

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012318\
 Data File : BM013761.D
 Acq On : 24 Jan 2018 09:58
 Operator : SJ/JU
 Sample : J1222-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A83

Manual Integrations
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Sohil
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Quant Time: Jan 25 03:48:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 08:36:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	203336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	776542	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	549958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	846411	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	891141	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	897376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	9550	1.86	ng/uL	0.00
5) Phenol-d5	6.80	99	248001	15.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	148385	15.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	209810	16.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	213235	17.77	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	103268	17.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	118708	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	209487	17.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	199058	18.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	616895	13.61	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	756726	13.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	82743	11.23	ng/ul	0.00
57) Fluorene-d10	15.26	176	507805	12.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	56984	11.18	ng/ul	0.00
70) Anthracene-d10	17.11	188	764892	18.55	ng/ul	0.00
76) Pyrene-d10	19.41	212	831810	20.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	805492	19.53	ng/ul	0.00
Target Compounds						
6) Phenol	6.82	94	64402	4.113	ng/ul#	85
28) Naphthalene	10.43	128	401655	10.397	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	1130509	39.249	ng/ul	95
40) 1,1'-Biphenyl	13.08	154	154205	3.369	ng/ul	98
44) Dimethylphthalate	13.72	163	126134	2.830	ng/ul	98
49) Acenaphthene	14.32	153	246618	6.733	ng/ul	98
53) Dibenzofuran	14.66	168	247054m	4.484	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	14.89	232	103673	8.980	ng/ul#	79
58) Fluorene	15.31	166	264421	5.858	ng/ul#	92
68) Pentachlorophenol	16.67	266	1537084	268.804	ng/ul	98
69) Phenanthrene	17.06	178	985031	20.936	ng/ul	100
71) Anthracene	17.14	178	163843m	3.376	ng/ul	
74) Fluoranthene	19.07	202	334276	5.952	ng/ul#	95
77) Pyrene	19.44	202	284346	5.249	ng/ul#	89

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

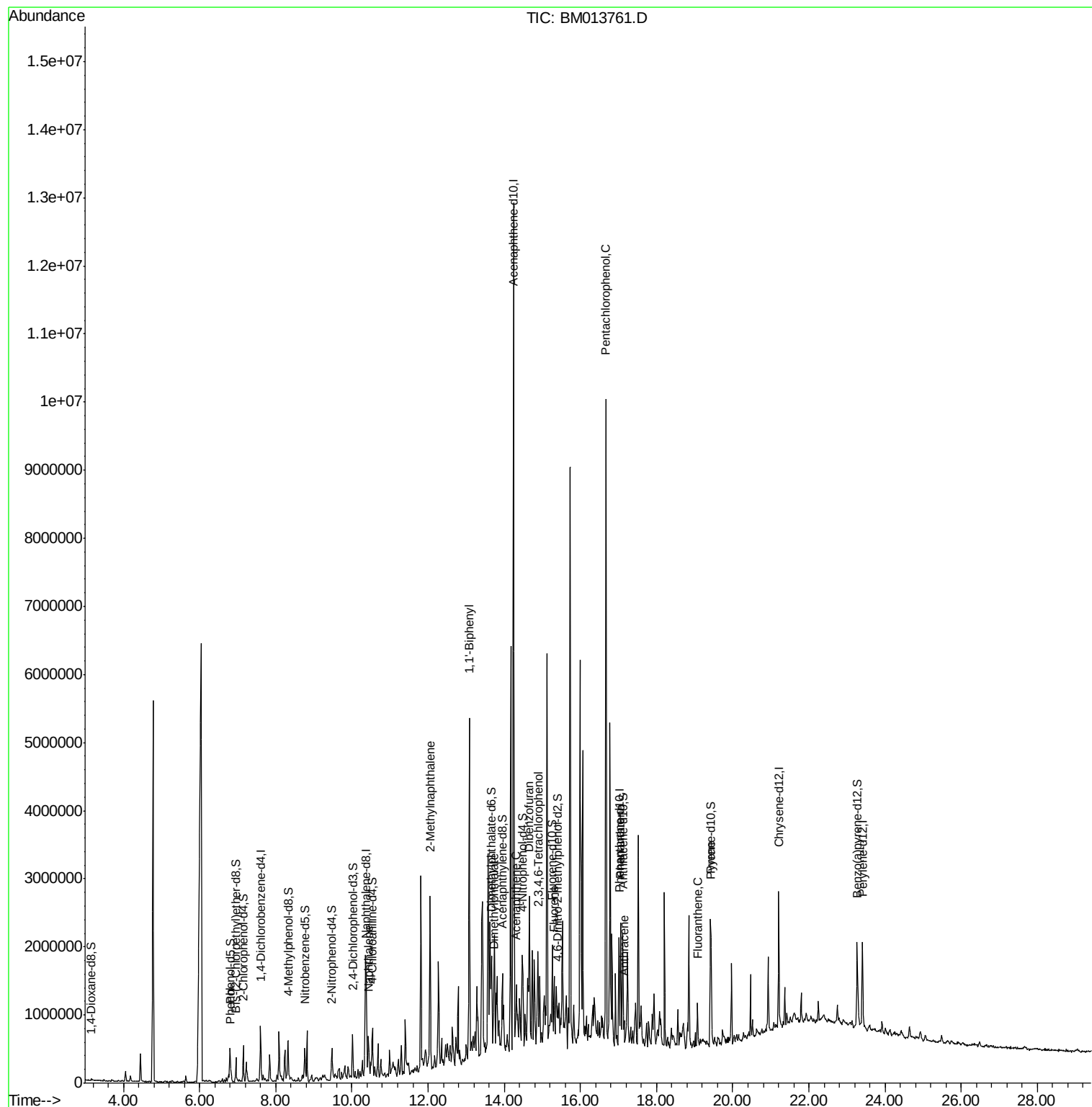
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012318\
Data File : BM013761.D
Acq On : 24 Jan 2018 09:58
Operator : SJ/JU
Sample : J1222-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

