

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013464.D
 Acq On : 16 Dec 2017 06:26
 Operator : SJ/JU
 Sample : I6775-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A09

Manual Integrations
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Sohil
 12/18/2017 2:09:50 PM

Quant Time: Dec 18 00:50:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	275208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1215655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	713964	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1517698	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1142596	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	961509	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15619	2.81	ng/uL	0.00
5) Phenol-d5	6.85	99	361237	15.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	229390	16.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	305916	16.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	297859	14.64	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	167965	17.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	182720	17.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	322384	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	358585	18.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1118321	17.60	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1302491	16.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	126985	11.50	ng/ul	0.00
57) Fluorene-d10	15.32	176	900036	16.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	120580	12.63	ng/ul	0.00
70) Anthracene-d10	17.16	188	1323914	17.42	ng/ul	0.00
76) Pyrene-d10	19.46	212	1267844	22.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	828722	16.92	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.88	94	54858	2.331	ng/ul#	84
40) 1,1'-Biphenyl	13.15	154	145418	2.410	ng/ul	94
44) Dimethylphthalate	13.78	163	221811	3.650	ng/ul	98
47) Acenaphthylene	14.03	152	112384	1.549	ng/ul#	91
49) Acenaphthene	14.38	153	787037	15.924	ng/ul	97
53) Dibenzofuran	14.72	168	695588	9.533	ng/ul	98
58) Fluorene	15.37	166	493526	8.176	ng/ul	96
68) Pentachlorophenol	16.72	266	37704	3.313	ng/ul	96
69) Phenanthrene	17.11	178	1917254	22.236	ng/ul	99
71) Anthracene	17.20	178	585427	6.642	ng/ul	99
74) Fluoranthene	19.13	202	2103655	19.909	ng/ul#	90
77) Pyrene	19.49	202	1491998	21.494	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	478141	6.596	ng/ul	99
82) Chrysene	21.29	228	543871	8.086	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	759729	11.721	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	212520m	3.484	ng/ul	
88) Benzo(a)pyrene	23.38	252	304389	5.228	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.70	276	242019	4.189	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.70	278	67445m	1.371	ng/ul	
91) Benzo(g,h,i)perylene	26.39	276	181270	3.978	ng/ul#	95

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

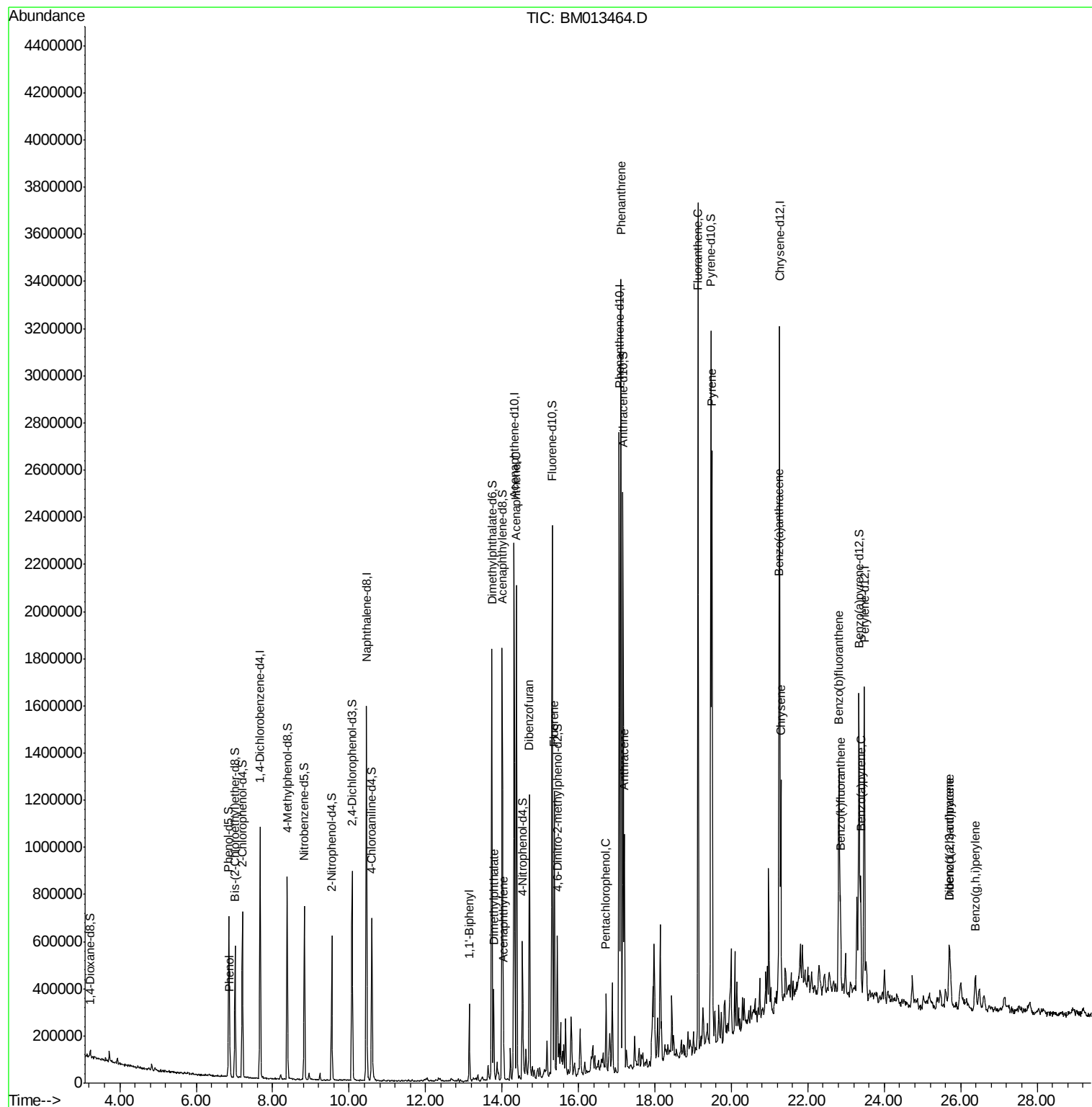
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013464.D
Acq On : 16 Dec 2017 06:26
Operator : SJ/JU
Sample : I6775-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

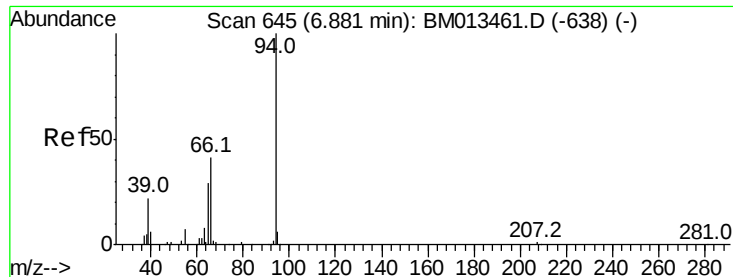
Instrument :
BNA_M
ClientSampled :
F9A09

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12/18/2017 2:09:50 PM

Quant Time: Dec 18 00:50:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration





