

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013939.D
 Acq On : 29 Jan 2018 01:14
 Operator : SJ/JU
 Sample : J1233-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B17

Manual Integrations
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 1/29/2018 6:08:15 PM

Quant Time: Jan 29 06:49:56 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	147486	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	564564	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	332654	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	663883	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	720491	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	741318	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	11246	3.01	ng/uL	0.00
5) Phenol-d5	6.76	99	233852	20.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	149031	21.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	201547	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	175874	20.21	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	100579	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	109828	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	204358	22.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	172833	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	605686	22.09	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	763351	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	66288	14.88	ng/ul	0.00
57) Fluorene-d10	15.23	176	514191	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	76097	19.04	ng/ul	0.00
70) Anthracene-d10	17.09	188	769985	23.81	ng/ul	0.00
76) Pyrene-d10	19.39	212	871108	25.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	846836m	24.85	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.79	94	30443	2.681	ng/ul#	93
28) Naphthalene	10.40	128	3796297	135.162	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	3285143	156.879	ng/ul	95
40) 1,1'-Biphenyl	13.05	154	581727	21.009	ng/ul	99
44) Dimethylphthalate	13.70	163	180504	6.696	ng/ul	98
49) Acenaphthene	14.30	153	1303305	58.828	ng/ul	98
53) Dibenzofuran	14.63	168	2289953	68.708	ng/ul	99
56) Diethylphthalate	15.07	149	49319	1.818	ng/ul	98
58) Fluorene	15.29	166	1300159	47.623	ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	50395	2.581	ng/ul	94
68) Pentachlorophenol	16.65	266	118438	26.407	ng/ul	93
69) Phenanthrene	17.04	178	9247622	250.596	ng/ul	99
71) Anthracene	17.12	178	1208215	31.742	ng/ul	98
72) Carbazole	17.40	167	157600	5.016	ng/ul#	95
74) Fluoranthene	19.06	202	6351862	144.197	ng/ul#	94
77) Pyrene	19.42	202	3955533	90.307	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	897661	20.619	ng/ul	98
82) Chrysene	21.22	228	707710	17.720	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	472646	10.382	ng/ul#	96
86) Benzo(k)fluoranthene	22.76	252	173066	3.933	ng/ul#	94
88) Benzo(a)pyrene	23.28	252	245890	5.717	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.56	276	87446	1.722	ng/ul	97
91) Benzo(g,h,i)perylene	26.23	276	68960	1.650	ng/ul#	89

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

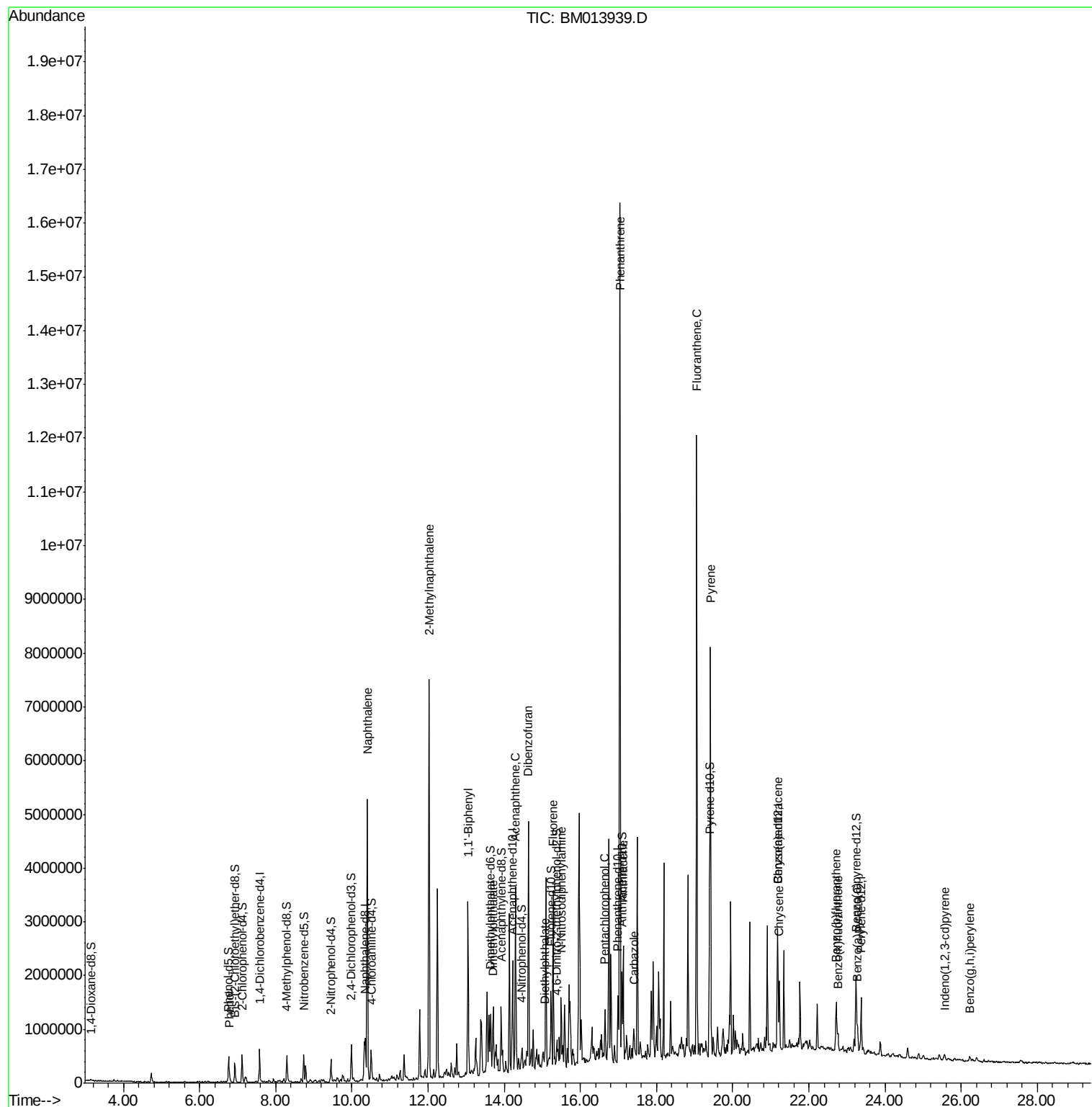
Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
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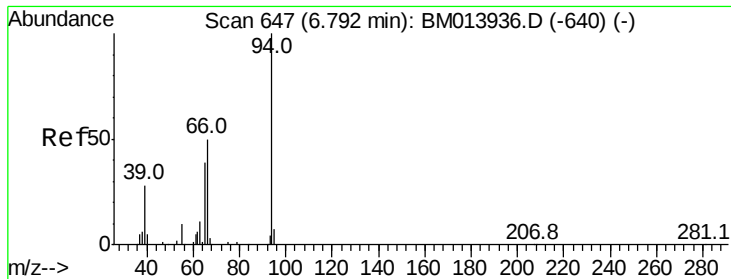
Instrument :
BNA_M
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#6

Phenol

Concen: 2.681 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

Instrument :

BNA_M

ClientSampled :

F6B17

Tot Ion: 94 Resp: 30443

Ion Ratio Lower Upper

94 100

65 27.0 28.2 42.4#

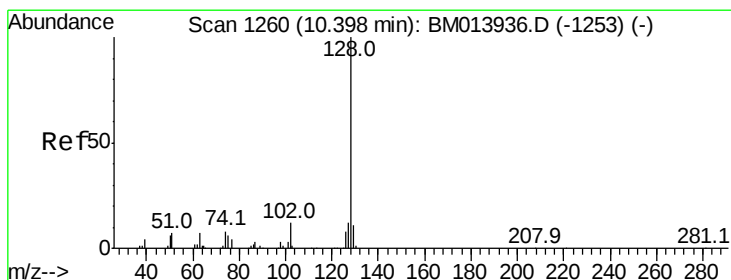
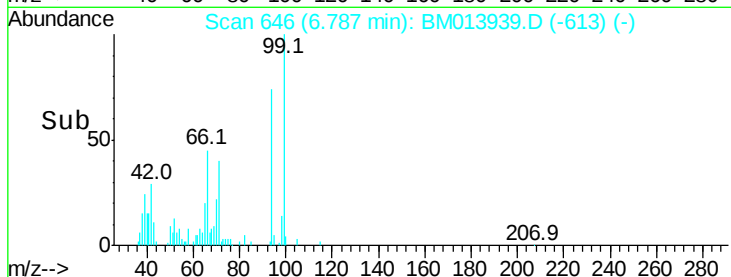
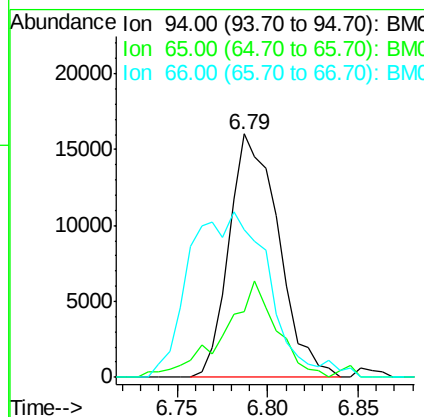
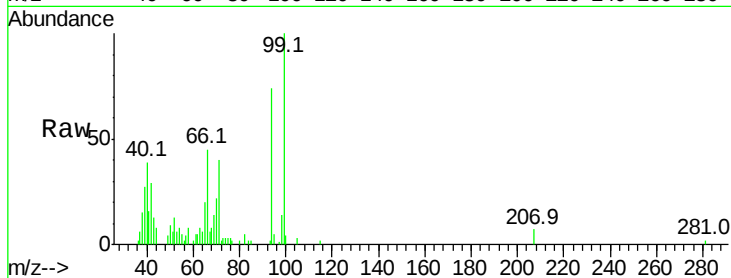
66 60.8 47.2 70.8

