

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003440.D
 Acq On : 10 Dec 2015 07:42
 Operator : UM/IZ
 Sample : G4690-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 11:26:01 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

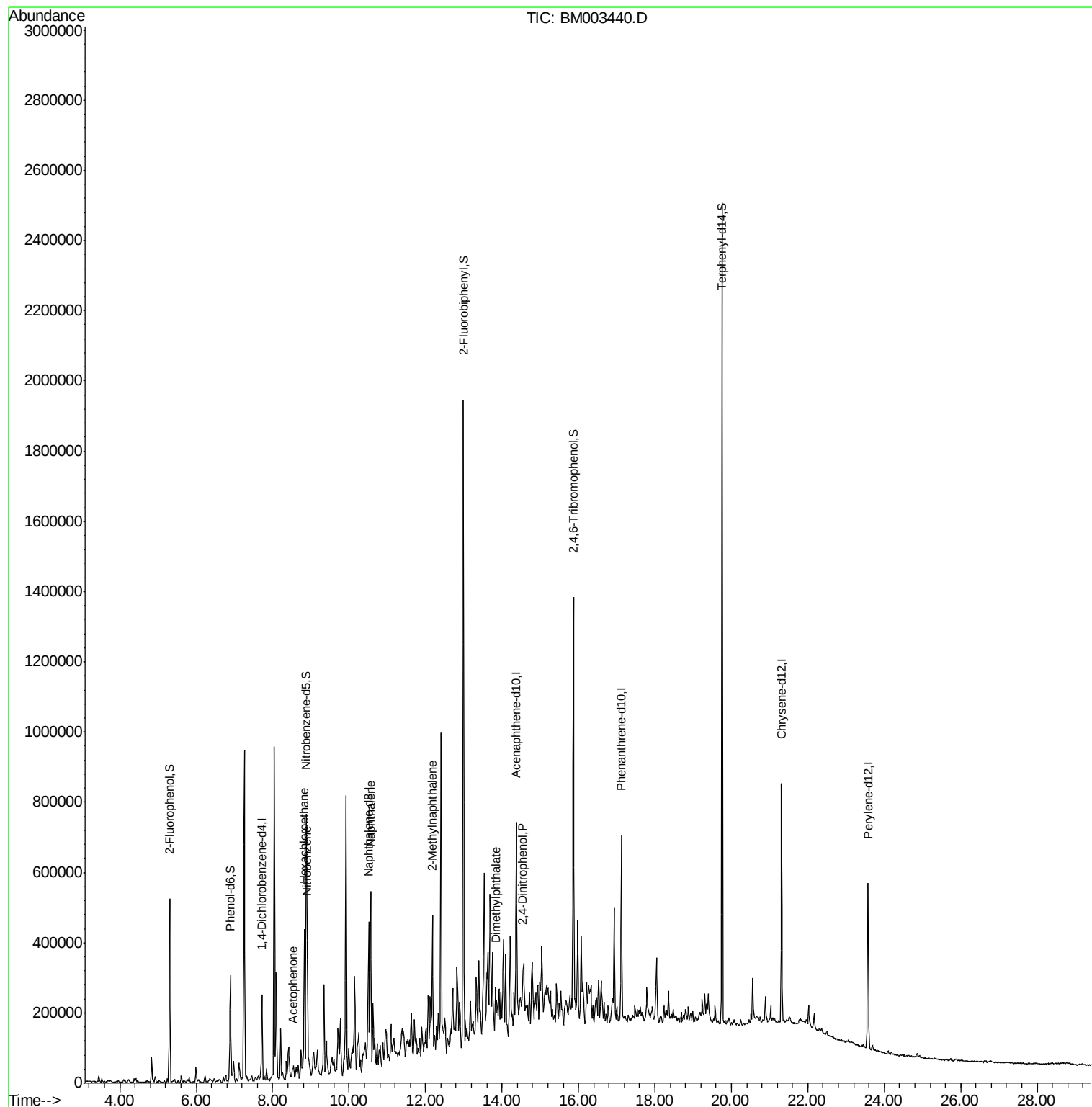
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	65807	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	266084	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	148328	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	294806	20.00	ng	0.00
75) Chrysene-d12	21.32	240	319319	20.00	ng	0.00
86) Perylene-d12	23.57	264	322120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	237379	64.13	ng	0.00
7) Phenol-d6	6.89	99	186596	36.30	ng	0.00
23) Nitrobenzene-d5	8.88	82	424381	98.89	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	206673	139.52	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	958201	88.01	ng	0.00
78) Terphenyl-d14	19.76	244	978626	72.28	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.83	117	58898	32.29	ng	# 1
22) Acetophenone	8.52	105	16470	2.53	ng	# 59
24) Nitrobenzene	8.91	77	13452	2.90	ng	# 13
31) Naphthalene	10.56	128	309090	22.20	ng	96
32) Benzoic acid	9.79	122	939	Below Cal	#	1
37) 2-Methylnaphthalene	12.18	142	165059	17.28	ng	96
49) Dimethylphthalate	13.83	163	79520	6.51	ng	97
53) 2,4-Dinitrophenol	14.54	184	255	6.97	ng	# 1

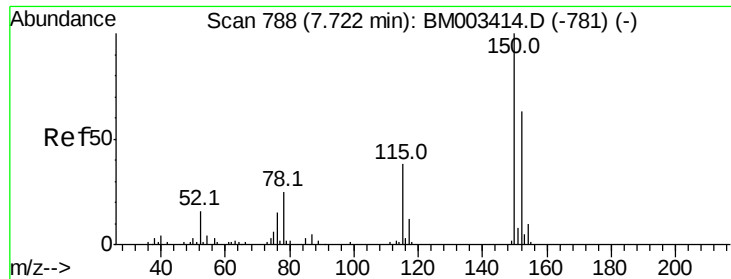
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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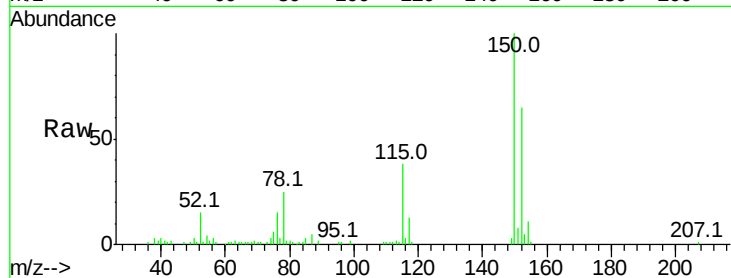