#6

Phenol

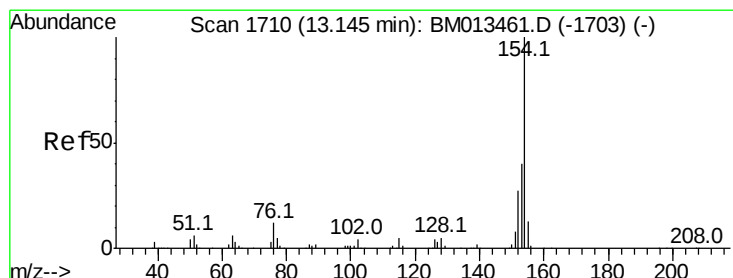
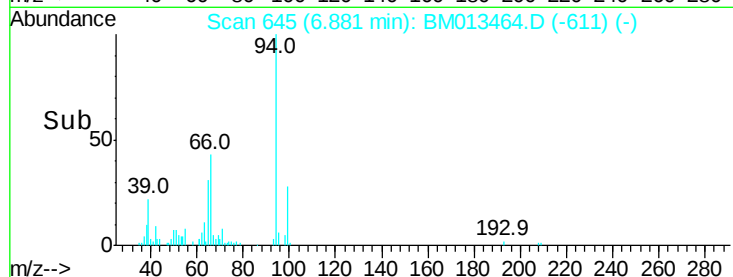
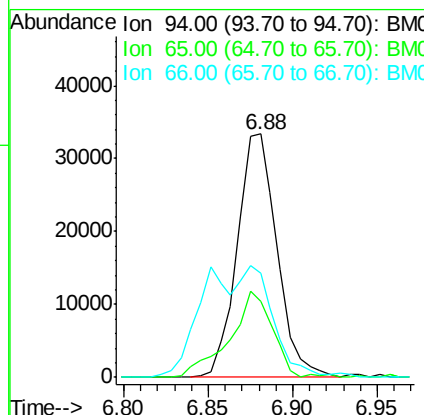
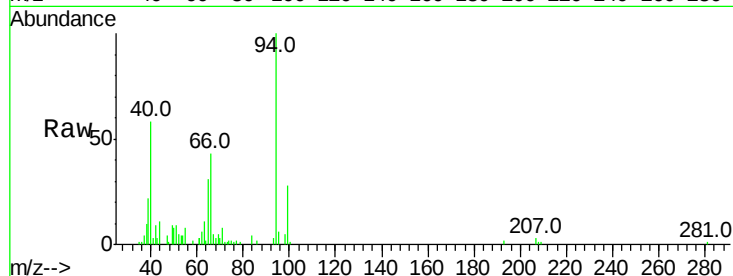
Concen: 2.331 ng/ul
 RT: 6.88 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BM013464.D
 Acq: 16 Dec 2017 06:26

Instrument :
 BNA_M
 ClientSampled :
 F9A09

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.3	28.2	42.4
66	42.5	47.2	70.8

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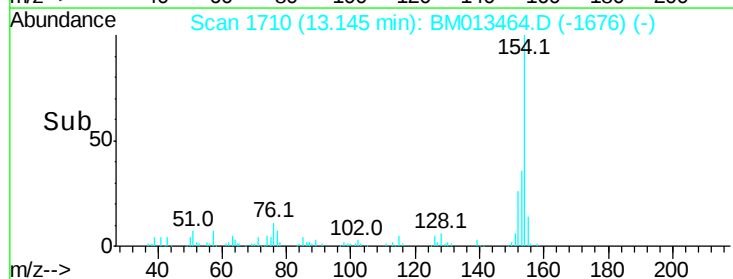
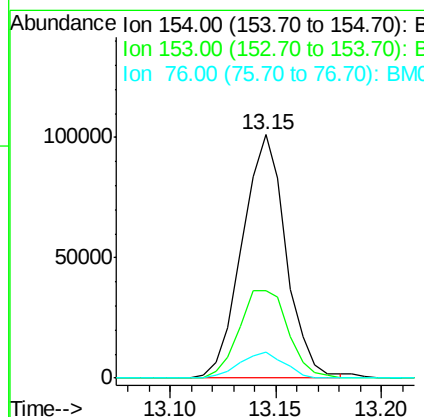
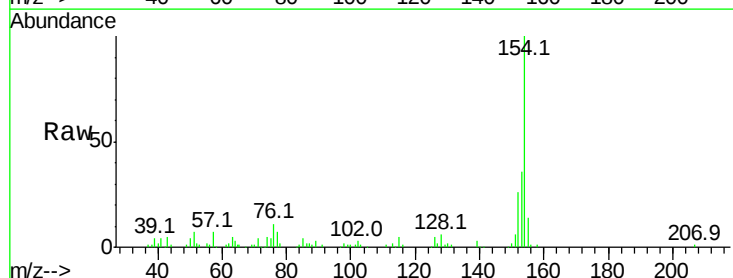


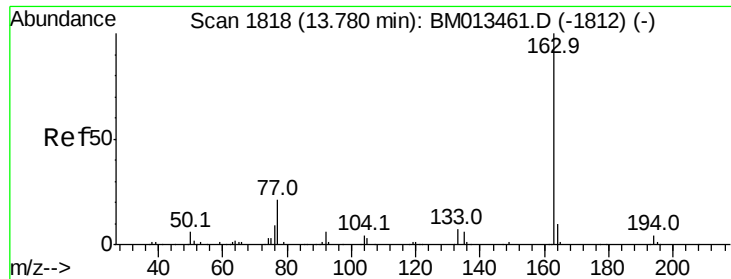
#40

1,1'-Biphenyl

Concen: 2.410 ng/ul
 RT: 13.15 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BM013464.D
 Acq: 16 Dec 2017 06:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	35.8	32.6	48.8
76	10.6	8.5	12.7





#44

Dimethylphthalate

Concen: 3.650 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Instrument :

BNA_M

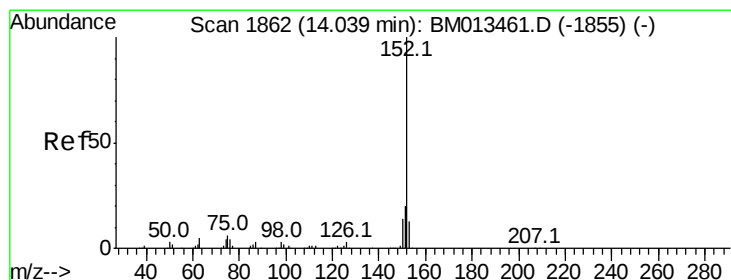
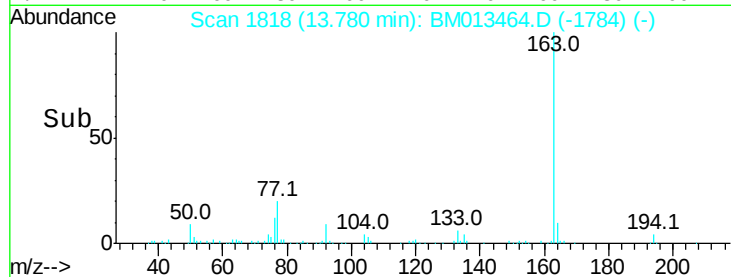
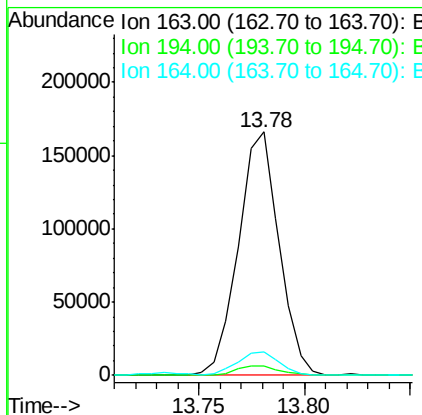
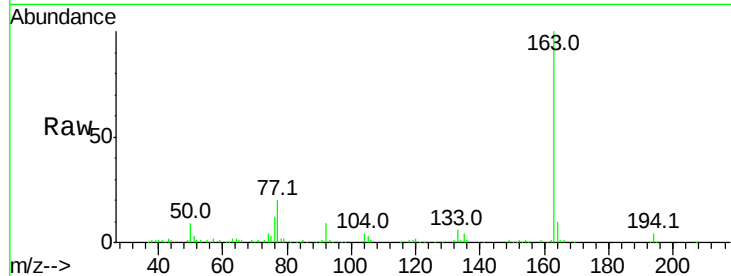
ClientSampled :