Manual Integrations

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#28

Naphthalene

Concen: 135.162 ng/ul

RT: 10.40 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

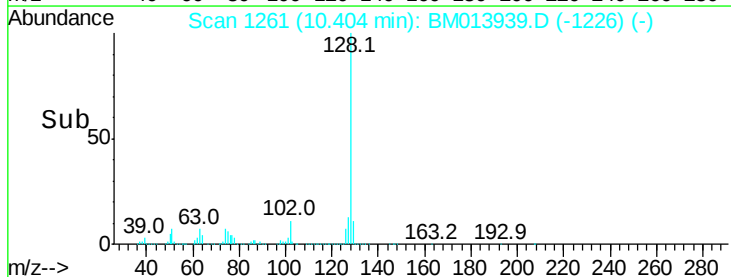
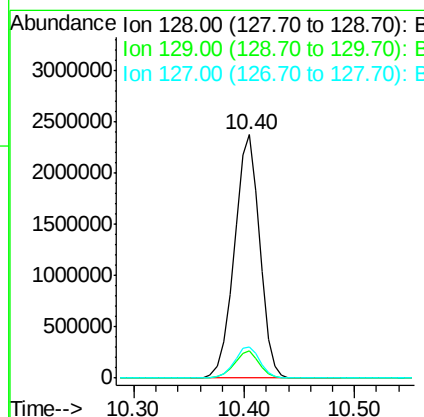
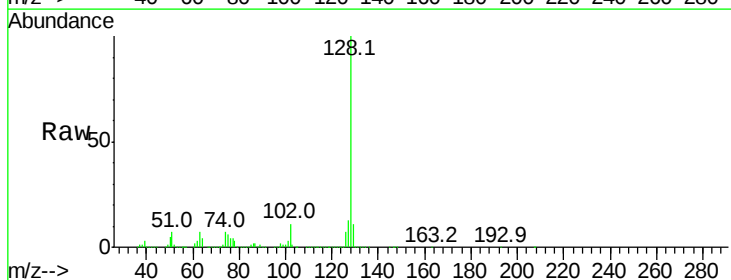
Tgt Ion:128 Resp: 3796297

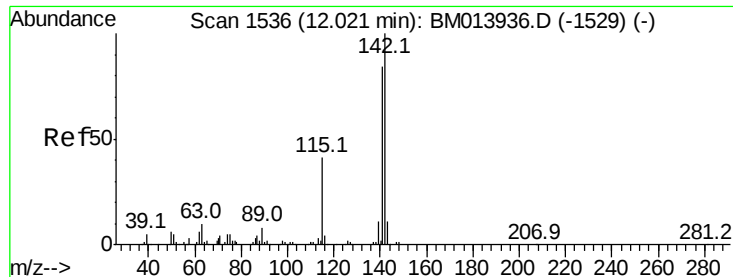
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.8 10.6 16.0





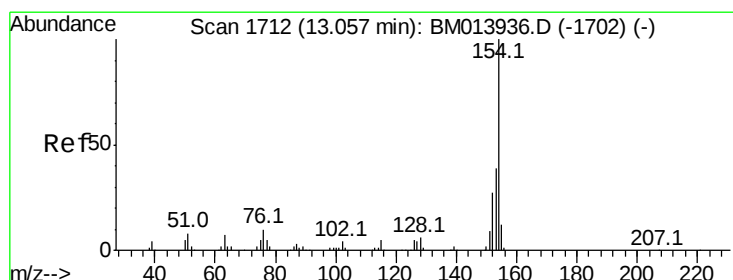
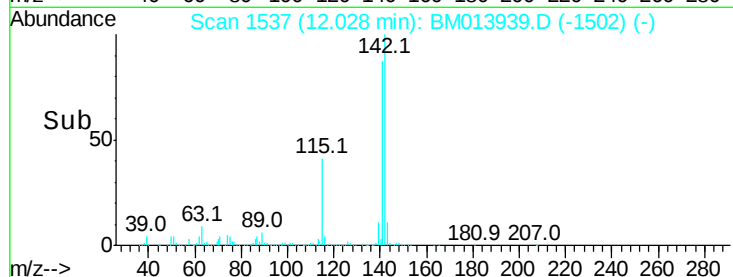
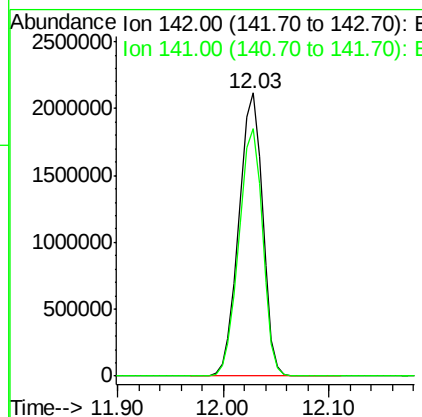
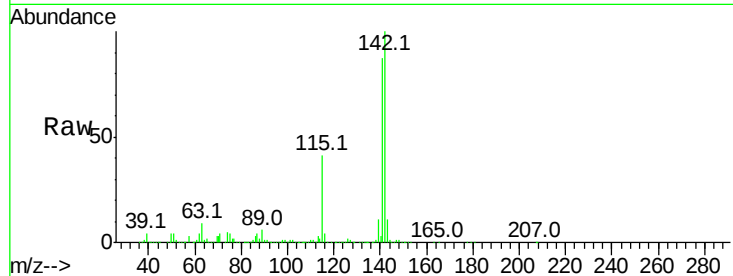
#34
 2-Methylnaphthalene
 Concen: 156.879 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Instrument :
 BNA_M
 ClientSampled :
 F6B17

Tot Ion:142 Resp: 3285143
 Ion Ratio Lower Upper
 142 100
 141 87.3 74.1 111.1

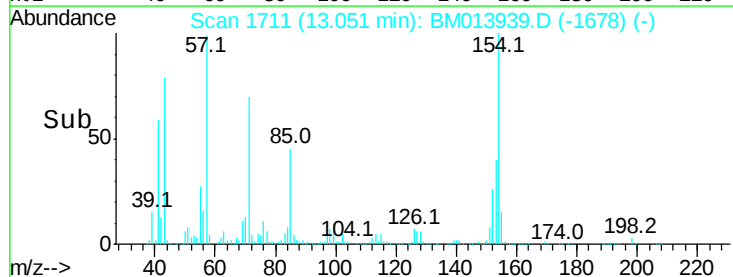
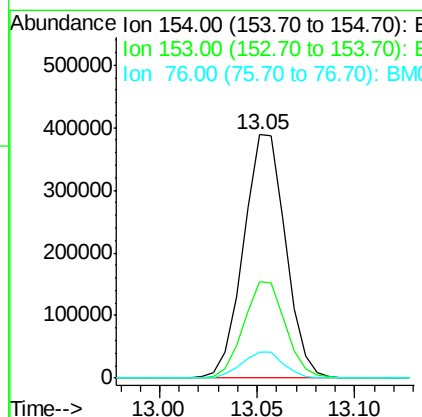
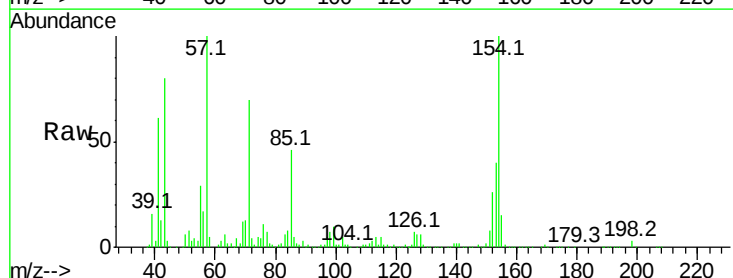
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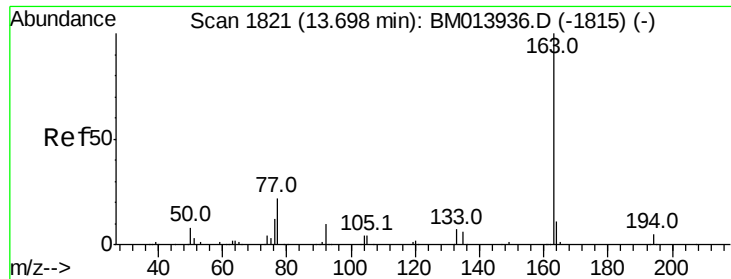
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#40
 1,1'-Biphenyl
 Concen: 21.009 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Tgt Ion:154 Resp: 581727
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.6 48.8
 76 10.9 8.5 12.7