#1

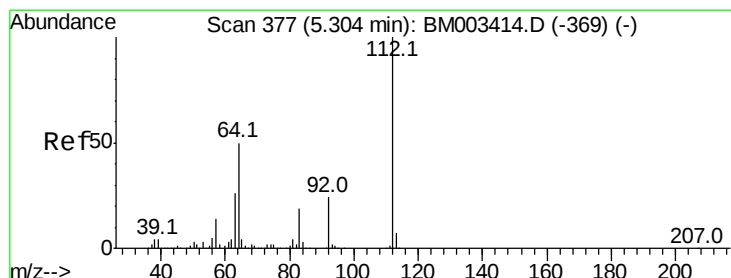
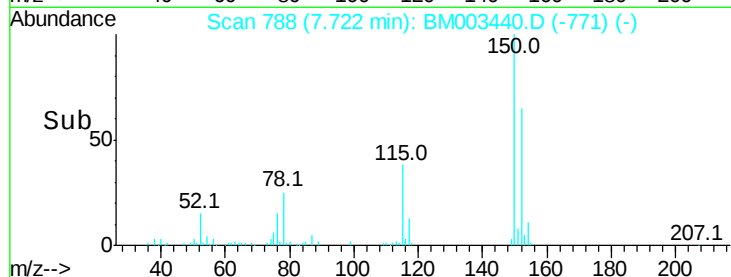
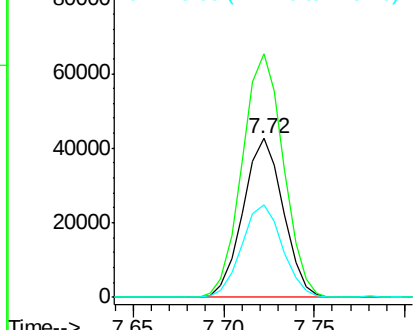
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 65807
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 58.5 43.0 64.4



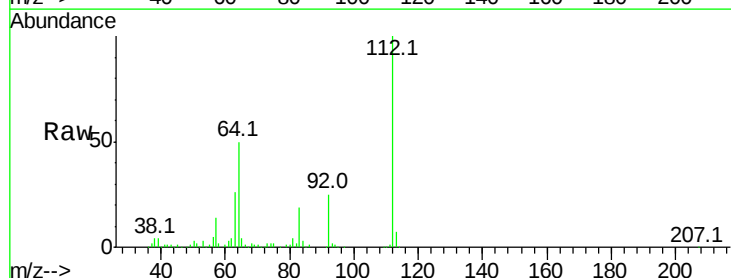
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



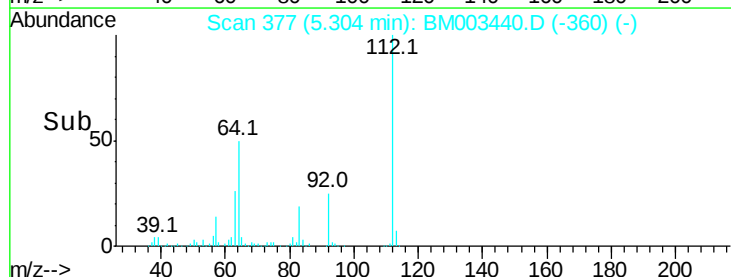
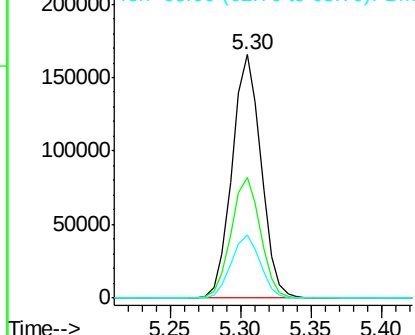
#5

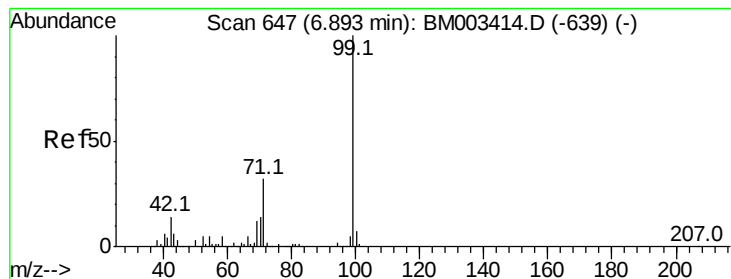
2-Fluorophenol
Concen: 64.13 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:112 Resp: 237379
Ion Ratio Lower Upper
112 100
64 49.8 38.6 57.8
63 25.8 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 36.30 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

Instrument :

BNA_M

ClientSampleId :

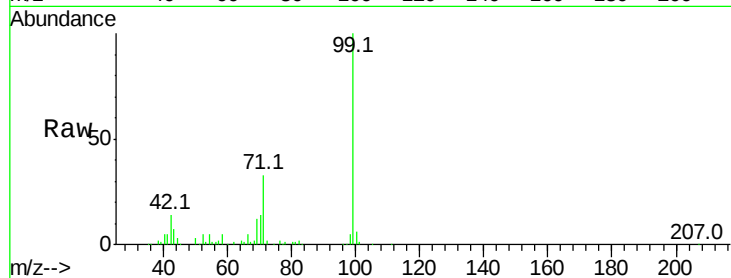
Tot Ion: 99 Resp: 186596

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

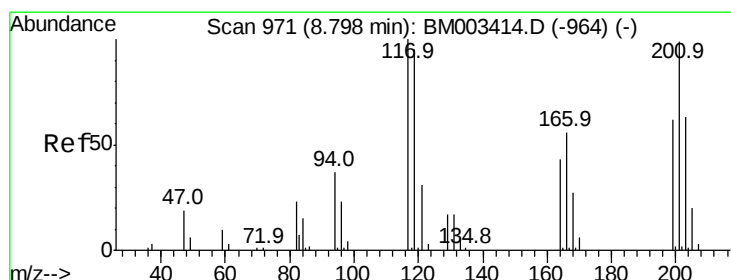
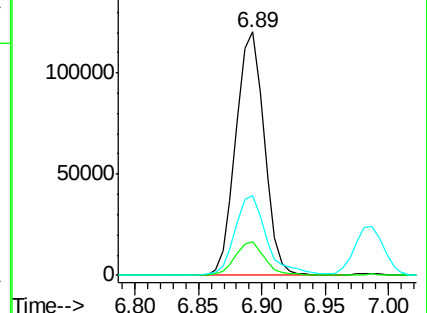
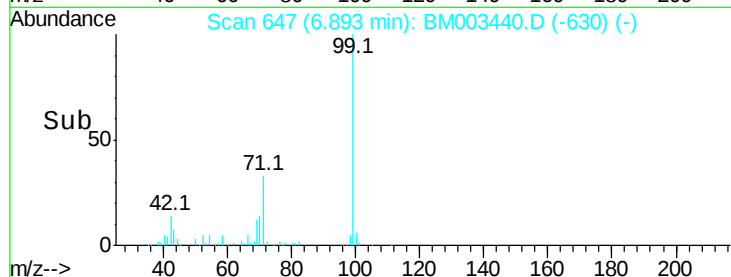
71 32.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003440.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003440.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003440.D (-639) (-)



#18

Hexachloroethane

Concen: 32.29 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.03 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

