

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012149.D
 Acq On : 13 Oct 2017 23:49
 Operator : SJ/JU
 Sample : I5772-10 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2N8

Manual Integrations
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Sohil
 10/15/2017 12:44:38 PM

Quant Time: Oct 14 04:44:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 04:34:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	190278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	814229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	491092	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1071362	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	871623	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	824719	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	5618	1.40	ng/uL	0.00
5) Phenol-d5	6.99	99	18755	1.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	54502	5.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	63009	4.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	38984	2.93	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	41245	6.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	45911	6.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	80929	5.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	38474m	2.97	ng/ul	0.04
43) Dimethylphthalate-d6	13.88	166	304529	7.02	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	347059	6.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	6481m	0.99	ng/ul	0.02
57) Fluorene-d10	15.47	176	242033	6.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	29480	4.01	ng/ul	0.00
70) Anthracene-d10	17.32	188	366203	6.91	ng/ul	0.00
76) Pyrene-d10	19.62	212	368933	8.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	272875	6.86	ng/ul	-0.01

Target Compounds

					Qvalue
28) Naphthalene	10.69	128	14204185	337.18 ng/ul	98
34) 2-Methylnaphthalene	12.29	142	686243	21.59 ng/ul	96
40) 1,1'-Biphenyl	13.30	154	535246	12.91 ng/ul	98
49) Acenaphthene	14.54	153	1349381	38.83 ng/ul	99
53) Dibenzofuran	14.87	168	1609331	32.16 ng/ul	99
58) Fluorene	15.53	166	941878	22.66 ng/ul	99
69) Phenanthrene	17.27	178	1565838	25.69 ng/ul	98
71) Anthracene	17.36	178	112713	1.79 ng/ul	96
72) Carbazole	17.63	167	643518	12.05 ng/ul	98
74) Fluoranthene	19.28	202	154606	2.10 ng/ul#	92
77) Pyrene	19.65	202	86071	1.50 ng/ul#	91

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

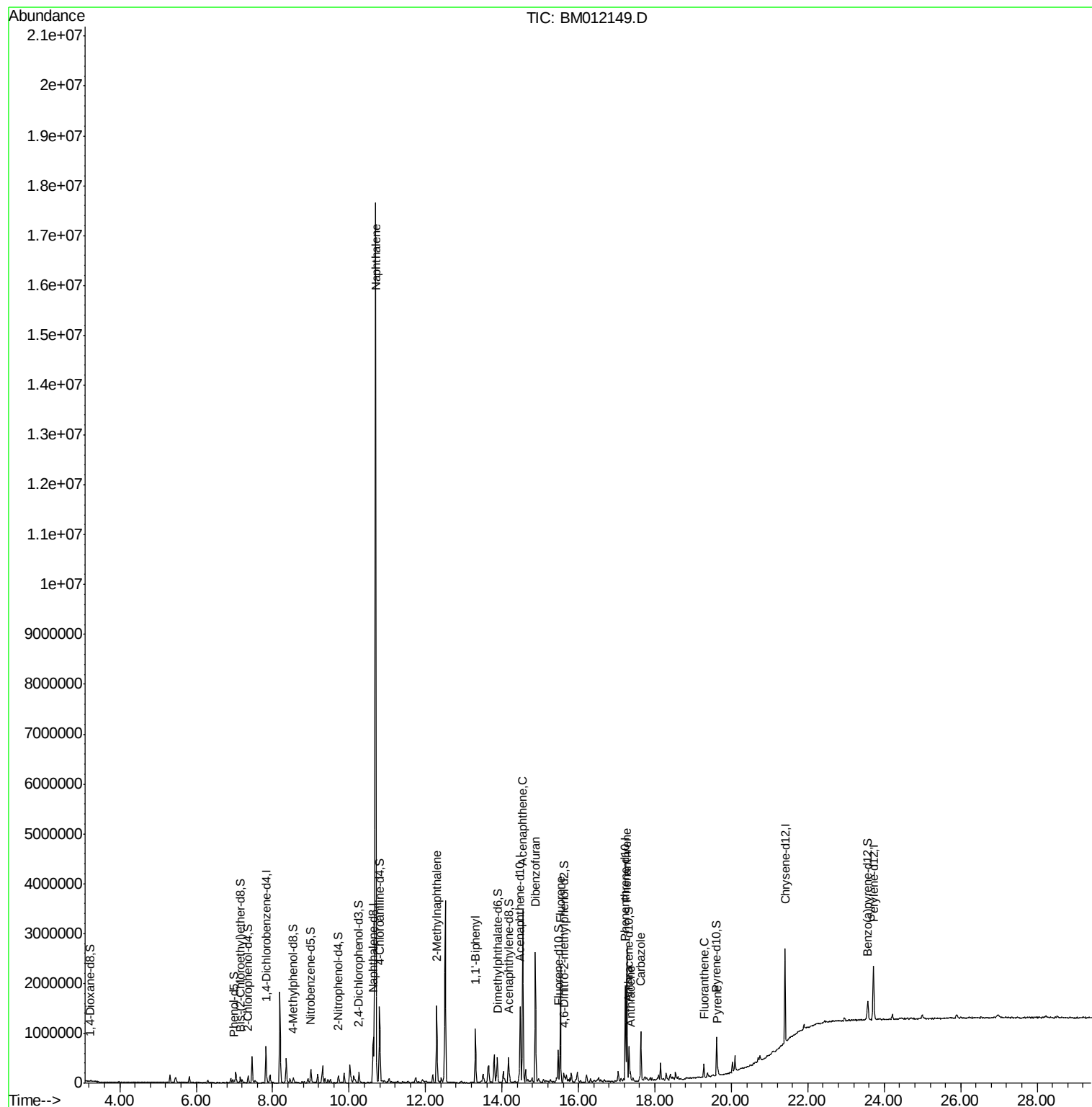
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012149.D
Acq On : 13 Oct 2017 23:49
Operator : SJ/JU
Sample : I5772-10 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