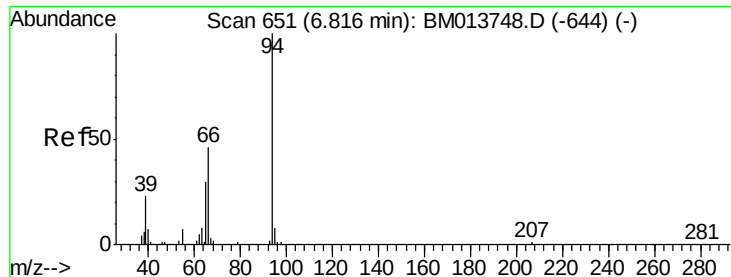
Instrument :
BNA_M
ClientSampleId :
F6A83

Quant Time: Jan 25 03:48:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 24 08:36:53 2018
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#6

Phenol

Concen: 4.113 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Instrument :

BNA_M

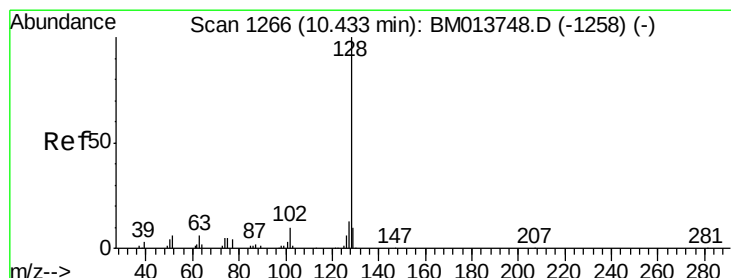
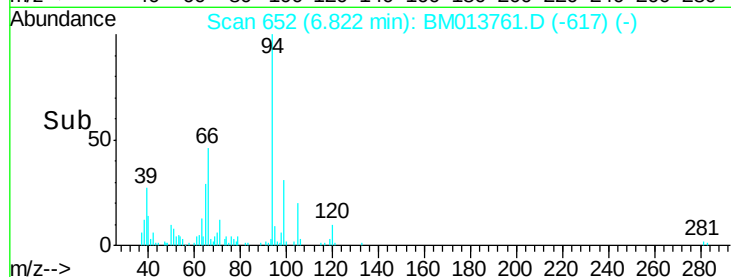
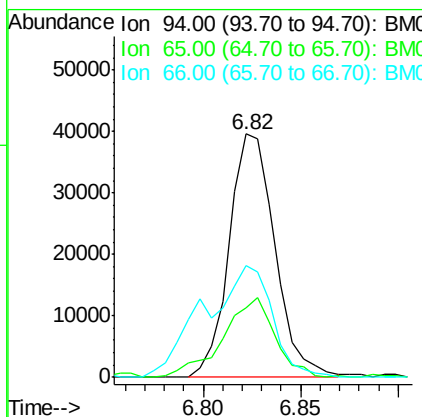
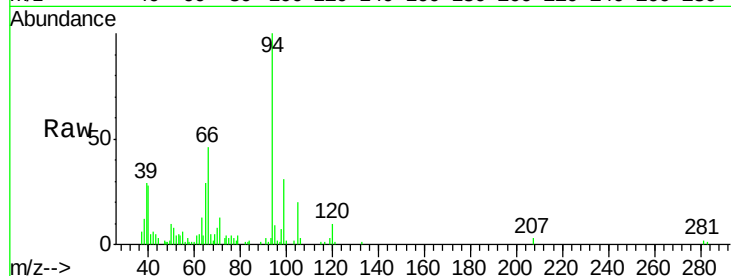
ClientSampled :

F6A83

Tot Ion:	94	Resp:	64402
Ion Ratio	Lower	Upper	
94	100		
65	28.8	28.2	42.4
66	46.1	47.2	70.8#

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#28

Naphthalene

Concen: 10.397 ng/ul

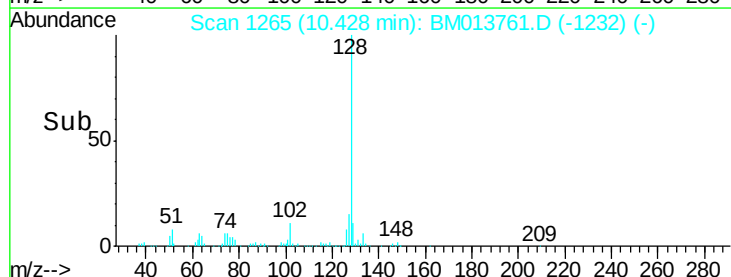
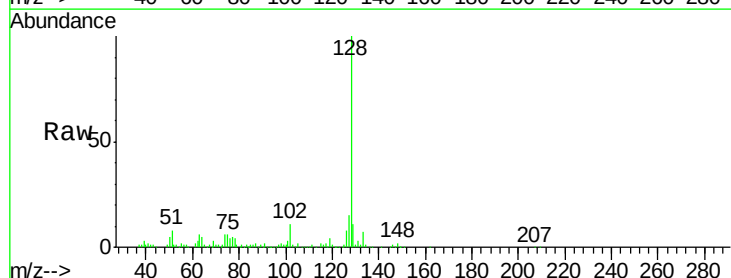
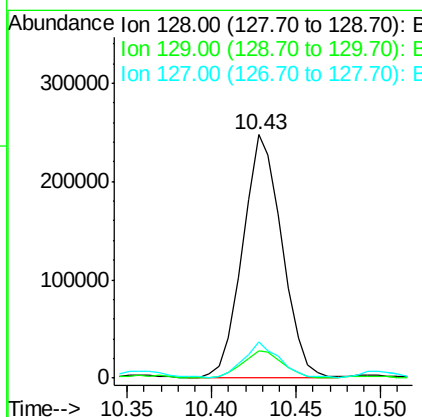
RT: 10.43 min Scan# 1265

