

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
 Data File : BM010244.D
 Acq On : 26 May 2017 07:22
 Operator : SJ/MA
 Sample : I3340-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 08:50:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 07:20:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	115030	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	433100	20.00	ng	0.00
38) Acenaphthene-d10	14.57	164	321215	20.00	ng	0.00
63) Phenanthrene-d10	17.32	188	833153	20.00	ng	0.00
75) Chrysene-d12	21.48	240	1150374	20.00	ng	0.00
86) Perylene-d12	23.84	264	1170360	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	443129	69.57	ng	0.00
7) Phenol-d6	7.13	99	377717	46.08	ng	0.00
23) Nitrobenzene-d5	9.13	82	851840	106.11	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	682267	139.85	ng	0.00
44) 2-Fluorobiphenyl	13.20	172	2396423	95.91	ng	0.00
78) Terphenyl-d14	19.92	244	4534617	89.63	ng	0.00

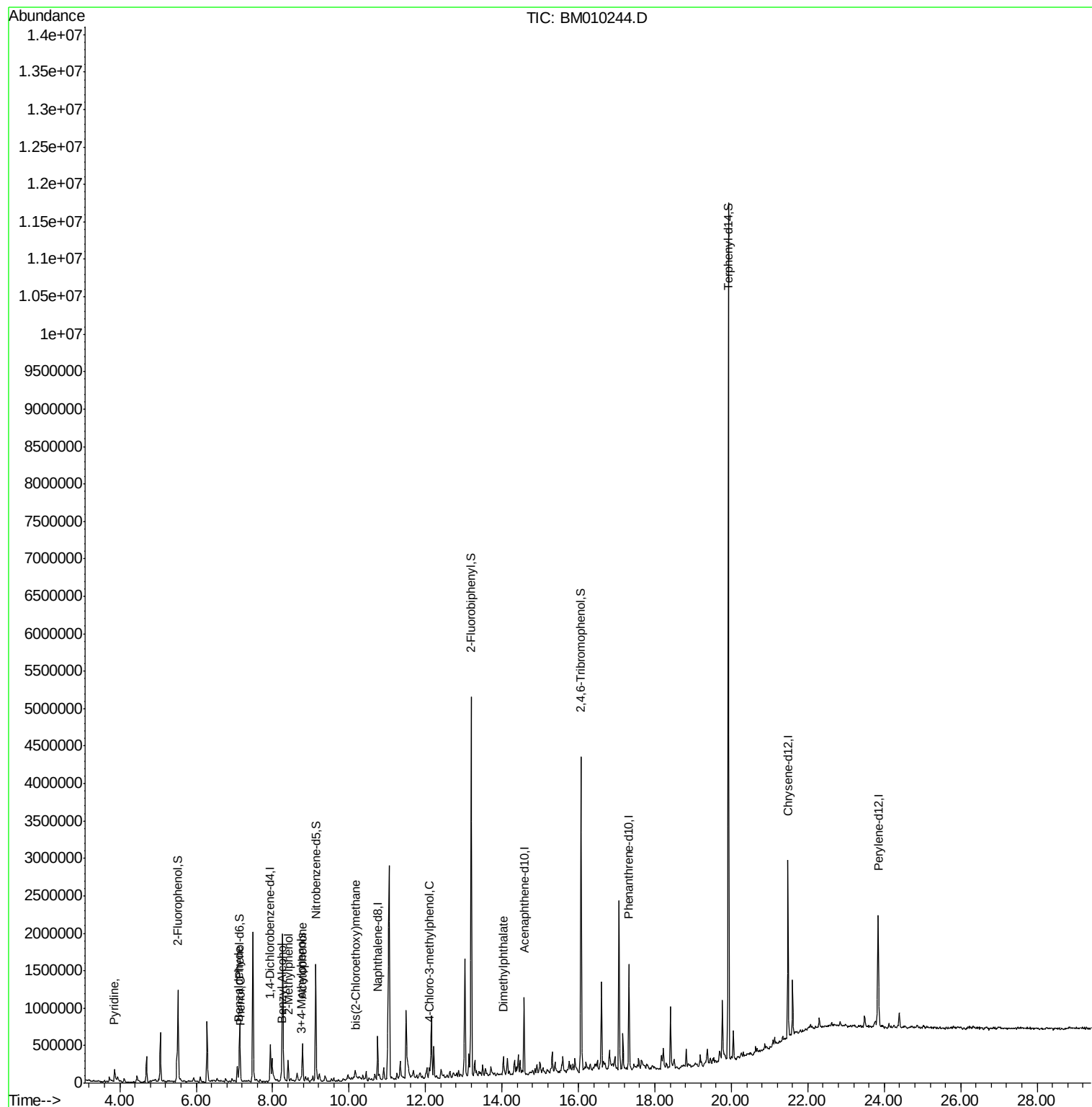
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.86	79	150010	19.15	ng	# 84
9) Benzaldehyde	7.11	77	12548	2.46	ng	# 70
10) Phenol	7.16	94	28571	3.31	ng	# 96
15) Benzyl Alcohol	8.23	79	16985	2.74	ng	# 43
17) 2-Methylphenol	8.40	107	71492	11.63	ng	# 81
20) 3+4-Methylphenols	8.74	107	18582	2.24	ng	# 72
22) Acetophenone	8.78	105	235934	21.25	ng	# 96
28) bis(2-Chloroethoxy)methane	10.18	93	17798	2.02	ng	# 72
36) 4-Chloro-3-methylphenol	12.10	107	20895	2.66	ng	# 19
49) Dimethylphthalate	14.03	163	117637	4.11	ng	# 97

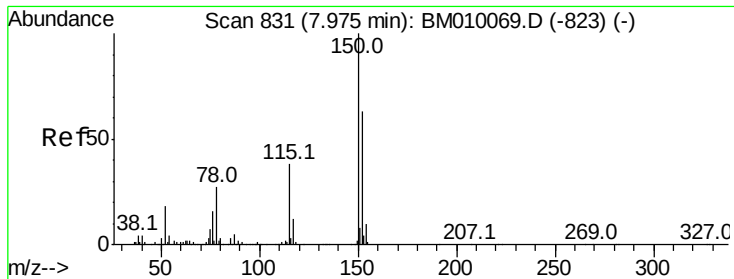
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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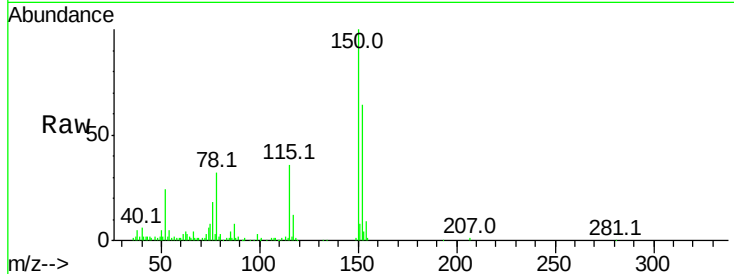


#1

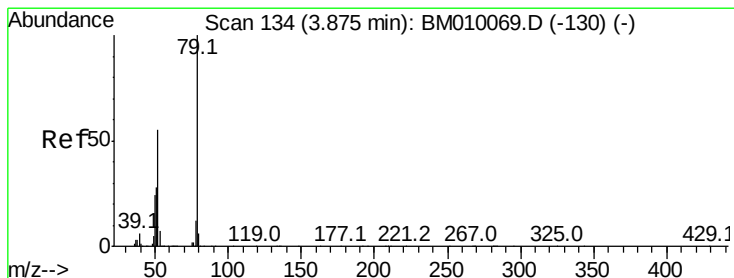
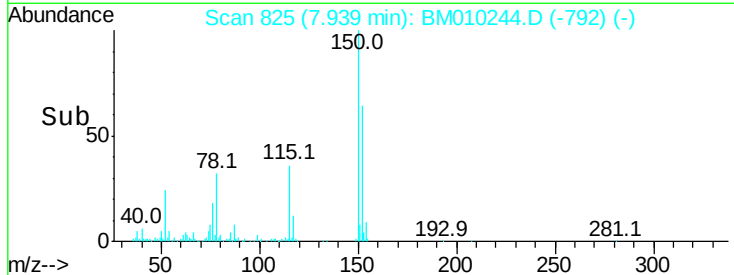
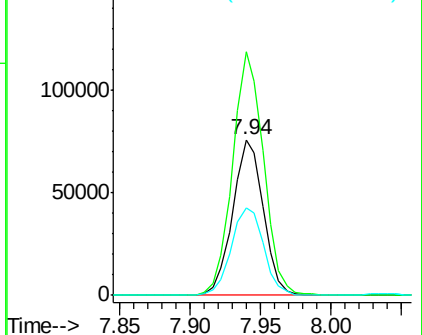
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.5	179.3
115	56.2	43.0	64.4



