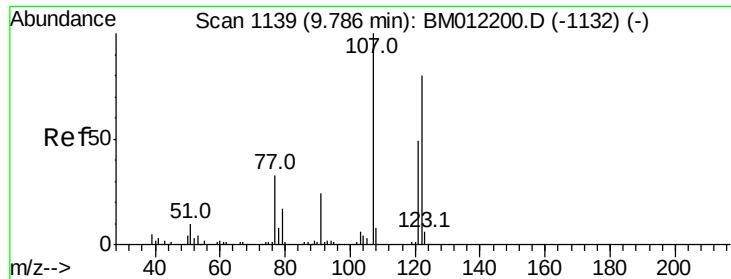
Instrument :
BNA_M
ClientSampleId :
BE2N9DL

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10/16/2017 7:49:15 PM

Quant Time: Oct 16 04:13:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 1.111 ng/ul

RT: 9.83 min Scan# 1147

Delta R.T. 0.05 min

Lab File: BM012212.D

Acq: 15 Oct 2017 17:03

Instrument :

BNA_M

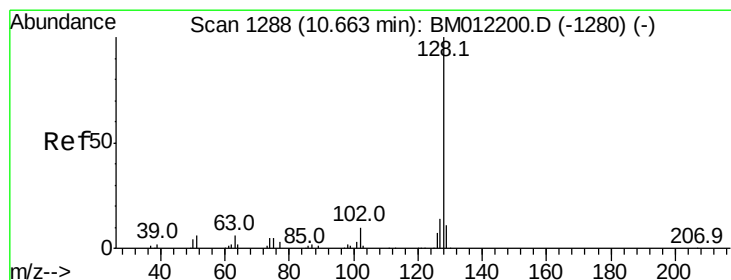
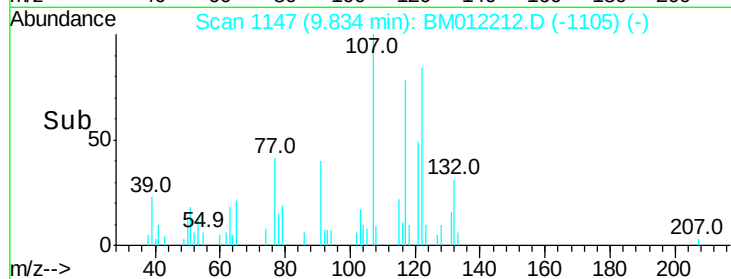
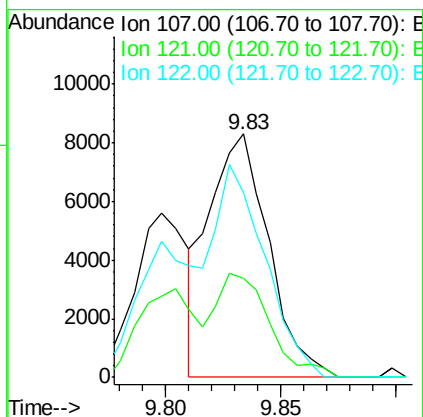
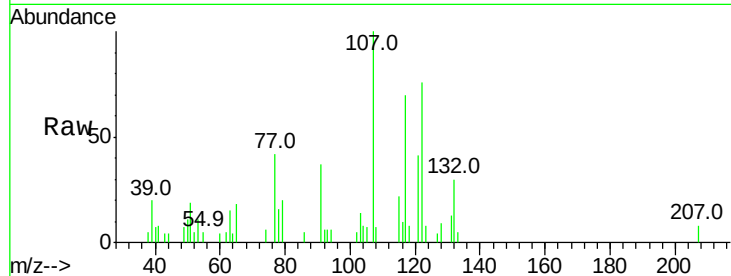
ClientSampled :

BE2N9DL

Tot Ion:	107	Resp:	14843
Ion Ratio	Lower	Upper	
107	100		
121	40.8	31.9	47.9
122	76.0	57.8	86.6

