

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
 Data File : BM010223.D
 Acq On : 25 May 2017 18:44
 Operator : SJ/MA
 Sample : I3331-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 05:15:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

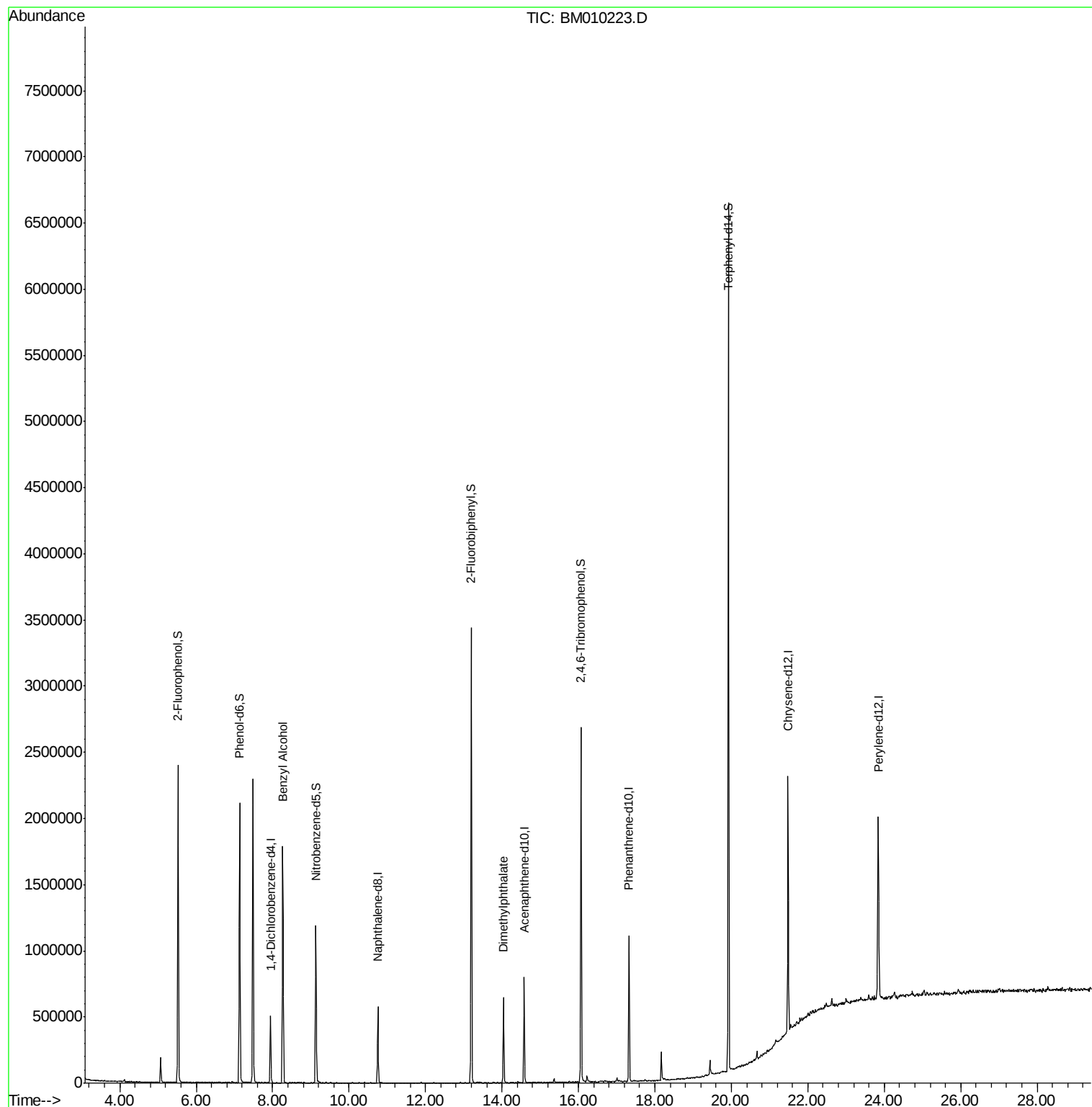
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	125089	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	407198	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	252147	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	615228	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	983099	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1131816	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	820376	118.43	ng	-0.03
7) Phenol-d6	7.13	99	988600	110.91	ng	-0.04
23) Nitrobenzene-d5	9.13	82	669132	88.66	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	457838	119.55	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1611470	82.16	ng	-0.04
78) Terphenyl-d14	19.92	244	2732663	63.20	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.26	79	15701	2.33	ng	# 43
49) Dimethylphthalate	14.04	163	382180	16.99	ng	# 99

