

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010641.D
 Acq On : 22 Jun 2017 02:03
 Operator : SJ/JU
 Sample : I3625-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5E17

Manual Integrations
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mohammad
 6/22/2017 5:33:19 PM

Quant Time: Jun 22 04:15:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 01:38:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	56620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	271150	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	189981	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	495018	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	614173	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	516625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	5351	5.42	ng/uL	0.00
5) Phenol-d5	6.65	99	127002	23.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	74615	24.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	99147	26.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	112160	25.08	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	55186	28.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	65960	29.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	125051	26.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	131873	26.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	497878	29.85	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	553531	28.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	74429	25.36	ng/ul	0.00
57) Fluorene-d10	15.12	176	420583	29.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	85901	28.25	ng/ul	0.00
70) Anthracene-d10	16.97	188	701750m	29.36	ng/ul	0.00
76) Pyrene-d10	19.28	212	813109	28.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	727036	29.12	ng/ul	0.00
Target Compounds						
6) Phenol	6.67	94	70667	12.720	ng/ul	98
11) 2-Methylphenol	7.90	108	23969	5.661	ng/ul	99
16) 4-Methylphenol	8.23	108	69599	14.939	ng/ul	100
24) 2,4-Dimethylphenol	9.42	107	37541	6.244	ng/ul	98
28) Naphthalene	10.27	128	576786	42.745	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	135161	12.461	ng/ul	98
40) 1,1'-Biphenyl	12.94	154	38380	2.584	ng/ul#	93
44) Dimethylphthalate	13.59	163	136561	8.354	ng/ul	96
49) Acenaphthene	14.18	153	138858	11.141	ng/ul	97
53) Dibenzofuran	14.52	168	158455	8.395	ng/ul#	86
58) Fluorene	15.17	166	158011	9.999	ng/ul	98
69) Phenanthrene	16.91	178	712310	27.067	ng/ul	98
71) Anthracene	17.00	178	88904	3.279	ng/ul	99
72) Carbazole	17.27	167	75869	3.207	ng/ul	98
74) Fluoranthene	18.94	202	463652	13.670	ng/ul#	97
77) Pyrene	19.31	202	302308	8.522	ng/ul	99
80) Benzo(a)anthracene	21.07	228	98240	2.747	ng/ul	98
82) Chrysene	21.12	228	71548	2.244	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	46268	1.380	ng/ul#	98

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

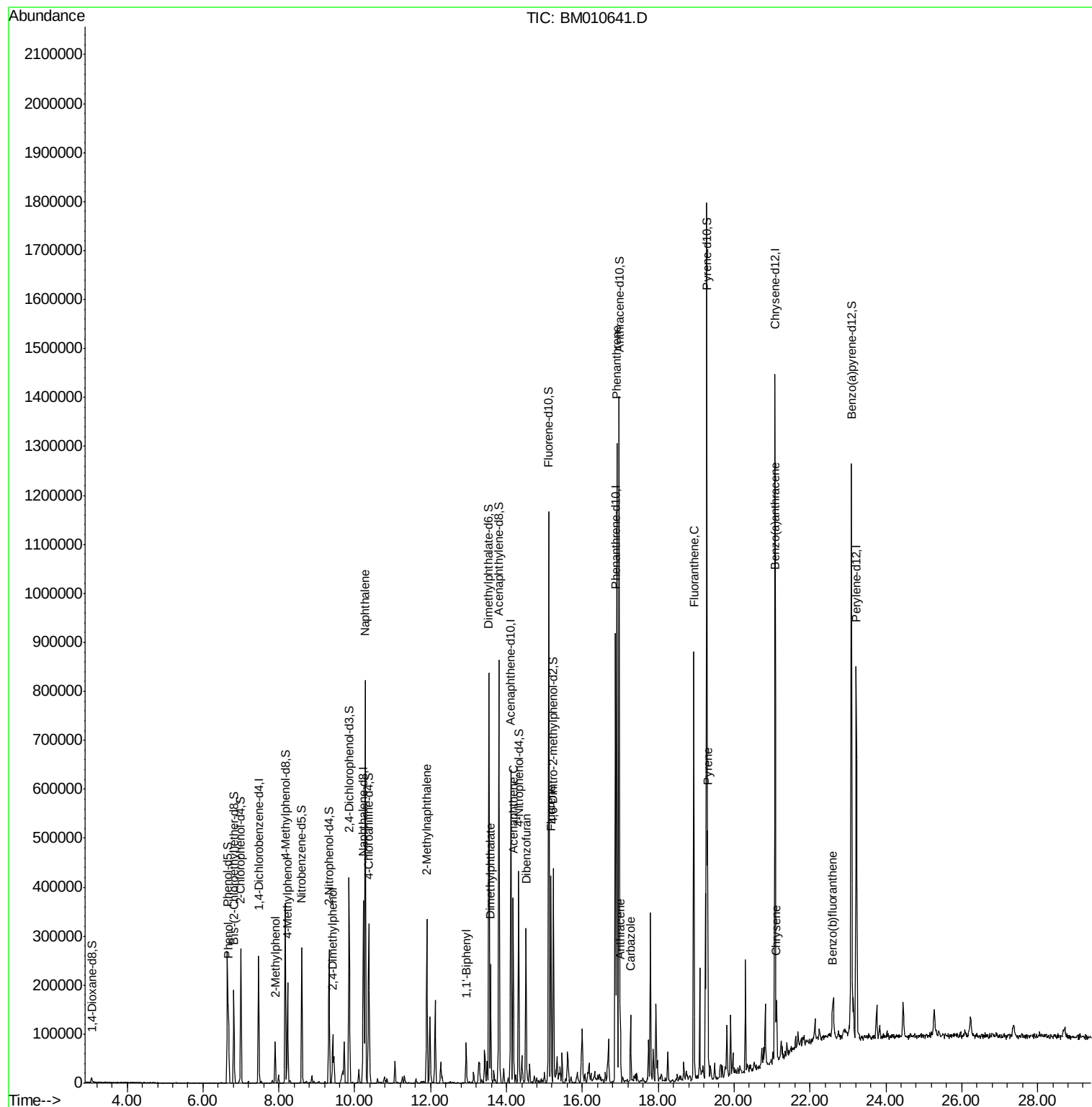
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010641.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

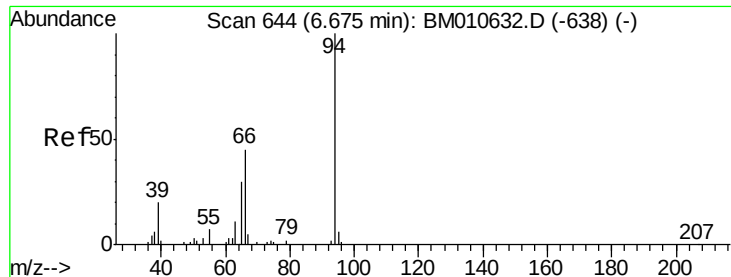
Instrument :
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ClientSampleId :
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Quant Time: Jun 22 04:15:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