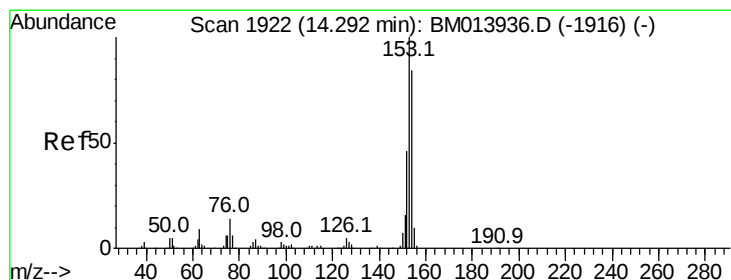
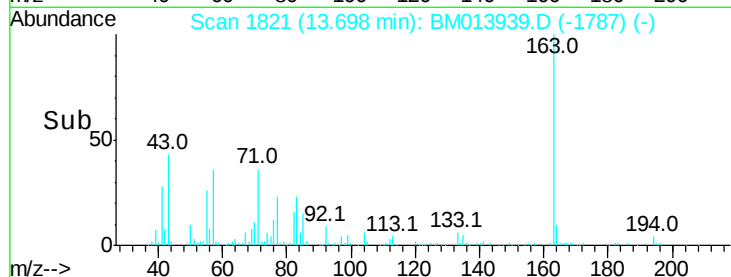
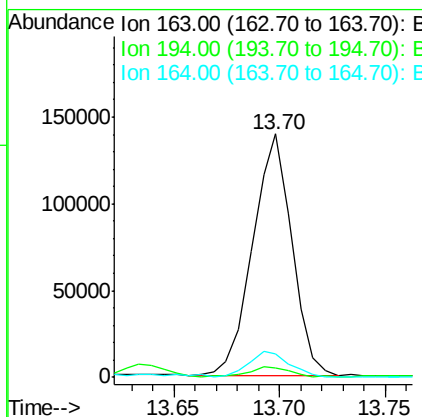
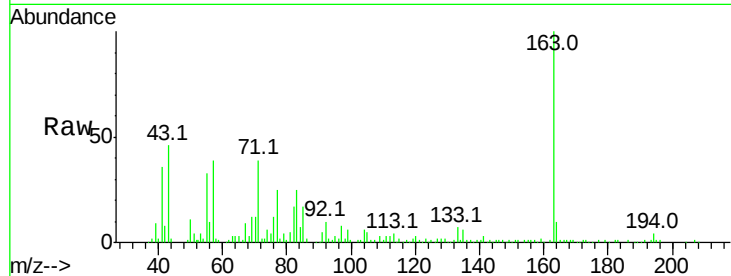
#44
Dimethylphthalate
Concen: 6.696 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampled :
F6B17

Tot Ion	Ratio	Resp	Lower	Upper
163	100	180504		
194	3.6		3.5	5.3
164	9.5		8.2	12.4

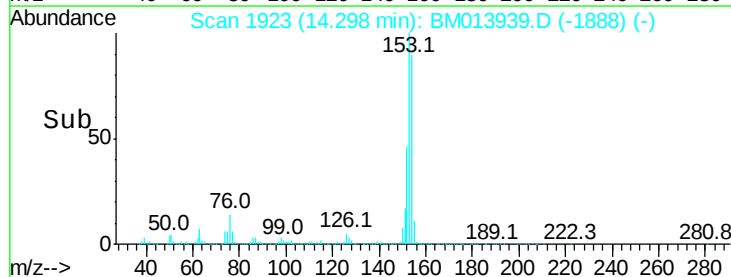
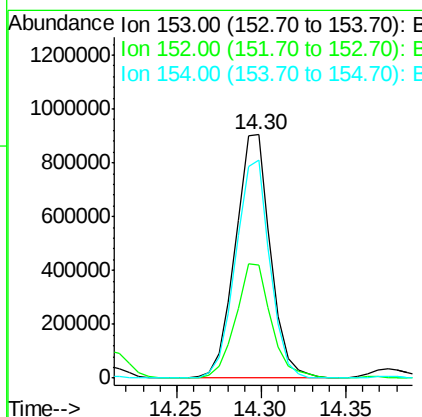
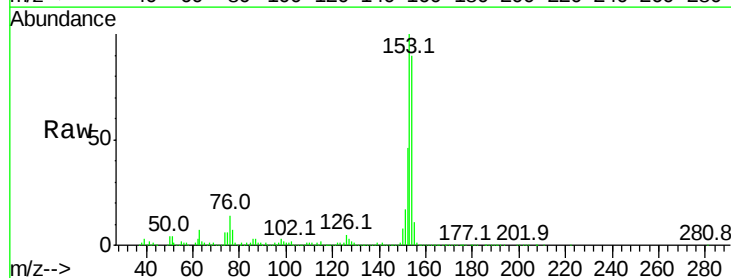
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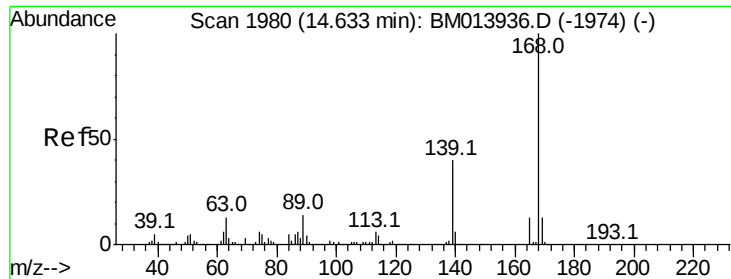
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#49
Acenaphthene
Concen: 58.828 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1303305		
152	46.3		37.6	56.4
154	89.8		70.4	105.6





#53

Dibenzofuran

Concen: 68.708 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

Instrument :

BNA_M

ClientSampleId :

F6B17

Tot Ion:168 Resp: 2289953

Ion Ratio Lower Upper

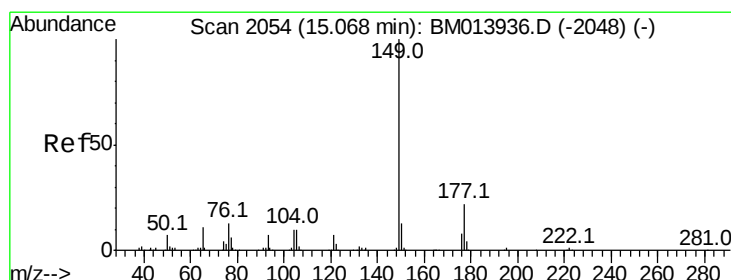
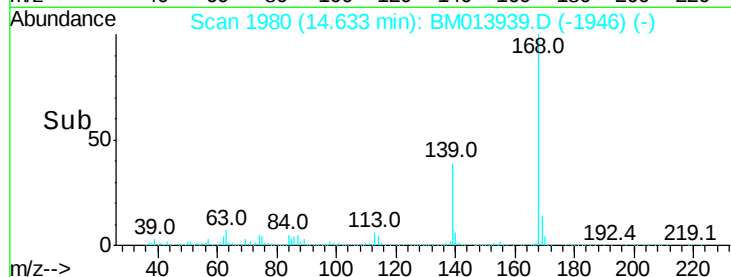
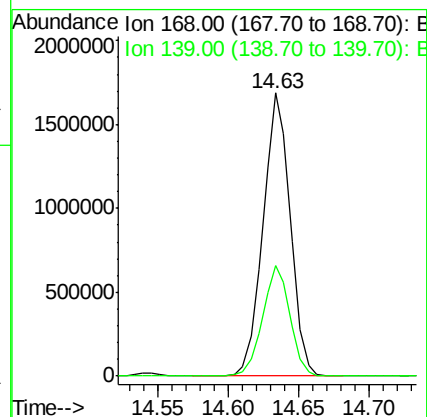
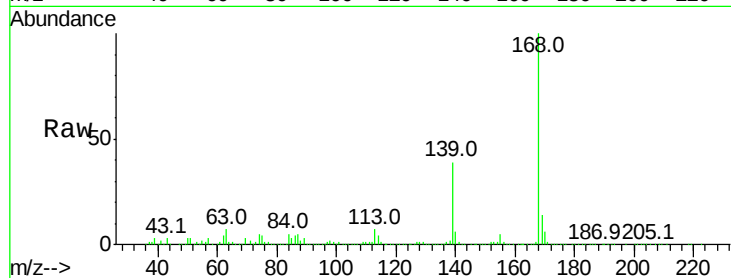
168 100