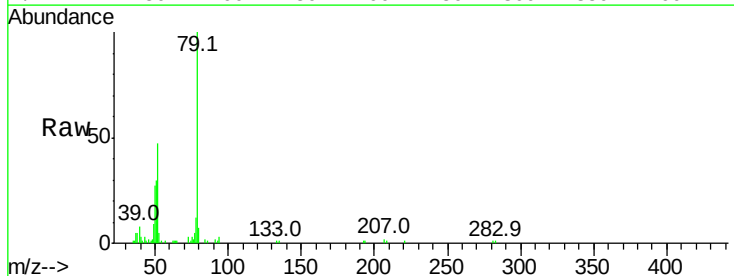
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



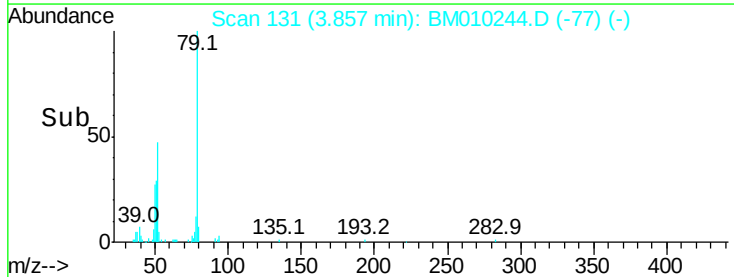
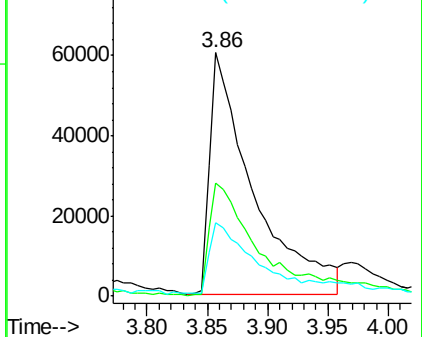
#3

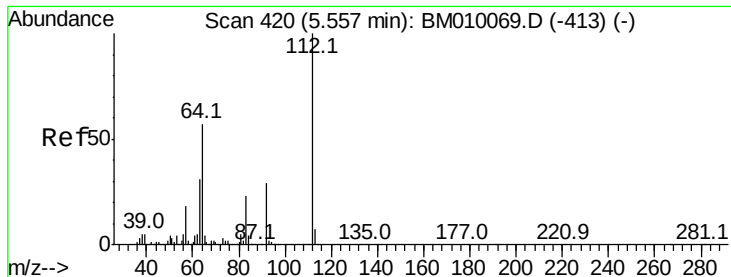
Pyridine
Concen: 19.15 ng
RT: 3.86 min Scan# 131
Delta R.T. 0.02 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

Tgt Ion	Ratio	Lower	Upper
79	100		
52	46.7	51.1	76.7#
51	30.2	26.1	39.1



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 69.57 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.00 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

Instrument :

BNA_M

ClientSampled :

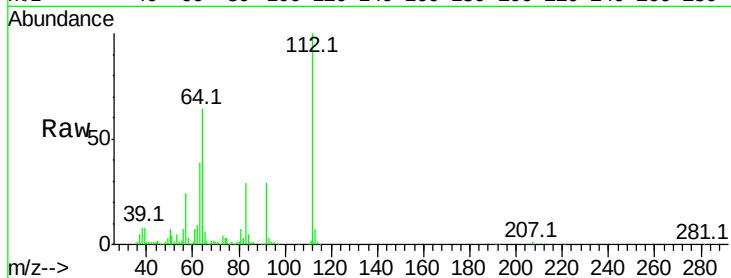
Tot Ion:112 Resp: 443129

Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

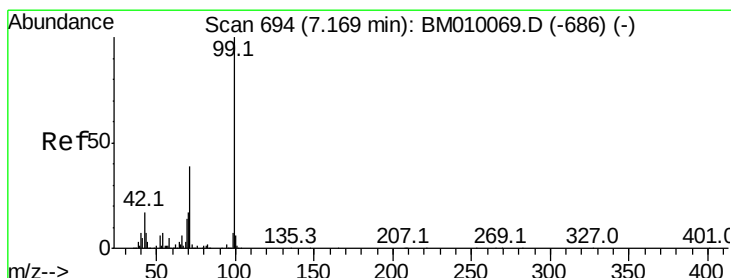
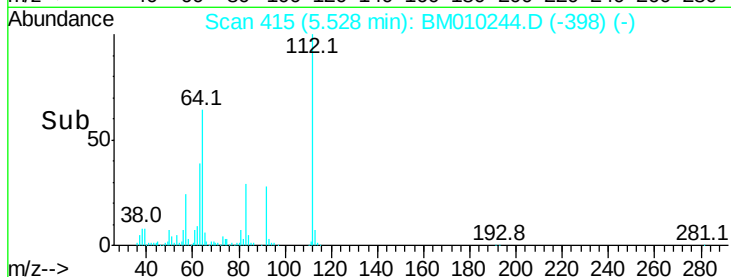
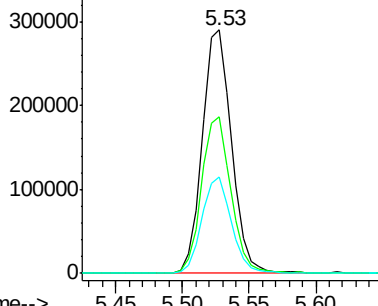
63 39.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 46.08 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

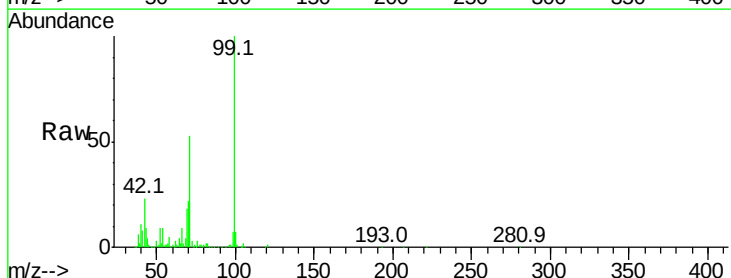
Tgt Ion: 99 Resp: 377717

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

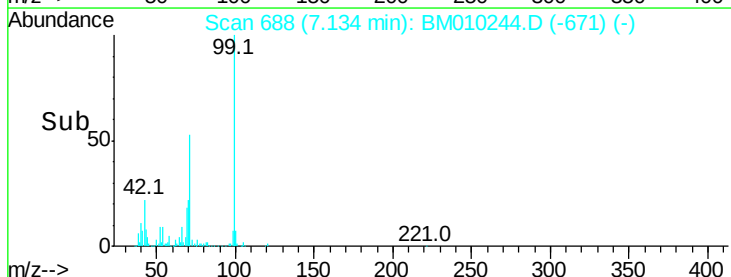
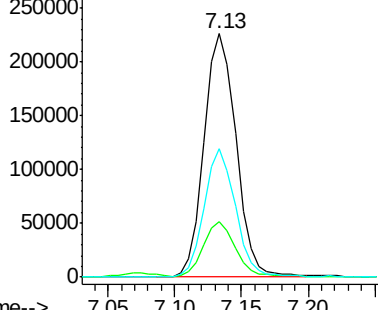
71 52.8 23.4 35.2#