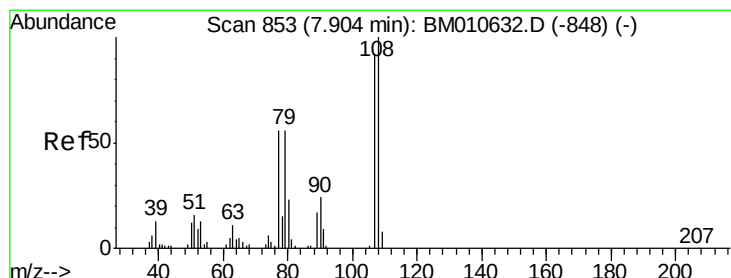
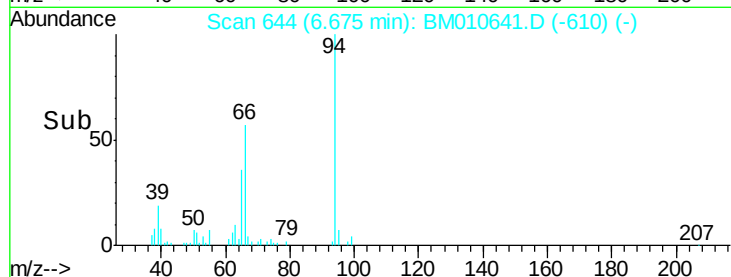
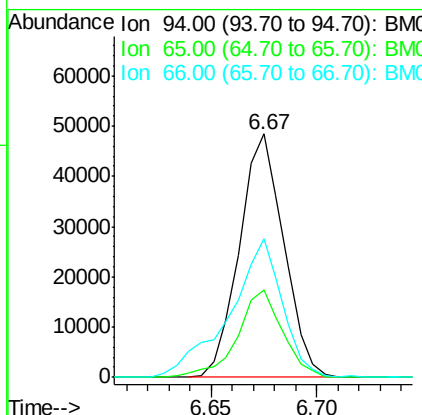
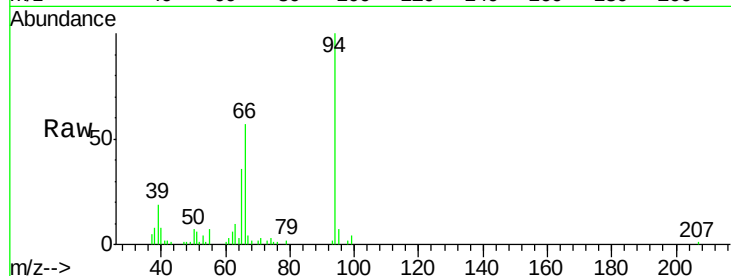
Concen: 12.720 ng/ul
 RT: 6.67 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM010641.D
 Acq: 22 Jun 2017 02:03

Instrument :
 BNA_M
 ClientSampleId :
 F5E17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.9	28.2	42.4
66	57.0	47.2	70.8

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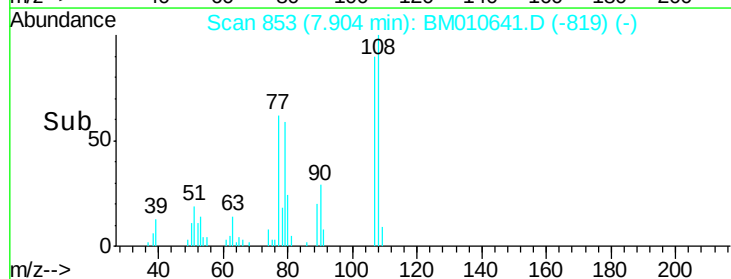
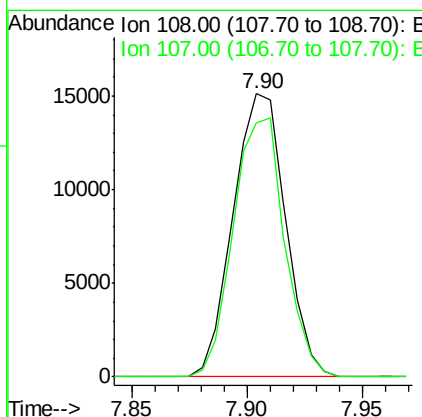
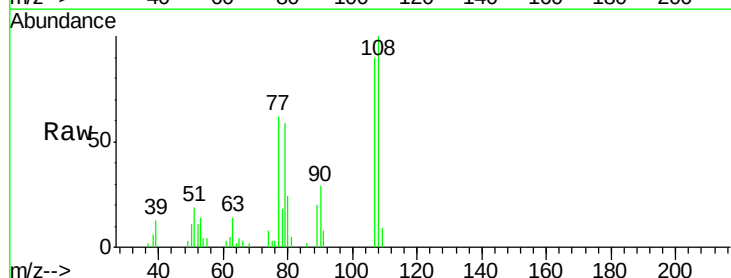


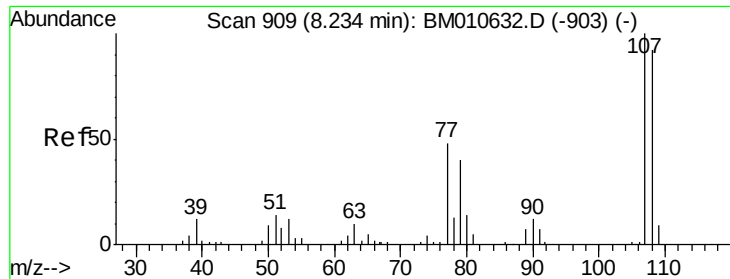
#11

2-Methylphenol

Concen: 5.661 ng/ul
 RT: 7.90 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BM010641.D
 Acq: 22 Jun 2017 02:03

Tgt Ion	Ratio	Lower	Upper
108	100		
107	89.9	72.6	108.8





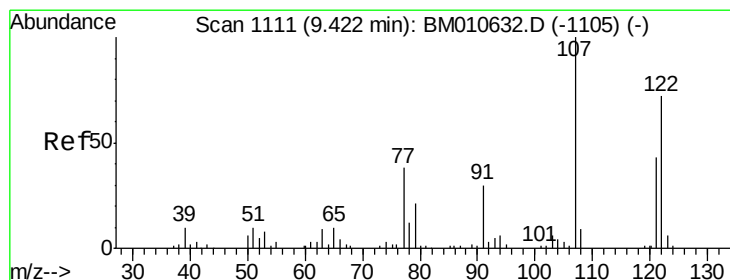
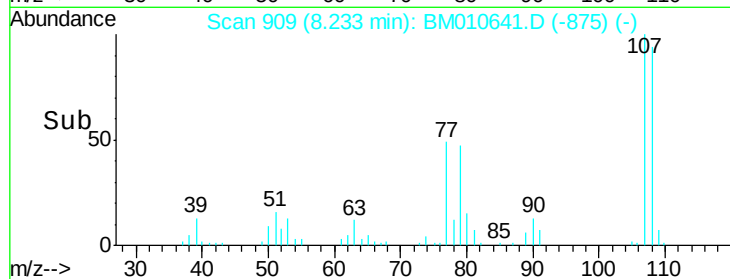
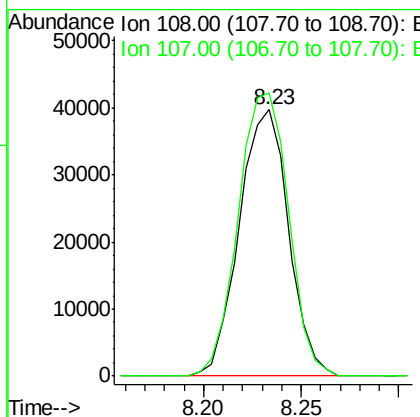
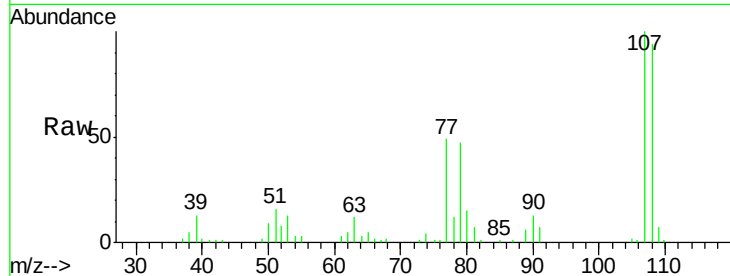
#16
4-Methylphenol
Concen: 14.939 ng/ul
RT: 8.23 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM010641.D
Acq: 22 Jun 2017 02:03