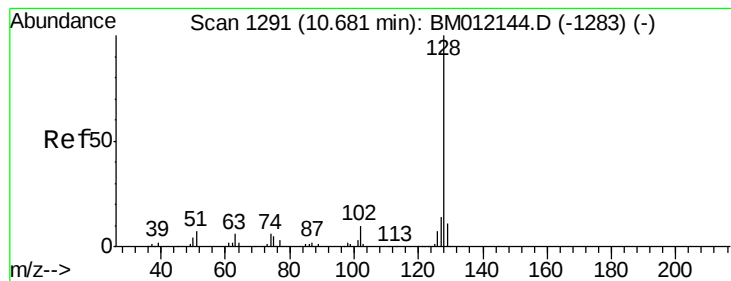
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Oct 14 04:44:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 04:34:07 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 337.18 ng/ul

RT: 10.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BM012149.D

Acq: 13 Oct 2017 23:49

Instrument :

BNA_M

ClientSampleId :

BE2N8

Tgt Ion:128 Resp:14204185

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

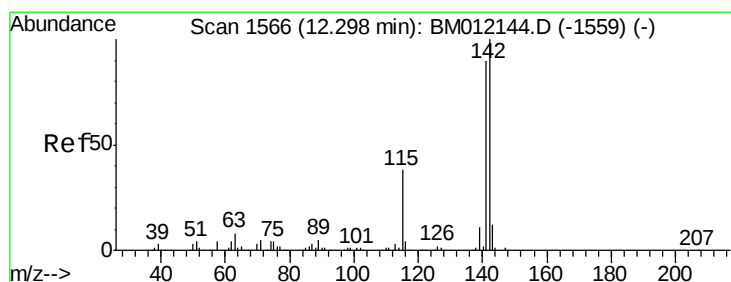
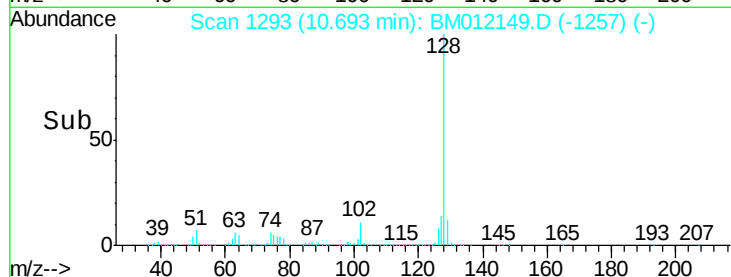
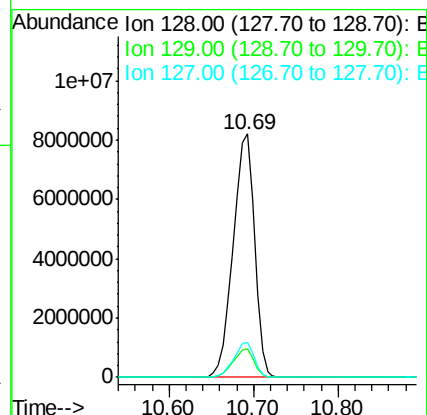
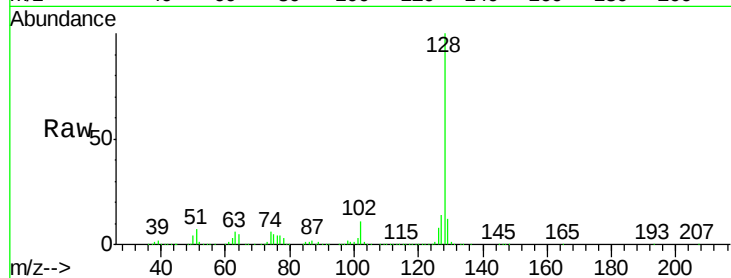
127 14.2 10.6 16.0