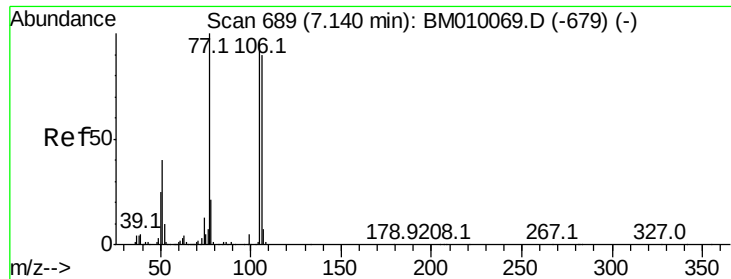


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyde

Concen: 2.46 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

Instrument :

BNA_M

ClientSampled :

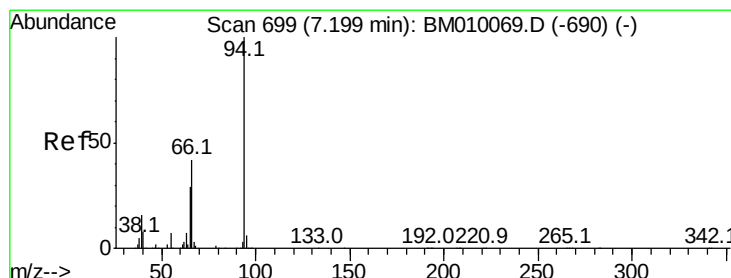
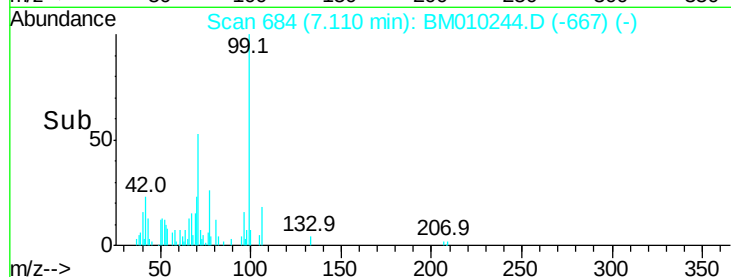
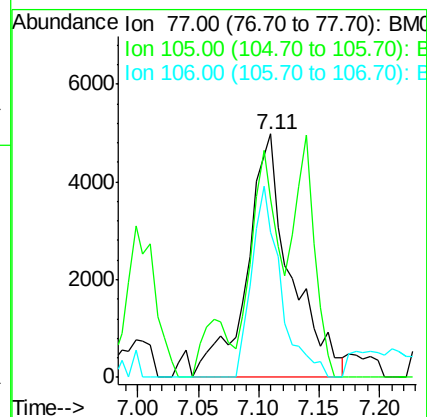
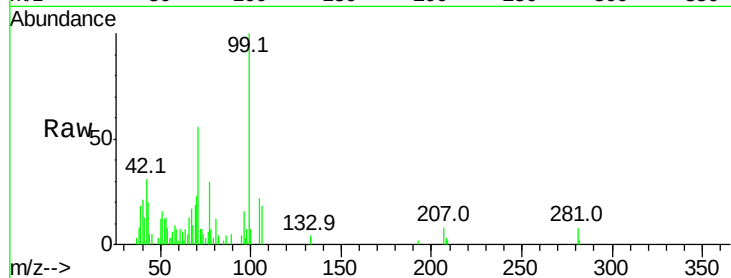
Tot Ion: 77 Resp: 12548

Ion Ratio Lower Upper

77 100

105 73.2 78.8 118.8#

106 59.5 73.7 113.7#



#10

Phenol

Concen: 3.31 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

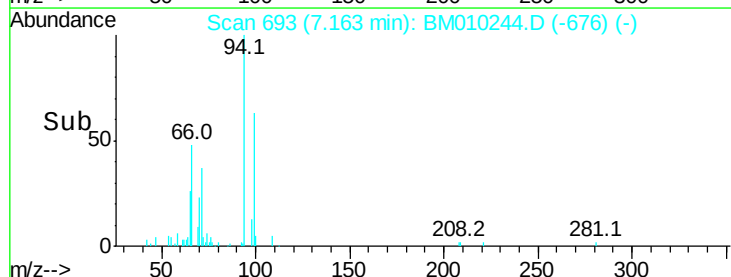
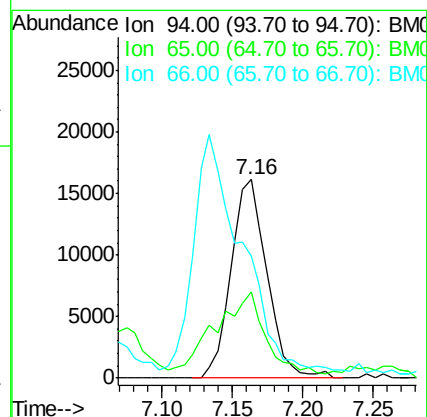
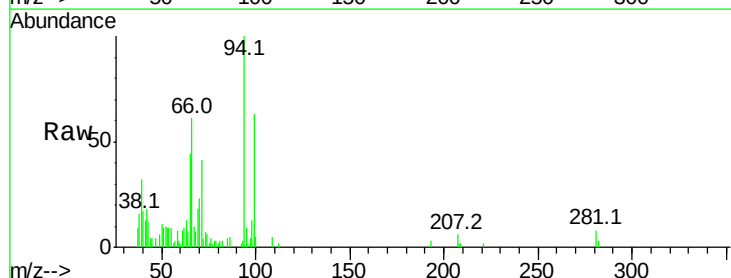
Tgt Ion: 94 Resp: 28571

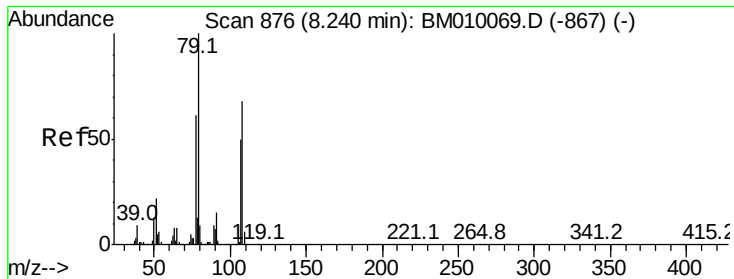
Ion Ratio Lower Upper

94 100

65 43.5 18.8 58.8

66 61.3 39.9 79.9





#15

Benzyl Alcohol

Concen: 2.74 ng

RT: 8.23 min Scan# 874

Delta R.T. 0.02 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

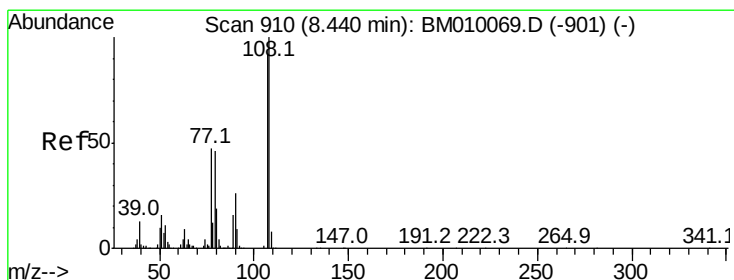
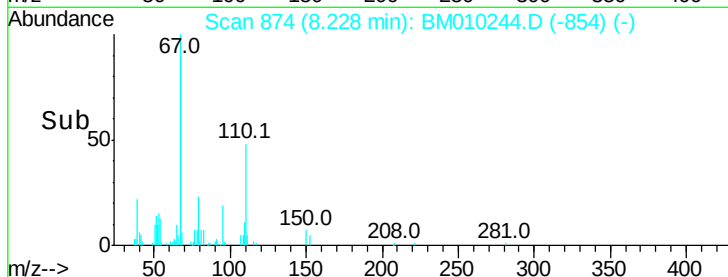
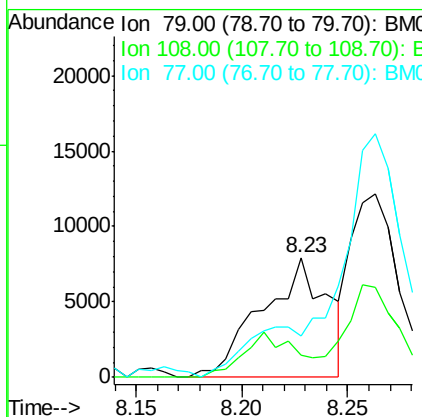
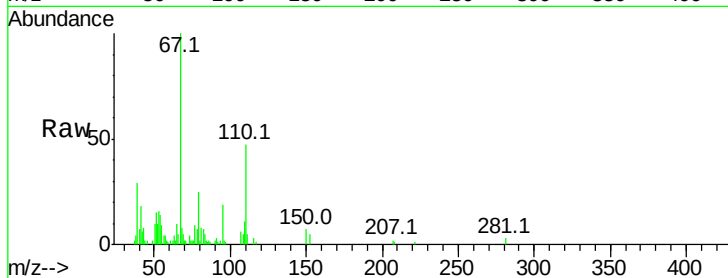
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 16985