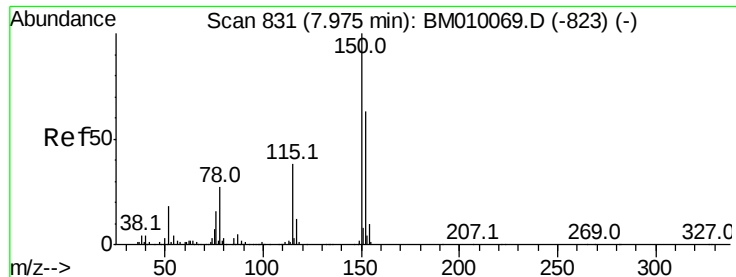
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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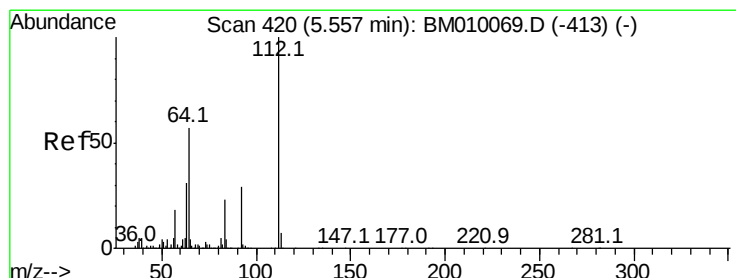
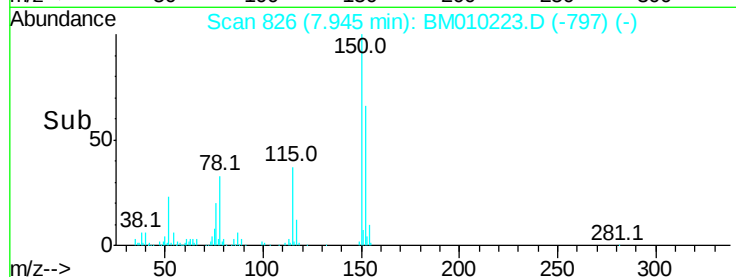
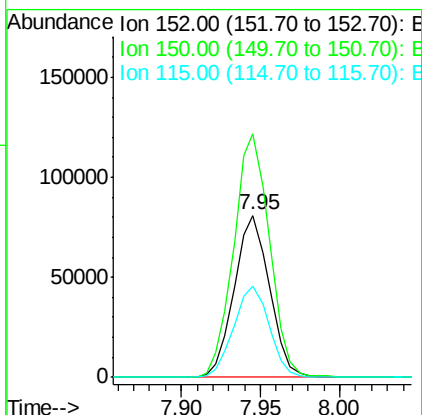
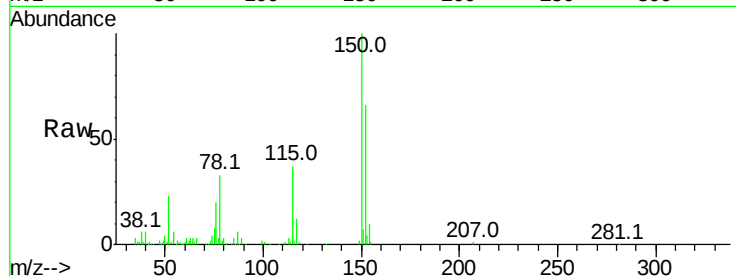


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010223.D
Acq: 25 May 2017 18:44

Instrument :
BNA_M
ClientSampleId :