Instrument :
BNA_M
ClientSampled :
F5E17

Tgt Ion:108 Resp: 69599
Ion Ratio Lower Upper
108 100
107 106.2 84.9 127.3

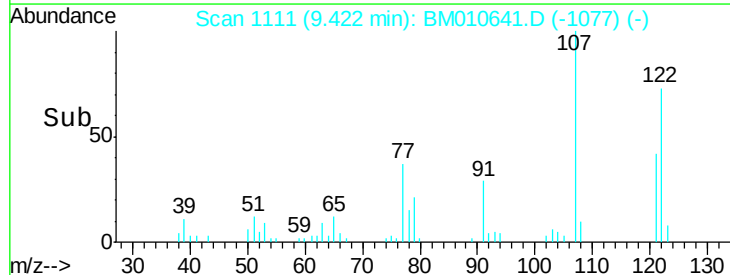
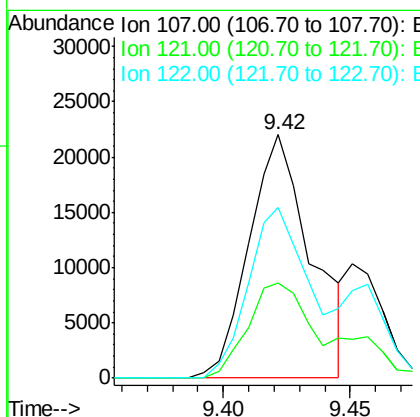
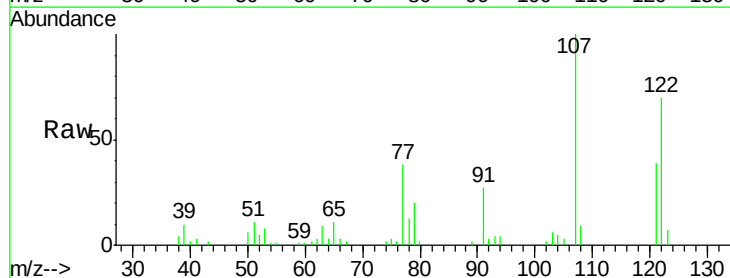
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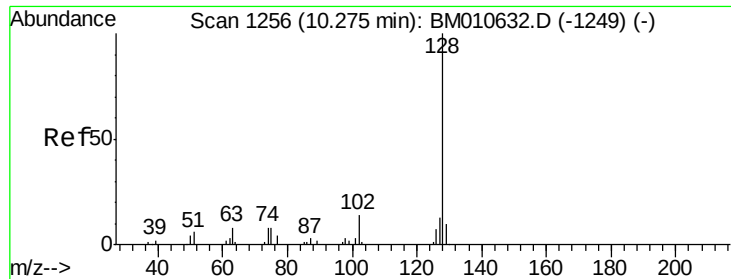
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#24
2,4-Dimethylphenol
Concen: 6.244 ng/ul
RT: 9.42 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM010641.D
Acq: 22 Jun 2017 02:03

Tgt Ion:107 Resp: 37541
Ion Ratio Lower Upper
107 100
121 39.2 31.9 47.9
122 70.1 57.8 86.6





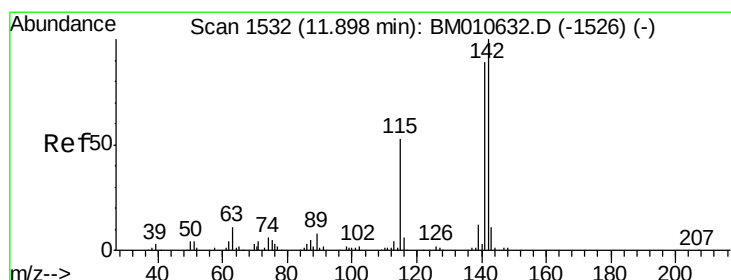
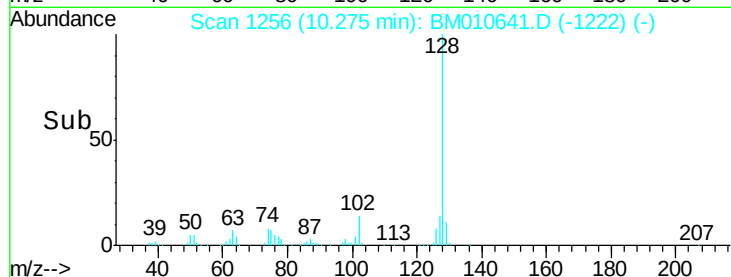
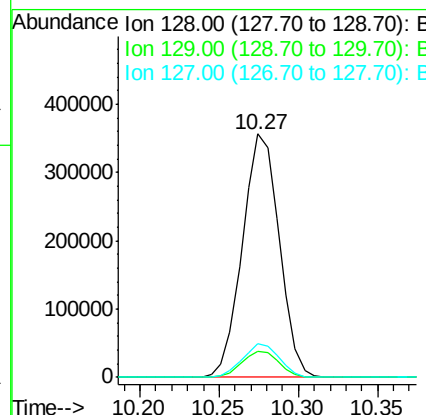
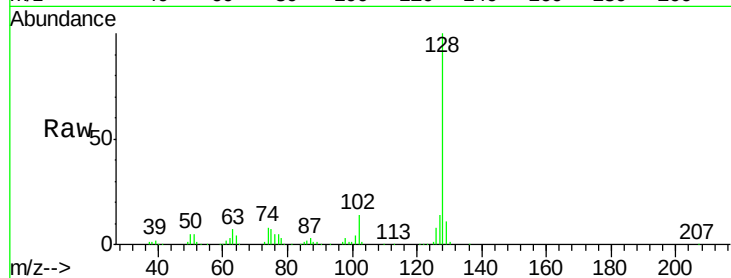
#28
Naphthalene
Concen: 42.745 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM010641.D
Acq: 22 Jun 2017 02:03

Instrument :
BNA_M
ClientSampleId :
F5E17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.8	10.6	16.0