F9A09

Tot Ion:	163	Resp:	221811
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.6	8.2	12.4

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#47

Acenaphthylene

Concen: 1.549 ng/ul

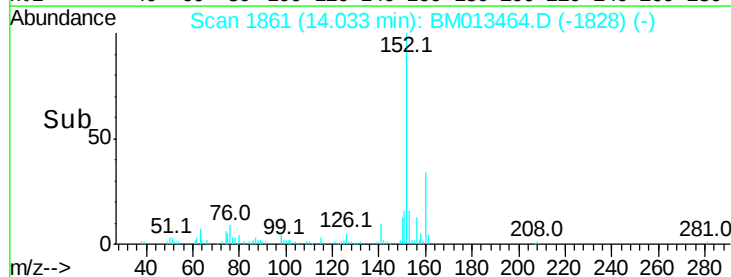
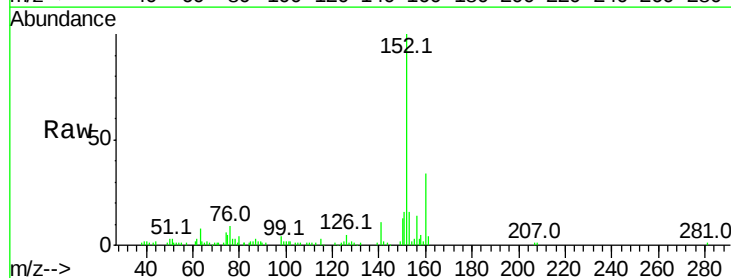
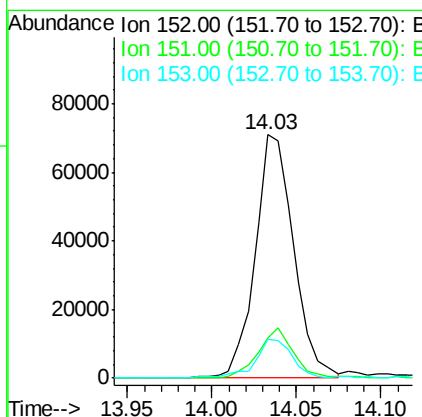
RT: 14.03 min Scan# 1861

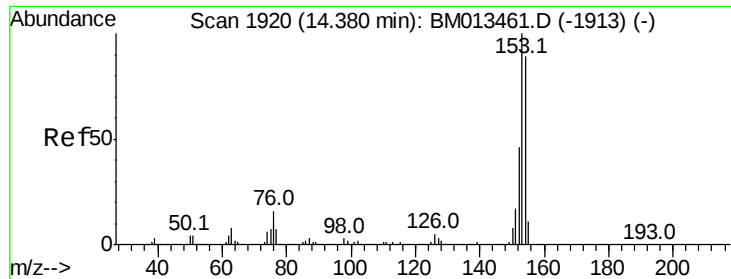
Delta R.T. -0.01 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Tgt Ion:	152	Resp:	112384
Ion Ratio	Lower	Upper	
152	100		
151	16.4	16.3	24.5
153	16.1	10.2	15.4#





#49

Acenaphthene

Concen: 15.924 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Instrument :

BNA_M

ClientSampleId :

F9A09

Tot Ion:153 Resp: 787037

Ion Ratio Lower Upper

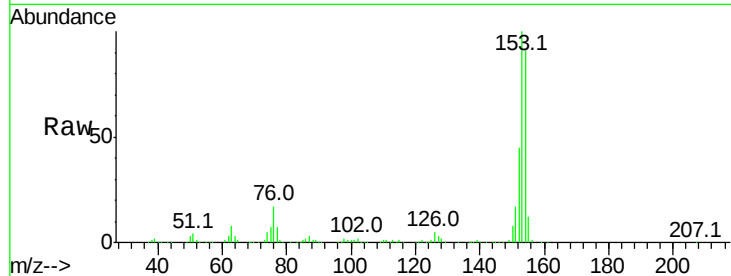
153 100

152 44.8 37.6 56.4

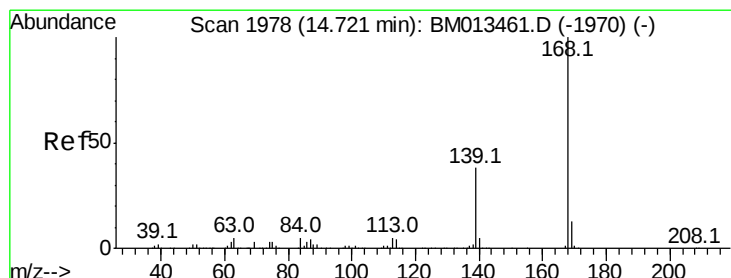
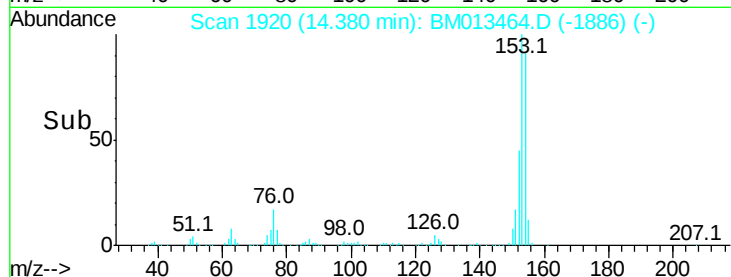
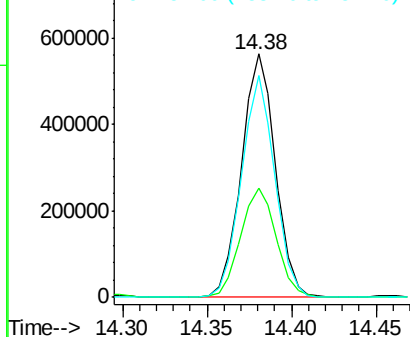
154 91.2 70.4 105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 9.533 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM013464.D

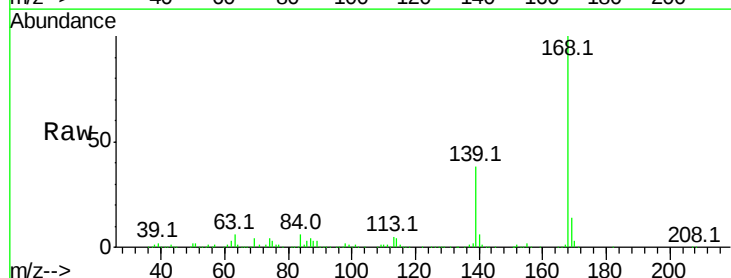
Acq: 16 Dec 2017 06:26

Tgt Ion:168 Resp: 695588

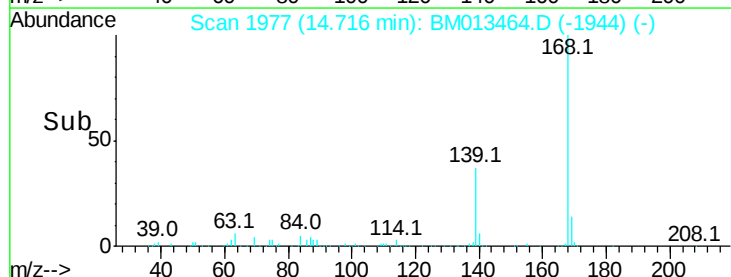
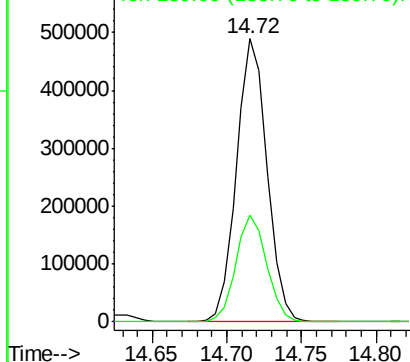
Ion Ratio Lower Upper