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#34

2-Methylnaphthalene

Concen: 21.59 ng/ul

RT: 12.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BM012149.D

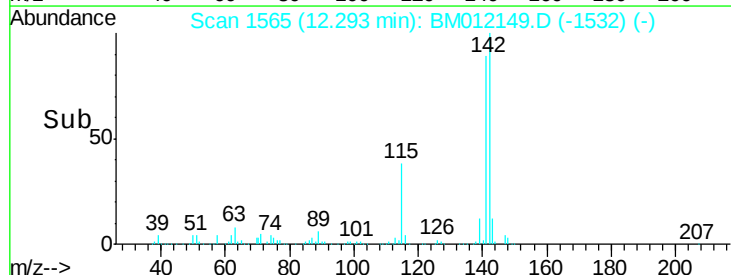
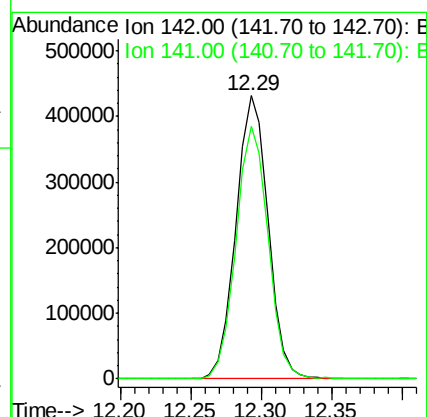
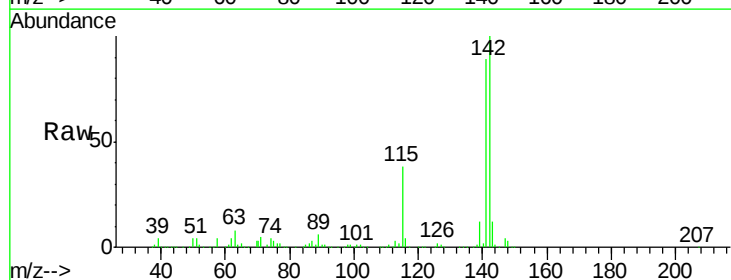
Acq: 13 Oct 2017 23:49