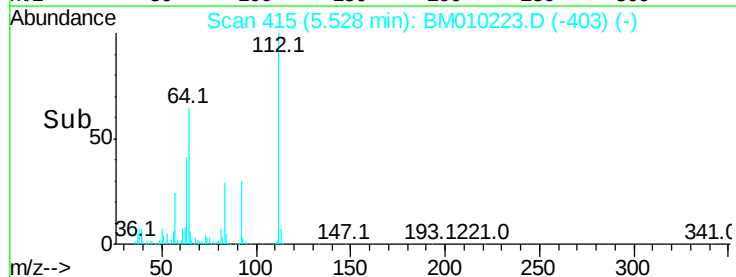
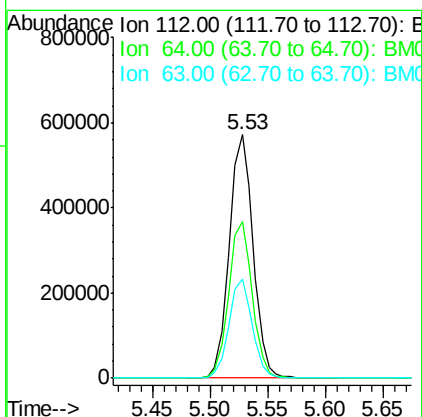
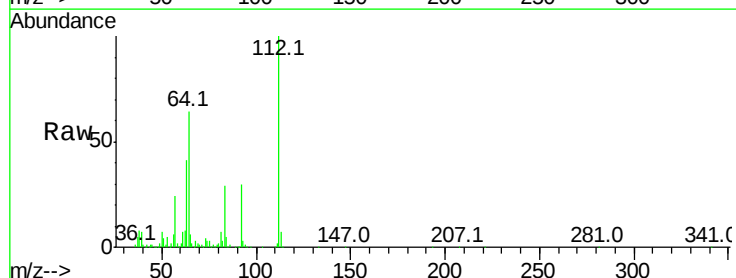
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	56.4	43.0	64.4



#5

2-Fluorophenol
Concen: 118.43 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010223.D
Acq: 25 May 2017 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	38.6	57.8#
63	40.6	19.3	28.9#





#7

Phenol-d6

Concen: 110.91 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

Instrument :

BNA_M

ClientSampleId :

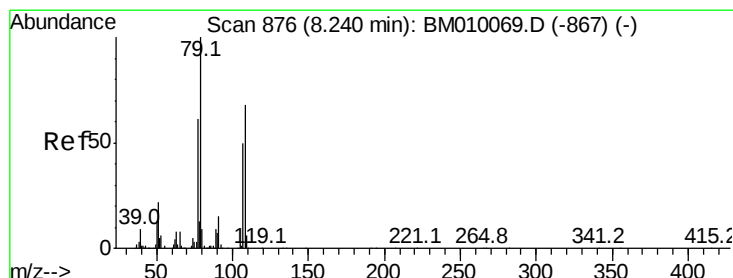
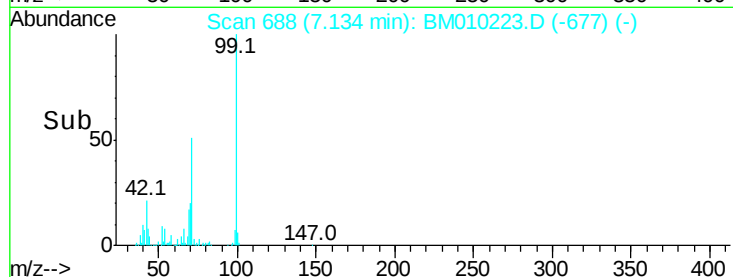
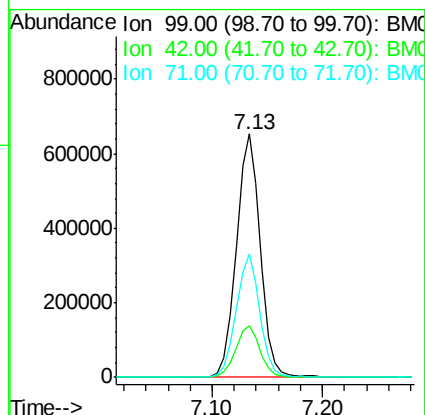
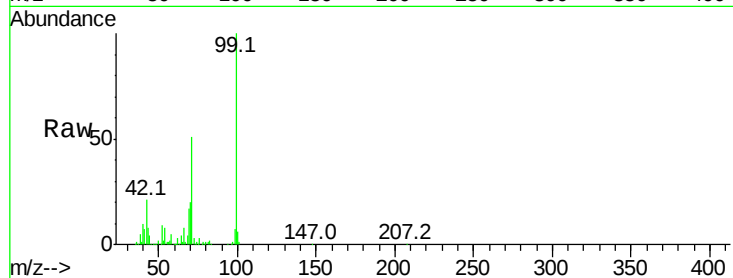
Tot Ion: 99 Resp: 988600