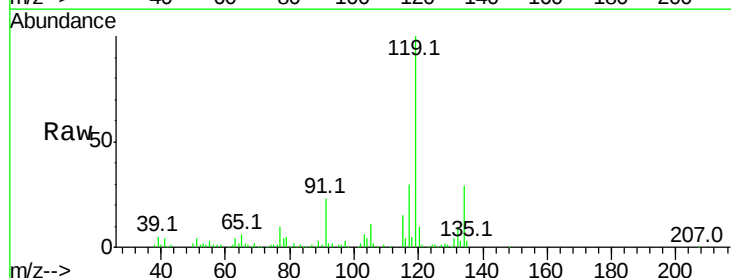
Tgt Ion: 117 Resp: 58898

Ion Ratio Lower Upper

117 100

119 329.9 79.2 118.8#

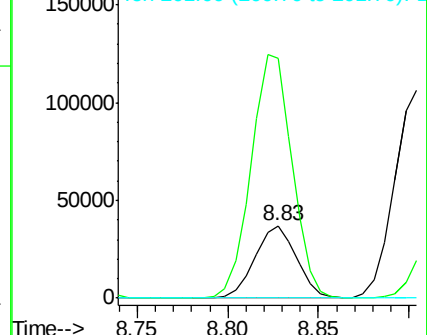
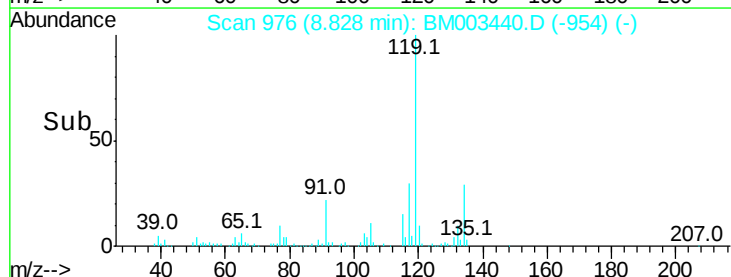
201 0.0 69.8 104.6#

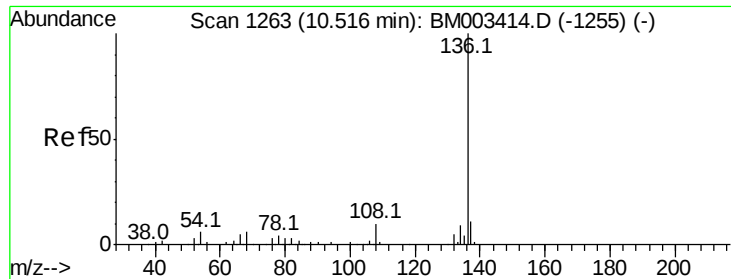


Abundance Ion 117.00 (116.70 to 117.70): BM003440.D (-954) (-)

Ion 119.00 (118.70 to 119.70): BM003440.D (-954) (-)

Ion 201.00 (200.70 to 201.70): BM003440.D (-954) (-)

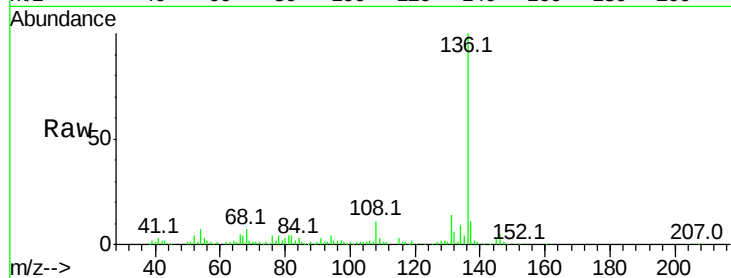




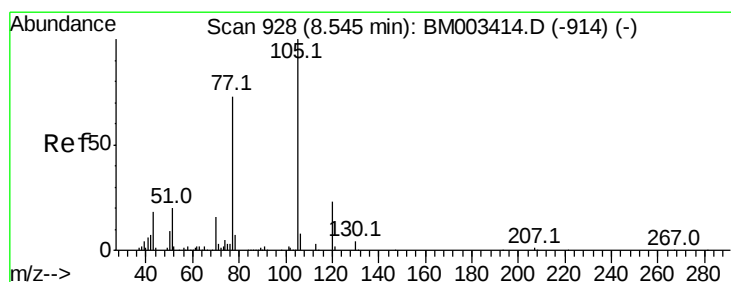
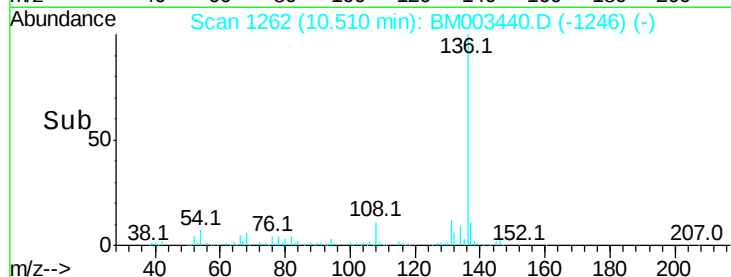
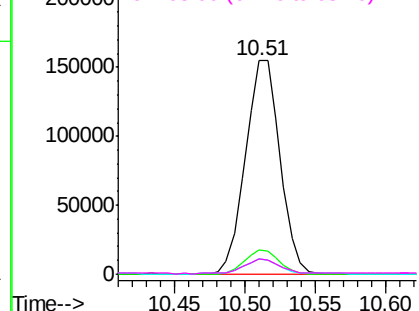
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	266084
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	7.0	4.6 6.8#
68	7.0	3.7 5.5#

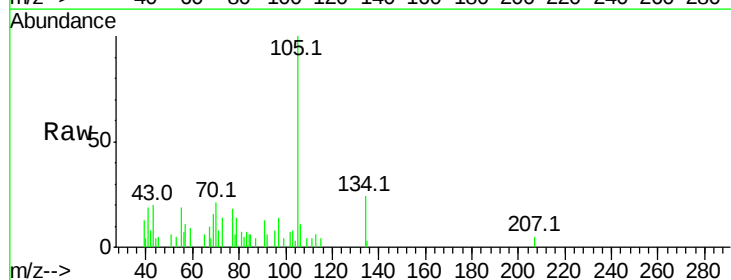


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

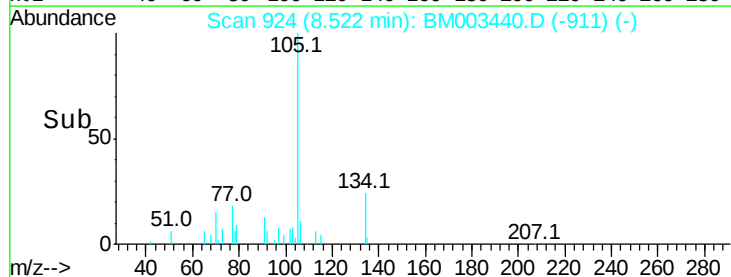
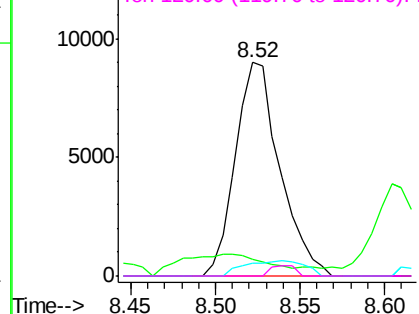