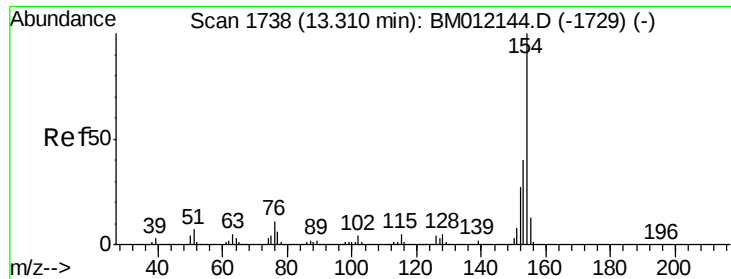
Tgt Ion:142 Resp: 686243

Ion Ratio Lower Upper

142 100

141 89.1 74.1 111.1





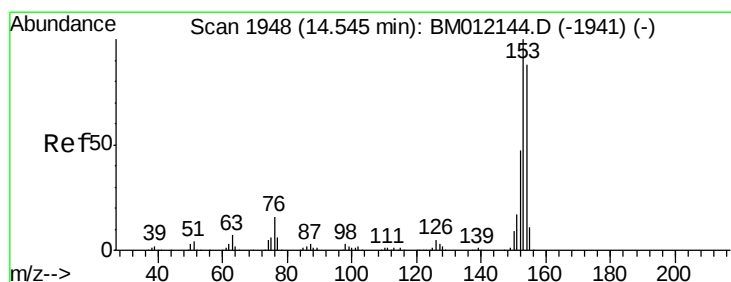
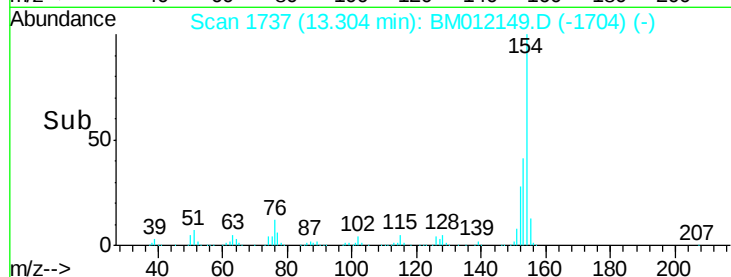
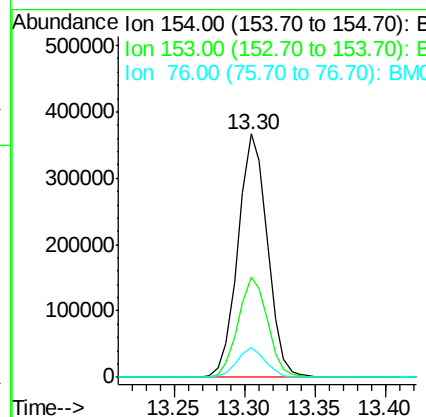
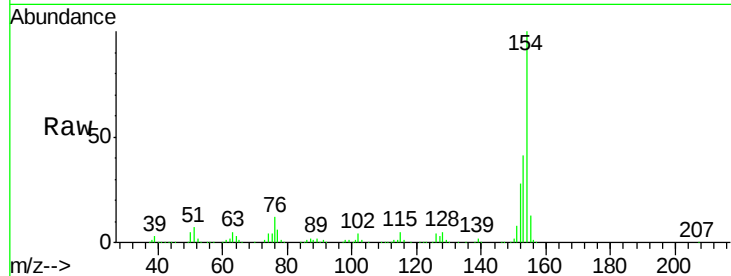
#40
 1,1'-Biphenyl
 Concen: 12.91 ng/ul
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM012149.D
 Acq: 13 Oct 2017 23:49

Instrument :
 BNA_M
 ClientSampled :
 BE2N8

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.6	48.8
76	12.3	8.5	12.7

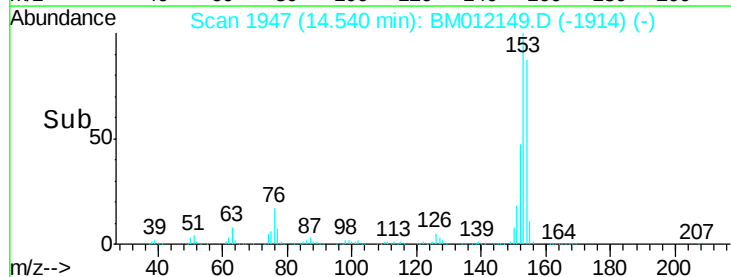
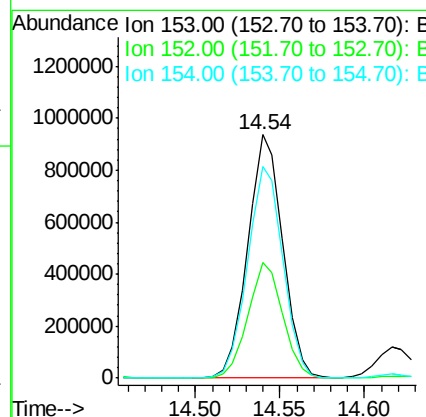
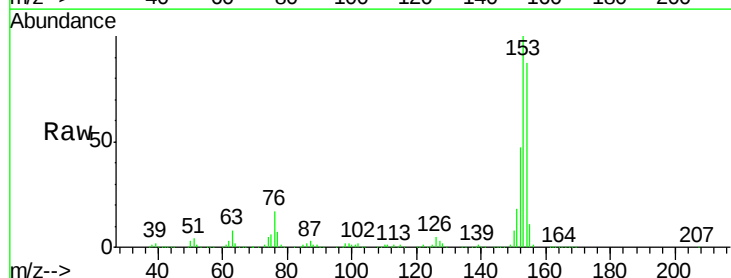
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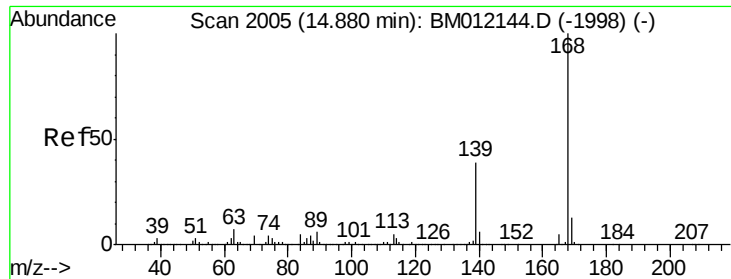
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#49
 Acenaphthene
 Concen: 38.83 ng/ul
 RT: 14.54 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BM012149.D
 Acq: 13 Oct 2017 23:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.6	56.4
154	87.2	70.4	105.6