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

71 50.5 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

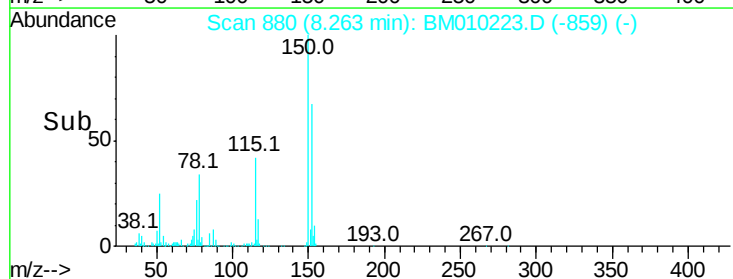
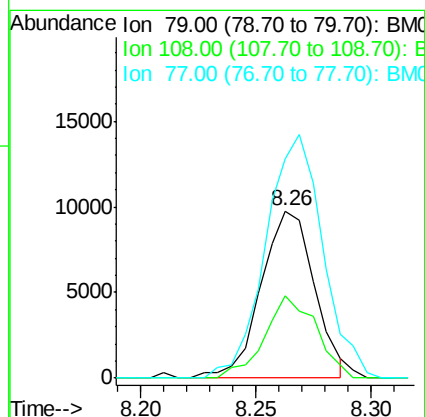
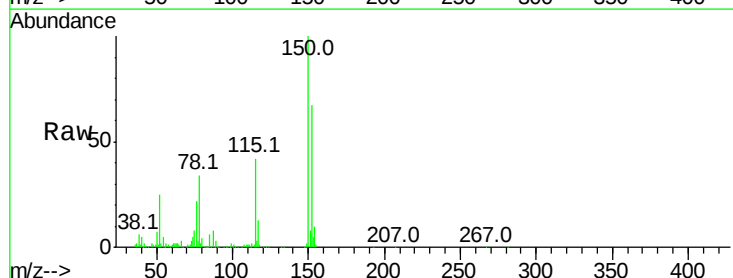
Tgt Ion: 79 Resp: 15701

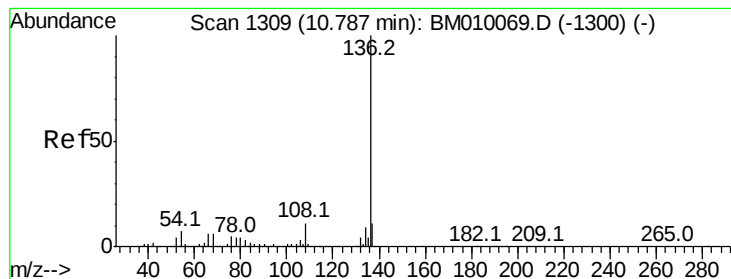
Ion Ratio Lower Upper

79 100

108 49.5 65.0 97.4#

77 131.7 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 407198

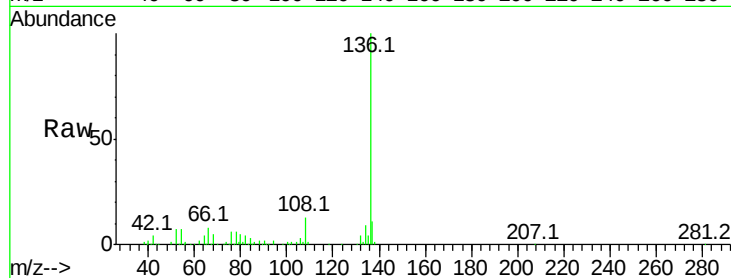
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.3 4.6 6.8#