139 39.0 30.8 46.2

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#56

Diethylphthalate

Concen: 1.818 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

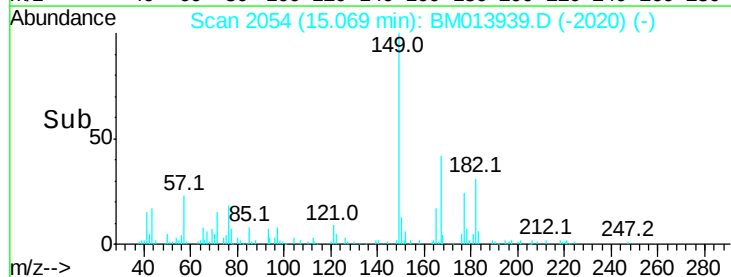
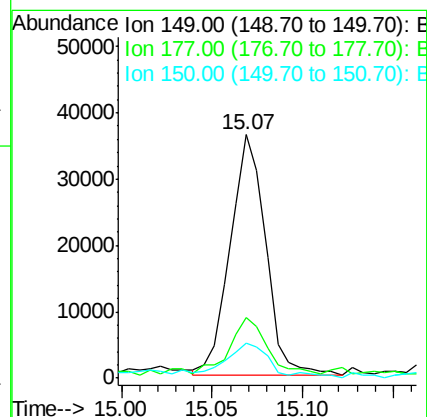
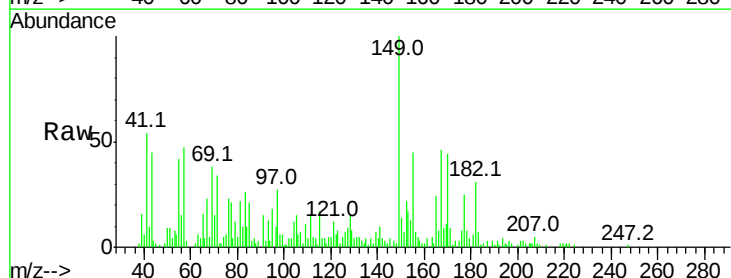
Tgt Ion:149 Resp: 49319

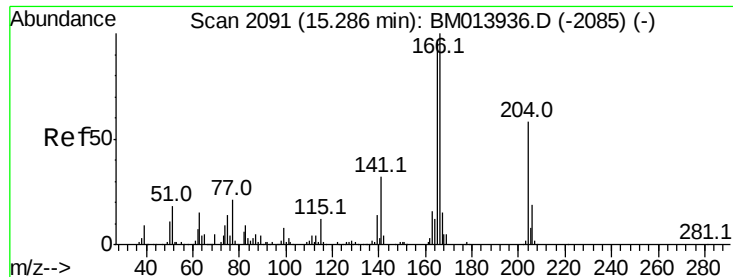
Ion Ratio Lower Upper

149 100

177 24.8 20.5 30.7

150 14.4 10.6 15.8





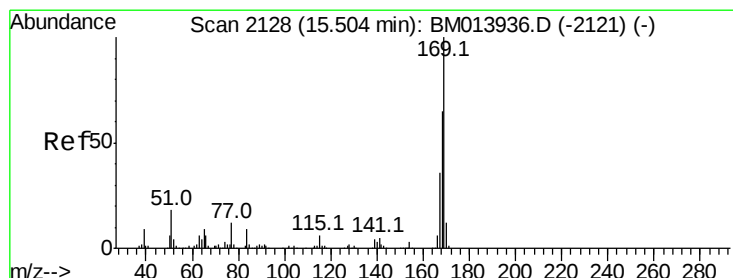
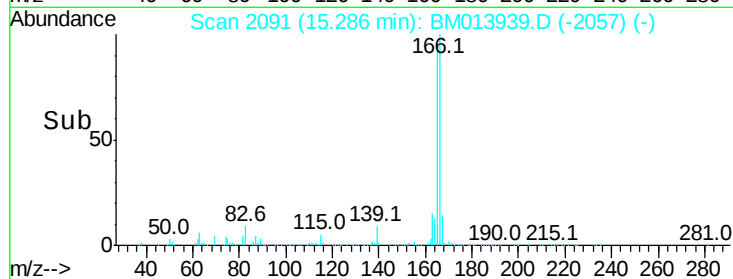
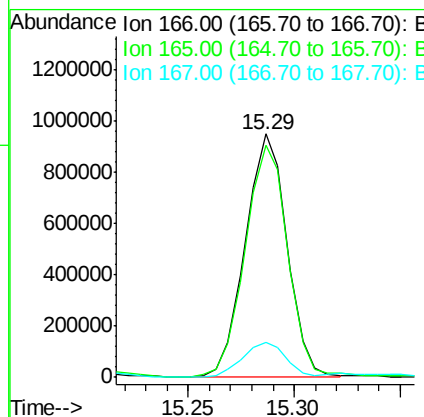
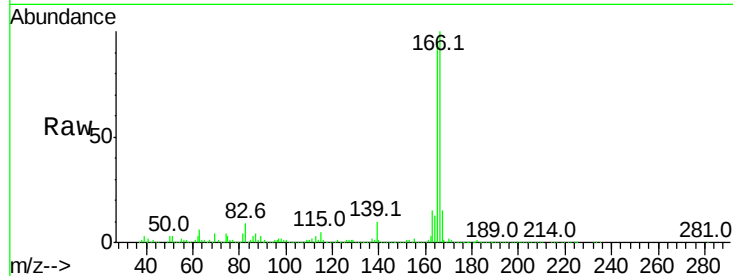
#58
Fluorene
 Concen: 47.623 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Instrument :
 BNA_M
 ClientSampleId :
 F6B17

Tot Ion:166 Resp: 1300159
 Ion Ratio Lower Upper
 166 100
 165 95.1 77.9 116.9
 167 14.6 10.6 16.0

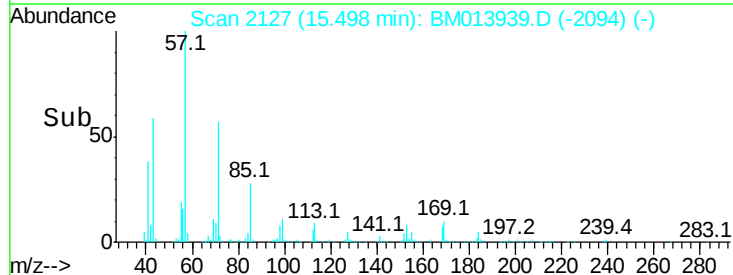
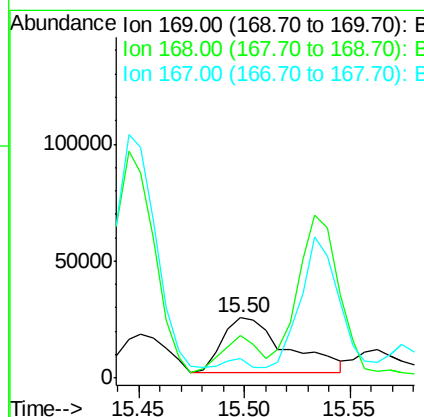
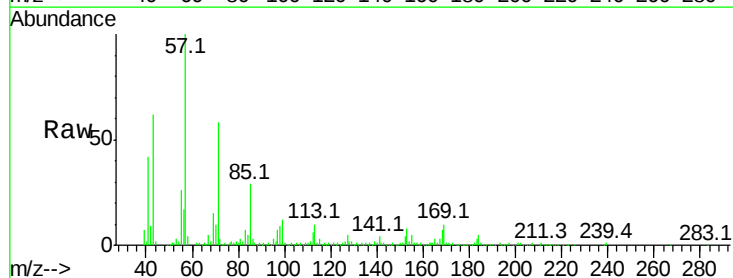
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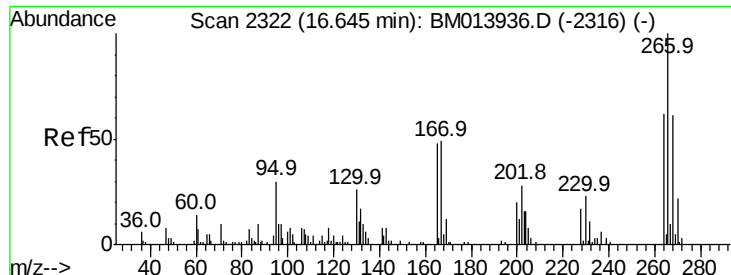
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#64
N-Nitrosodiphenylamine
 Concen: 2.581 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Tgt Ion:169 Resp: 50395
 Ion Ratio Lower Upper
 169 100
 168 71.4 54.0 81.0
 167 31.4 29.1 43.7