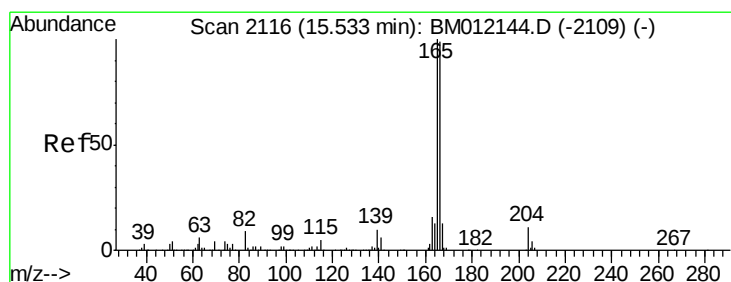
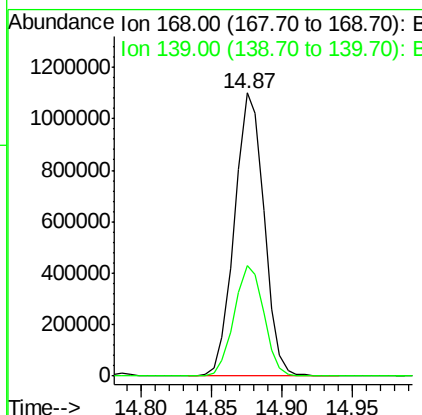
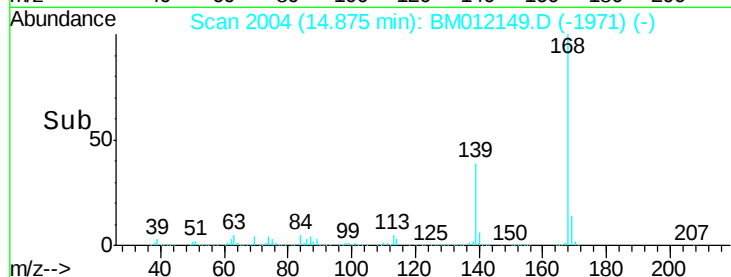
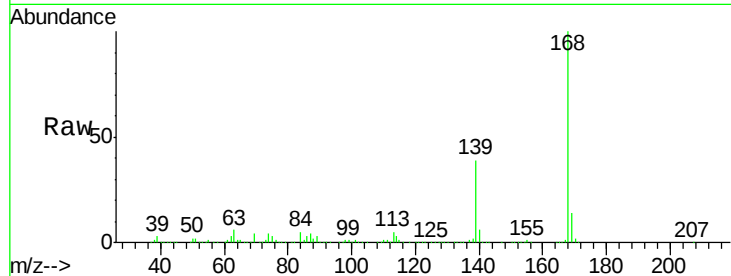
#53
Dibenzenofuran
Concen: 32.16 ng/ul
RT: 14.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM012149.D
Acq: 13 Oct 2017 23:49