Ion	Ratio	Lower	Upper
79	100		
108	18.6	65.0	97.4#
77	34.7	53.0	79.6#



#17

2-Methylphenol

Concen: 11.63 ng

RT: 8.40 min Scan# 904

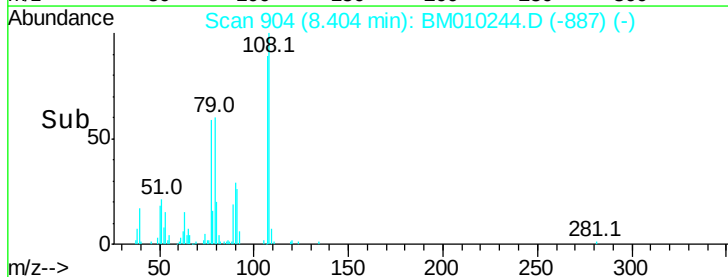
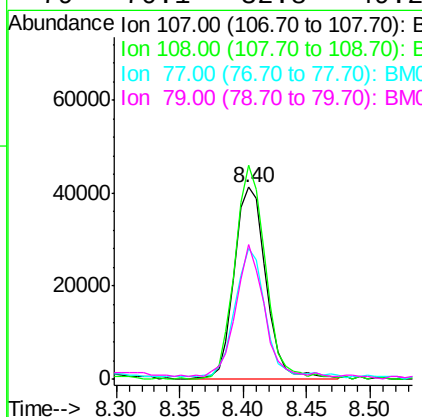
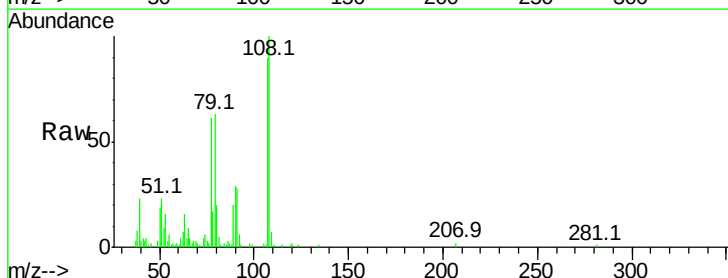
Delta R.T. -0.00 min

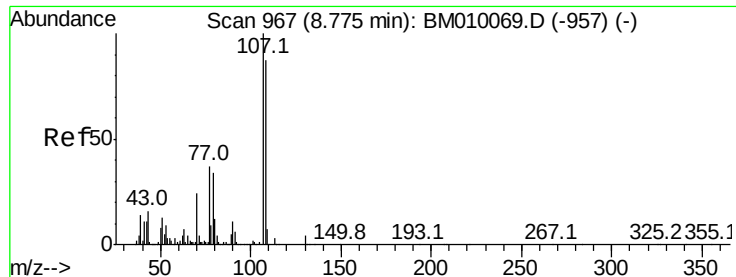
Lab File: BM010244.D

Acq: 26 May 2017 07:22

Tgt Ion: 107 Resp: 71492

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.8
77	67.8	32.6	48.8#
79	70.1	32.8	49.2#





#20

3+4-Methylphenols

Concen: 2.24 ng

RT: 8.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BM010244.D

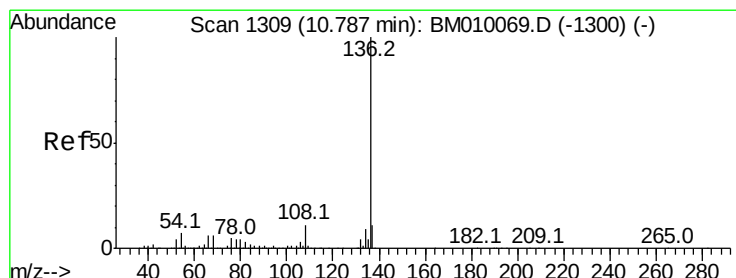
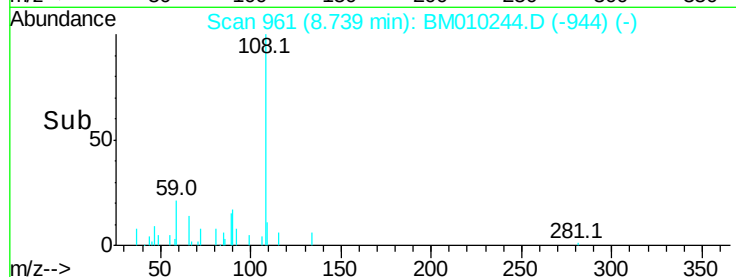
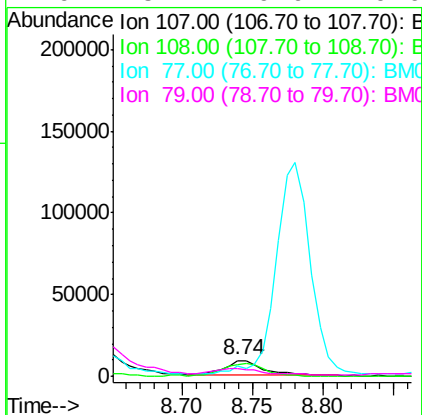
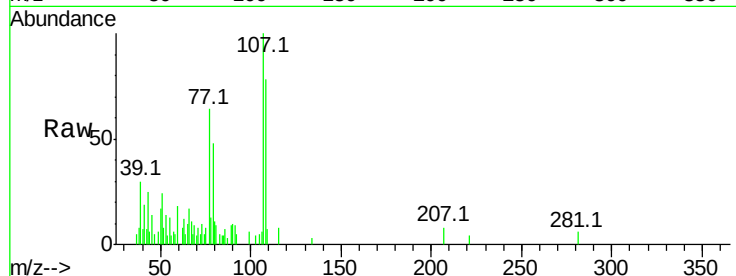
Acq: 26 May 2017 07:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	18582
Ion	Ratio	Lower	Upper
107	100		
108	78.2	73.2	113.2
77	64.2	10.7	50.7#
79	48.4	9.6	49.6



#21

Naphthalene-d8

Concen: 20.00 ng

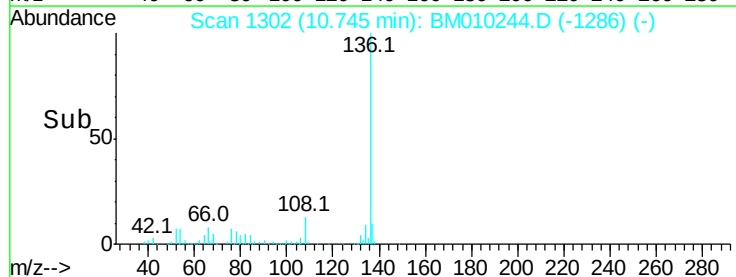
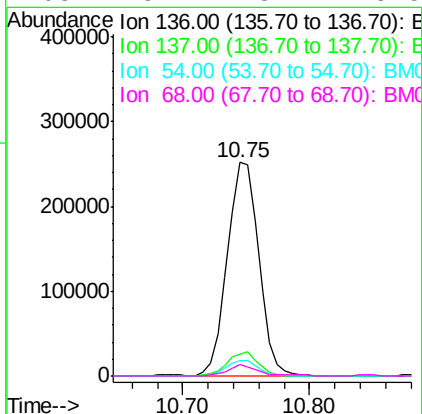
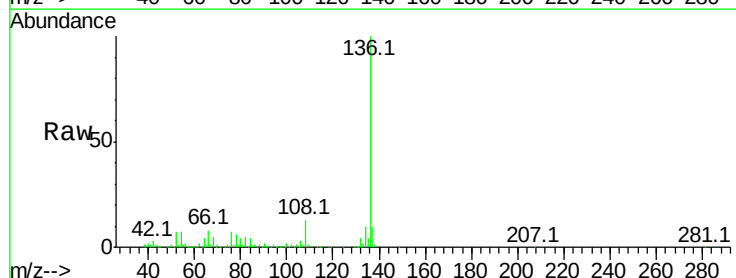
RT: 10.75 min Scan# 1302