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#28

Naphthalene

Concen: 733.752 ng/ul m

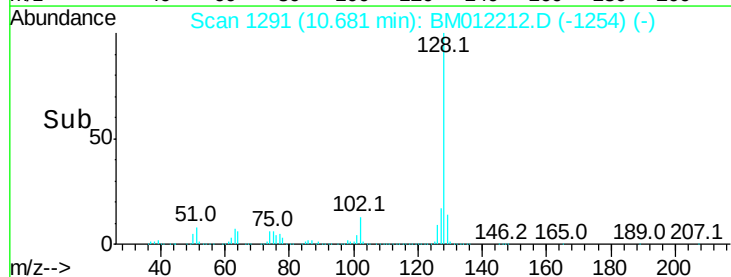
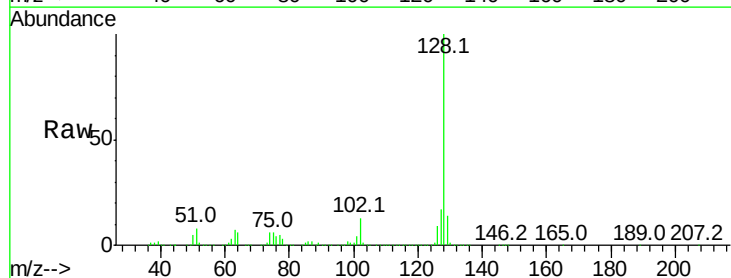
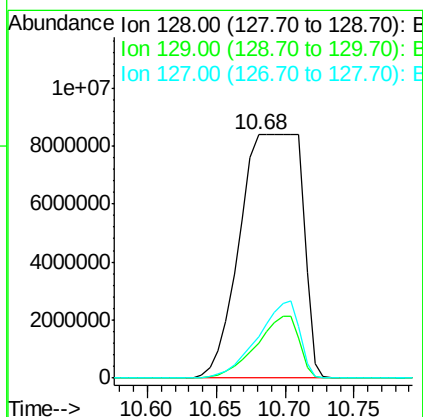
RT: 10.68 min Scan# 1291

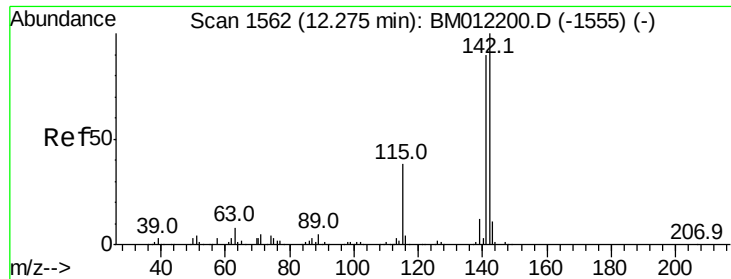
Delta R.T. 0.02 min

Lab File: BM012212.D

Acq: 15 Oct 2017 17:03

Tgt Ion:	128	Resp:	26324931
Ion Ratio	Lower	Upper	
128	100		
129	14.4	8.8	13.2#
127	17.2	10.6	16.0#