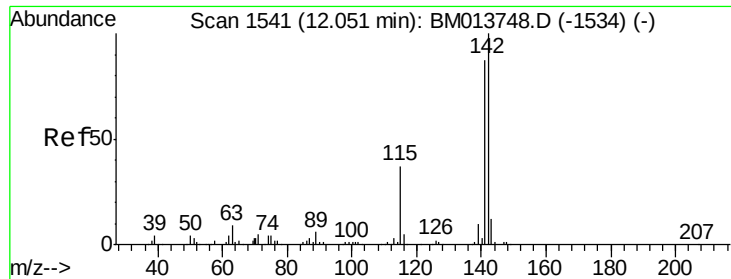
Delta R.T. -0.01 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Tgt Ion:	128	Resp:	401655
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	14.9	10.6	16.0





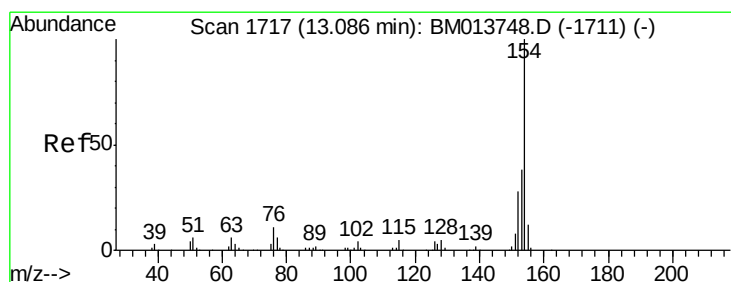
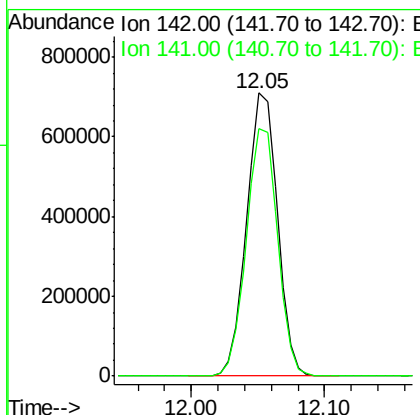
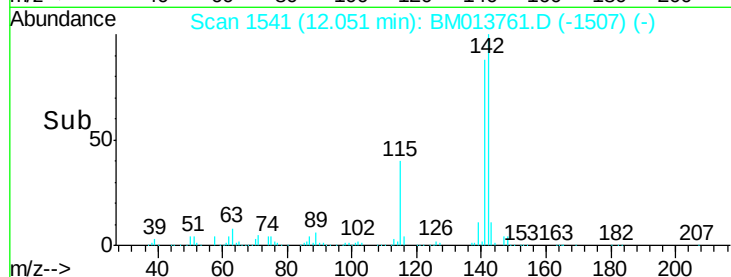
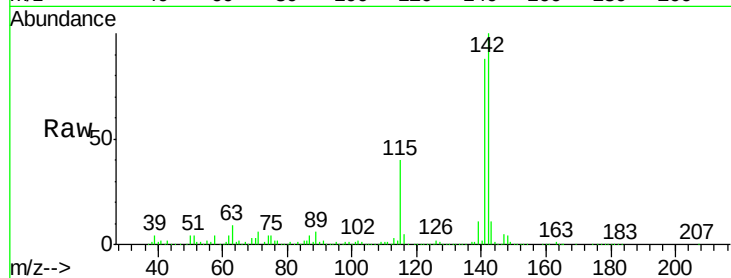
#34
 2-Methylnaphthalene
 Concen: 39.249 ng/ul
 RT: 12.05 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BM013761.D
 Acq: 24 Jan 2018 09:58