Instrument :
BNA_M
ClientSampled :
BE2N8

Tgt Ion:168 Resp: 1609331
Ion Ratio Lower Upper
168 100
139 38.9 30.8 46.2

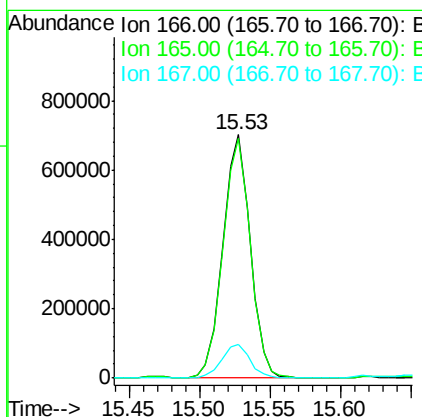
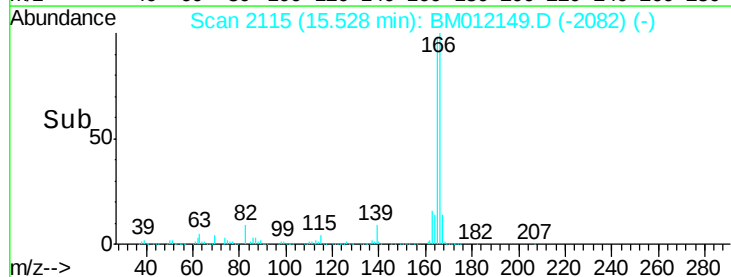
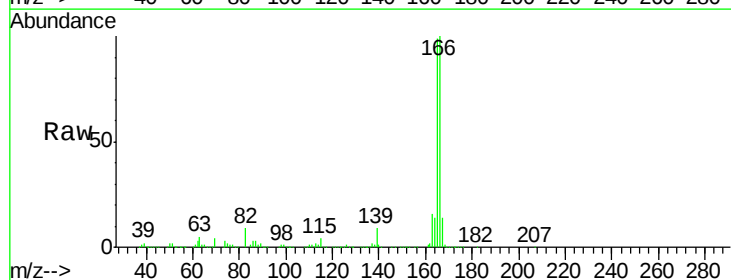
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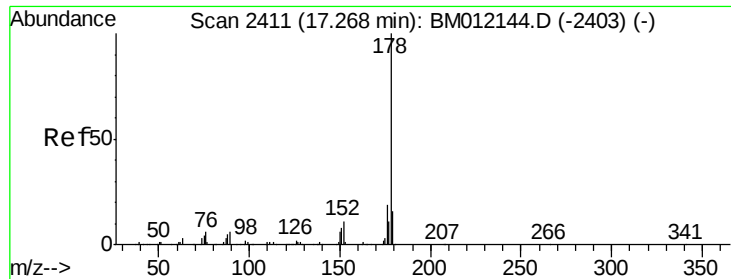
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#58
Fluorene
Concen: 22.66 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM012149.D
Acq: 13 Oct 2017 23:49

Tgt Ion:166 Resp: 941878
Ion Ratio Lower Upper
166 100
165 98.6 77.9 116.9
167 13.8 10.6 16.0





#69

Phenanthrene

Concen: 25.69 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM012149.D

Acq: 13 Oct 2017 23:49

Instrument :

BNA_M

ClientSampleId :

BE2N8

Tgt Ion:178 Resp: 1565838

Ion Ratio Lower Upper

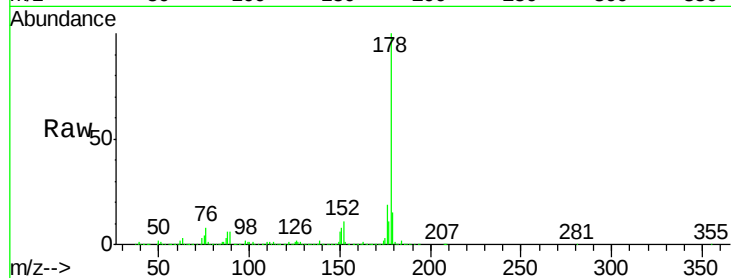
178 100

179 14.9 12.6 19.0

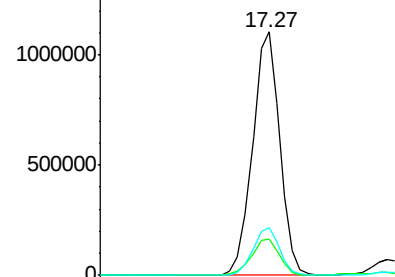
176 19.4 14.9 22.3

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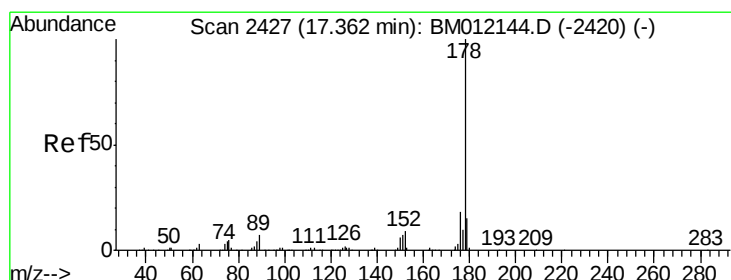
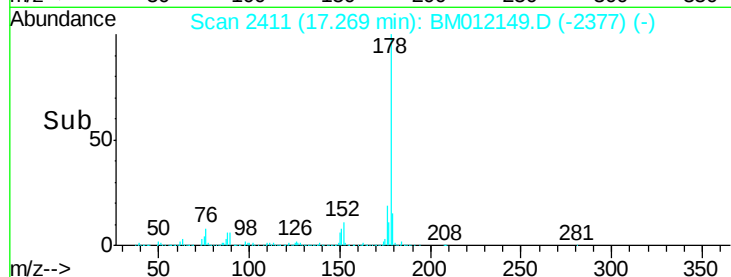
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Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 1.79 ng/ul