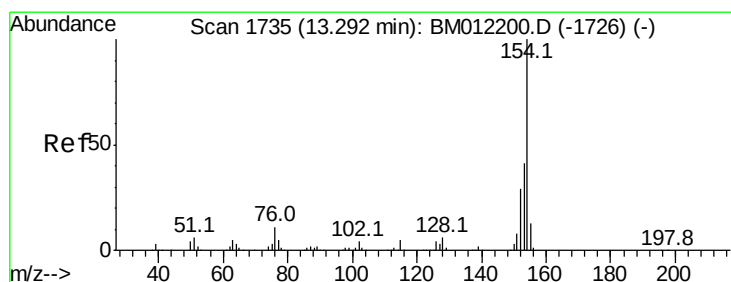
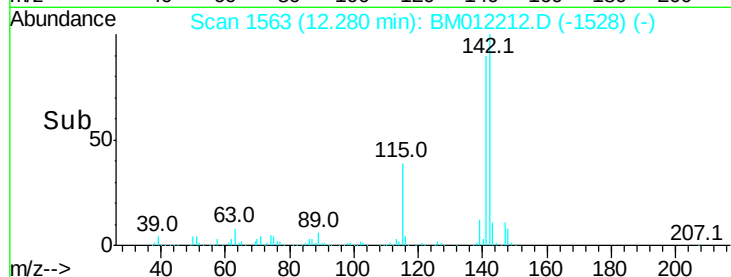
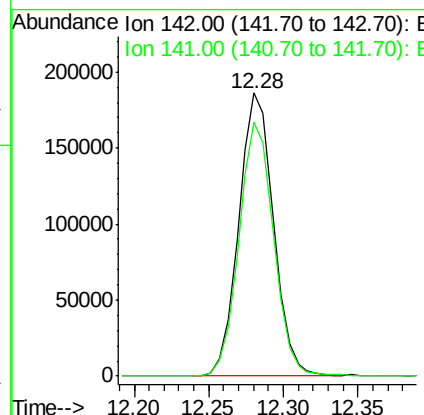
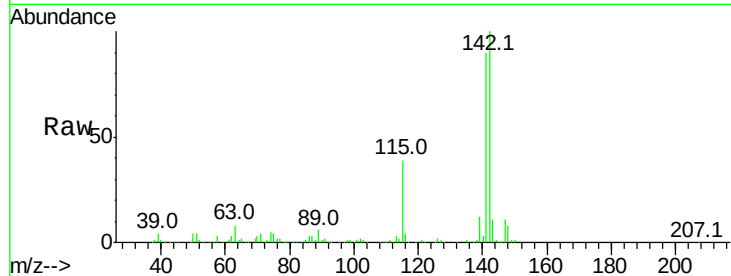
#34
 2-Methylnaphthalene
 Concen: 11.125 ng/ul
 RT: 12.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BM012212.D
 Acq: 15 Oct 2017 17:03

Instrument :
 BNA_M
 ClientSampleId :
 BE2N9DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1

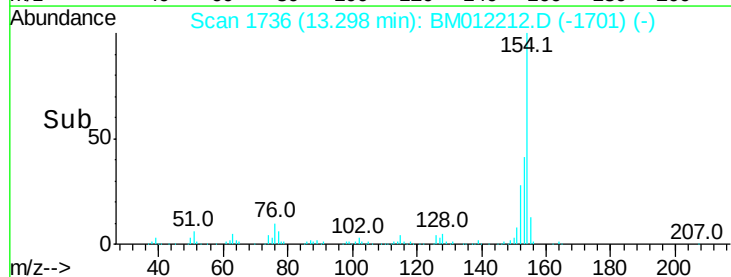
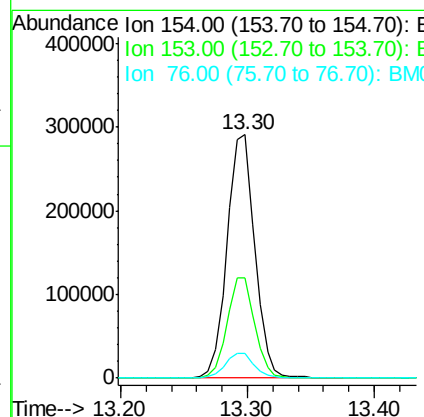
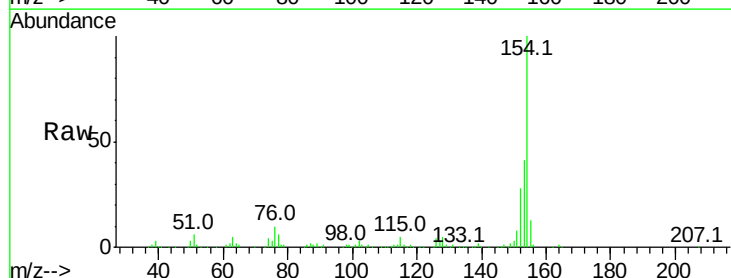
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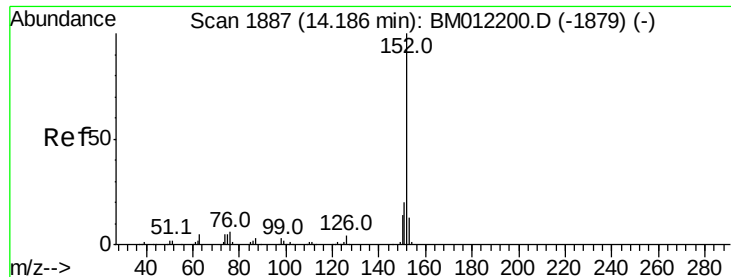
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#40
 1,1'-Biphenyl
 Concen: 12.130 ng/ul
 RT: 13.30 min Scan# 1736
 Delta R.T. 0.01 min
 Lab File: BM012212.D
 Acq: 15 Oct 2017 17:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.6	48.8
76	10.1	8.5	12.7