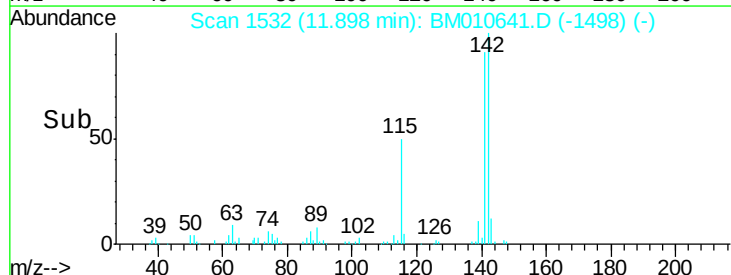
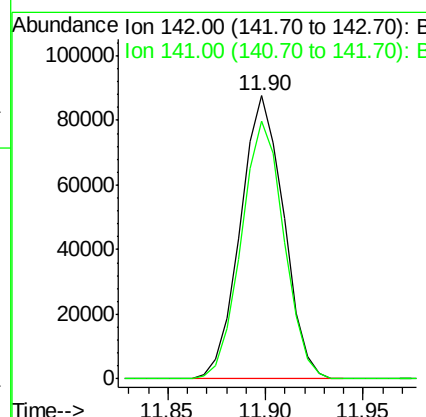
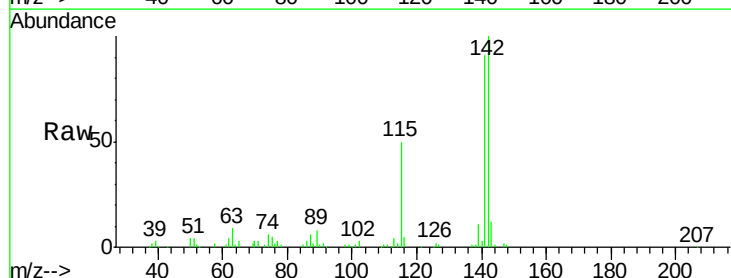
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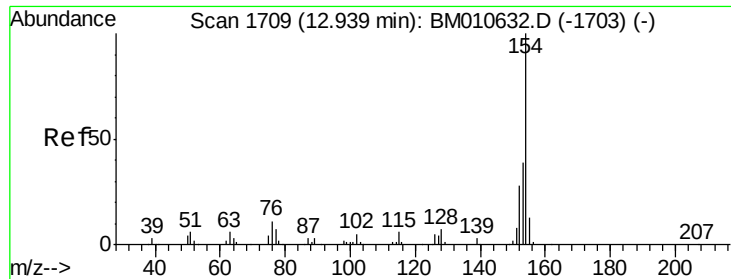
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#34
2-Methylnaphthalene
Concen: 12.461 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BM010641.D
Acq: 22 Jun 2017 02:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.1	111.1





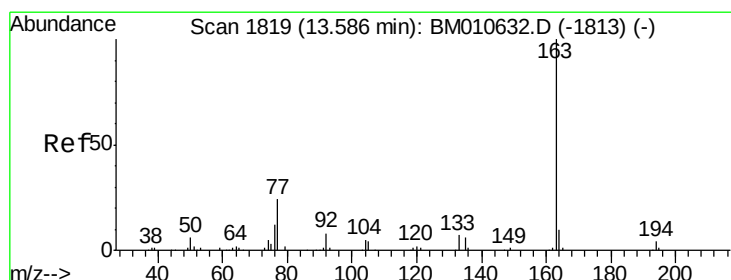
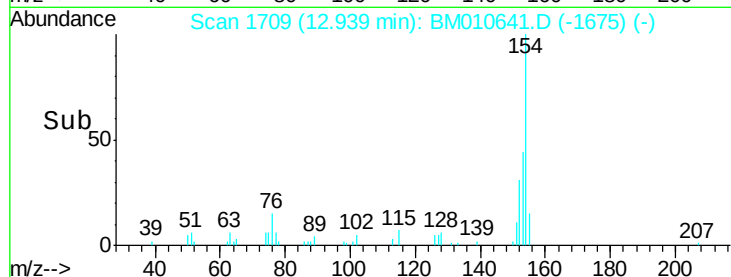
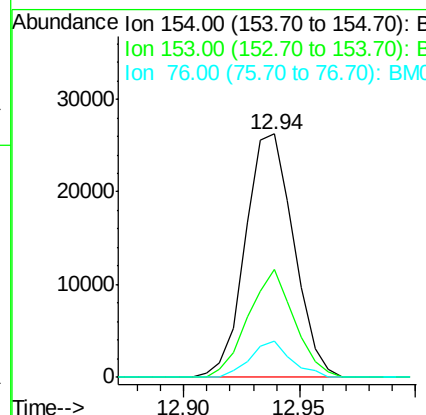
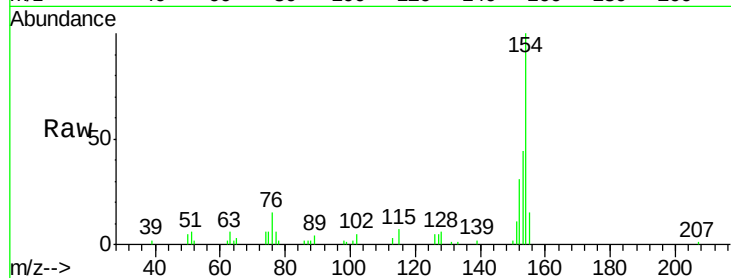
#40
 1,1'-Biphenyl
 Concen: 2.584 ng/ul
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM010641.D
 Acq: 22 Jun 2017 02:03

Instrument :
 BNA_M
 ClientSampleId :
 F5E17

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	44.4	32.6	48.8
76	14.8	8.5	12.7

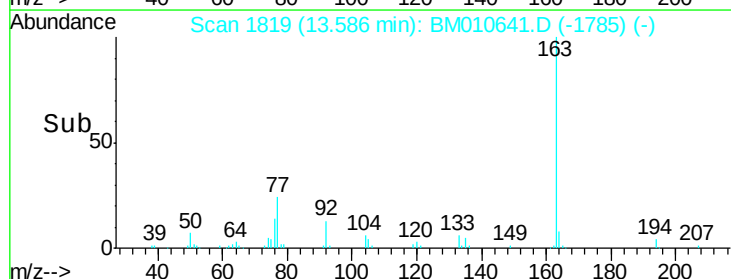
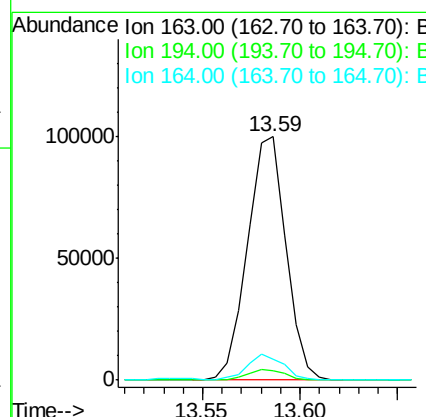
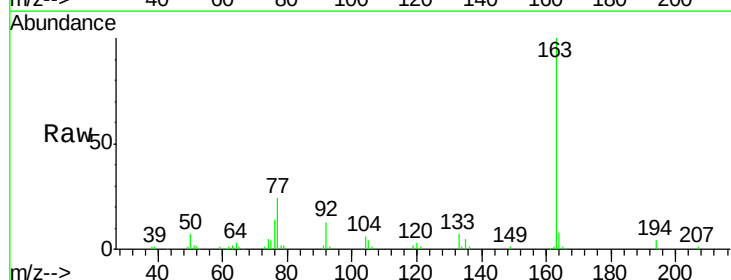
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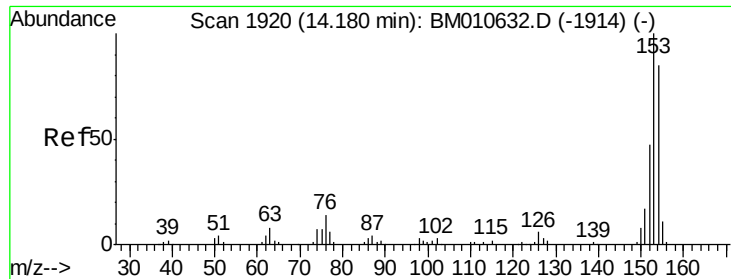
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#44
 Dimethylphthalate
 Concen: 8.354 ng/ul
 RT: 13.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BM010641.D
 Acq: 22 Jun 2017 02:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.5	5.3
164	8.5	8.2	12.4





#49

Acenaphthene

Concen: 11.141 ng/ul

RT: 14.18 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM010641.D

Acq: 22 Jun 2017 02:03

Instrument :