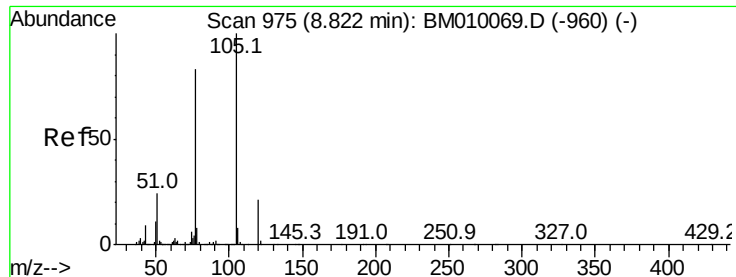
Delta R.T. -0.01 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

Tgt Ion:	136	Resp:	433100
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.2	4.6	6.8#
68	5.2	3.7	5.5





#22

Acetophenone

Concen: 21.25 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010244.D

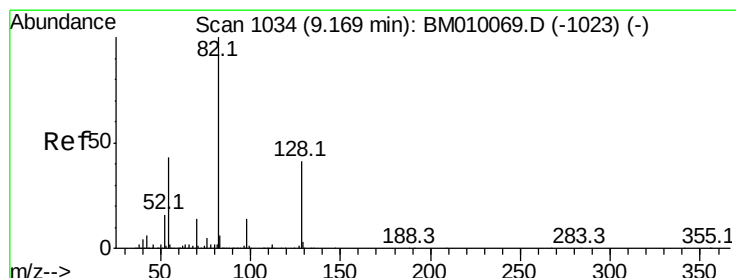
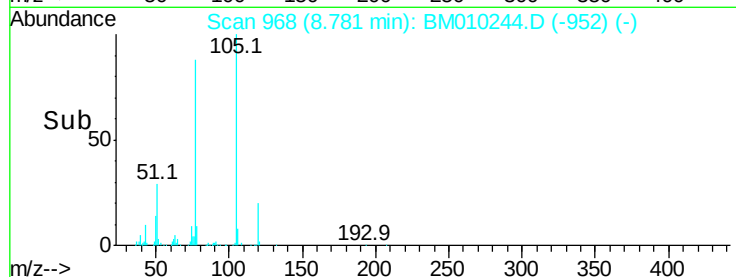
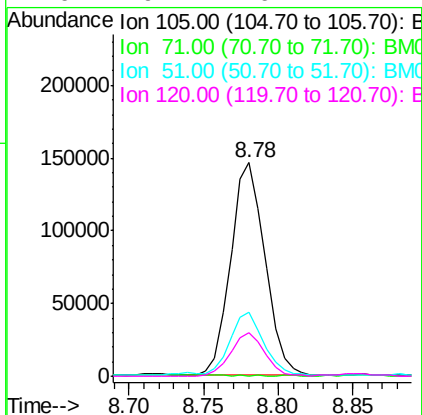
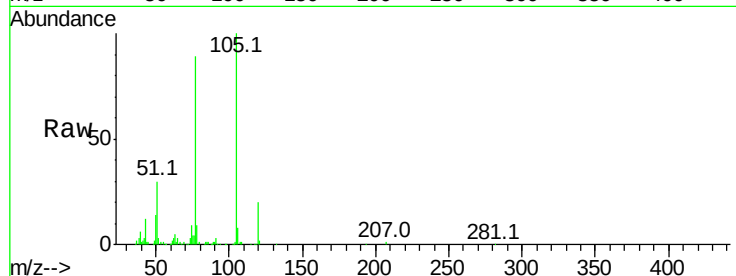
Acq: 26 May 2017 07:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	105	Resp:	235934
Ion Ratio	Lower	Upper	
105	100		
71	0.2	0.6	1.0#
51	30.2	21.6	32.4
120	20.4	16.1	24.1



#23

Nitrobenzene-d5

Concen: 106.11 ng

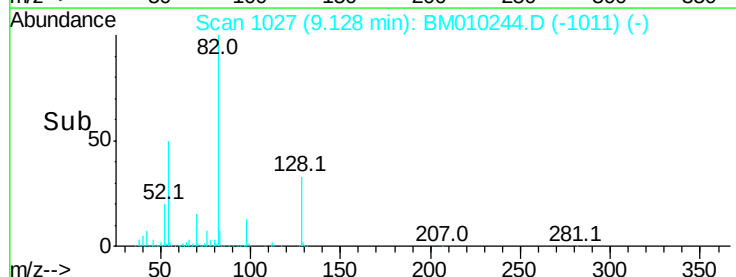
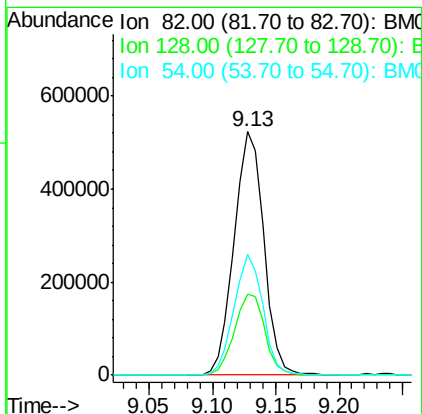
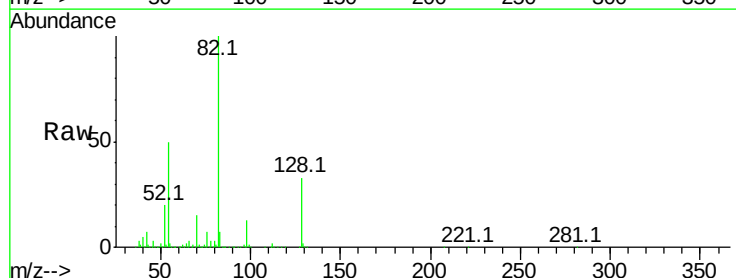
RT: 9.13 min Scan# 1027

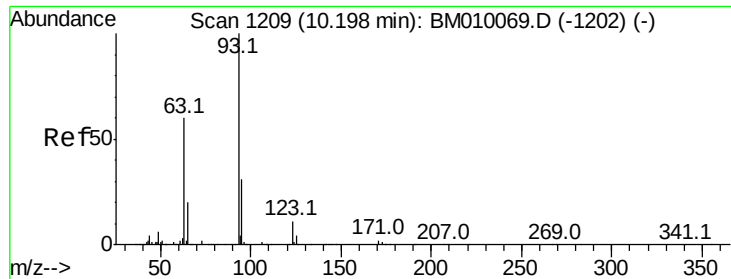
Delta R.T. -0.01 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

Tgt Ion:	82	Resp:	851840
Ion Ratio	Lower	Upper	
82	100		
128	33.3	32.8	49.2
54	49.5	40.6	60.8