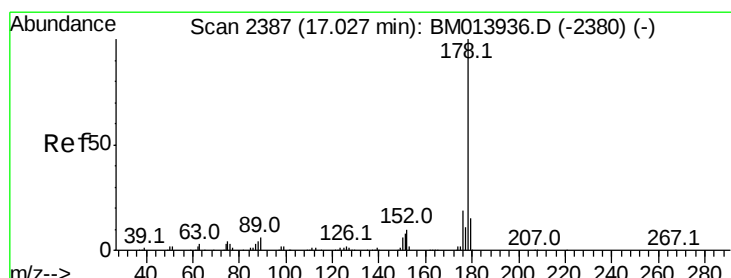
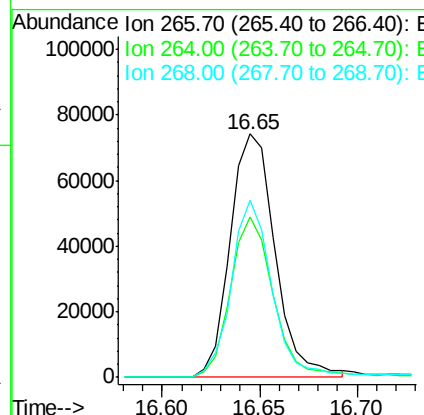
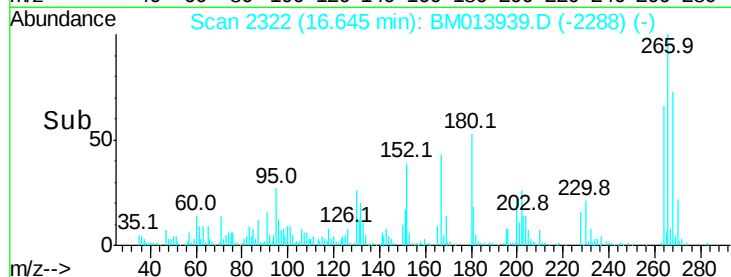
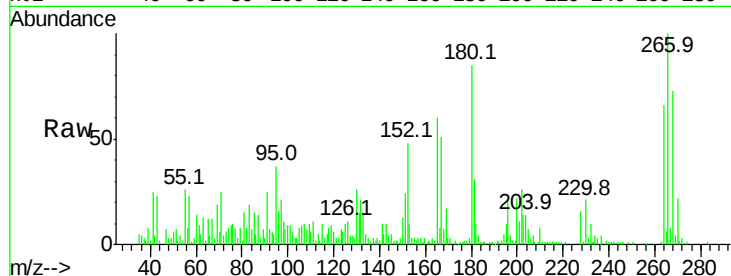
#68
 Pentachlorophenol
 Concen: 26.407 ng/ul
 RT: 16.65 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Instrument :
 BNA_M
 ClientSampled :
 F6B17

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.9	49.3	73.9
268	72.6	52.6	78.8

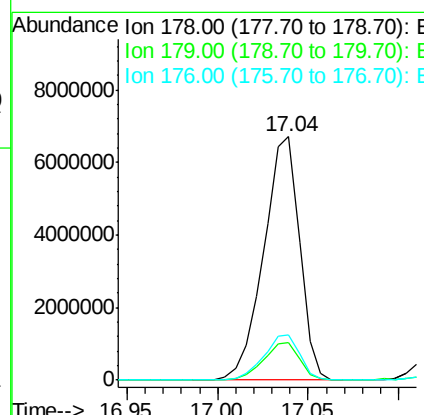
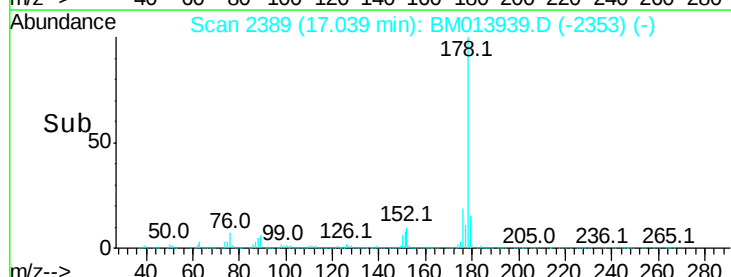
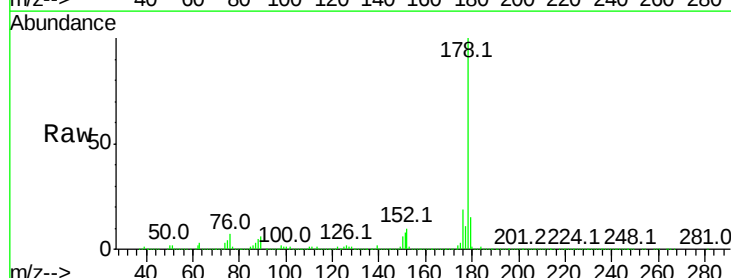
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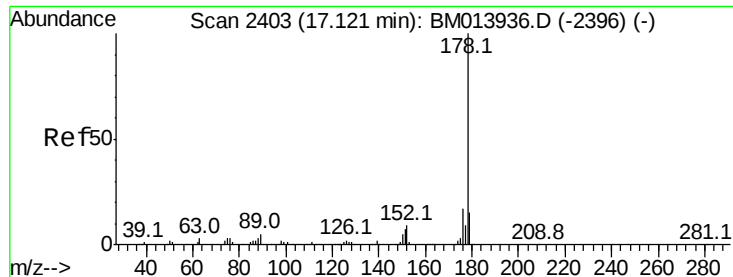
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#69
 Phenanthrene
 Concen: 250.596 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. 0.01 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.7	14.9	22.3





#71

Anthracene

Concen: 31.742 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

Instrument :

BNA_M

ClientSampleId :

F6B17

Tot Ion:178 Resp: 1208215

Ion Ratio Lower Upper

178 100

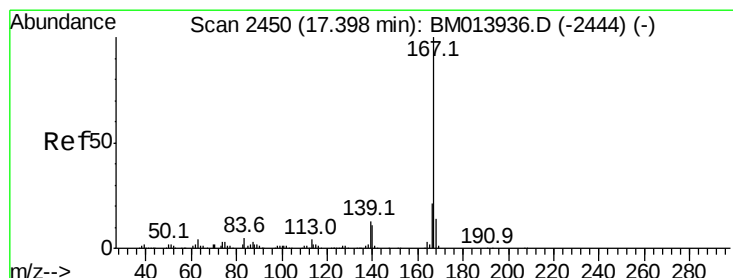
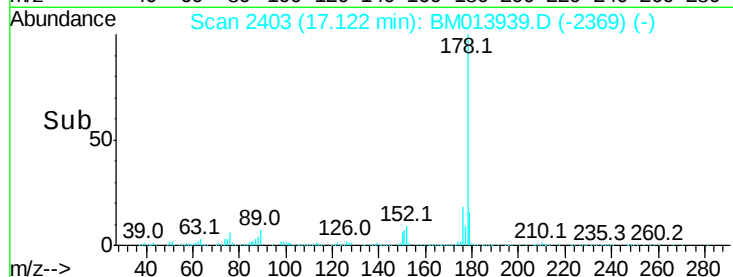
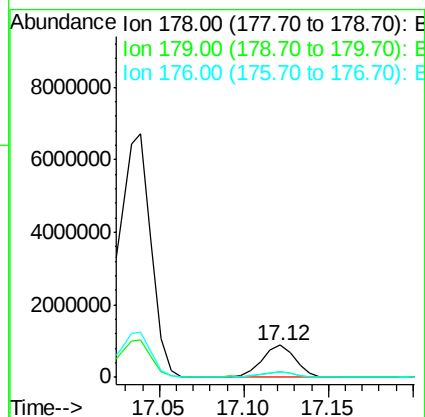
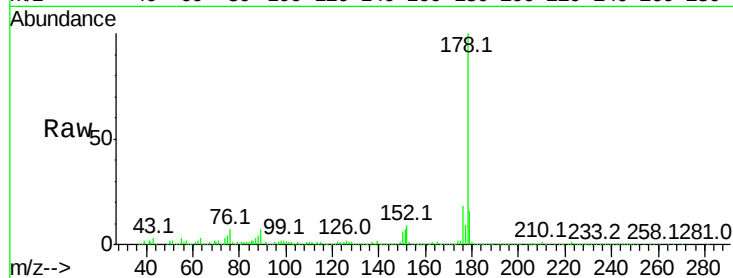
179 15.8 11.7 17.5