68 4.7 3.7 5.5

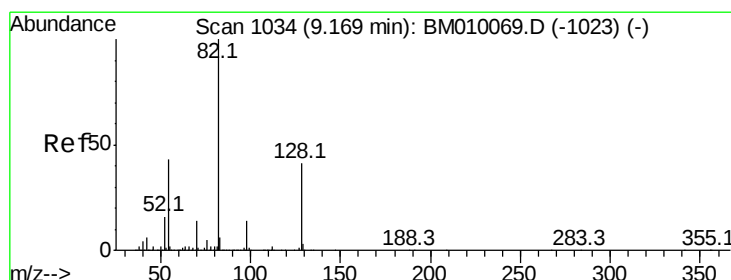
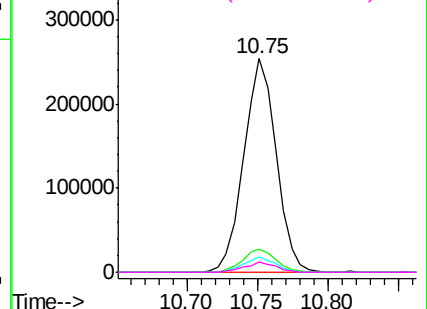
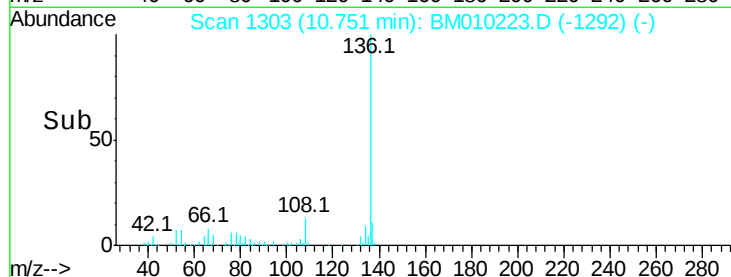


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 88.66 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.04 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

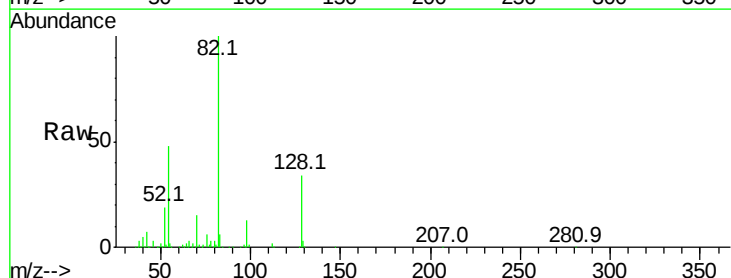
Tgt Ion: 82 Resp: 669132

Ion Ratio Lower Upper

82 100

128 33.5 32.8 49.2

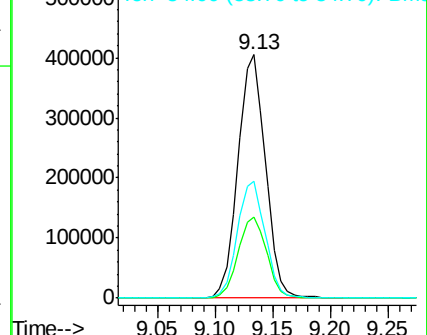
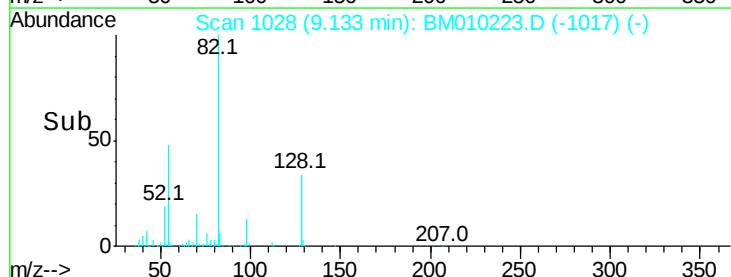
54 48.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

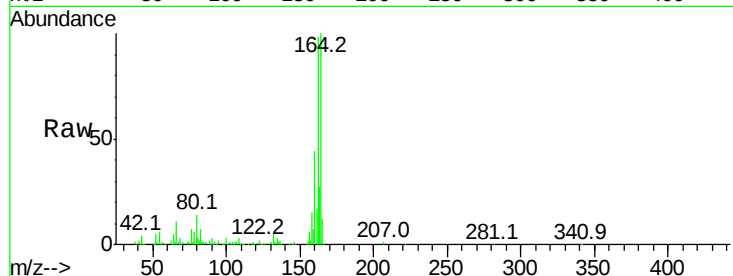
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 252147