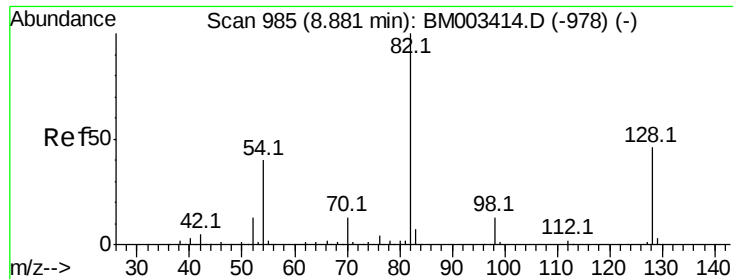
#22
Acetophenone
Concen: 2.53 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:105	Resp:	16470
Ion Ratio	Lower	Upper
105	100	
71	7.9	0.6 1.0#
51	6.1	21.6 32.4#
120	0.0	16.1 24.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

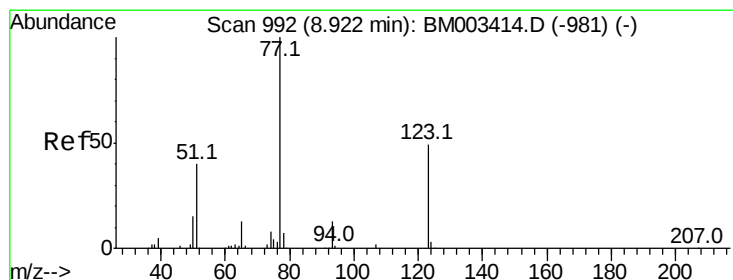
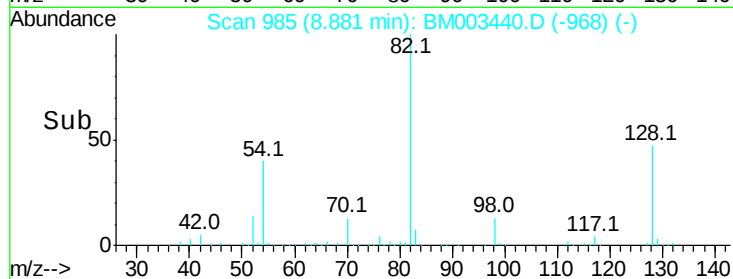
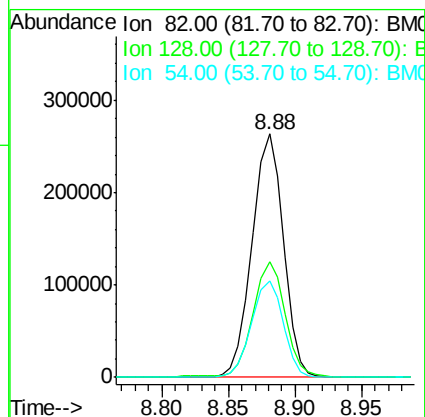
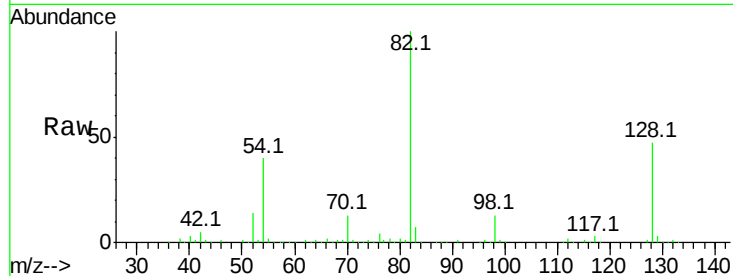




#23
Nitrobenzene-d5
Concen: 98.89 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

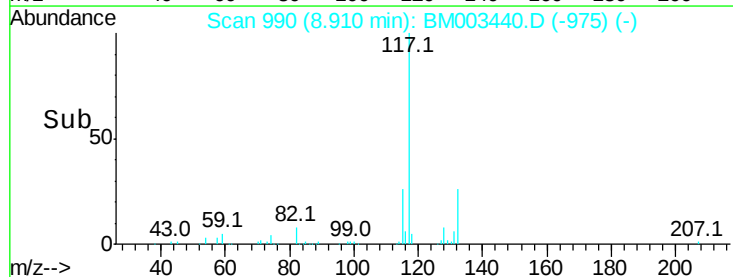
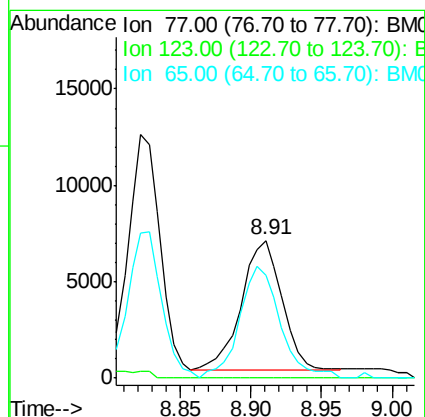
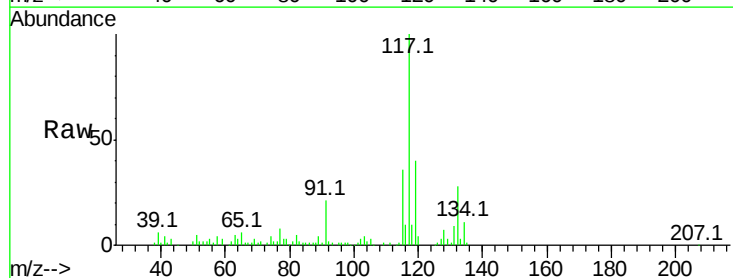
Instrument :
BNA_M
ClientSampleId :

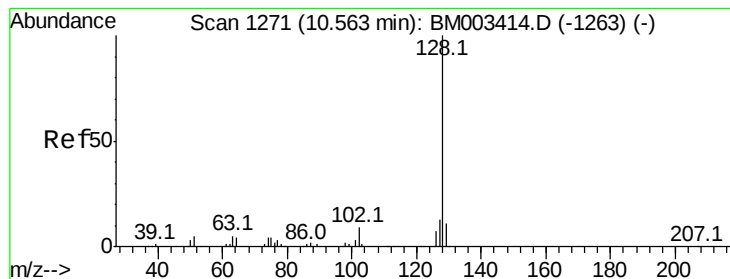
Tot Ion: 82 Resp: 424381
Ion Ratio Lower Upper
82 100
128 47.3 32.8 49.2
54 39.7 40.6 60.8#



#24
Nitrobenzene
Concen: 2.90 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion: 77 Resp: 13452
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 74.7 10.9 16.3#