176 17.6 14.6 21.8

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#72

Carbazole

Concen: 5.016 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

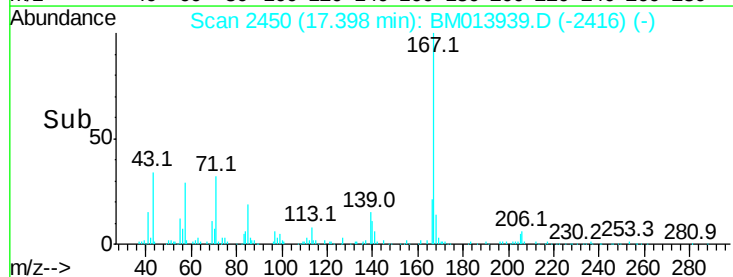
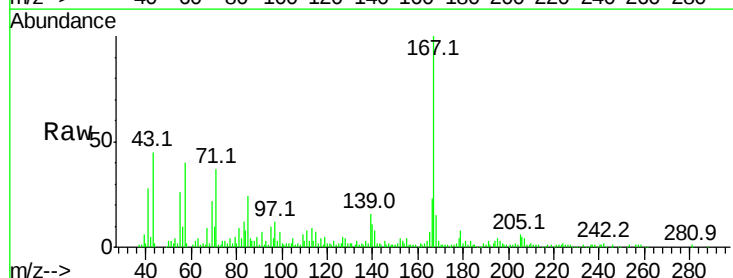
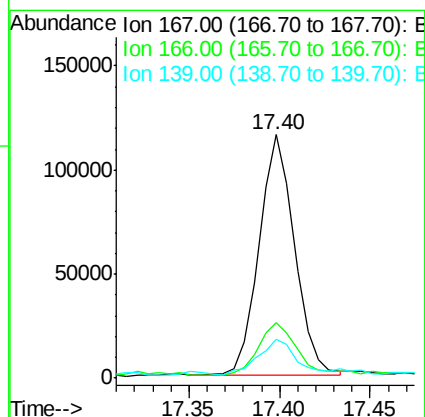
Tgt Ion:167 Resp: 157600

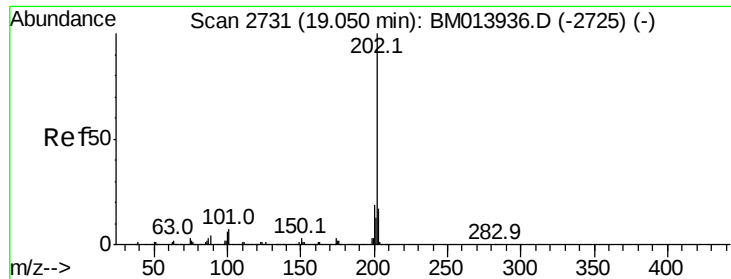
Ion Ratio Lower Upper

167 100

166 22.9 17.1 25.7

139 15.9 10.0 15.0#





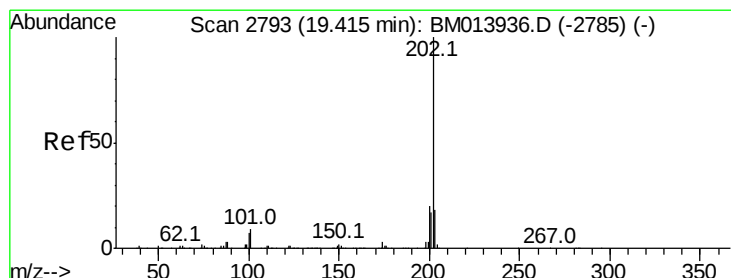
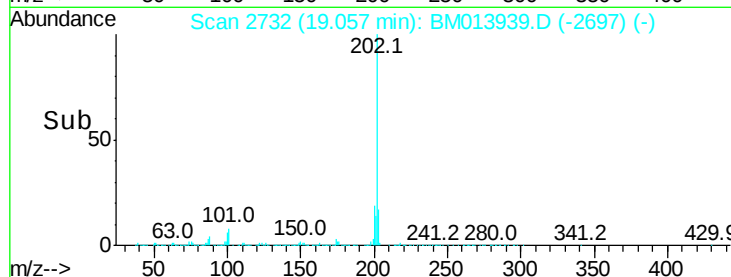
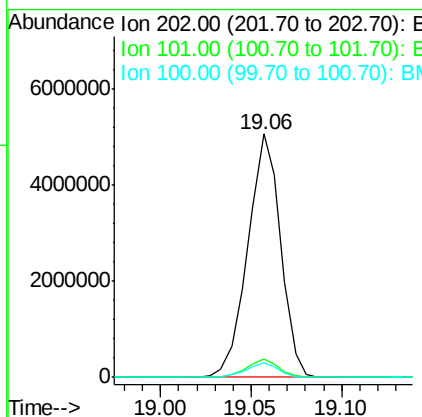
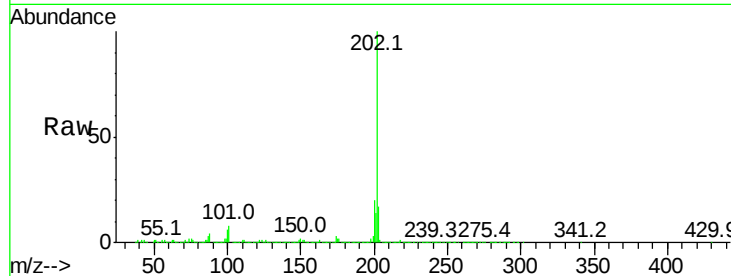
#74
 Fluoranthene
 Concen: 144.197 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Instrument :
 BNA_M
 ClientSampleId :
 F6B17

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	6.1	3.4	5.2#

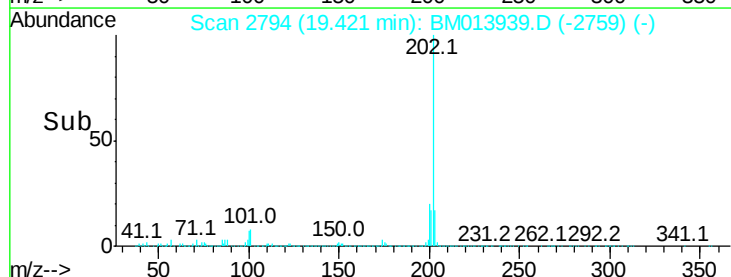
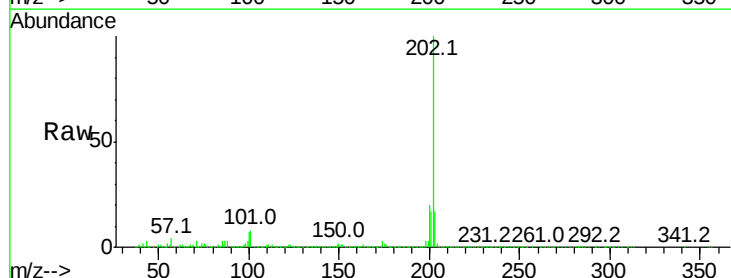
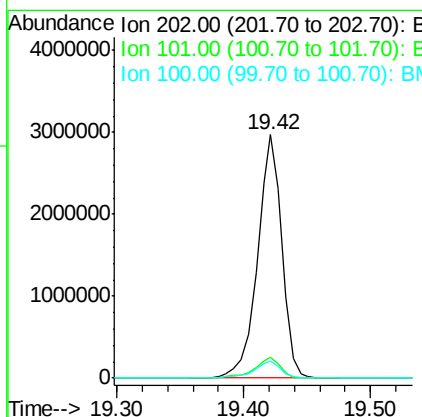
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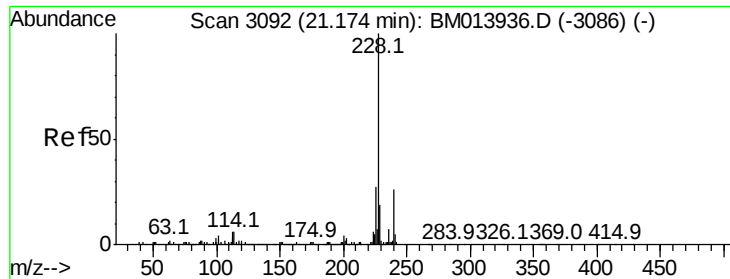
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#77
 Pyrene
 Concen: 90.307 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: BM013939.D
 Acq: 29 Jan 2018 01:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.2	4.9	7.3