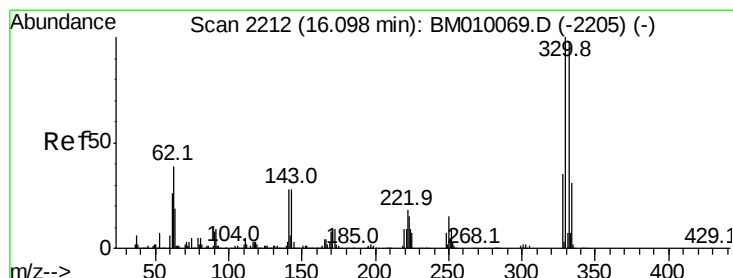
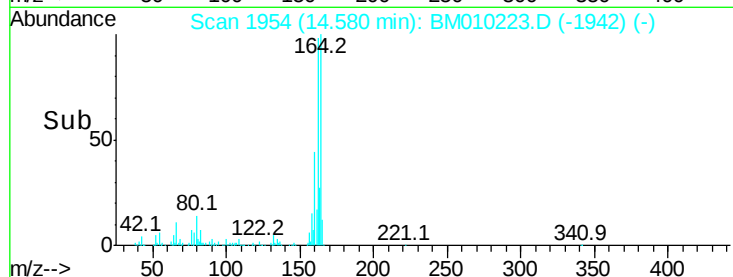
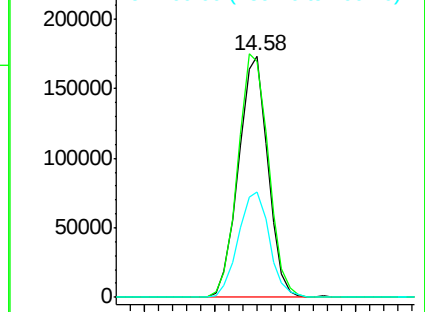
Ion	Ratio	Lower	Upper
164	100		
162	97.8	82.4	123.6
160	43.6	35.8	53.6



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: 119.55 ng

RT: 16.07 min Scan# 2207

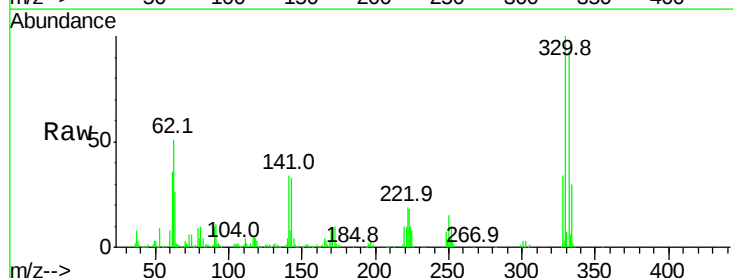
Delta R.T. -0.03 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

Tgt Ion:330 Resp: 457838

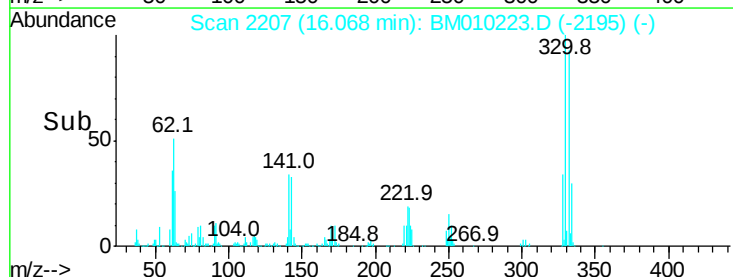
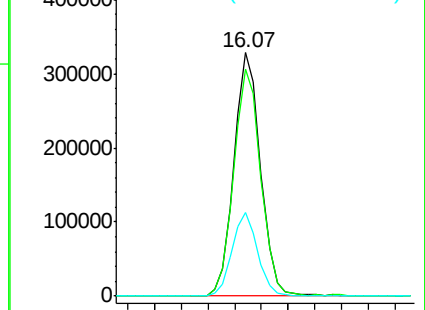
Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	33.4	0.0	0.0#