Instrument :
 BNA_M
 ClientSampleId :
 F6A83

Tot Ion:142 Resp: 1130509
 Ion Ratio Lower Upper
 142 100
 141 87.7 74.1 111.1

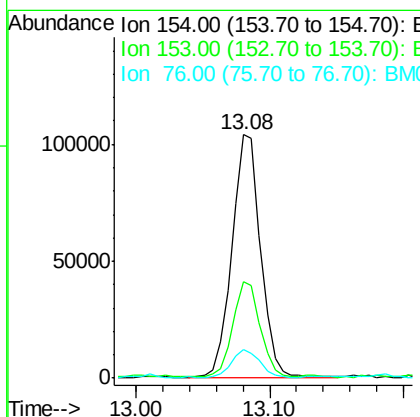
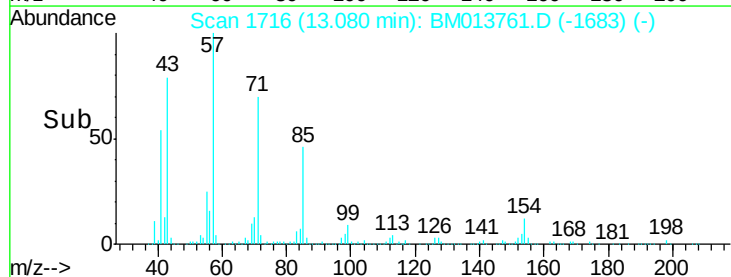
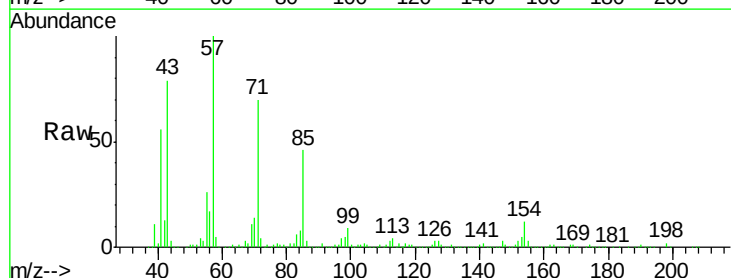
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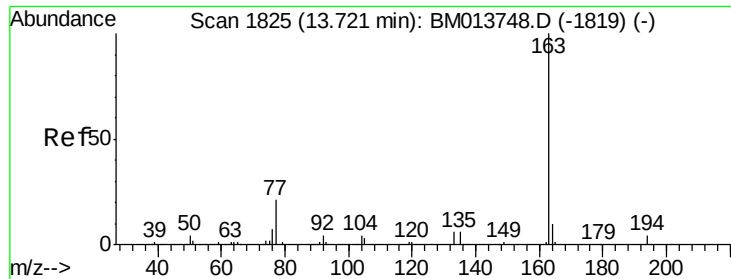
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#40
 1,1'-Biphenyl
 Concen: 3.369 ng/ul
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM013761.D
 Acq: 24 Jan 2018 09:58

Tgt Ion:154 Resp: 154205
 Ion Ratio Lower Upper
 154 100
 153 39.8 32.6 48.8
 76 11.9 8.5 12.7





#44

Dimethylphthalate

Concen: 2.830 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Instrument :

BNA_M

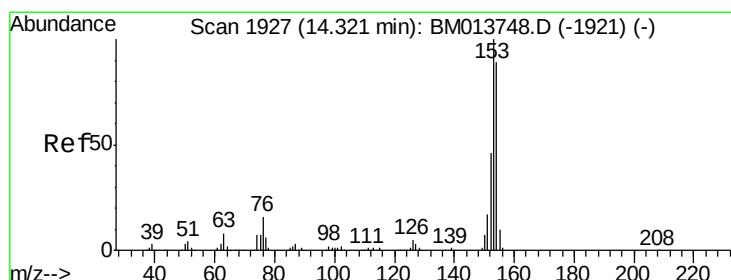
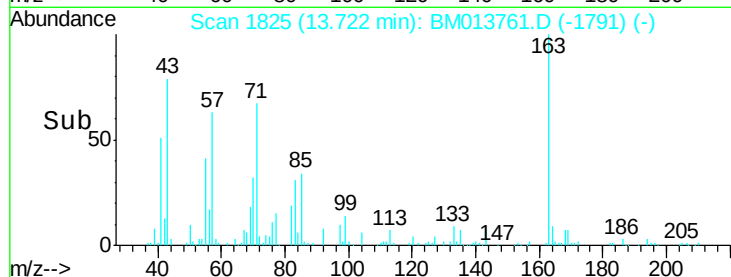
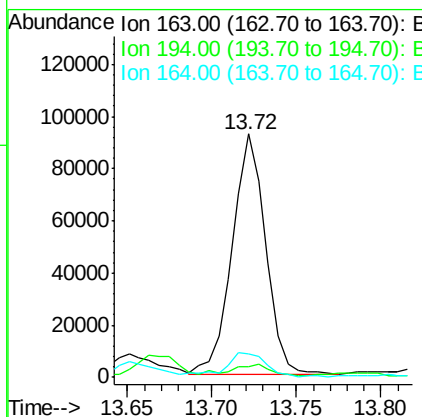
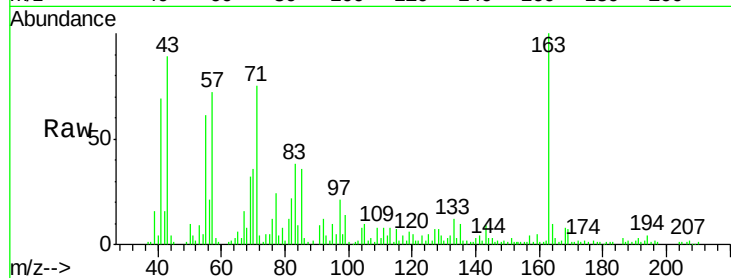
ClientSampleId :

F6A83

Tot Ion:	163	Resp:	126134
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	9.5	8.2	12.4