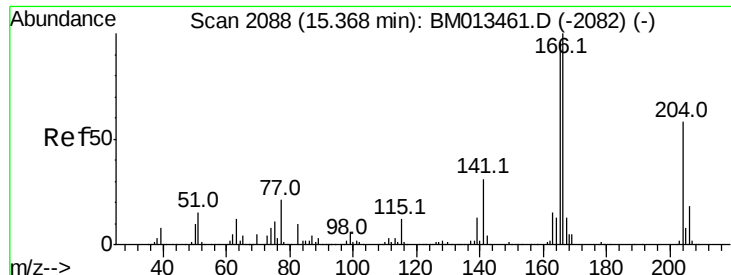
168 100

139 37.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 8.176 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Instrument :

BNA_M

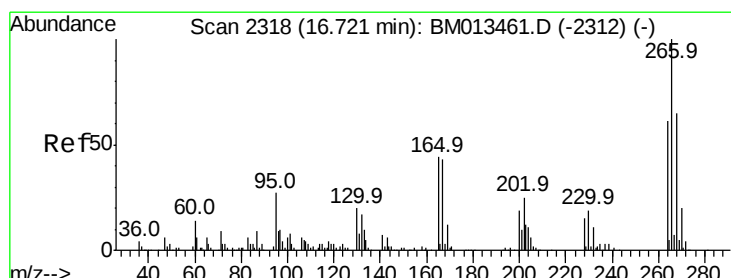
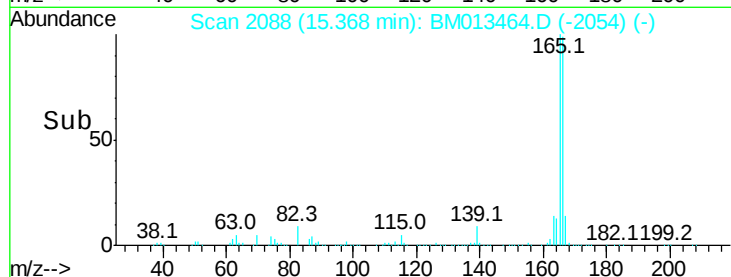
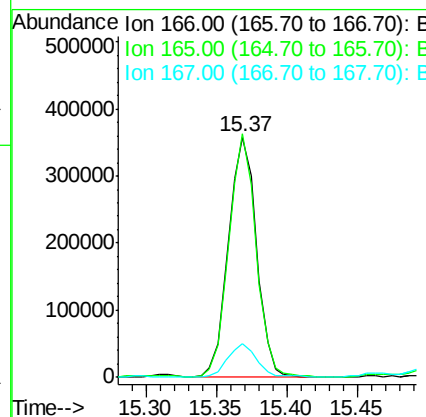
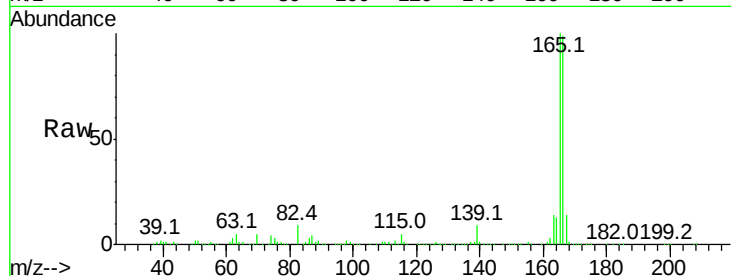
ClientSampled :

F9A09

Tot Ion:	166	Resp:	493526
Ion Ratio	Lower	Upper	
166	100		
165	101.3	77.9	116.9
167	14.3	10.6	16.0

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#68

Pentachlorophenol

Concen: 3.313 ng/ul

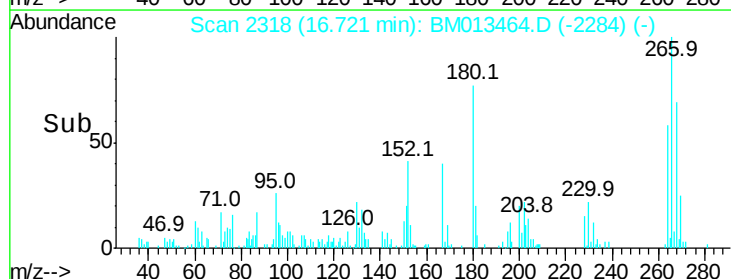
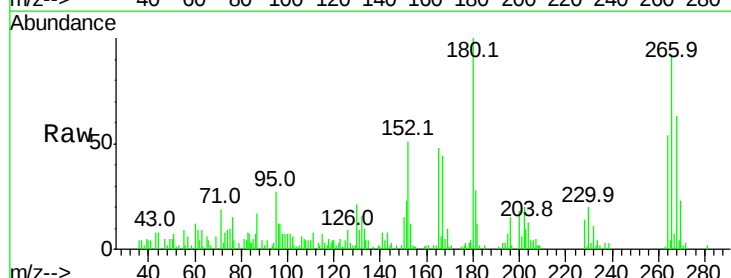
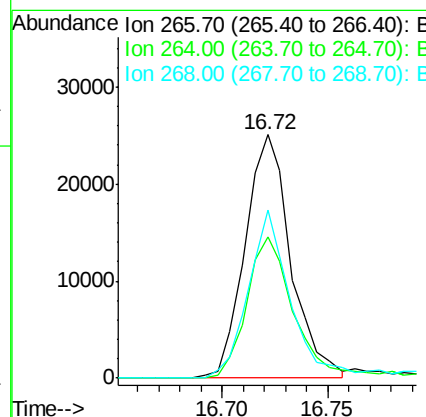
RT: 16.72 min Scan# 2318

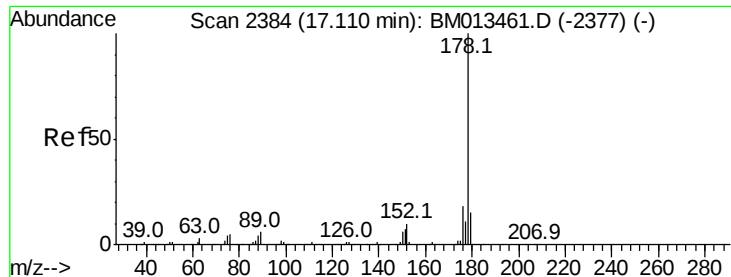
Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Tgt Ion:	266	Resp:	37704
Ion Ratio	Lower	Upper	
266	100		
264	58.1	49.3	73.9
268	68.9	52.6	78.8