BNA_M

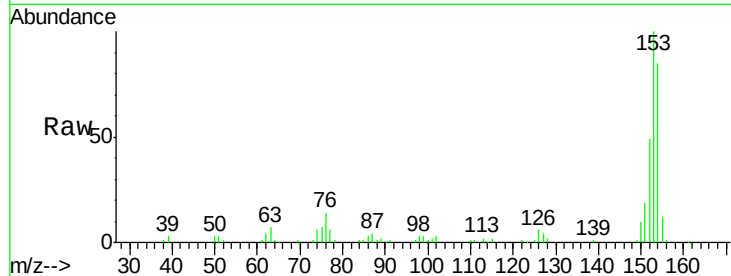
ClientSampled :

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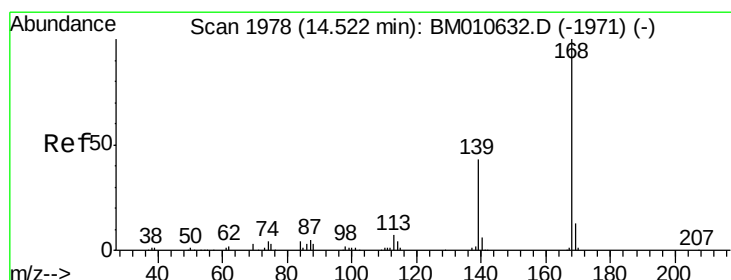
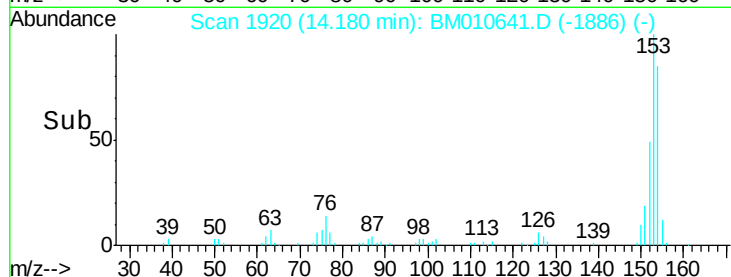
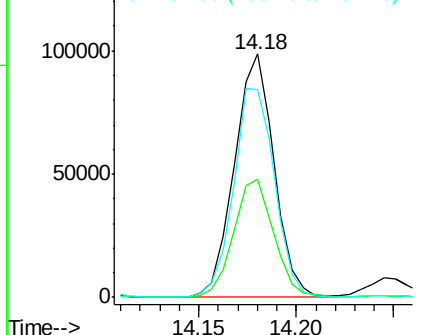
Tgt Ion:	153	Resp:	138858
Ion Ratio	Lower	Upper	
153	100		
152	48.8	37.6	56.4
154	85.1	70.4	105.6

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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: 8.395 ng/ul

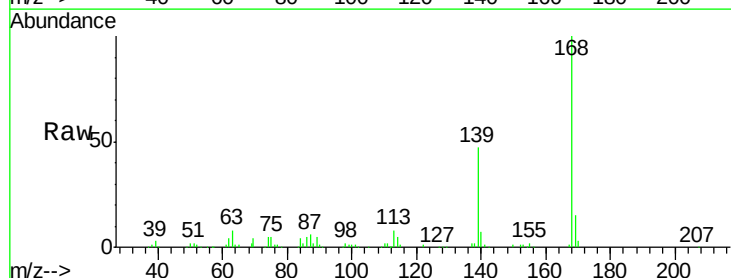
RT: 14.52 min Scan# 1977

Delta R.T. -0.01 min

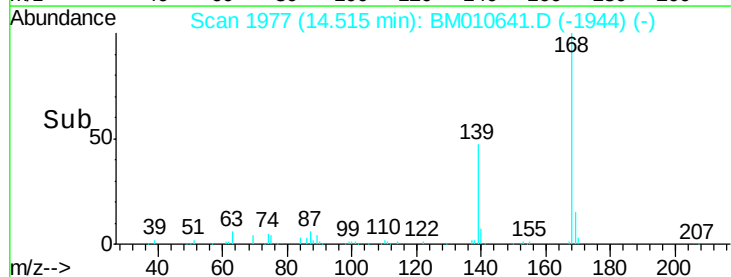
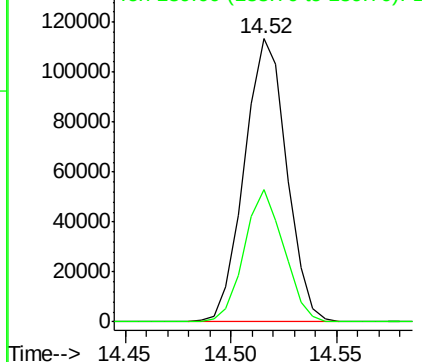
Lab File: BM010641.D

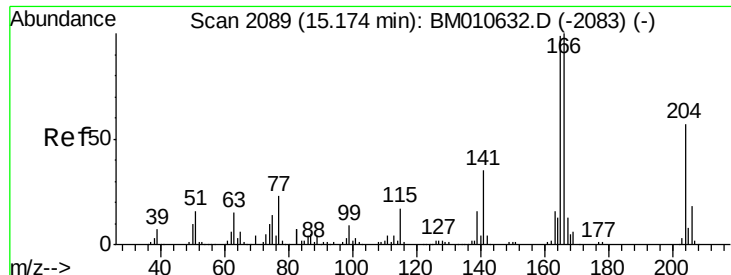
Acq: 22 Jun 2017 02:03

Tgt Ion:	168	Resp:	158455
Ion Ratio	Lower	Upper	
168	100		
139	46.7	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: 9.999 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM010641.D

Acq: 22 Jun 2017 02:03

Instrument :

BNA_M

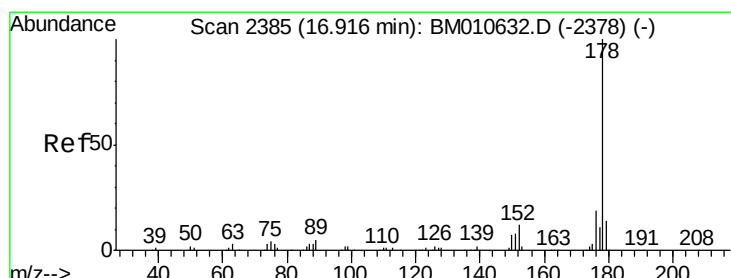
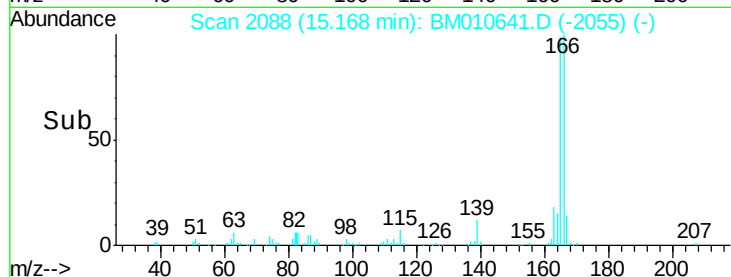
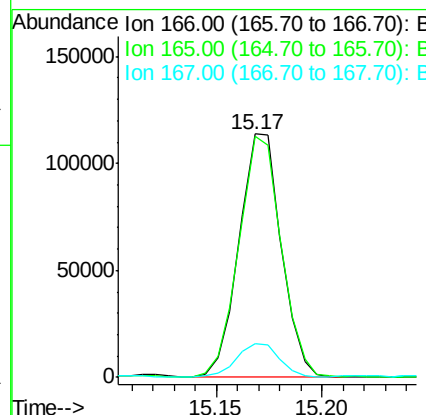
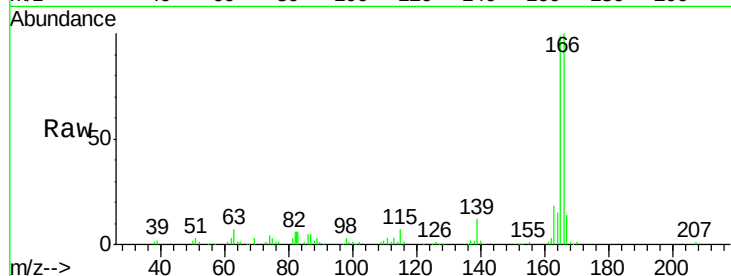
ClientSampleId :