#31

Naphthalene

Concen: 22.20 ng

RT: 10.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

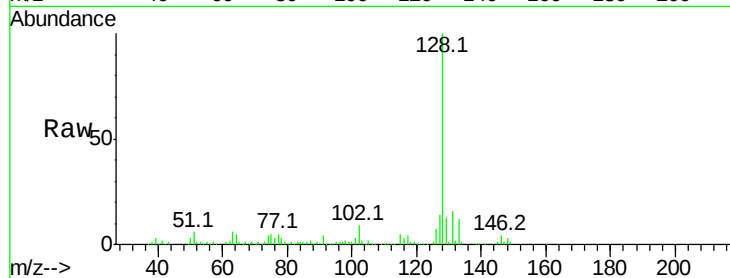
Instrument :

BNA_M

ClientSampled :

Tot Ion:128 Resp: 309090

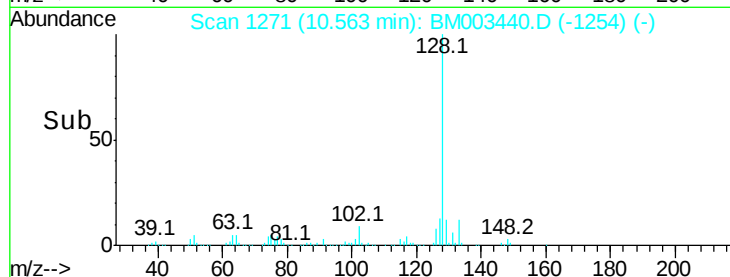
Ion	Ratio	Lower	Upper
128	100		
129	13.2	8.9	13.3
127	13.8	10.4	15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



250000

200000

150000

100000

50000

0

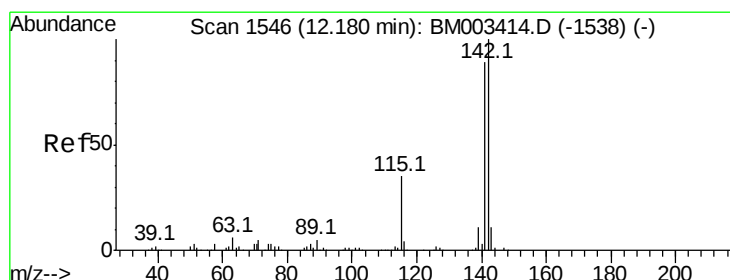
Time-->

10.50

10.55

10.60

10.56



#37

2-Methylnaphthalene

Concen: 17.28 ng

RT: 12.18 min Scan# 1546

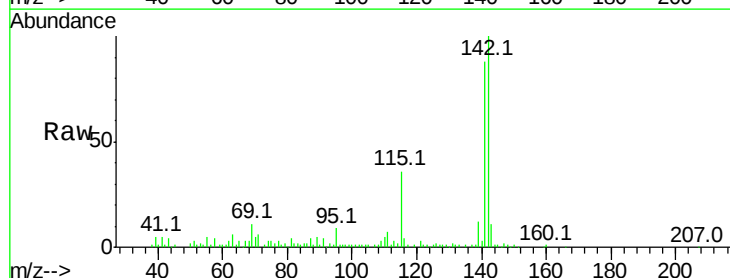
Delta R.T. 0.00 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

Tgt Ion:142 Resp: 165059

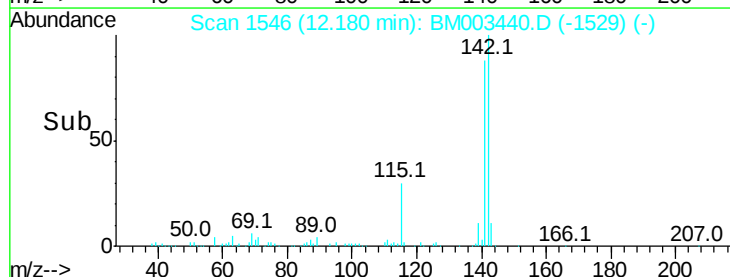
Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.9	107.9
115	35.6	25.4	38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



100000

50000

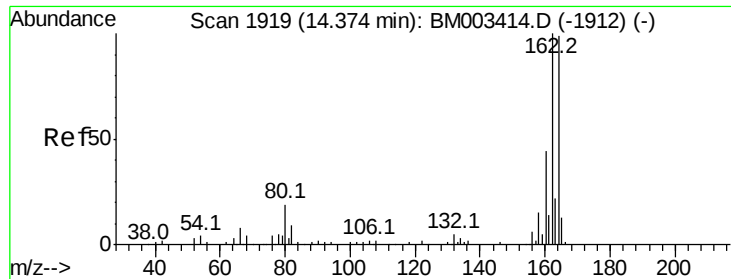
0

Time-->

12.10

12.20

12.18



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

Instrument :

BNA_M

ClientSampleId :

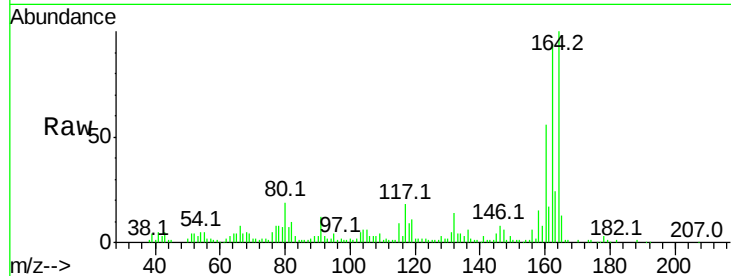
Tot Ion:164 Resp: 148328

Ion Ratio Lower Upper

164 100

162 94.2 82.4 123.6

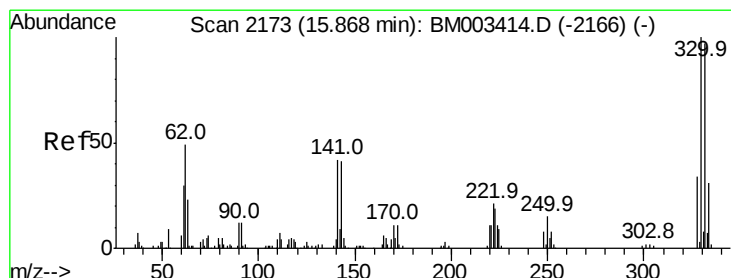
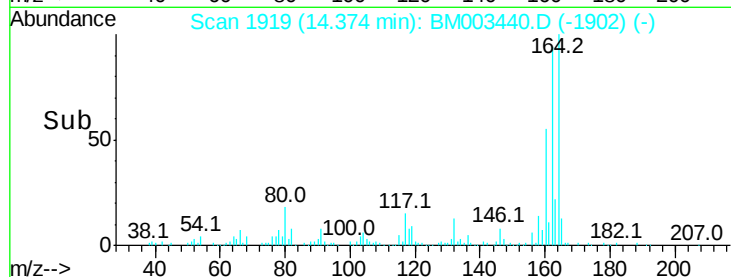
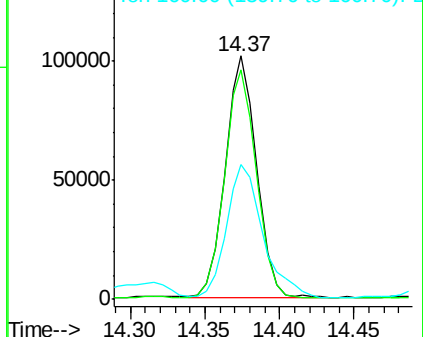
160 55.5 35.8 53.6#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 139.52 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