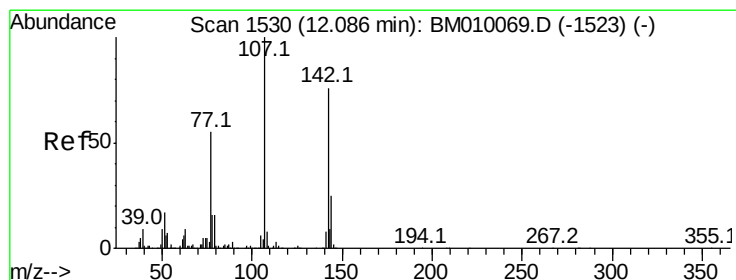
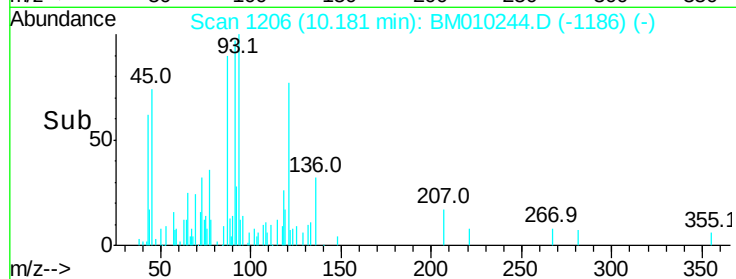
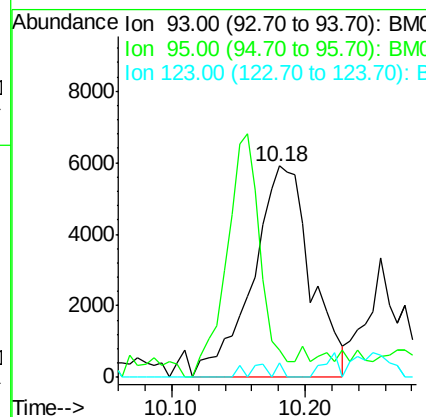
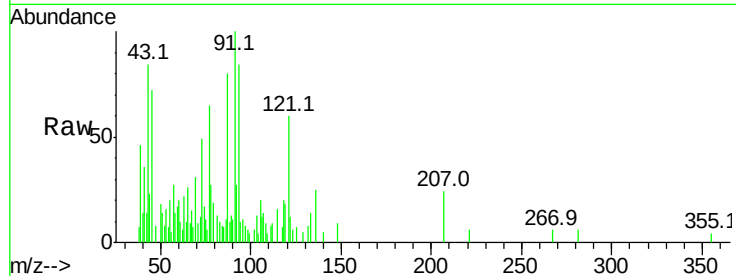




#28
bis(2-Chloroethoxy)methane
Concen: 2.02 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.02 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

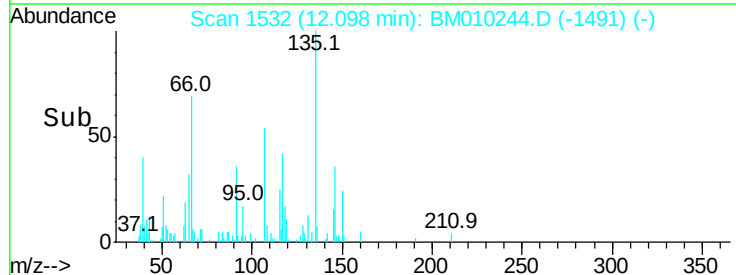
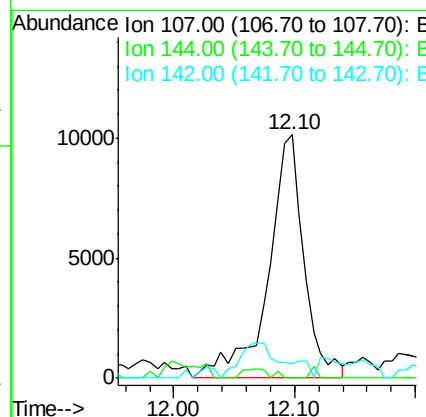
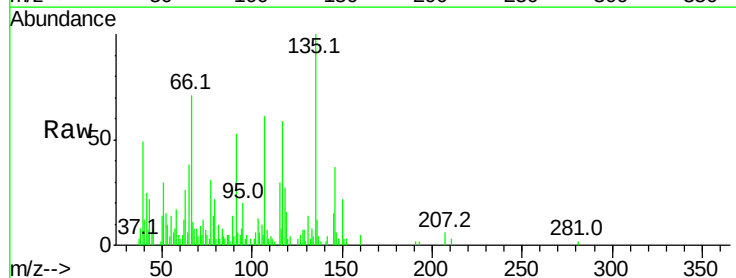
Instrument :
BNA_M
ClientSampled :

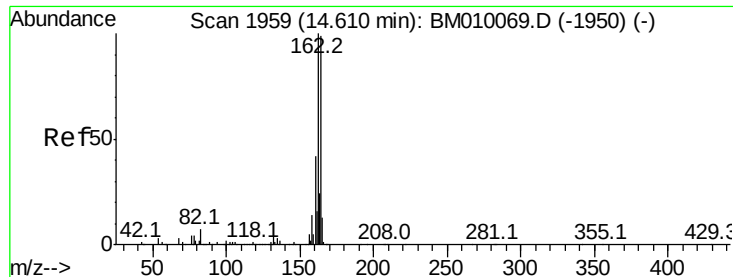
Tot Ion	93	Resp	17798
Ion Ratio	100		
95	13.0	25.5	38.3#
123	7.1	8.6	13.0#



#36
4-Chloro-3-methylphenol
Concen: 2.66 ng
RT: 12.10 min Scan# 1532
Delta R.T. 0.04 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

Tgt Ion	107	Resp	20895
Ion Ratio	100		
144	0.0	23.3	34.9#
142	6.0	72.6	109.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM010244.D

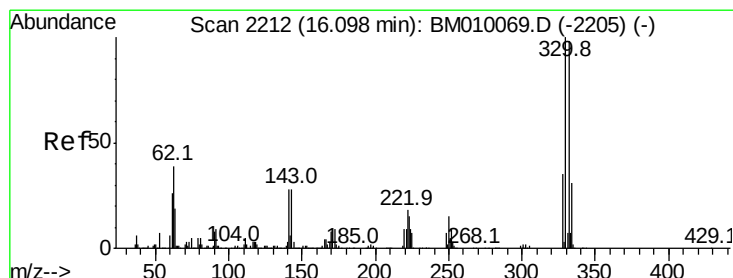
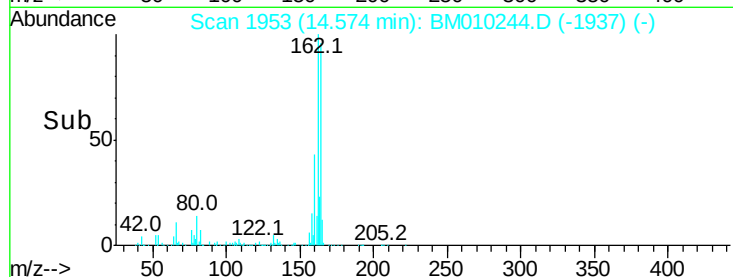
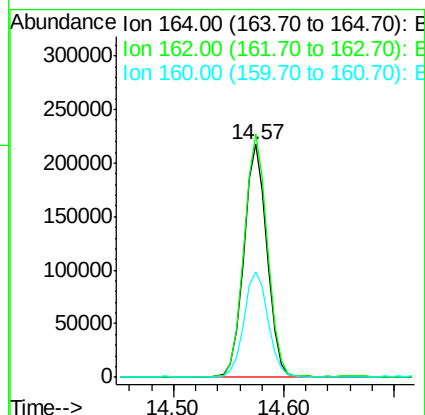
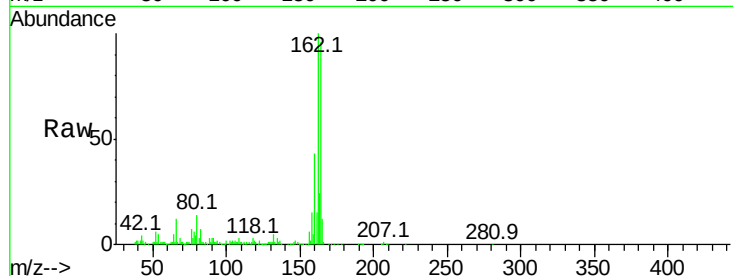
Acq: 26 May 2017 07:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	164	Resp:	321215
Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	45.1	35.8	53.6