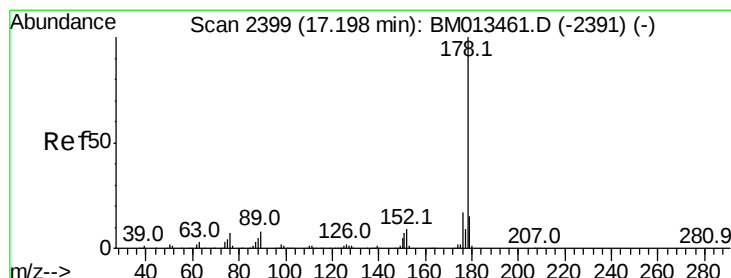
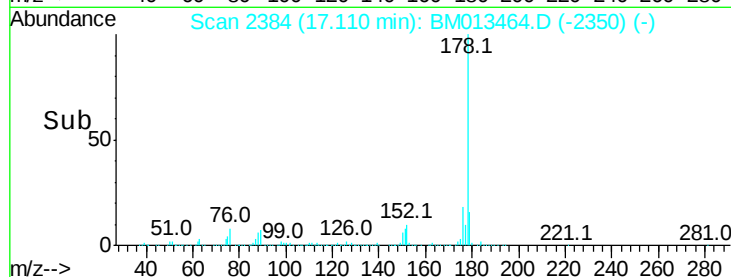
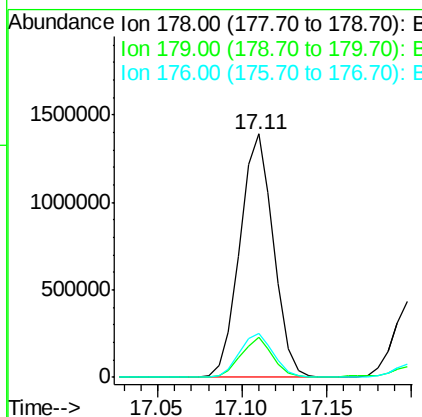
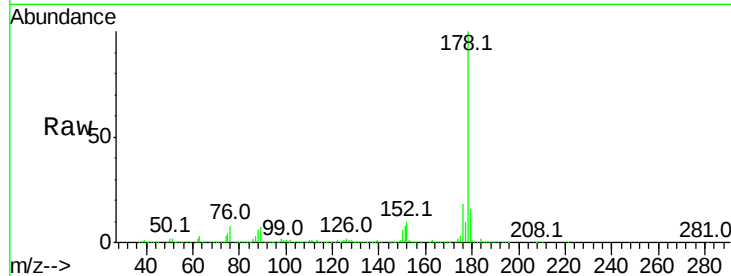
#69
Phenanthrene
Concen: 22.236 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampled :
F9A09

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	18.3	14.9	22.3

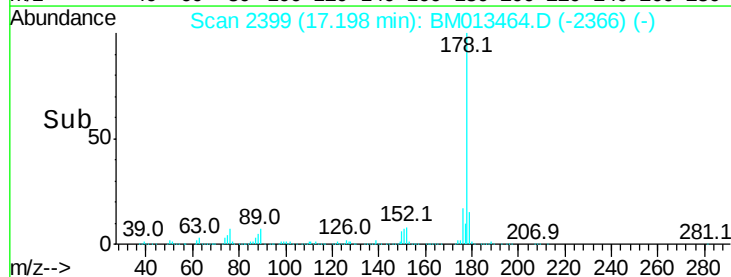
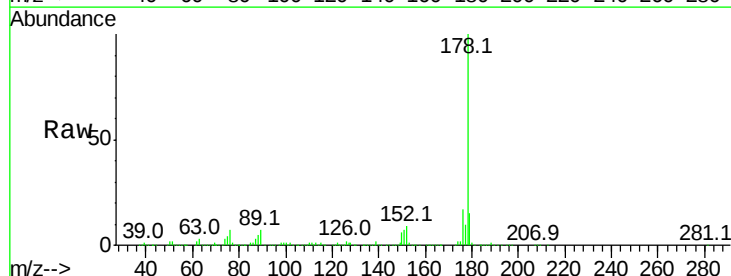
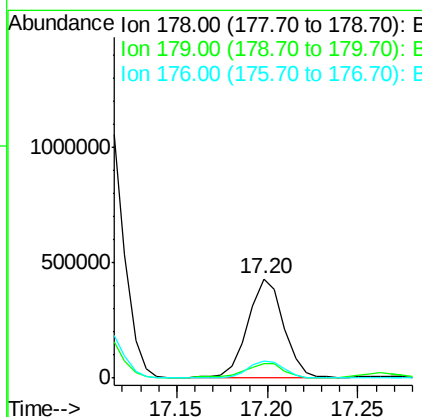
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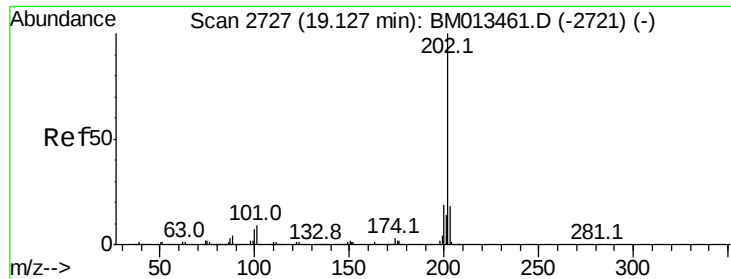
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#71
Anthracene
Concen: 6.642 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	17.3	14.6	21.8





#74

Fluoranthene

Concen: 19.909 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Instrument :

BNA_M

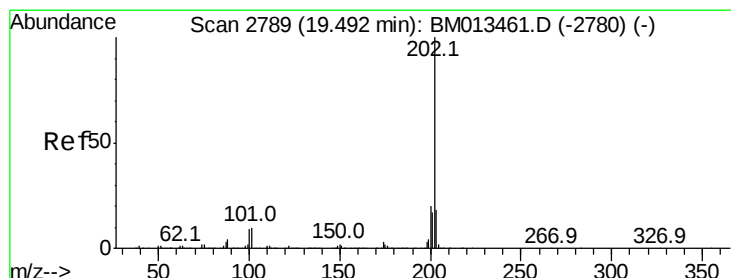
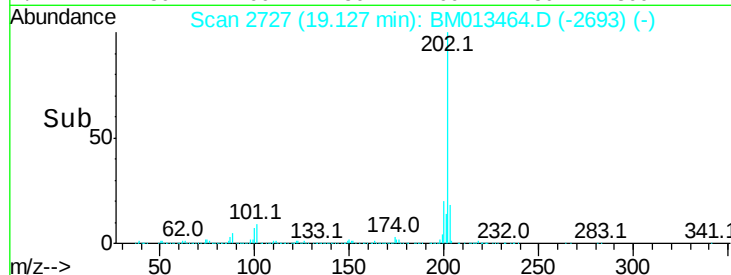
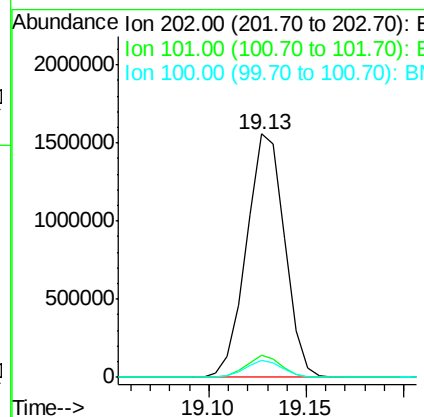
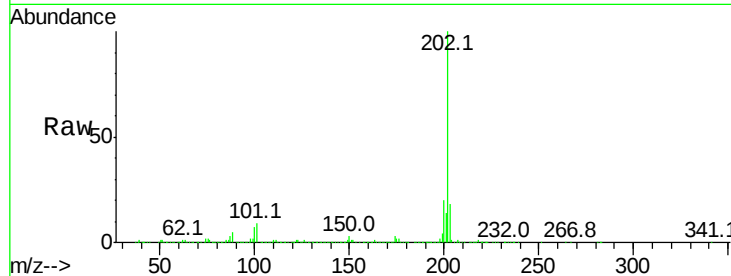
ClientSampleId :

F9A09

Tot Ion:	202	Resp:	2103655
Ion Ratio	Lower	Upper	
202	100		
101	9.3	4.6	7.0#
100	7.1	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 21.494 ng/ul