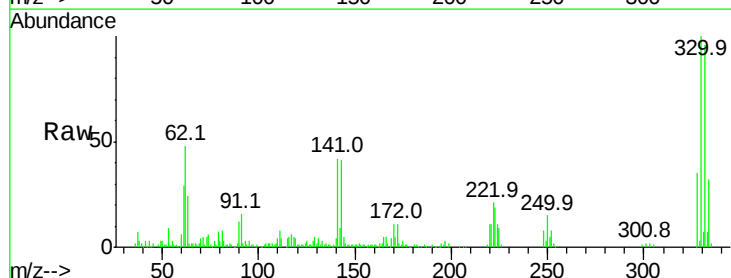
Tgt Ion:330 Resp: 206673

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

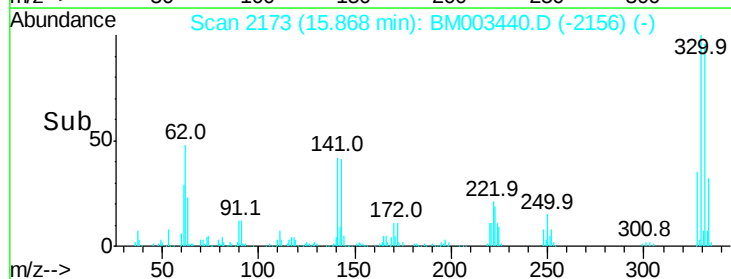
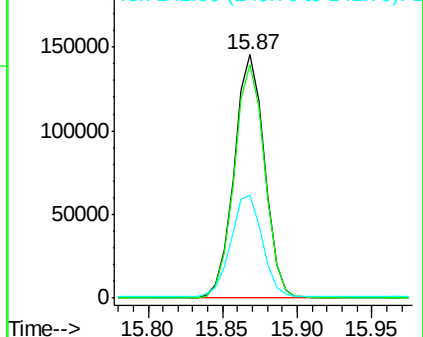
141 43.5 0.0 0.0#

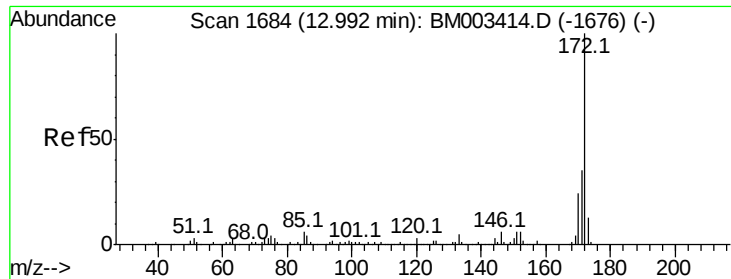


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

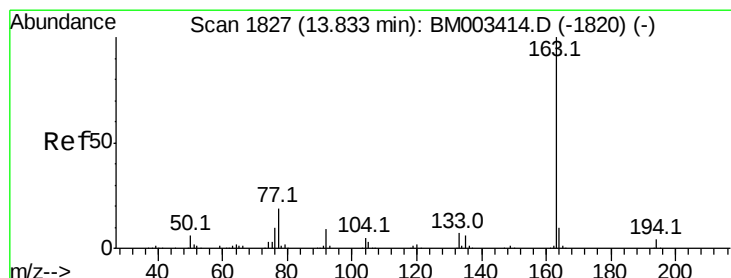
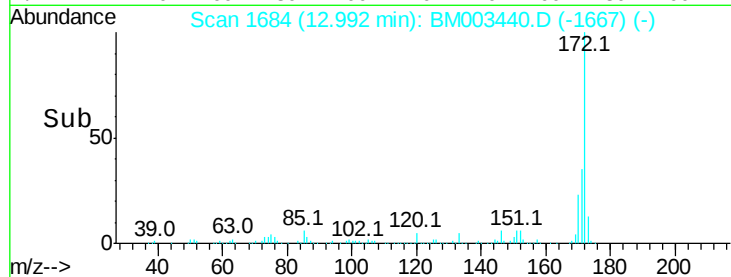
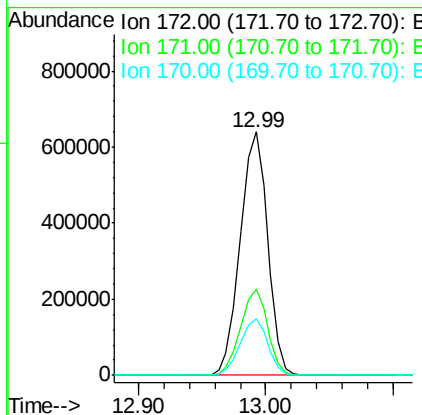
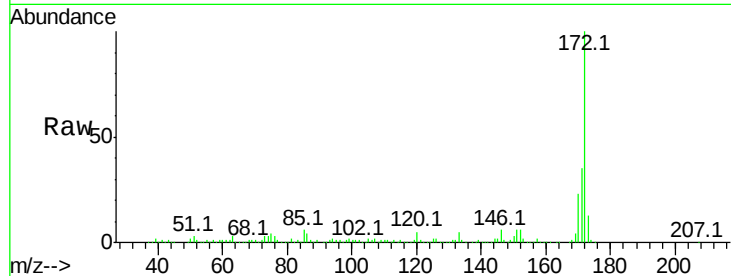




#44
2-Fluorobiphenyl
Concen: 88.01 ng
RT: 12.99 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

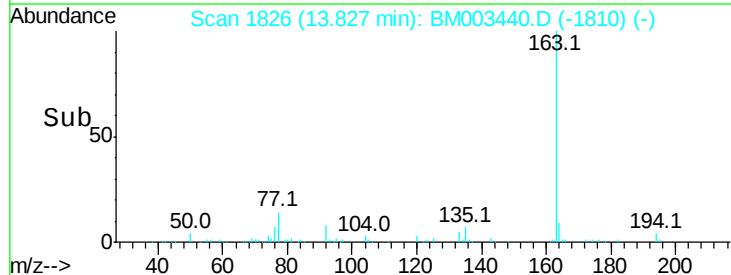
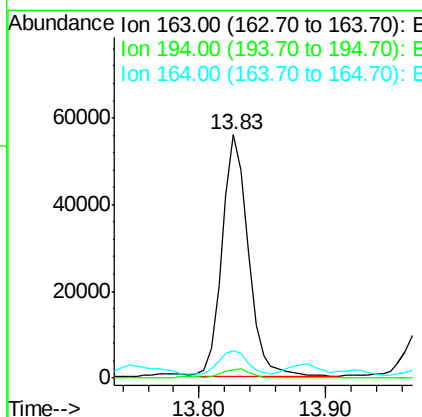
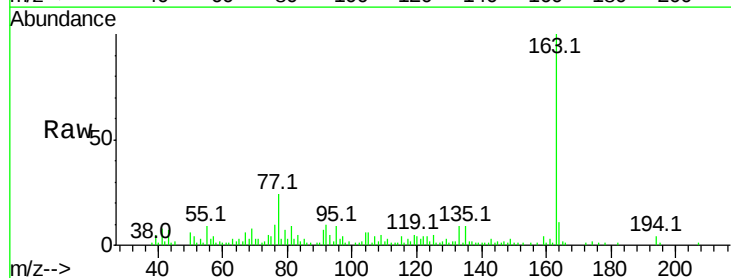
Instrument :
BNA_M
ClientSampleId :