F5E17

Tgt Ion:	166	Resp:	158011
Ion Ratio		Lower	Upper
166	100		
165	98.9	77.9	116.9
167	14.0	10.6	16.0

Manual Integrations
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#69

Phenanthrene

Concen: 27.067 ng/ul

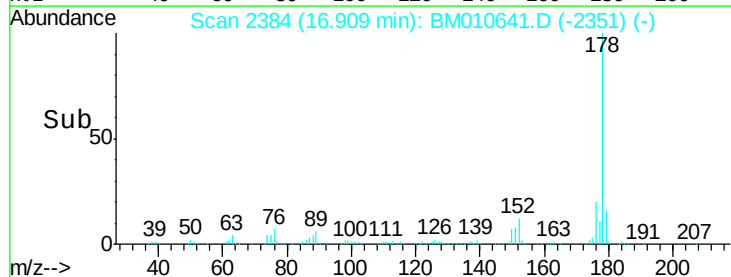
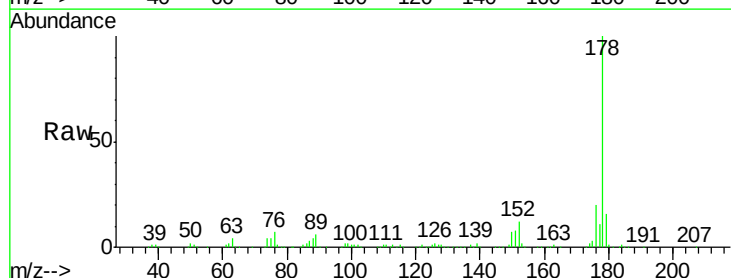
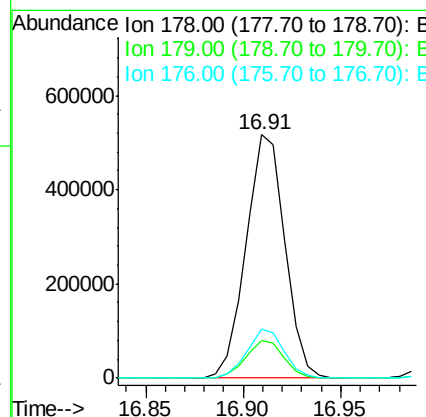
RT: 16.91 min Scan# 2384

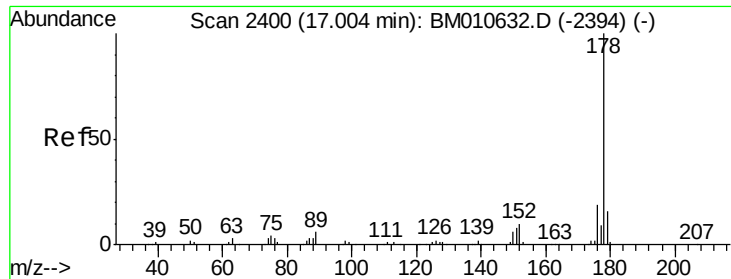
Delta R.T. -0.01 min

Lab File: BM010641.D

Acq: 22 Jun 2017 02:03

Tgt Ion:	178	Resp:	712310
Ion Ratio		Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.2	14.9	22.3





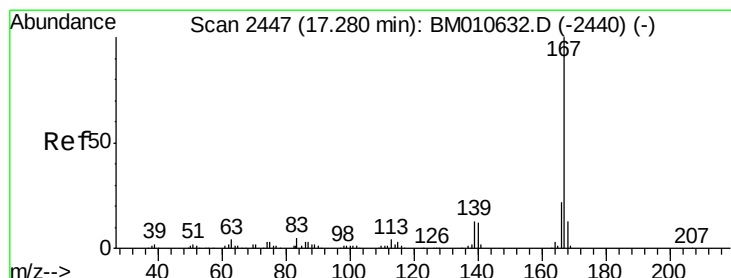
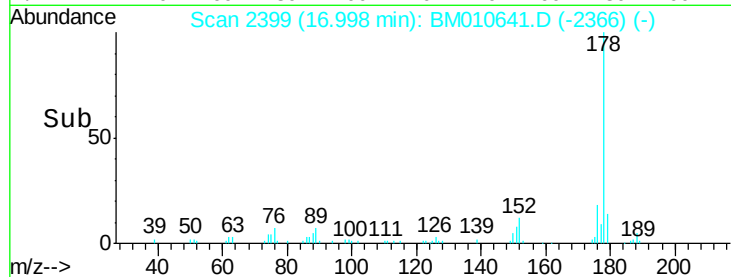
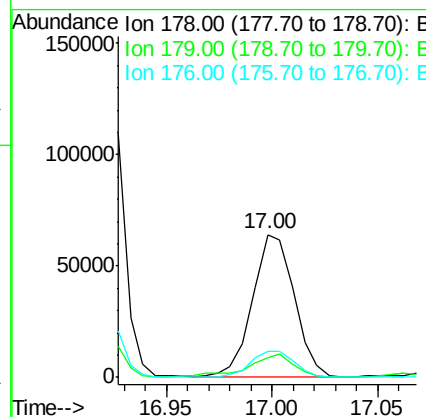
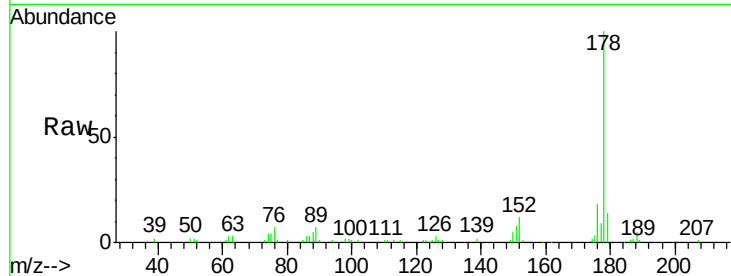
#71
 Anthracene
 Concen: 3.279 ng/ul
 RT: 17.00 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM010641.D
 Acq: 22 Jun 2017 02:03

Instrument :
 BNA_M
 ClientSampled :
 F5E17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.7	17.5
176	18.0	14.6	21.8