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

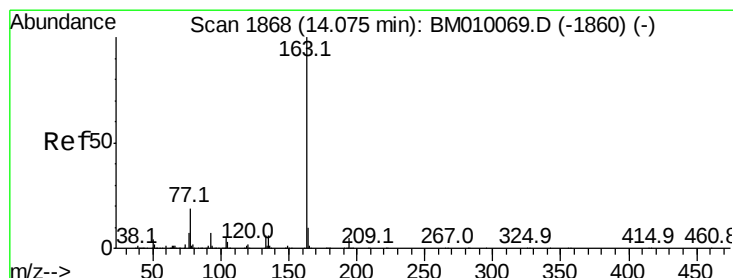
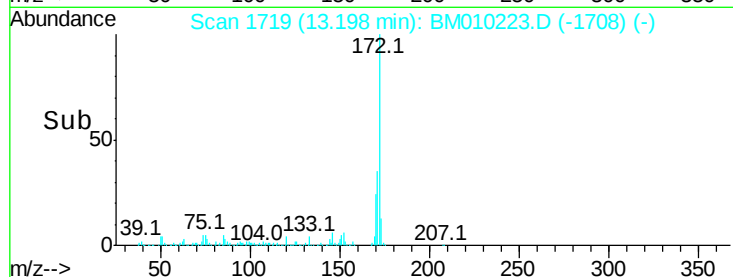
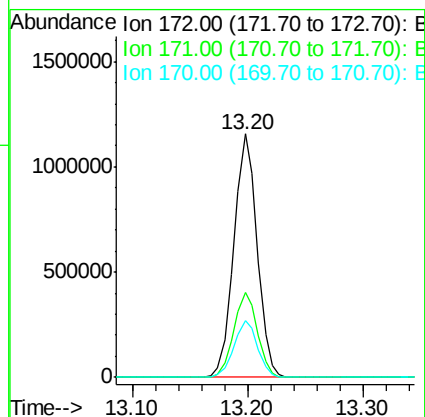
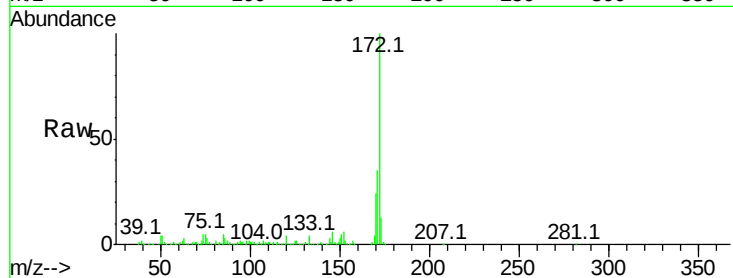




#44
2-Fluorobiphenyl
Concen: 82.16 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010223.D
Acq: 25 May 2017 18:44

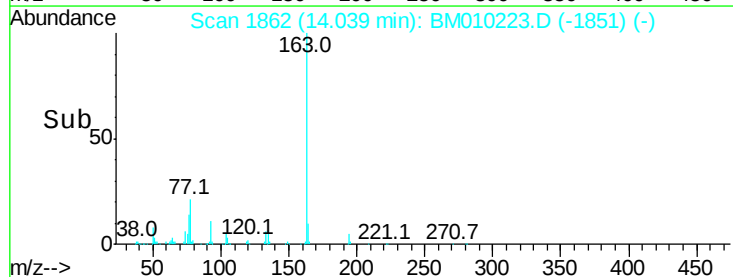
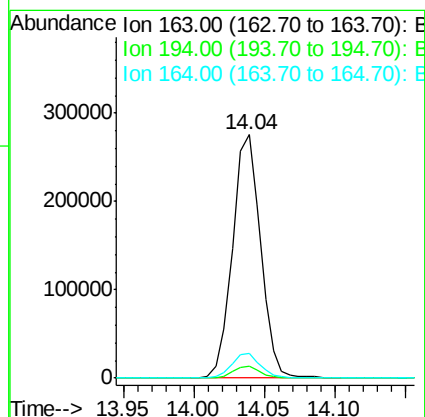
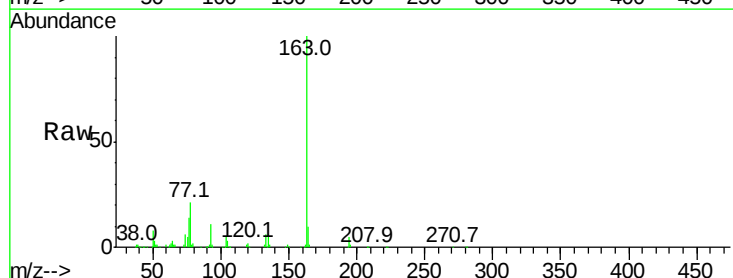
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1611470
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 18.8 28.2



#49
Dimethylphthalate
Concen: 16.99 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010223.D
Acq: 25 May 2017 18:44