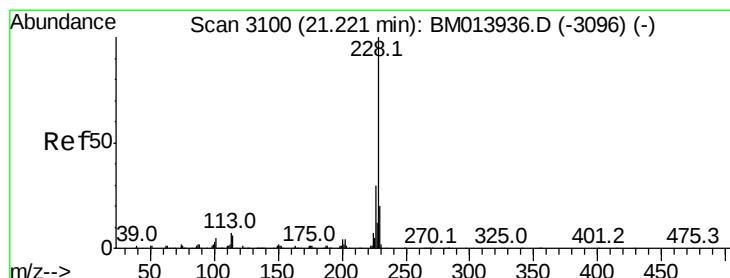
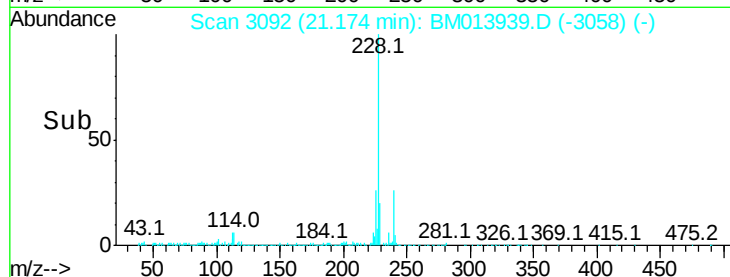
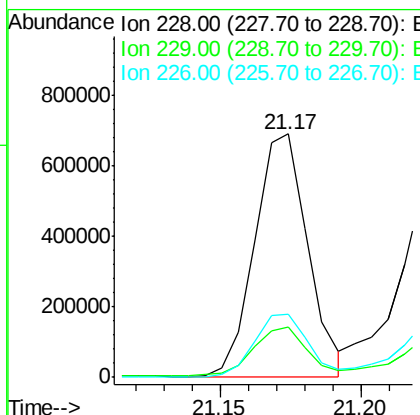
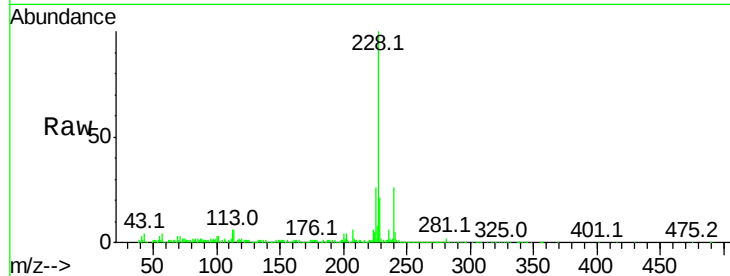
#80
Benzo(a)anthracene
Concen: 20.619 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampled :
F6B17

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	26.1	21.4	32.0

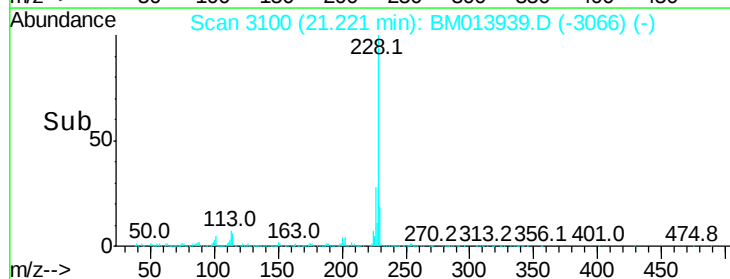
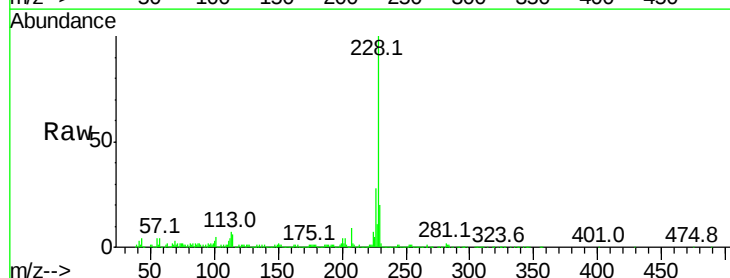
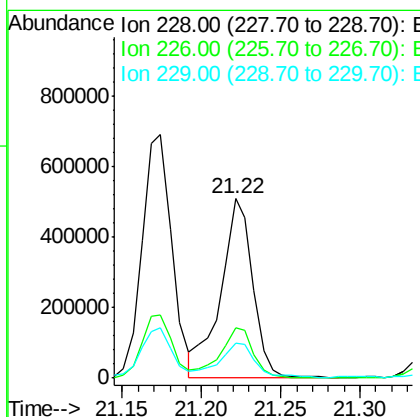
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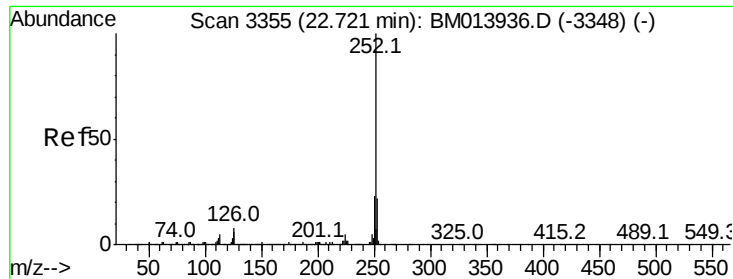
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#82
Chrysene
Concen: 17.720 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.2
229	19.8	15.5	23.3





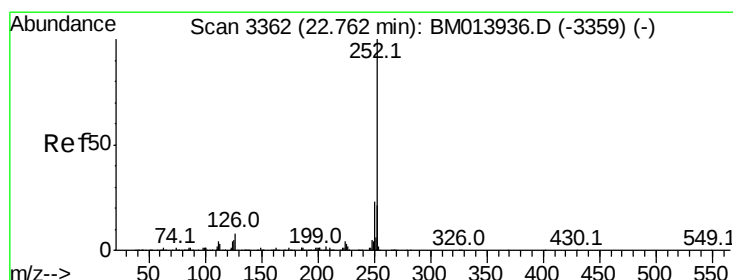
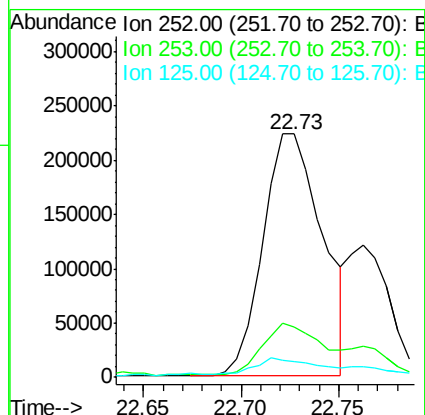
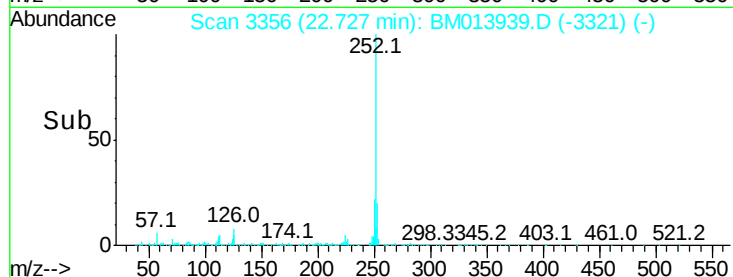
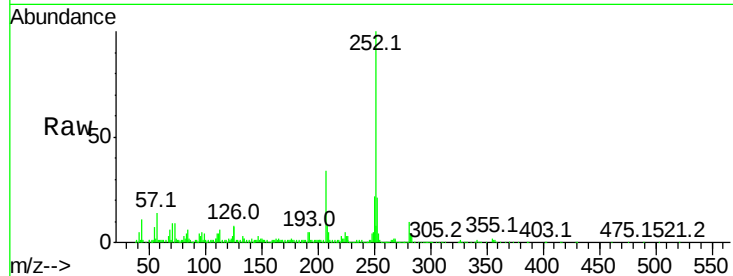
#85
Benzo(b)fluoranthene
Concen: 10.382 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Instrument :
BNA_M
ClientSampleId :
F6B17