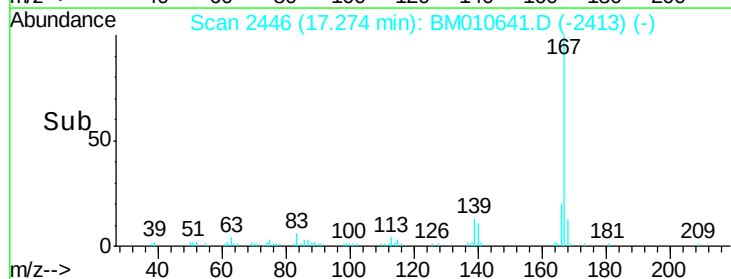
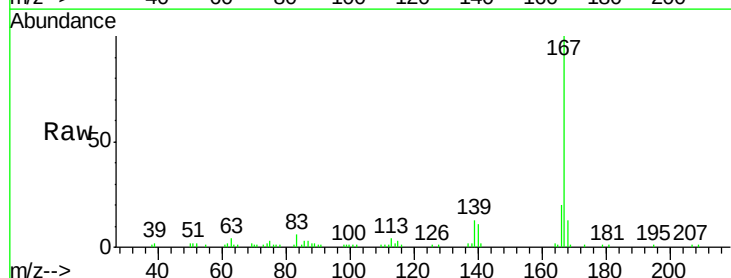
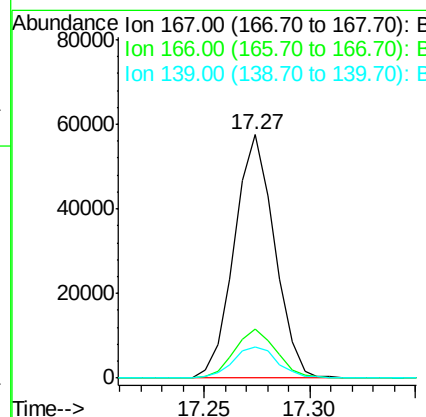
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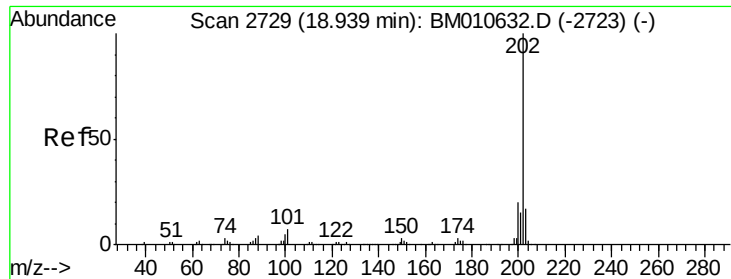
mohammad
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#72
 Carbazole
 Concen: 3.207 ng/ul
 RT: 17.27 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BM010641.D
 Acq: 22 Jun 2017 02:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.1	25.7
139	12.8	10.0	15.0





#74

Fluoranthene

Concen: 13.670 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010641.D

Acq: 22 Jun 2017 02:03

Instrument :

BNA_M

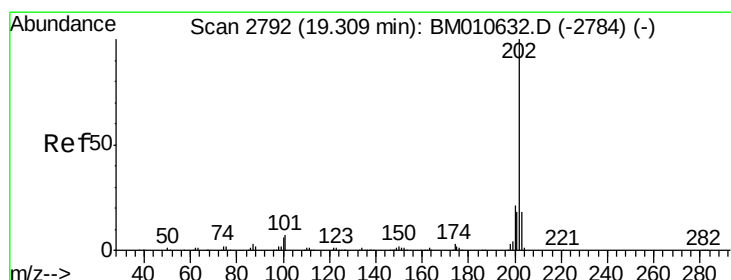
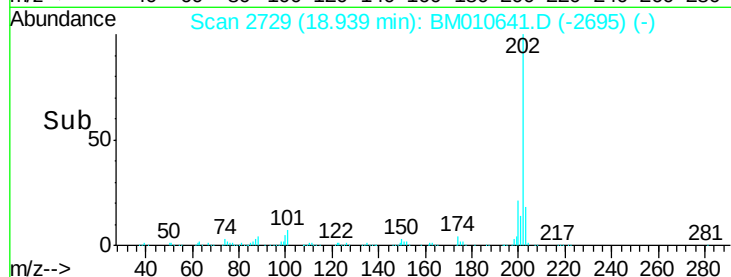
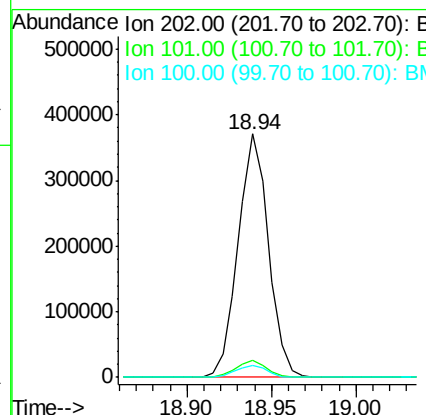
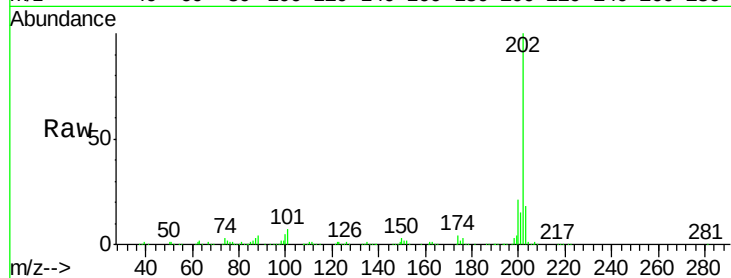
ClientSampleId :

F5E17

Tgt Ion:	202	Resp:	463652
Ion Ratio	Lower	Upper	
202	100		
101	7.1	4.6	7.0#
100	4.7	3.4	5.2

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#77

Pyrene

Concen: 8.522 ng/ul

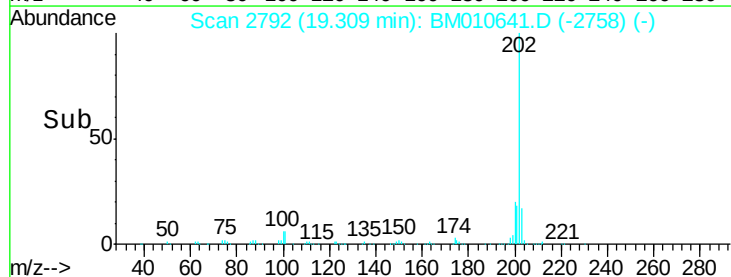
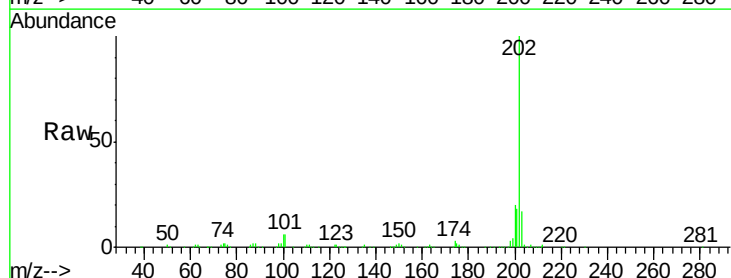
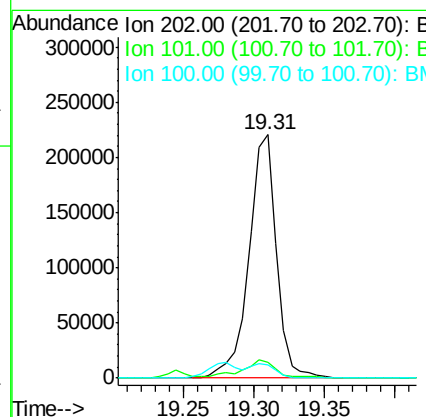
RT: 19.31 min Scan# 2792

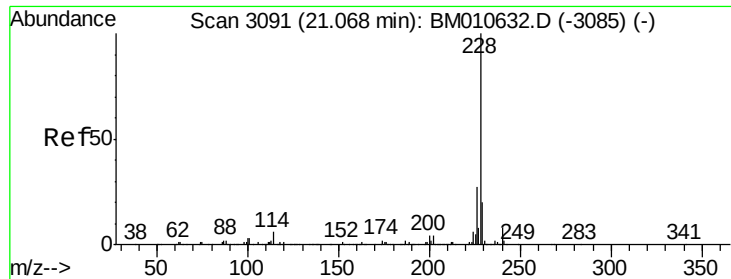
Delta R.T. -0.00 min

Lab File: BM010641.D

Acq: 22 Jun 2017 02:03

Tgt Ion:	202	Resp:	302308
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.1	7.7
100	5.6	4.9	7.3