#47

Acenaphthylene

Concen: 3.647 ng/ul

RT: 14.19 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BM012212.D

Acq: 15 Oct 2017 17:03

Instrument :

BNA_M

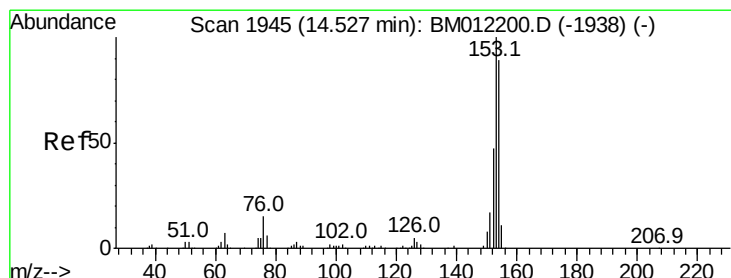
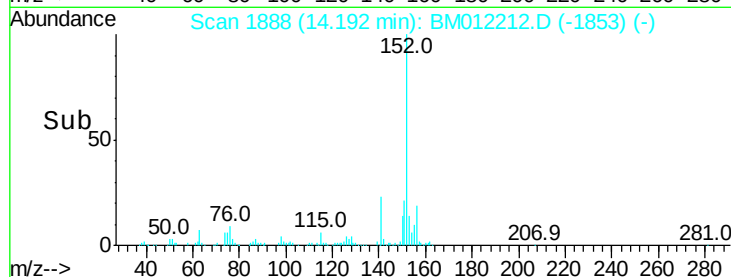
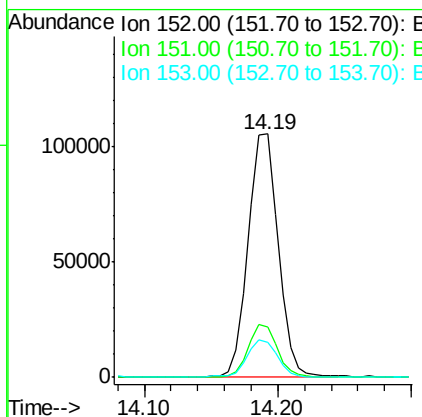
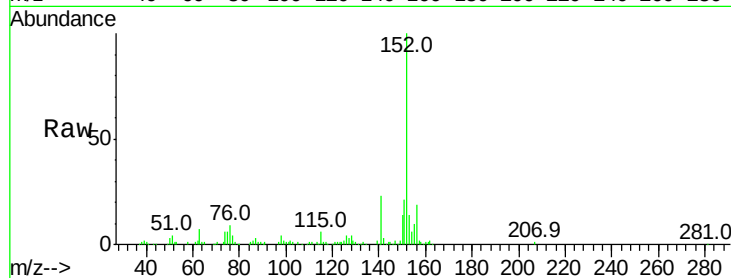
ClientSampleId :