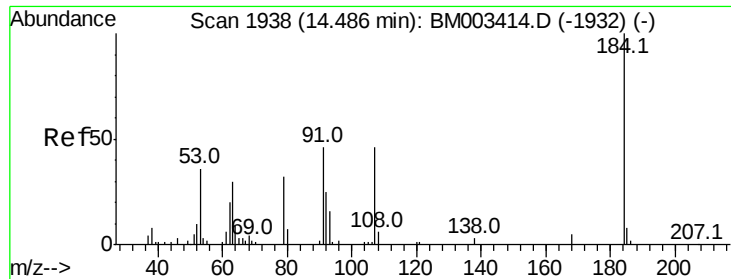
Tot Ion:172 Resp: 958201
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 18.8 28.2



#49
Dimethylphthalate
Concen: 6.51 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:163 Resp: 79520
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.4 8.2 12.2

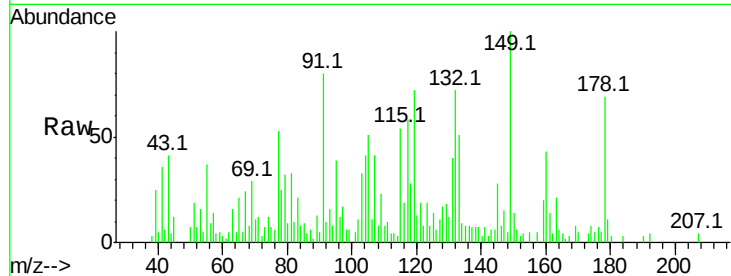




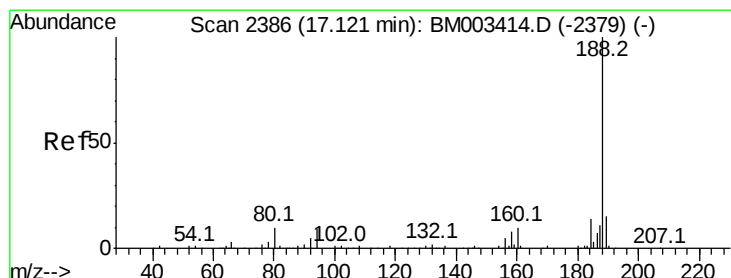
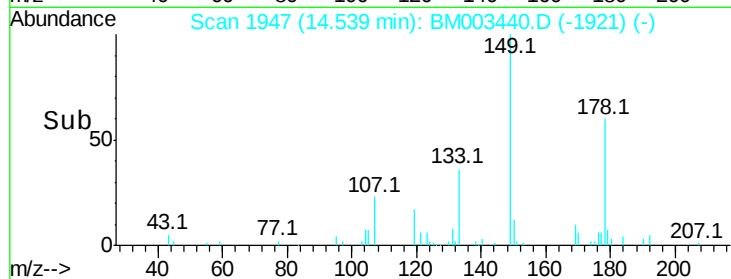
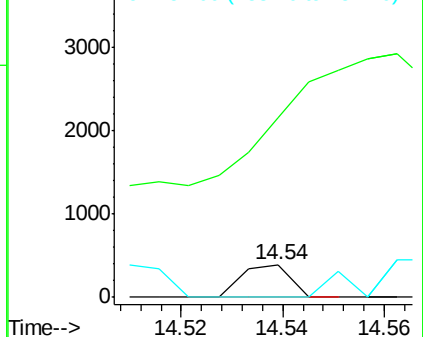
#53
2,4-Dinitrophenol
Concen: 6.97 ng
RT: 14.54 min Scan# 1947
Delta R.T. 0.05 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 255
Ion Ratio Lower Upper
184 100
63 553.5 69.2 103.8#
154 0.0 53.3 79.9#

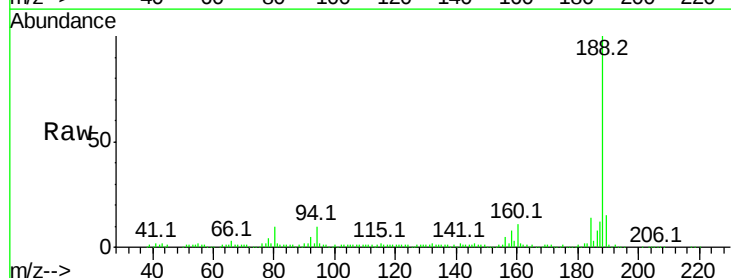


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

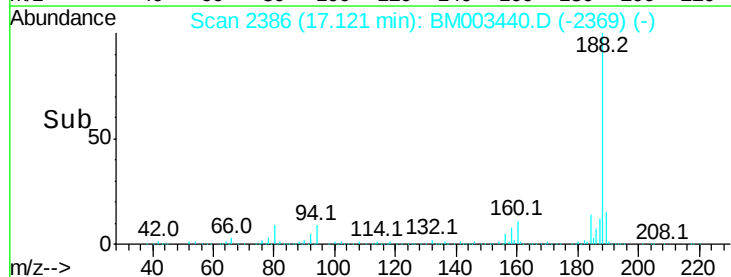
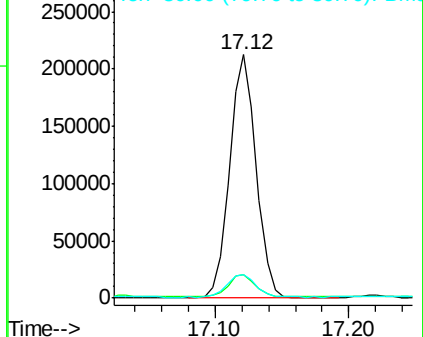


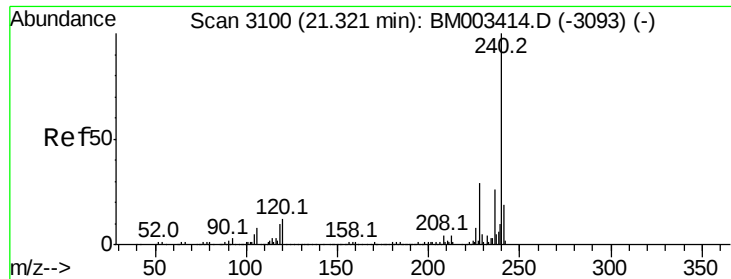
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003440.D
Acq: 10 Dec 2015 07:42