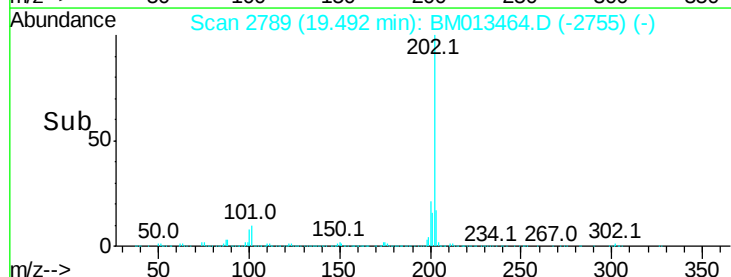
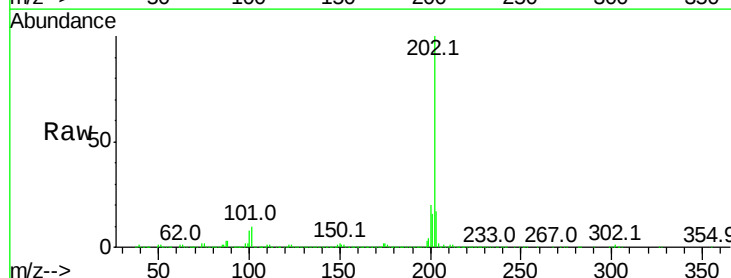
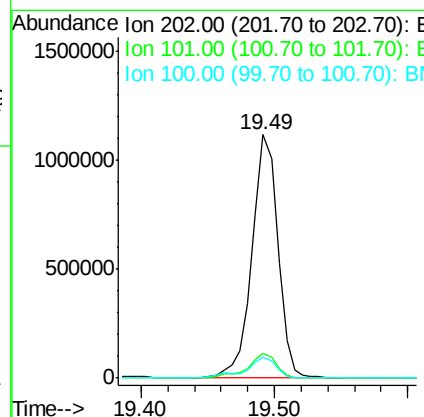
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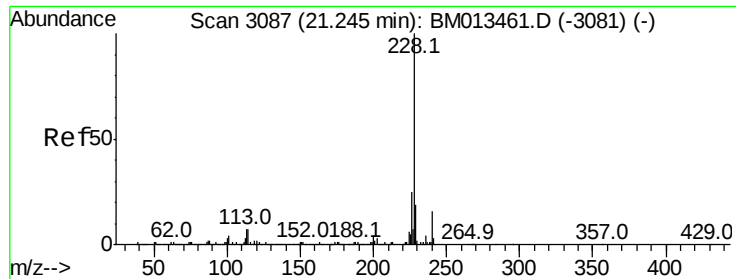
Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Tgt Ion:	202	Resp:	1491998
Ion Ratio	Lower	Upper	
202	100		
101	10.3	5.1	7.7#
100	8.4	4.9	7.3#





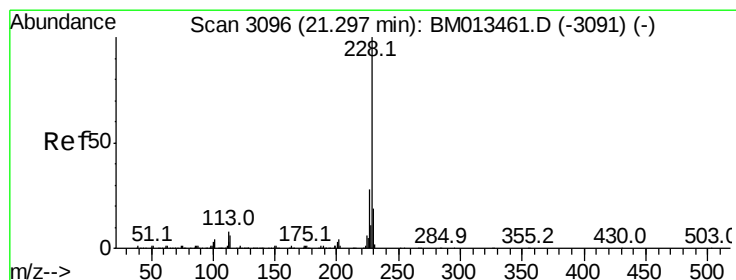
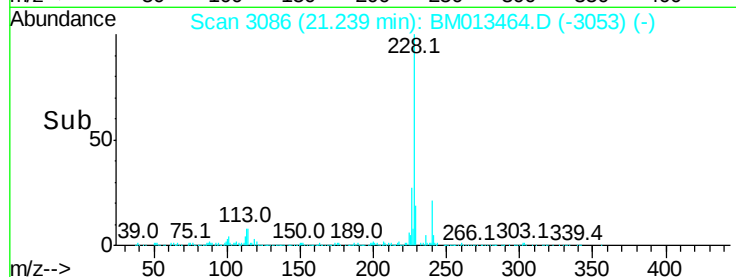
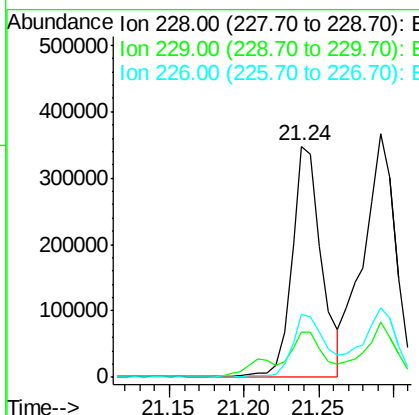
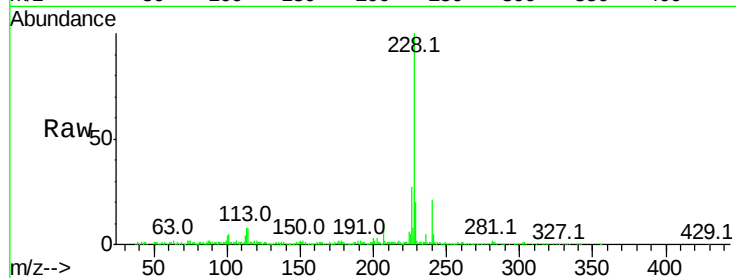
#80
Benzo(a)anthracene
Concen: 6.596 ng/ul
RT: 21.24 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Instrument :
BNA_M
ClientSampled :
F9A09

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	27.4	21.4	32.0

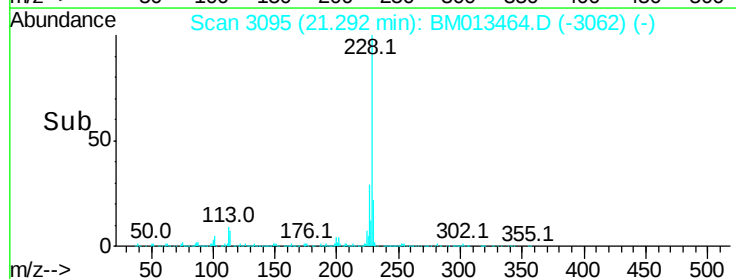
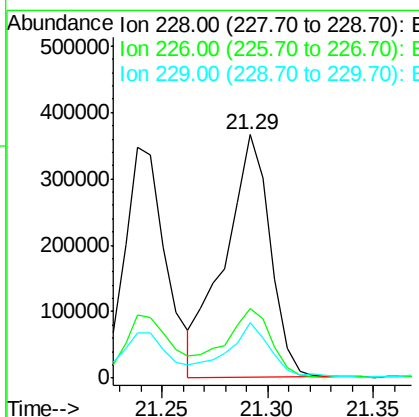
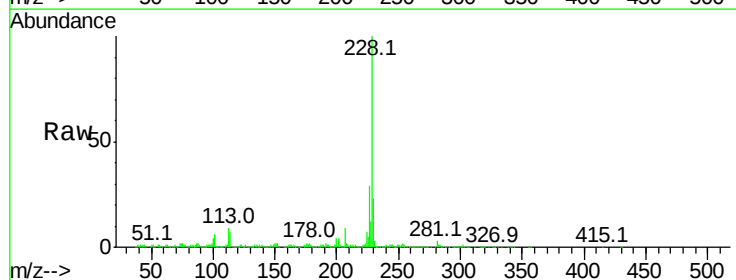
Manual Integrations
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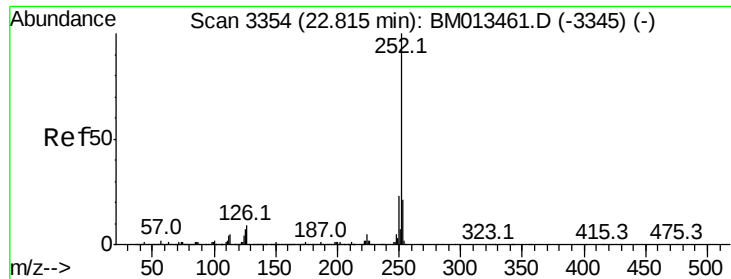
Sohil
12/18/2017 2:09:50 PM