BE2N9DL

Tot Ion:	152	Resp:	164753
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	14.4	10.2	15.4

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#49

Acenaphthene

Concen: 40.445 ng/ul

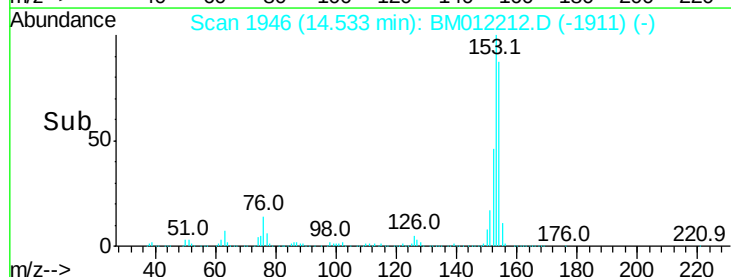
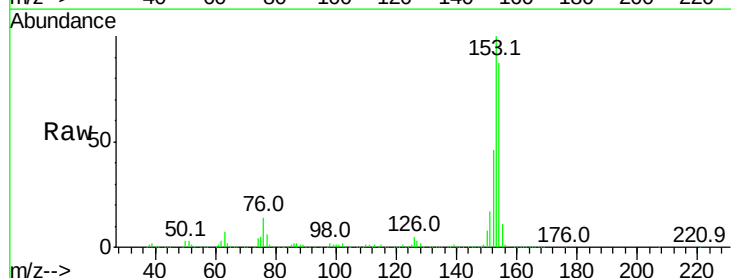
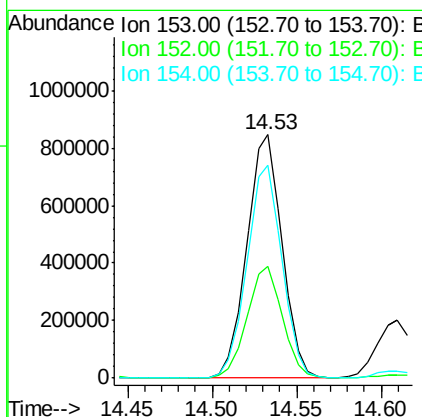
RT: 14.53 min Scan# 1946

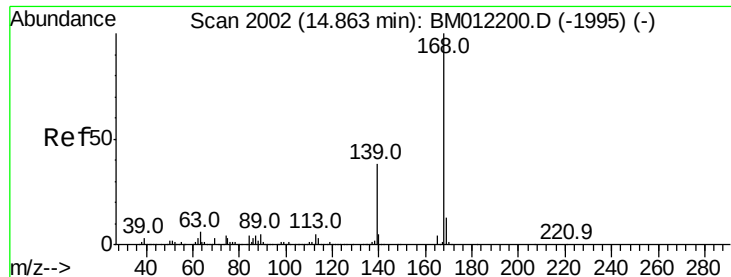
Delta R.T. 0.01 min

Lab File: BM012212.D

Acq: 15 Oct 2017 17:03

Tgt Ion:	153	Resp:	1230720
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.6	56.4
154	87.3	70.4	105.6





#53

Dibenzenofuran

Concen: 26.272 ng/ul

RT: 14.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BM012212.D

Acq: 15 Oct 2017 17:03

Instrument :

BNA_M

ClientSampleId :