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#49

Acenaphthene

Concen: 6.733 ng/ul

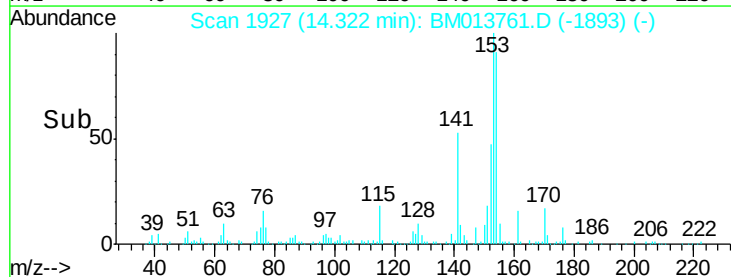
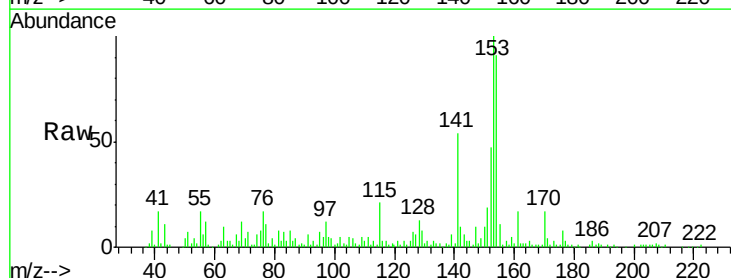
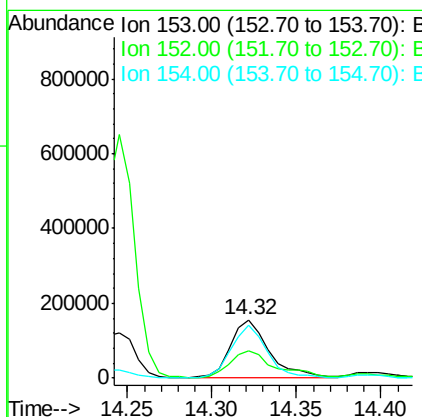
RT: 14.32 min Scan# 1927

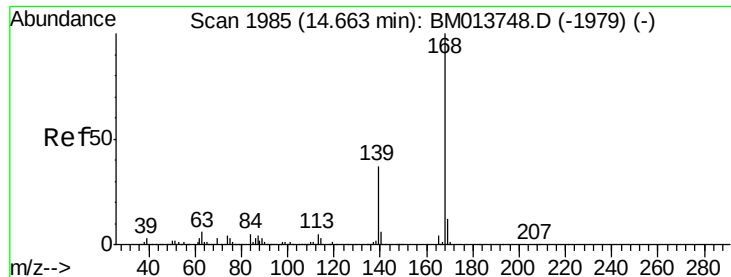
Delta R.T. 0.00 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Tgt Ion:	153	Resp:	246618
Ion Ratio	Lower	Upper	
153	100		
152	47.2	37.6	56.4
154	91.2	70.4	105.6





#53

Dibenzofuran

Concen: 4.484 ng/ul m

RT: 14.66 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Instrument :

BNA_M

ClientSampleId :

F6A83

Tot Ion:168 Resp: 247054

Ion Ratio Lower Upper

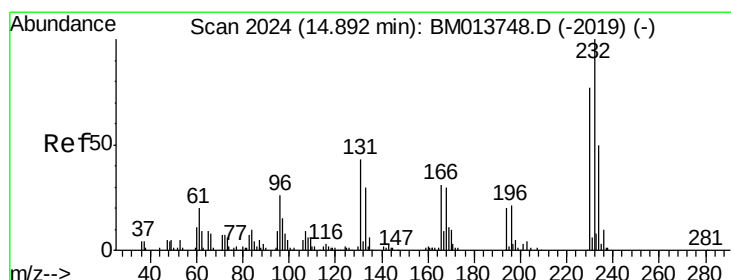
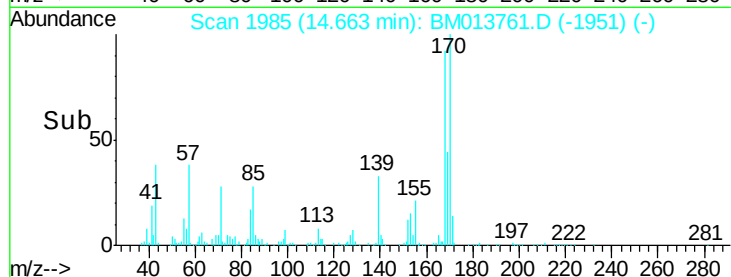
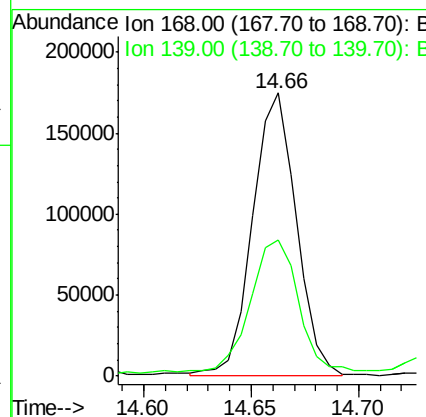
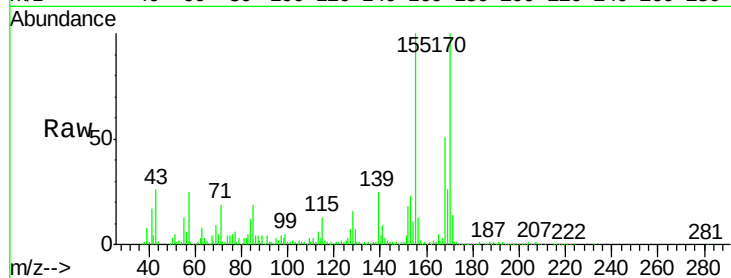
168 100

139 48.1 30.8 46.2#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 8.980 ng/ul

RT: 14.89 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Tgt Ion:232 Resp: 103673