#82
Chrysene
Concen: 8.086 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM013464.D
Acq: 16 Dec 2017 06:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	22.9	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 11.721 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Instrument :

BNA_M

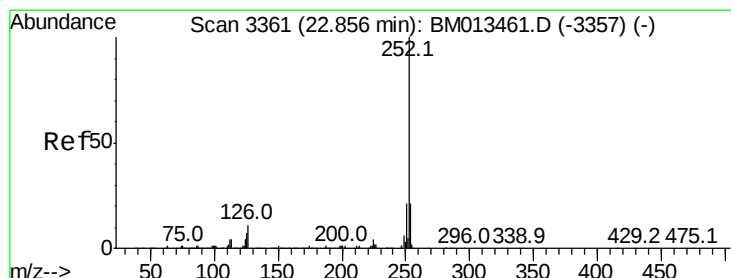
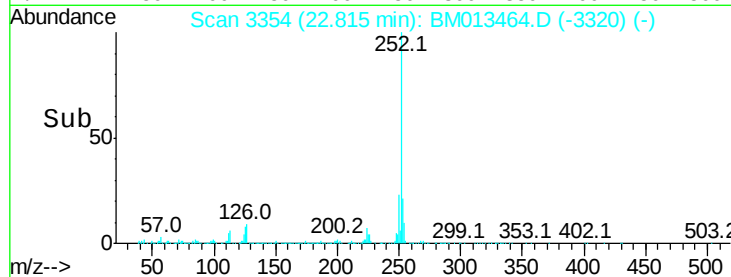
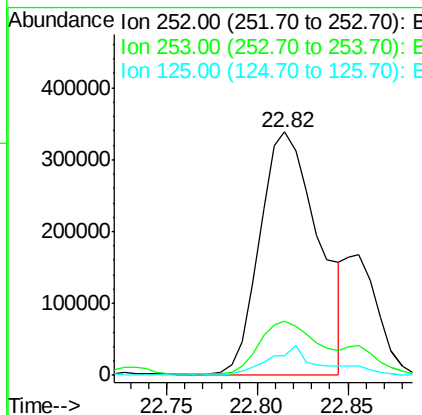
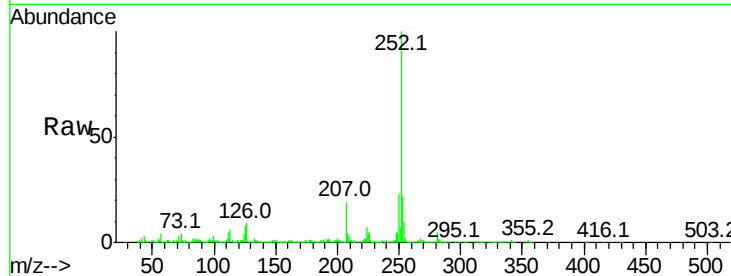
ClientSampled :

F9A09

Tot Ion	Ratio	Resp	Lower	Upper
252	100	759729		
253	22.3		17.9	26.9
125	8.1		3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 3.484 ng/ul m

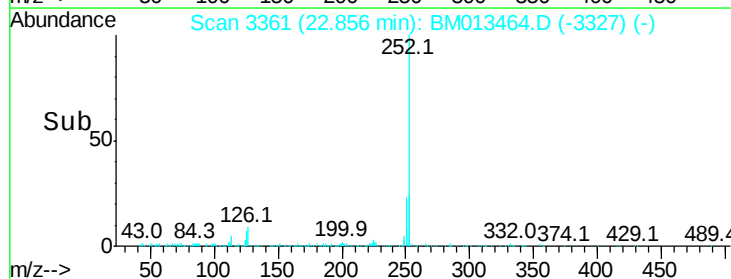
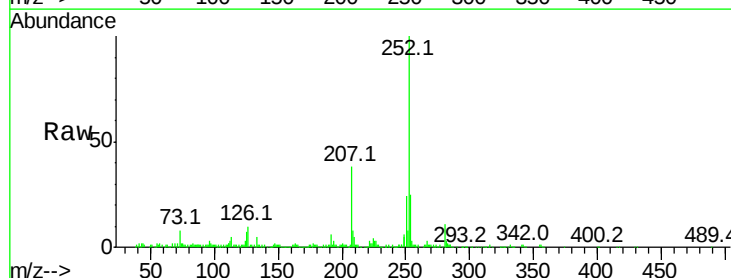
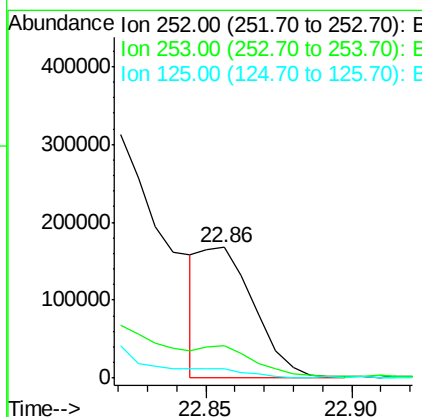
RT: 22.86 min Scan# 3361

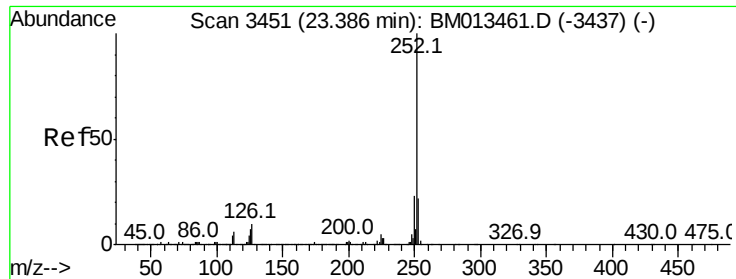
Delta R.T. -0.00 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	212520		
253	24.9		17.1	25.7
125	7.5		3.4	5.2#





#88

Benzo(a)pyrene

Concen: 5.228 ng/ul

RT: 23.38 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Instrument :