BE2N9DL

Tot Ion:168 Resp: 1151129

Ion Ratio Lower Upper

168 100

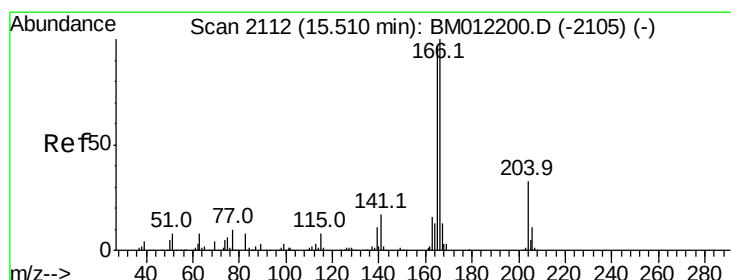
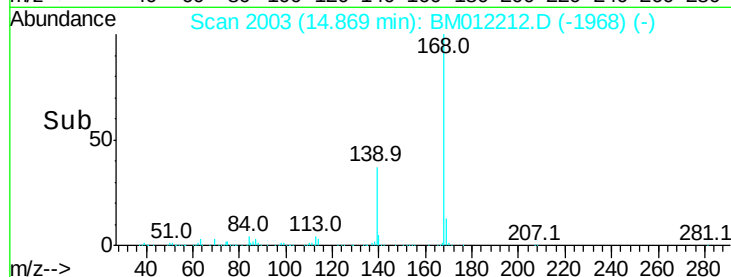
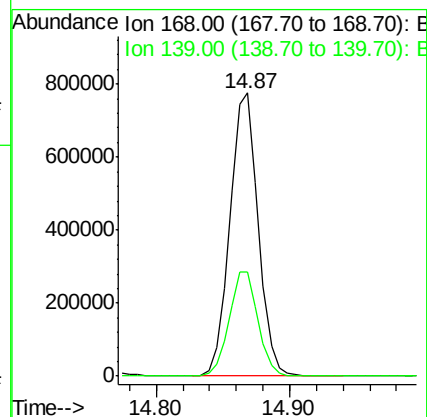
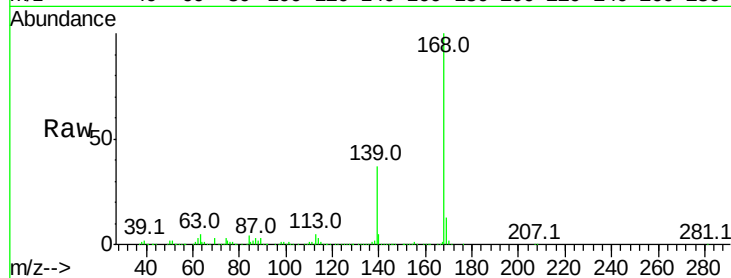
139 36.7 30.8 46.2

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#58

Fluorene

Concen: 18.036 ng/ul

RT: 15.52 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BM012212.D

Acq: 15 Oct 2017 17:03

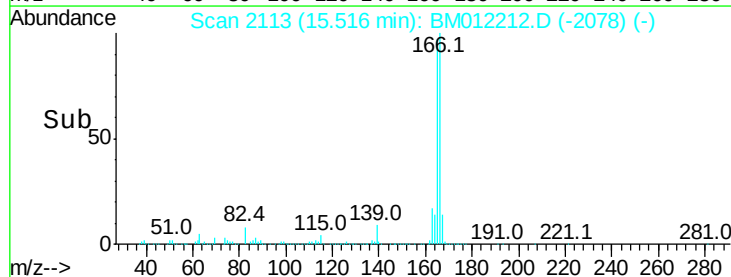
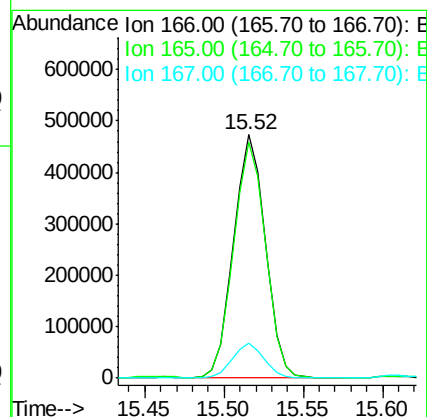
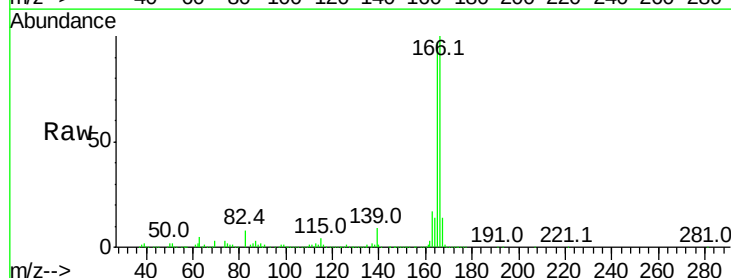
Tgt Ion:166 Resp: 656322