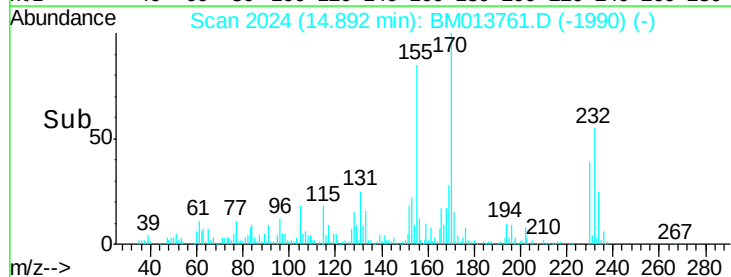
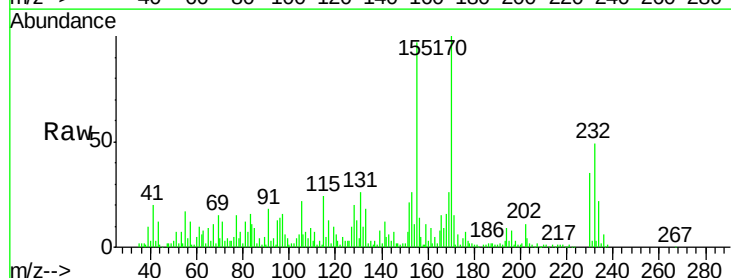
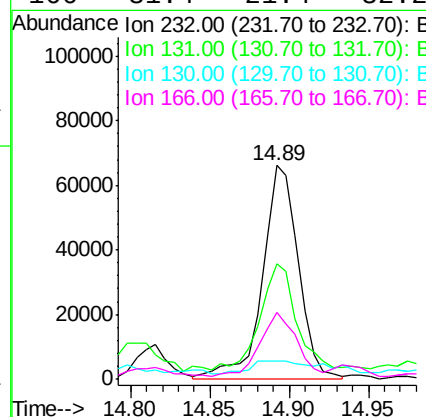
Ion Ratio Lower Upper

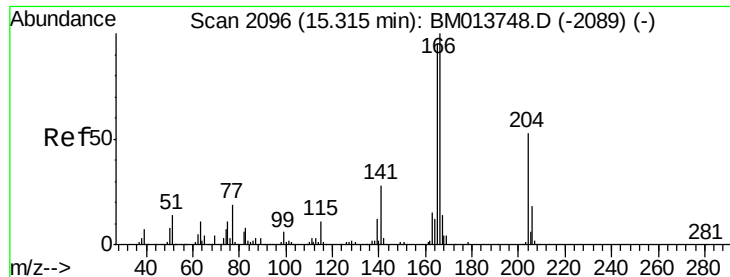
232 100

131 53.7 29.0 43.4#

130 8.3 2.0 3.0#

166 31.4 21.4 32.2





#58

Fluorene

Concen: 5.858 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Instrument :

BNA_M

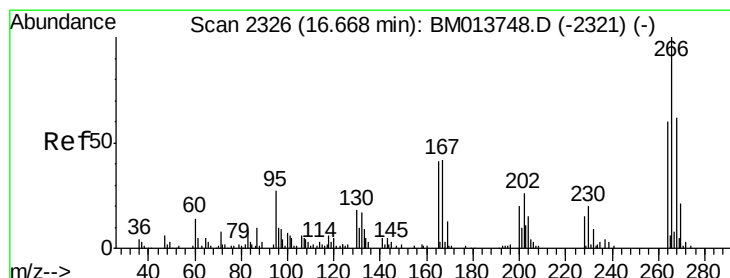
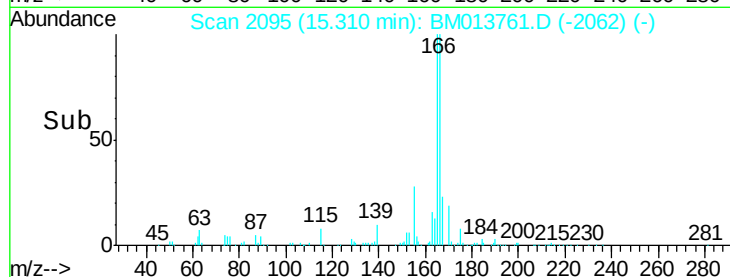
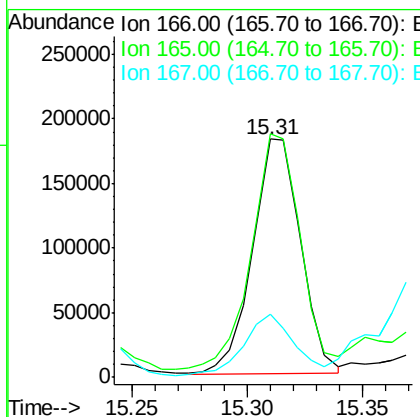
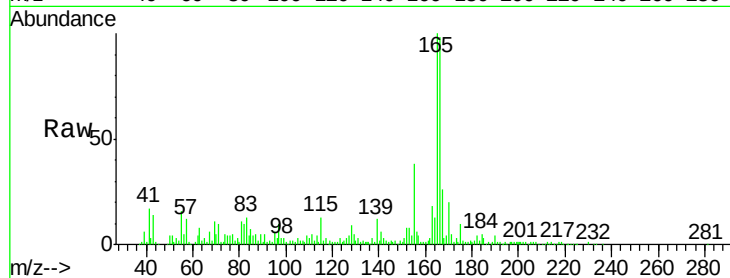
ClientSampled :

F6A83

Tot Ion:	166	Resp:	264421
Ion Ratio	Lower	Upper	
166	100		
165	102.2	77.9	116.9
167	26.6	10.6	16.0#