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	6.5	3.6	5.4

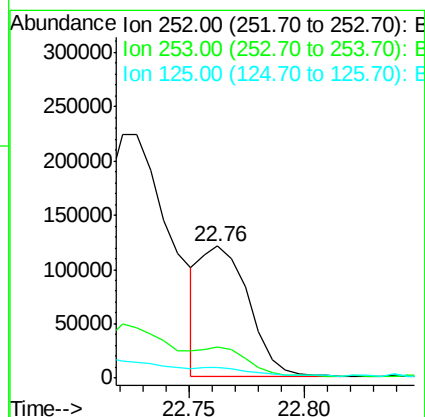
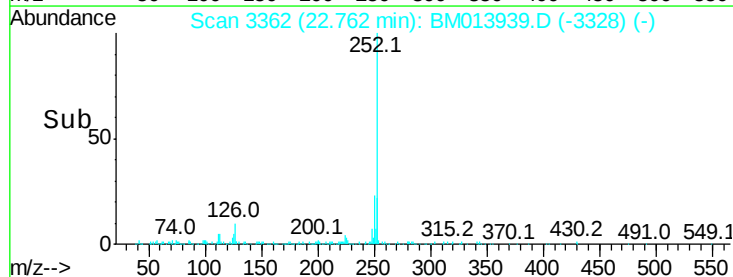
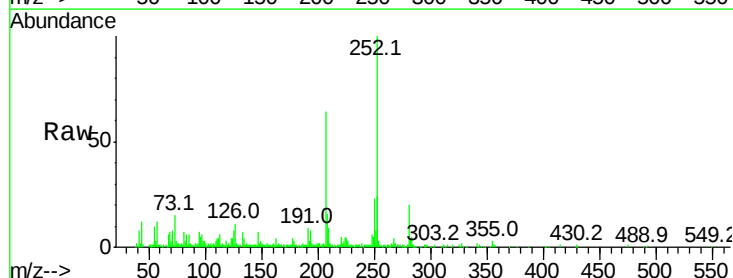
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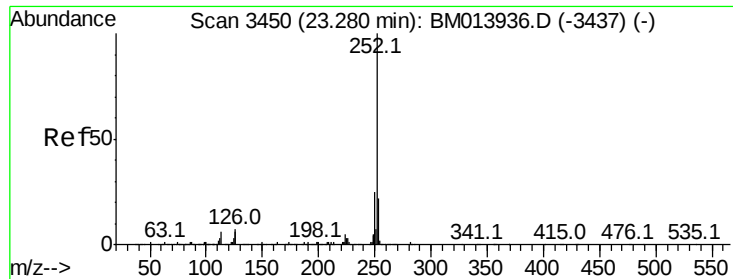
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#86
Benzo(k)fluoranthene
Concen: 3.933 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BM013939.D
Acq: 29 Jan 2018 01:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	7.7	3.4	5.2





#88

Benzo(a)pyrene

Concen: 5.717 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

Instrument :

BNA_M

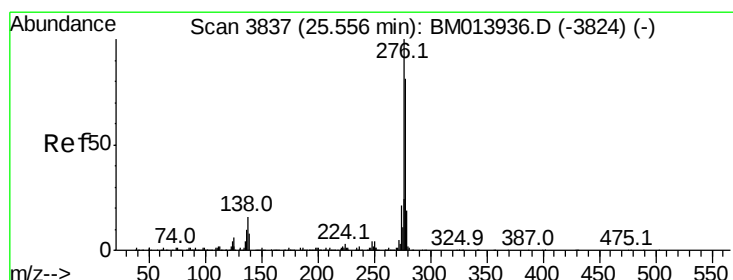
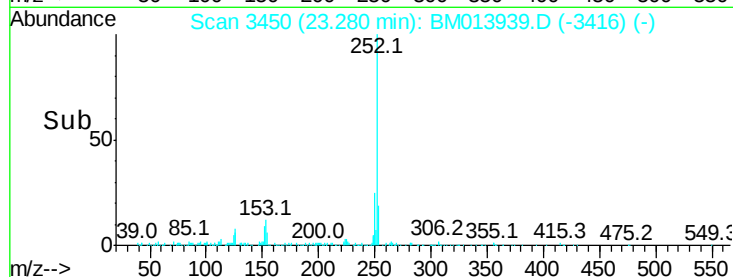
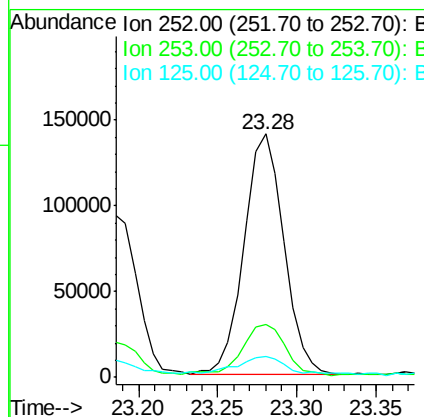
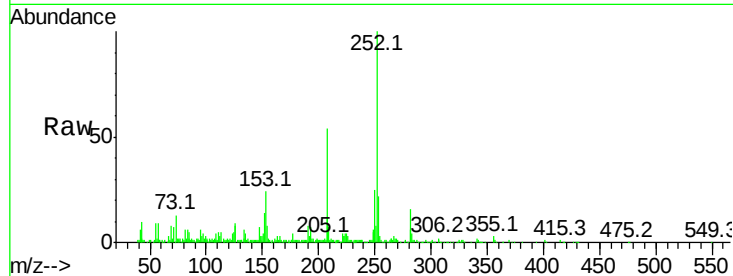
ClientSampleId :

F6B17

Tot Ion:	252	Resp:	245890
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	8.3	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.722 ng/ul

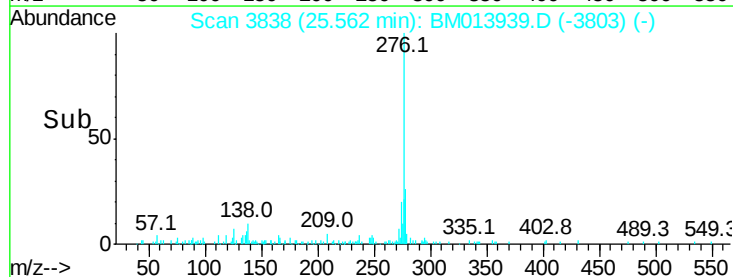
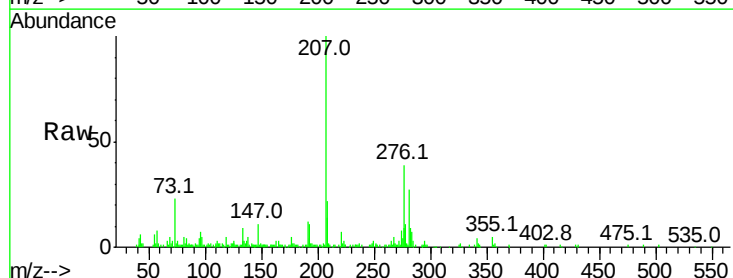
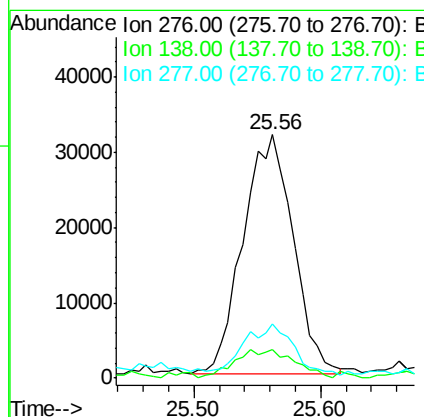
RT: 25.56 min Scan# 3838

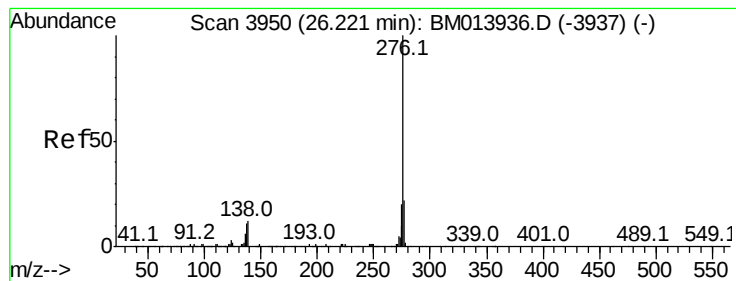
Delta R.T. 0.01 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

Tgt Ion:	276	Resp:	87446
Ion Ratio	Lower	Upper	
276	100		
138	11.6	9.3	13.9
277	22.4	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 1.650 ng/ul

RT: 26.23 min Scan# 3952

Delta R.T. 0.01 min

Lab File: BM013939.D

Acq: 29 Jan 2018 01:14

Instrument :

BNA_M

ClientSampleId :

F6B17

Tot Ion:	276	Resp:	68960
Ion Ratio	Lower	Upper	
276	100		
138	17.6	8.5	12.7#
277	19.9	18.6	28.0

Manual Integrations
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