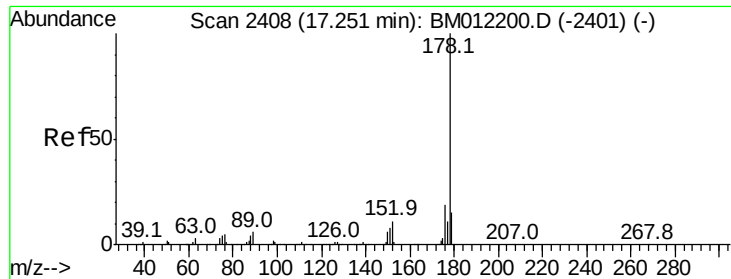
Ion Ratio Lower Upper

166 100

165 97.0 77.9 116.9

167 14.2 10.6 16.0





#69

Phenanthrene

Concen: 16.711 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM012212.D

Acq: 15 Oct 2017 17:03

Instrument :

BNA_M

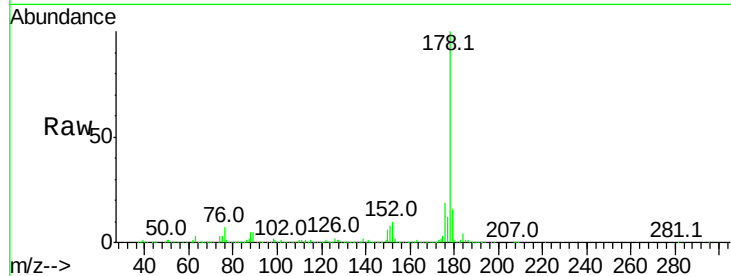
ClientSampleId :

BE2N9DL

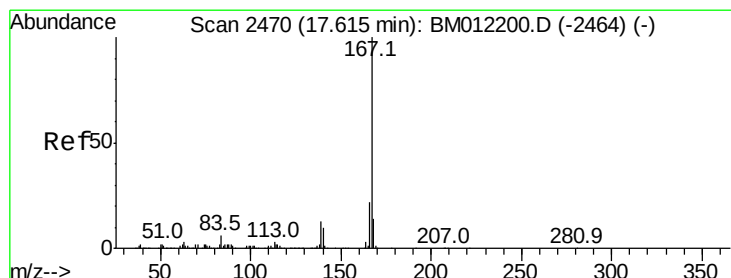
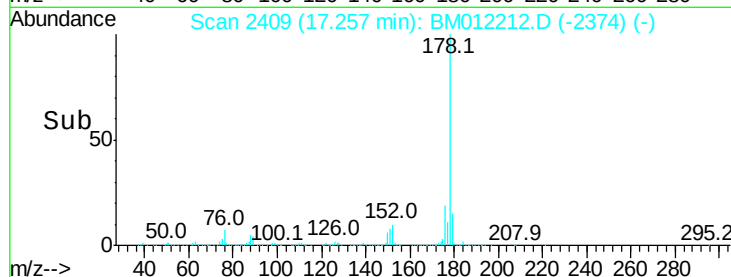
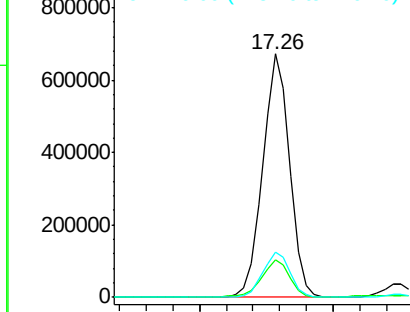
Tot Ion:	178	Resp:	931087
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	18.7	14.9	22.3