RT: 17.36 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012149.D

Acq: 13 Oct 2017 23:49

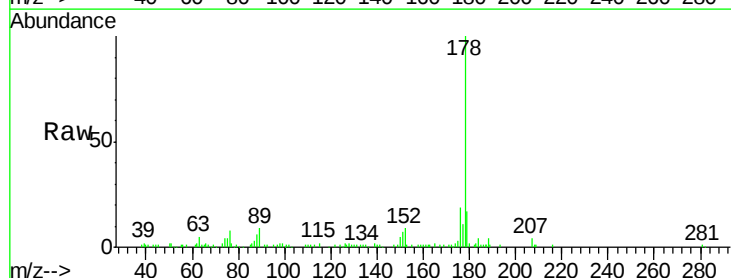
Tgt Ion:178 Resp: 112713

Ion Ratio Lower Upper

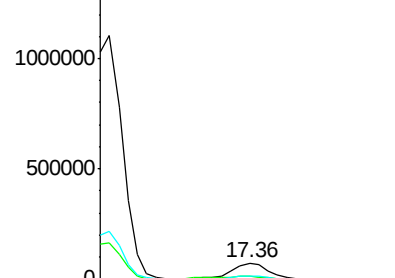
178 100

179 16.8 11.7 17.5

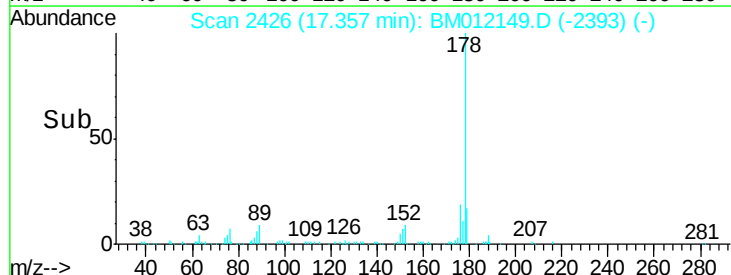
176 19.4 14.6 21.8

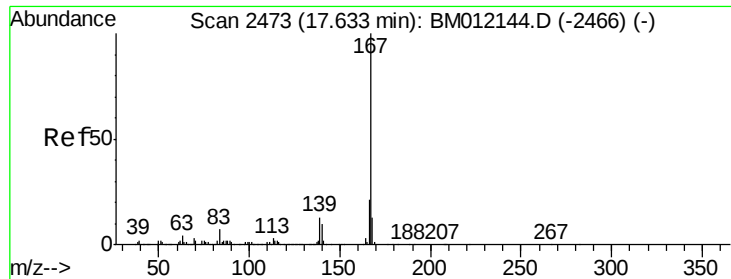


Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





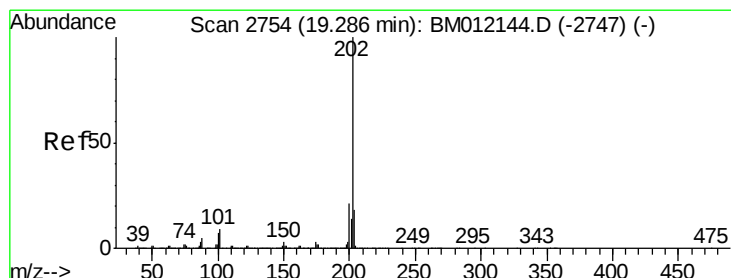
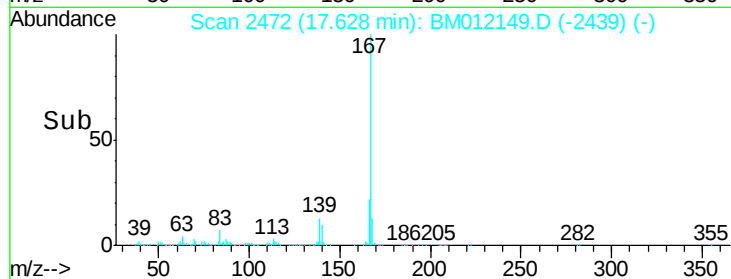
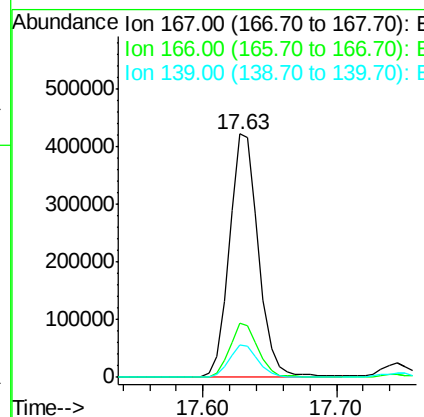
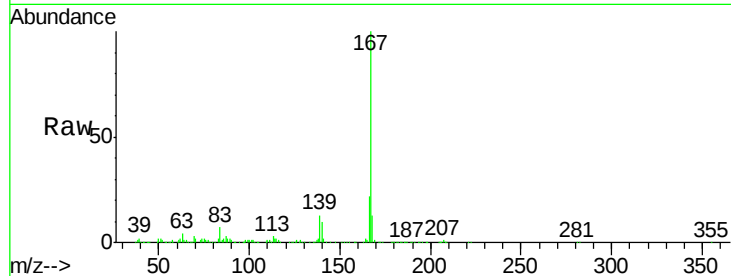
#72
 Carbazole
 Concen: 12.05 ng/ul
 RT: 17.63 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BM012149.D
 Acq: 13 Oct 2017 23:49