#41

2,4,6-Tribromophenol

Concen: 139.85 ng

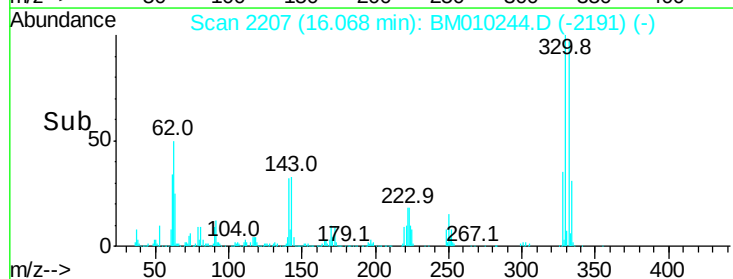
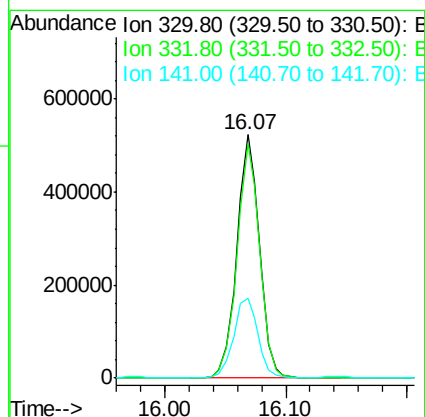
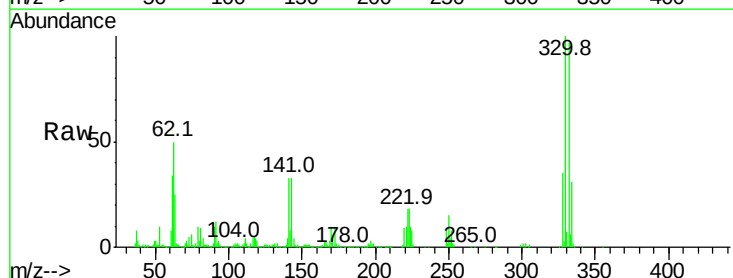
RT: 16.07 min Scan# 2207

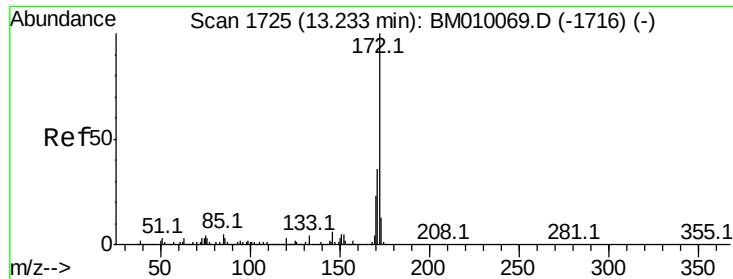
Delta R.T. -0.01 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

Tgt Ion:	330	Resp:	682267
Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.9	0.0	0.0#

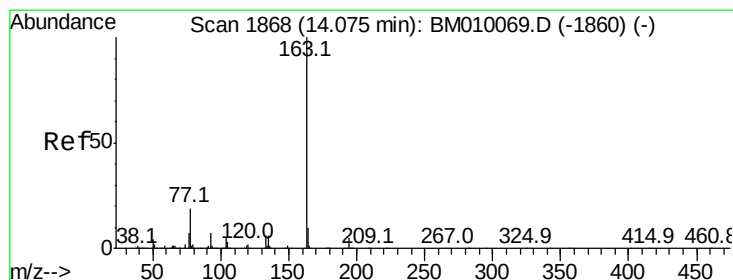
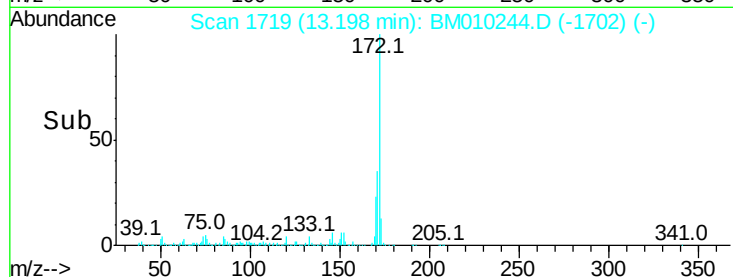
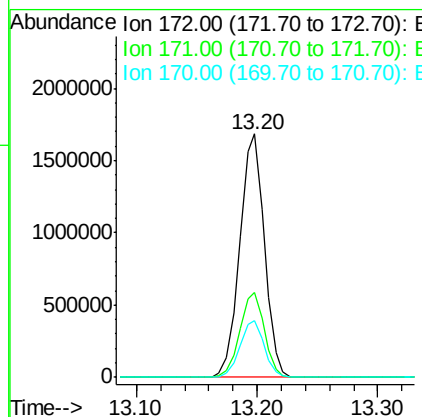
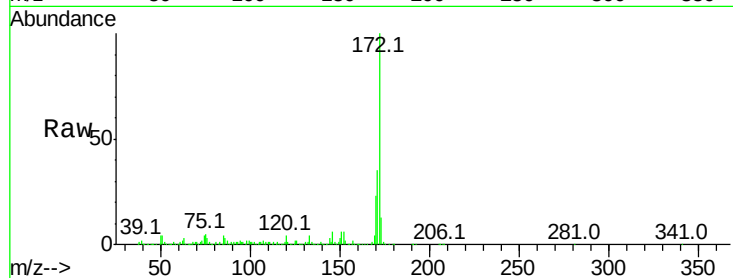




#44
2-Fluorobiphenyl
Concen: 95.91 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

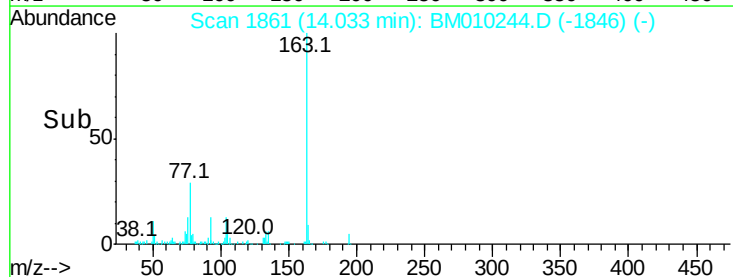
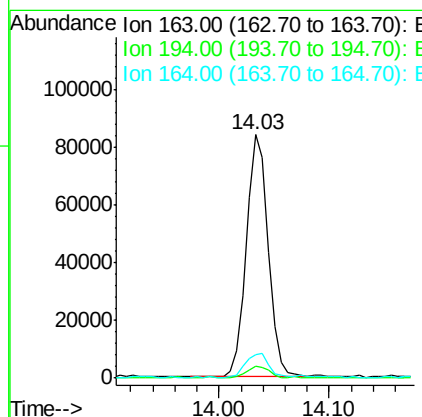
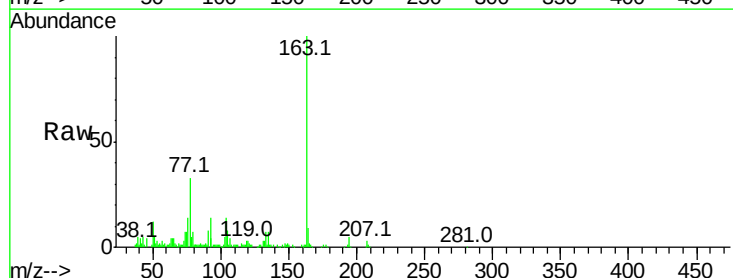
Instrument :
BNA_M
ClientSampleId :

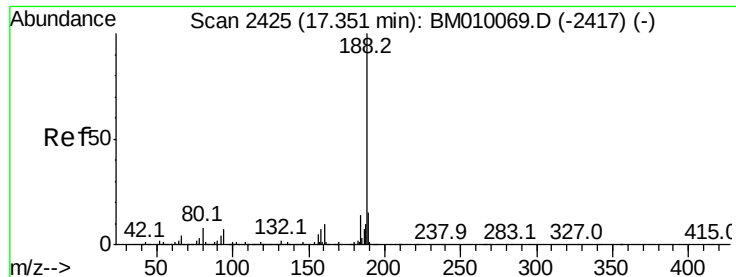
Tot Ion:172 Resp: 2396423
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.3 18.8 28.2



#49
Dimethylphthalate
Concen: 4.11 ng
RT: 14.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

Tgt Ion:163 Resp: 117637
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 9.4 8.2 12.2