BNA_M

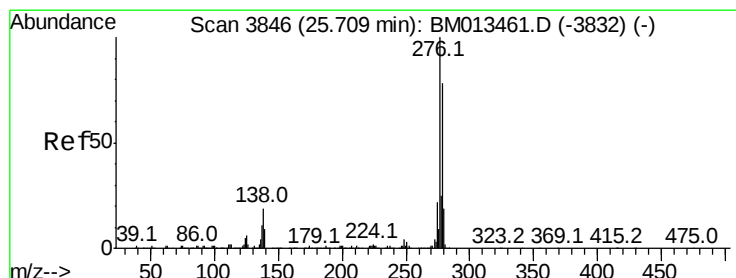
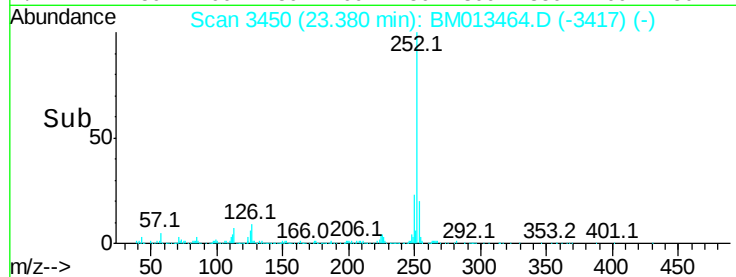
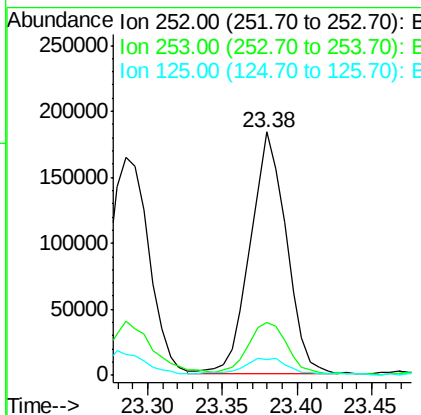
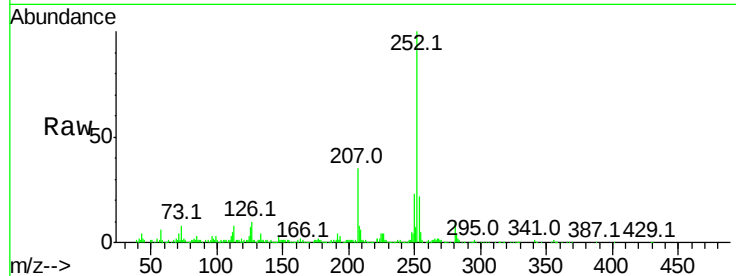
ClientSampled :

F9A09

Tot Ion:	252	Resp:	304389
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	6.7	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.189 ng/ul

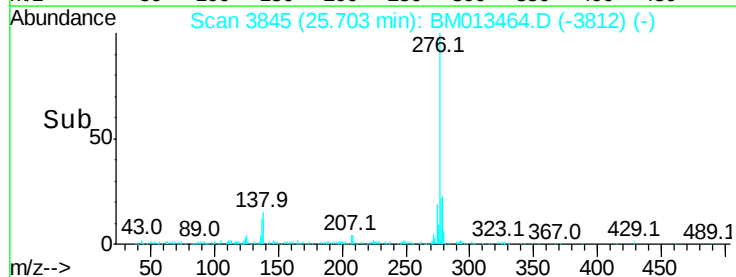
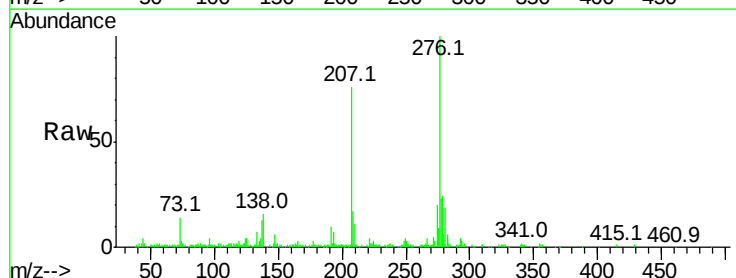
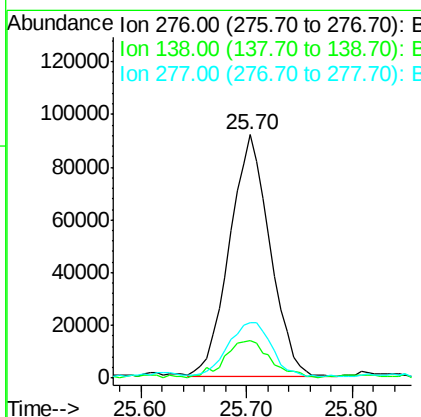
RT: 25.70 min Scan# 3845

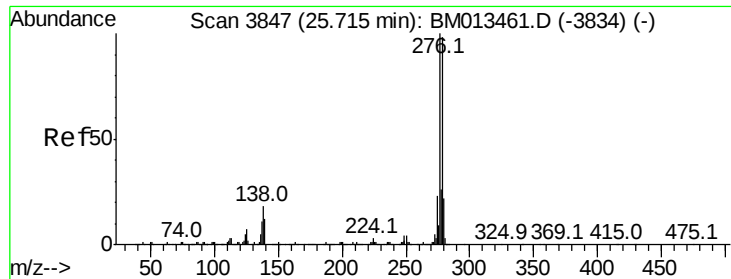
Delta R.T. -0.01 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Tgt Ion:	276	Resp:	242019
Ion Ratio	Lower	Upper	
276	100		
138	15.7	9.3	13.9#
277	22.6	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.371 ng/ul m

RT: 25.70 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Instrument :

BNA_M

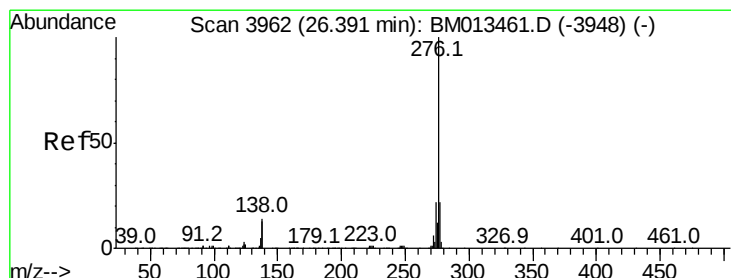
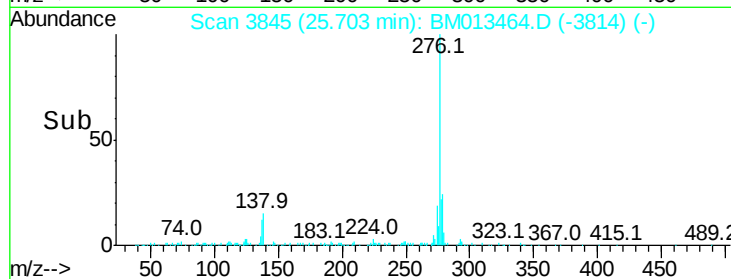
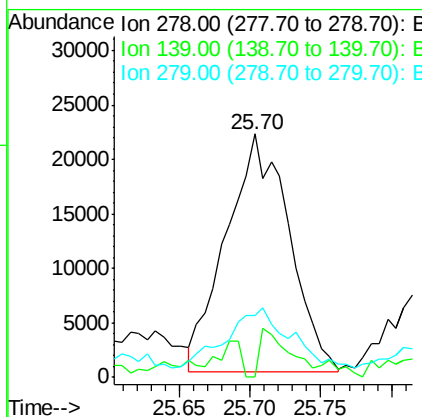
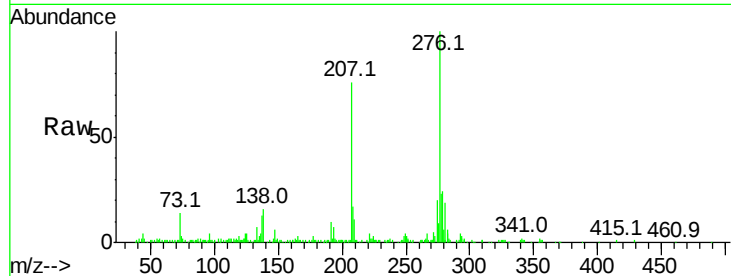
ClientSampleId :

F9A09

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.5	18.6	27.8

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#91

Benzo(g,h,i)perylene

Concen: 3.978 ng/ul

RT: 26.39 min Scan# 3961

Delta R.T. -0.01 min

Lab File: BM013464.D

Acq: 16 Dec 2017 06:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	8.5	12.7#
277	22.1	18.6	28.0