Instrument :
 BNA_M
 ClientSampleId :
 BE2N8

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	643518		
166	22.0		17.1	25.7
139	13.4		10.0	15.0

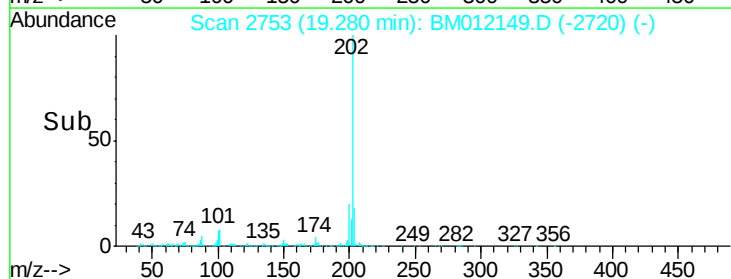
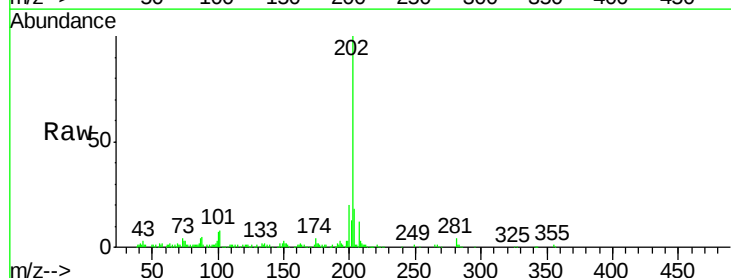
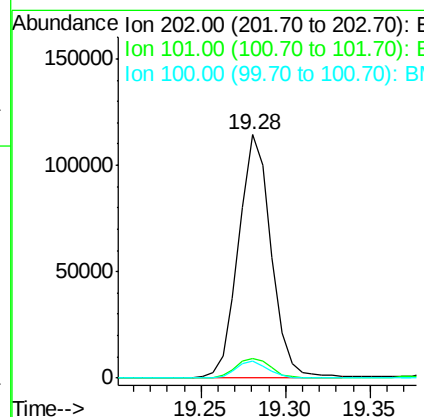
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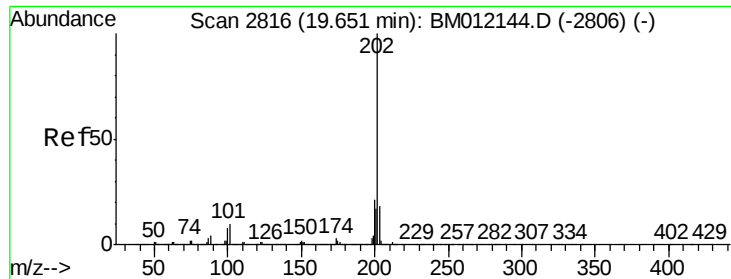
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#74
 Fluoranthene
 Concen: 2.10 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BM012149.D
 Acq: 13 Oct 2017 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	154606		
101	8.3		4.6	7.0#
100	6.8		3.4	5.2#





#77
 Pyrene
 Concen: 1.50 ng/ul
 RT: 19.65 min Scan# 2815
 Delta R.T. -0.01 min
 Lab File: BM012149.D
 Acq: 13 Oct 2017 23:49

Instrument :
 BNA_M
 ClientSampleId :
 BE2N8

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	5.1	7.7#
100	8.9	4.9	7.3#

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