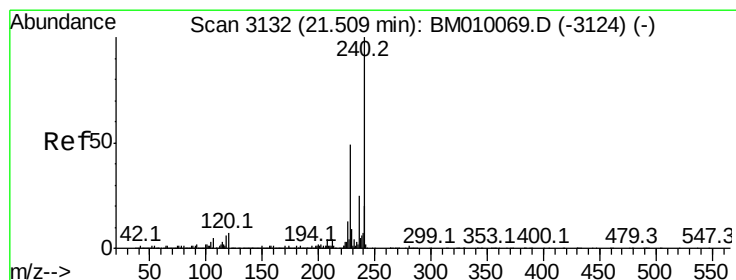
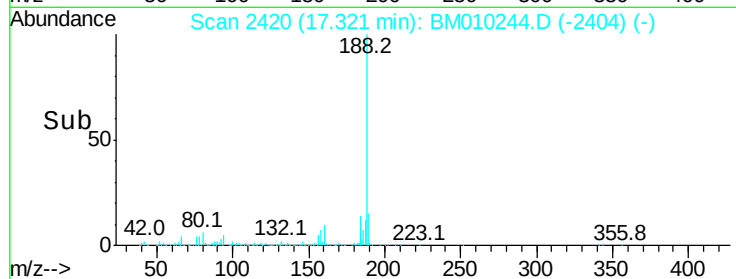
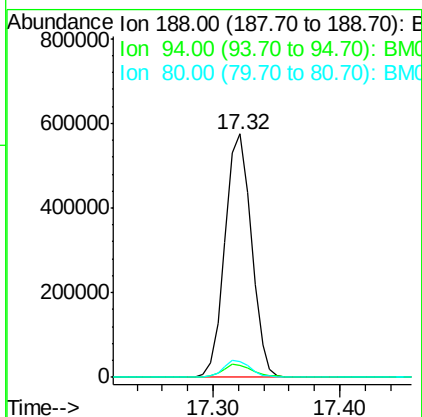
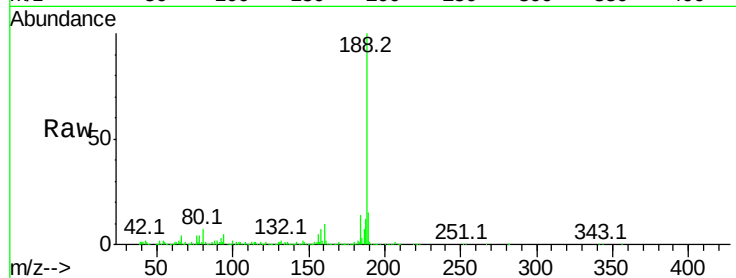




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

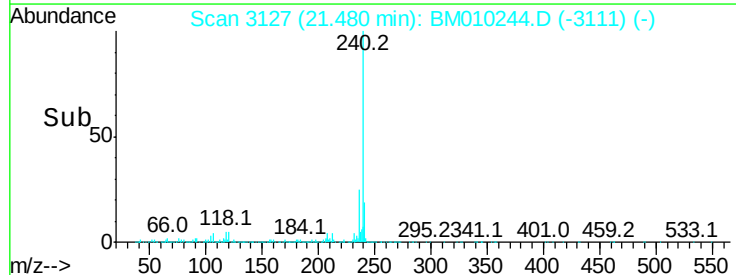
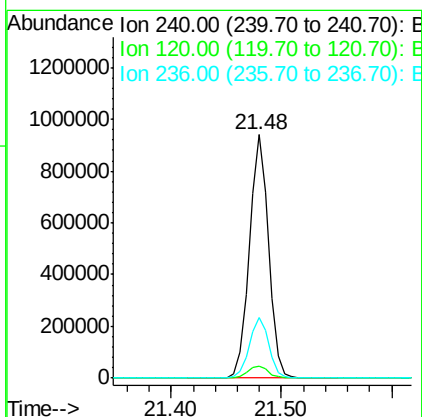
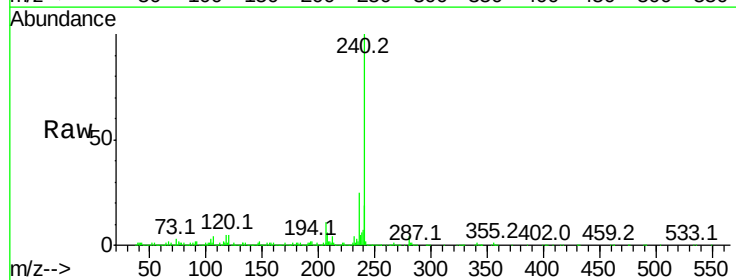
Instrument :
BNA_M
ClientSampleId :

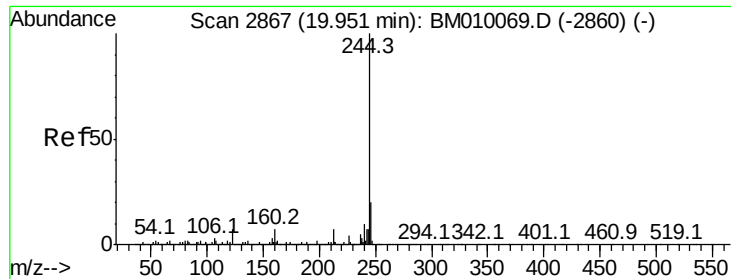
Tot Ion:188 Resp: 833153
Ion Ratio Lower Upper
188 100
94 5.0 8.7 13.1#
80 6.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM010244.D
Acq: 26 May 2017 07:22

Tgt Ion:240 Resp: 1150374
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 89.63 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

Instrument :

BNA_M

ClientSampled :

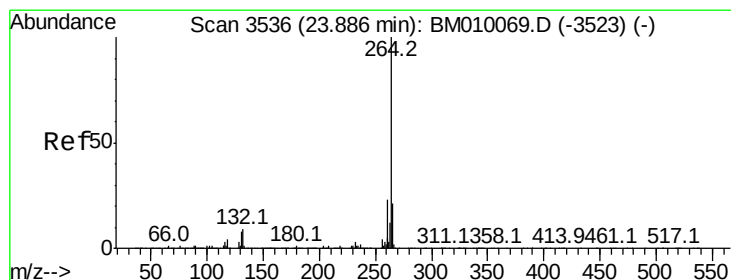
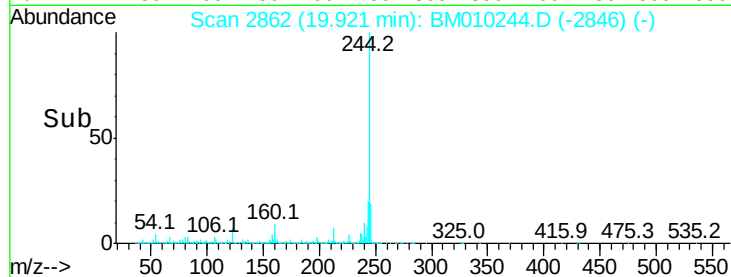
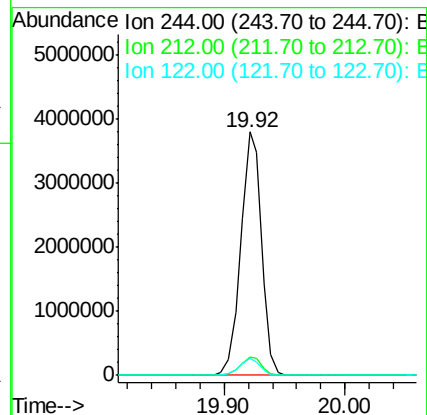
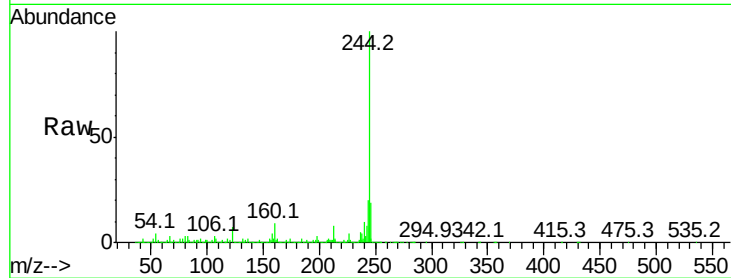
Tot Ion:244 Resp: 4534617

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.9 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BM010244.D

Acq: 26 May 2017 07:22

Tgt Ion:264 Resp: 1170360

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.8 17.3 25.9