Tgt Ion:188 Resp: 294806
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 9.6 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

Instrument :

BNA_M

ClientSampleId :

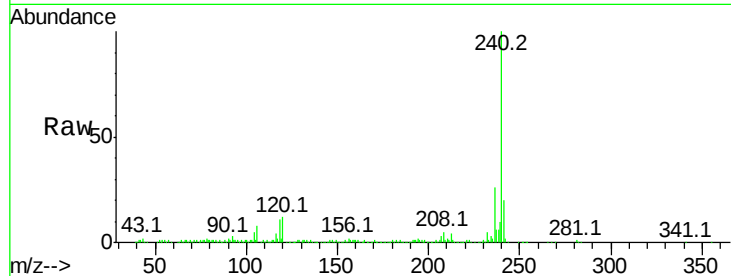
Tot Ion:240 Resp: 319319

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

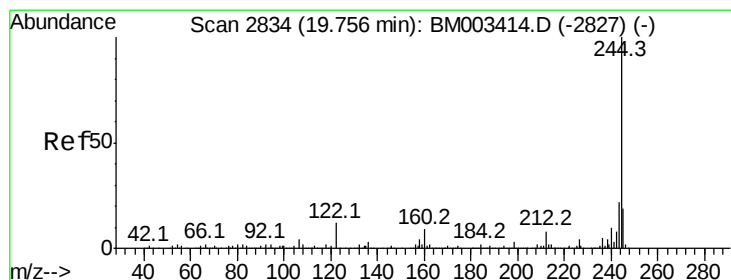
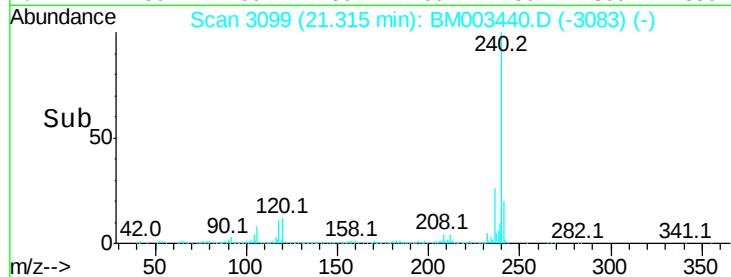
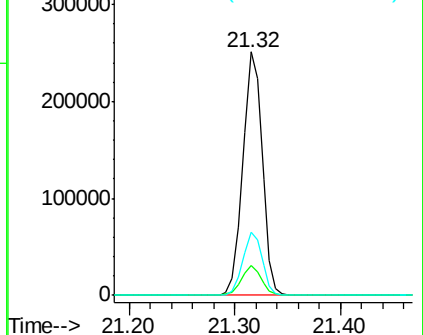
236 26.1 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 72.28 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

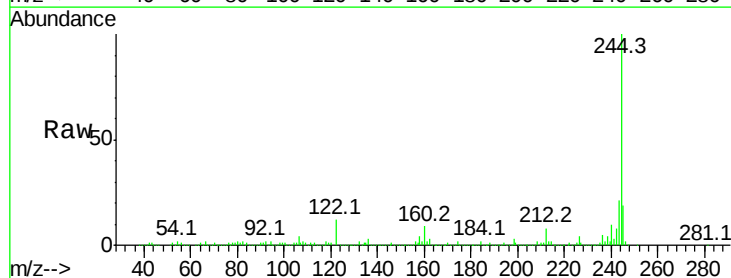
Tgt Ion:244 Resp: 978626

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

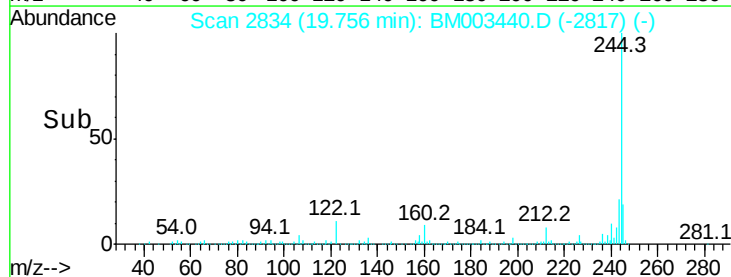
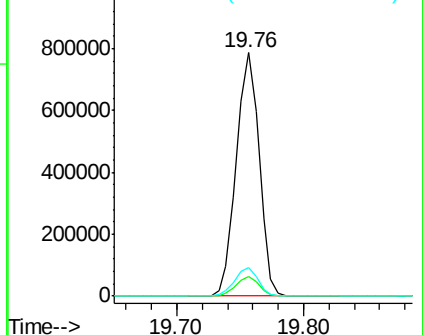
122 11.5 6.2 9.4#

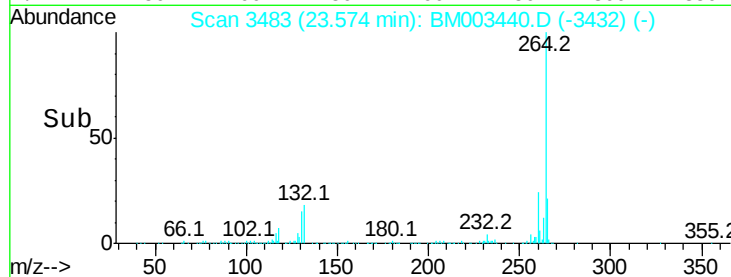
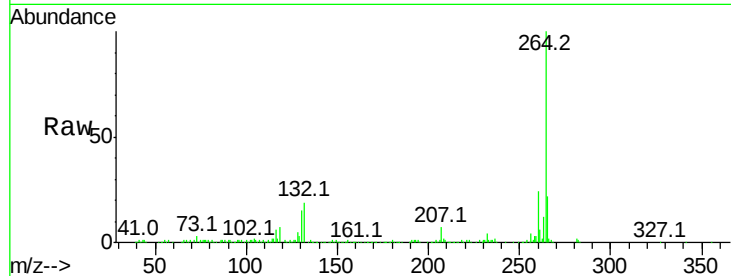
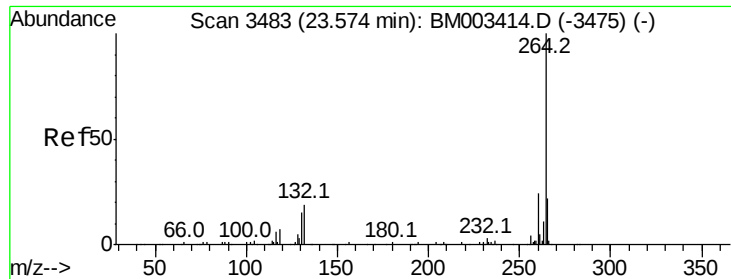


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM003440.D

Acq: 10 Dec 2015 07:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 322120

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.5 17.3 25.9