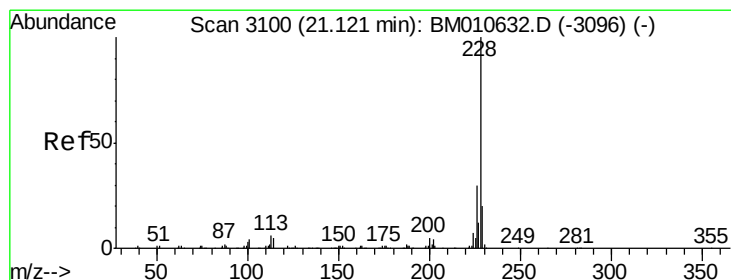
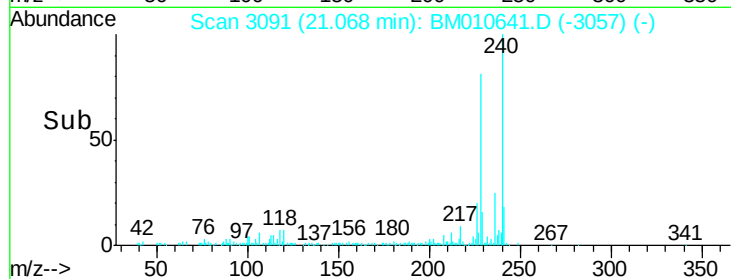
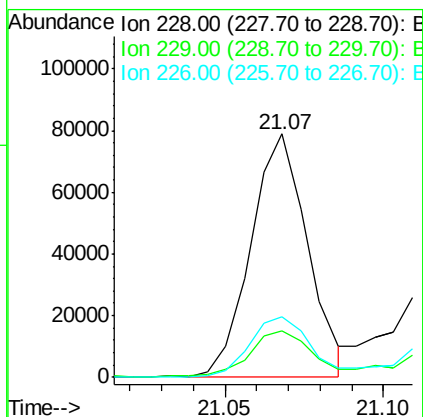
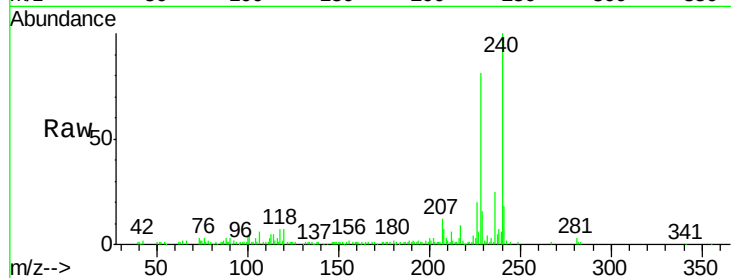
#80
Benzo(a)anthracene
Concen: 2.747 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010641.D
Acq: 22 Jun 2017 02:03

Instrument :
BNA_M
ClientSampled :
F5E17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.4	23.0
226	25.1	21.4	32.0

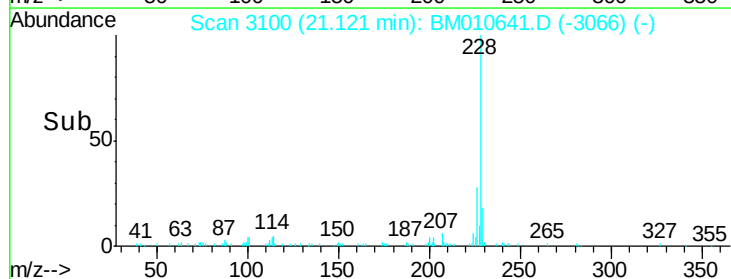
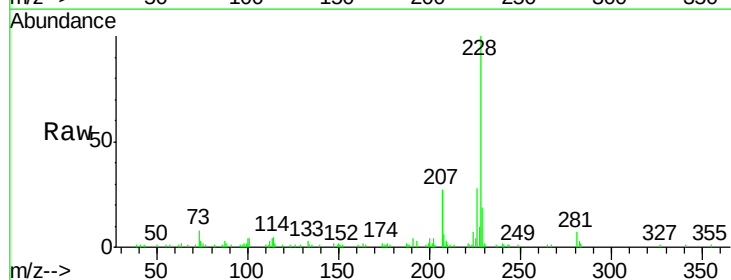
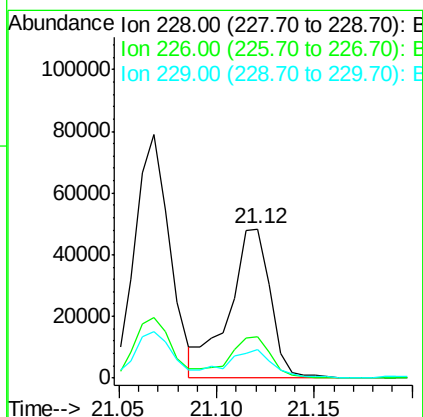
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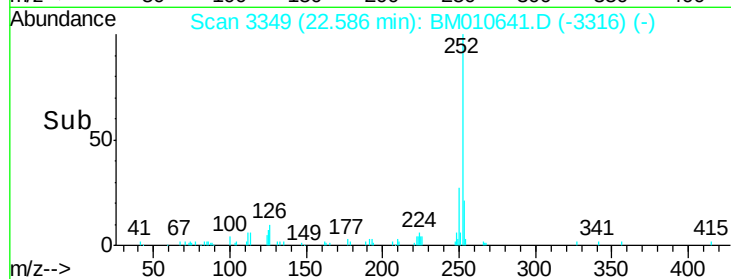
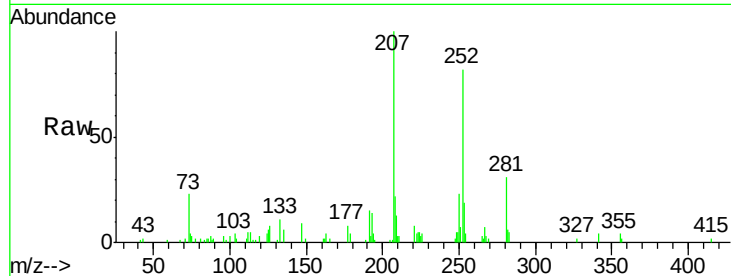
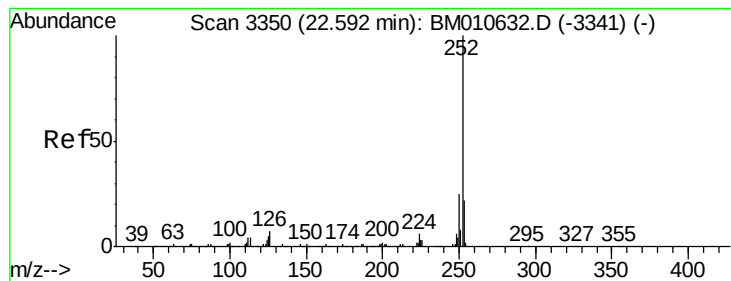
mohammad
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#82
Chrysene
Concen: 2.244 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM010641.D
Acq: 22 Jun 2017 02:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	19.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.380 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM010641.D

Acq: 22 Jun 2017 02:03

Instrument :

BNA_M

ClientSampleId :

F5E17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	46268		
253	22.9	17.9	26.9	
125	7.2	3.6	5.4	

Manual Integrations
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