Manual Integrations
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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



#72

Carbazole

Concen: 28.533 ng/ul

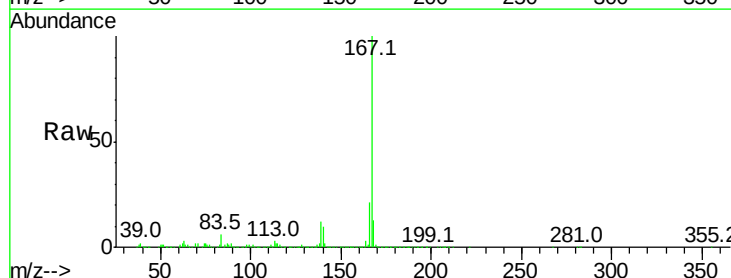
RT: 17.63 min Scan# 2472

Delta R.T. 0.01 min

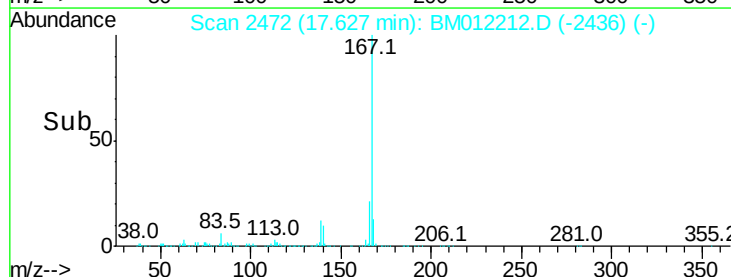
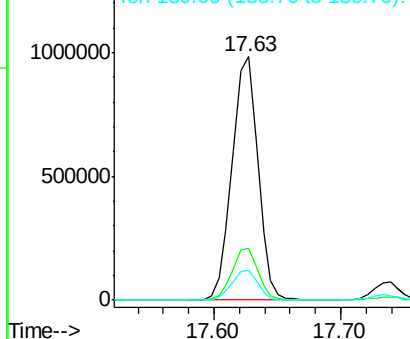
Lab File: BM012212.D

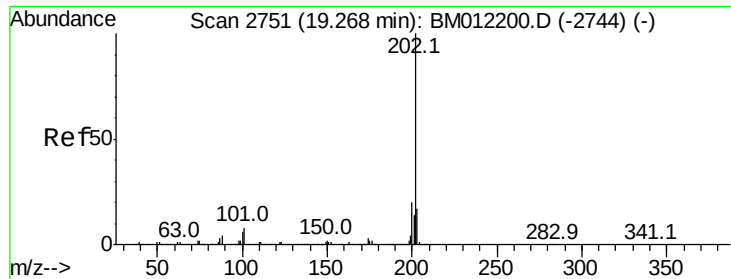
Acq: 15 Oct 2017 17:03

Tgt Ion:	167	Resp:	1392872
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.1	25.7
139	12.4	10.0	15.0



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





#74
 Fluoranthene
 Concen: 1.066 ng/ul
 RT: 19.27 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: BM012212.D
 Acq: 15 Oct 2017 17:03

Instrument :
 BNA_M
 ClientSampleId :
 BE2N9DL

Tot Ion:	202	Resp:	71662
Ion Ratio	Lower	Upper	
202	100		
101	8.0	4.6	7.0#
100	6.5	3.4	5.2#

Manual Integrations
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