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#68

Pentachlorophenol

Concen: 268.804 ng/ul

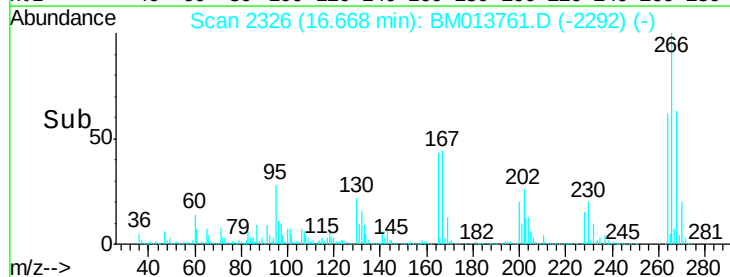
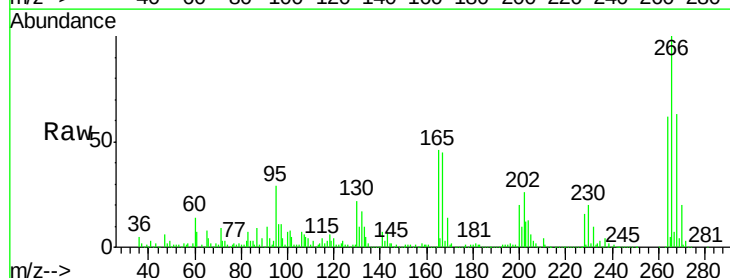
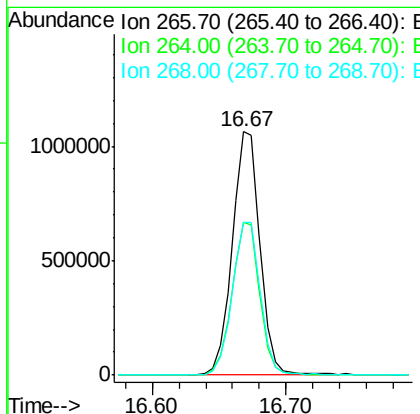
RT: 16.67 min Scan# 2326

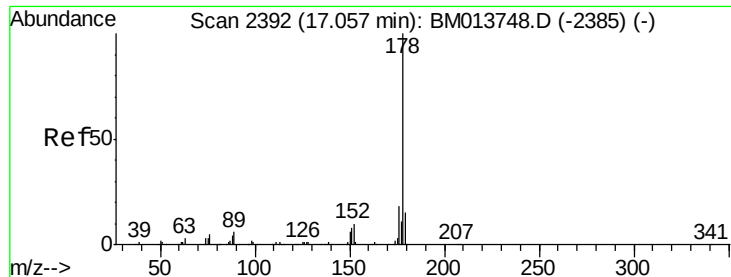
Delta R.T. 0.00 min

Lab File: BM013761.D

Acq: 24 Jan 2018 09:58

Tgt Ion:	266	Resp:	1537084
Ion Ratio	Lower	Upper	
266	100		
264	62.5	49.3	73.9
268	62.7	52.6	78.8





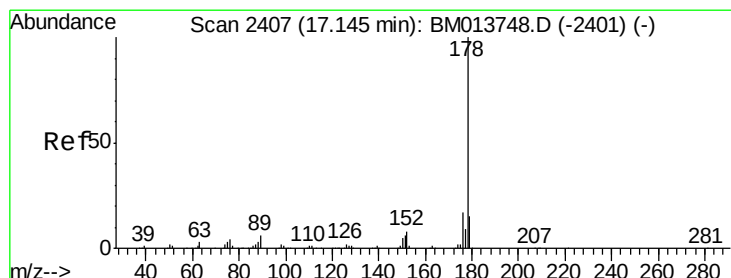
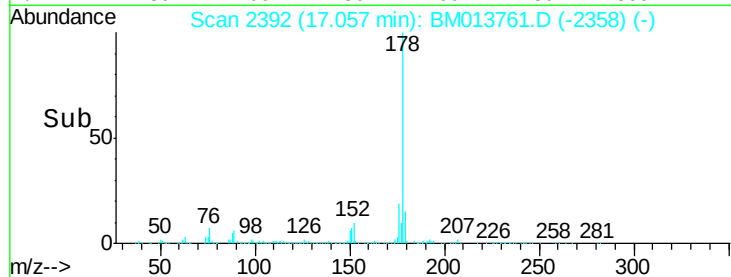
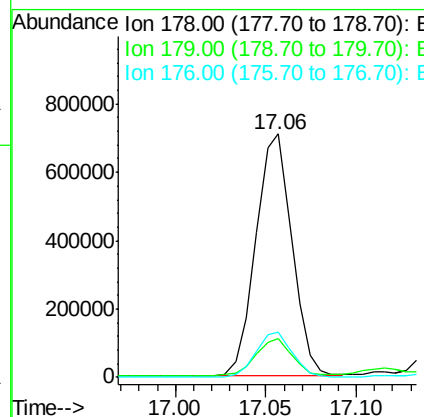
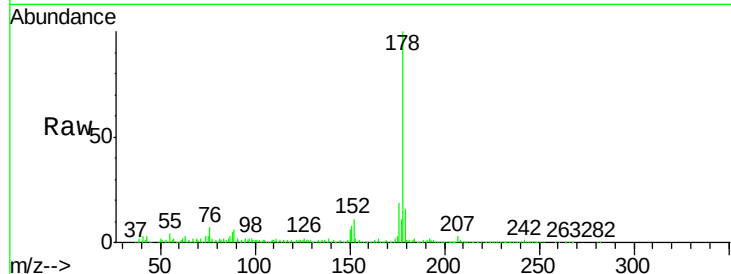
#69
 Phenanthrene
 Concen: 20.936 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BM013761.D
 Acq: 24 Jan 2018 09:58

Instrument :
 BNA_M
 ClientSampleID :
 F6A83

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	18.8	14.9	22.3

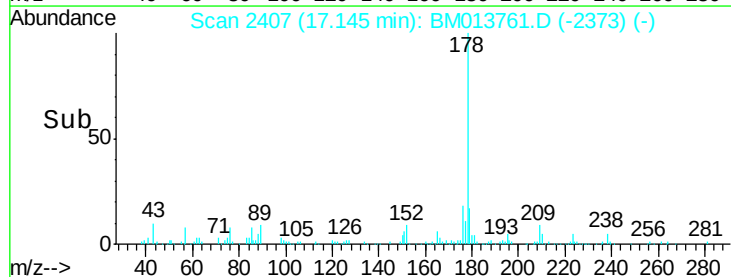
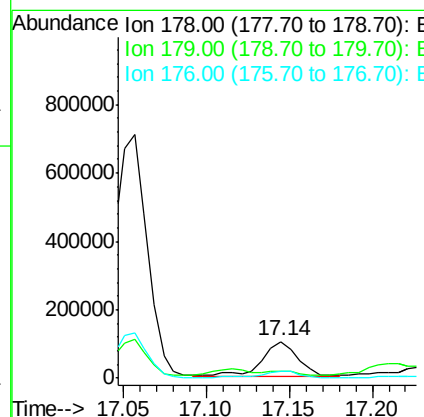
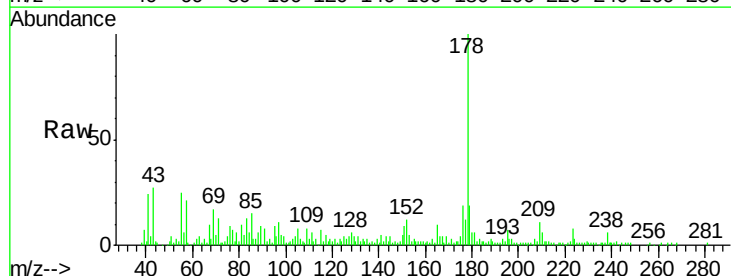
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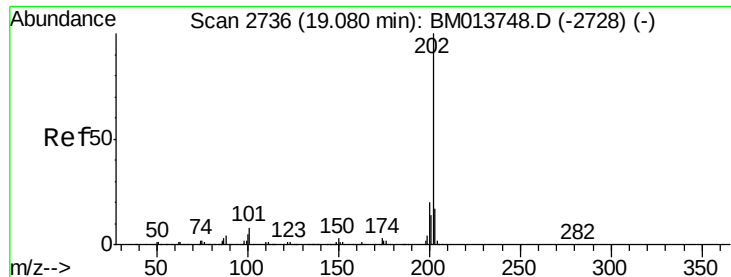
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#71
 Anthracene
 Concen: 3.376 ng/ul m
 RT: 17.14 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM013761.D
 Acq: 24 Jan 2018 09:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	11.7	17.5#
176	19.1	14.6	21.8





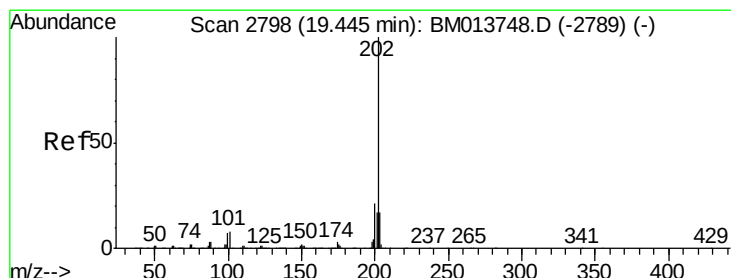
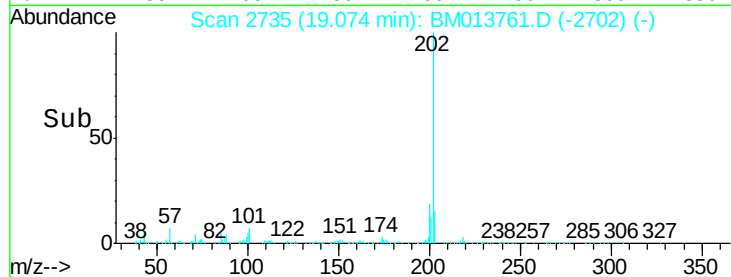
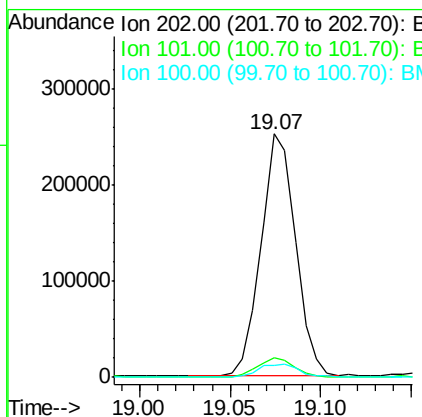
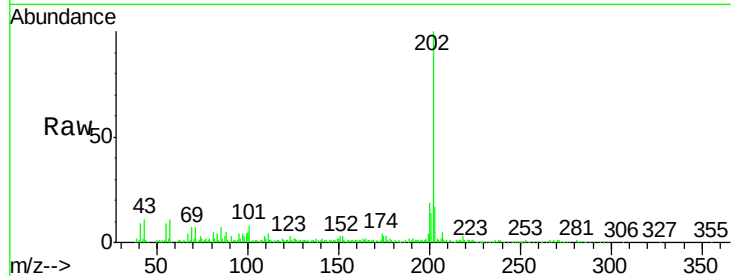
#74
Fluoranthene
Concen: 5.952 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM013761.D
Acq: 24 Jan 2018 09:58

Instrument :
BNA_M
ClientSampleId :
F6A83

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	5.0	3.4	5.2

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#77
Pyrene
Concen: 5.249 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM013761.D
Acq: 24 Jan 2018 09:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	10.4	4.9	7.3#