Tgt Ion:163 Resp: 382180
Ion Ratio Lower Upper
163 100
194 5.0 2.7 4.1#
164 10.1 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

Instrument :

BNA_M

ClientSampled :

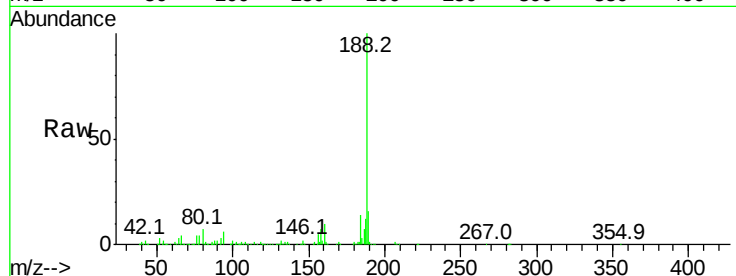
Tot Ion:188 Resp: 615228

Ion Ratio Lower Upper

188 100

94 5.6 8.7 13.1#

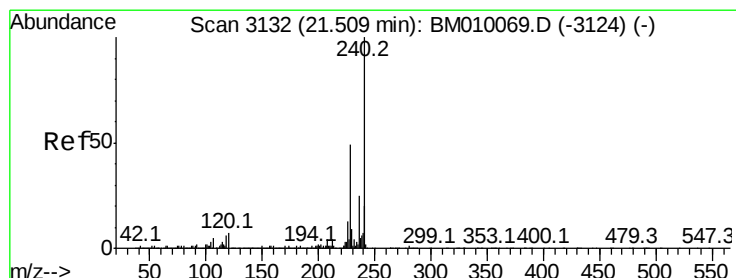
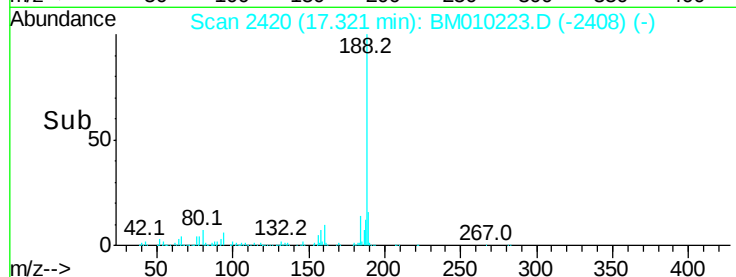
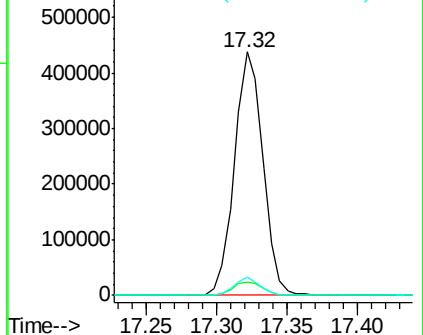
80 7.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

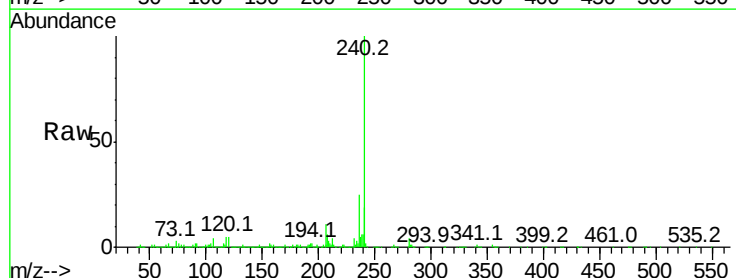
Tgt Ion:240 Resp: 983099

Ion Ratio Lower Upper

240 100

120 5.2 8.2 12.2#

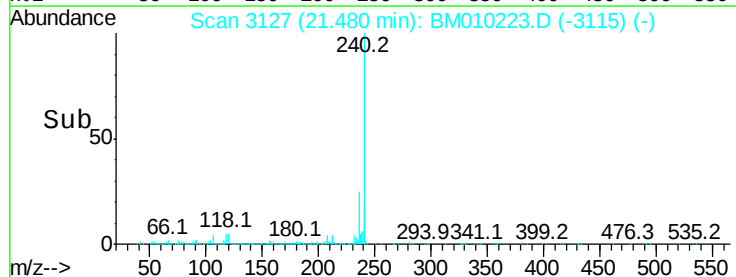
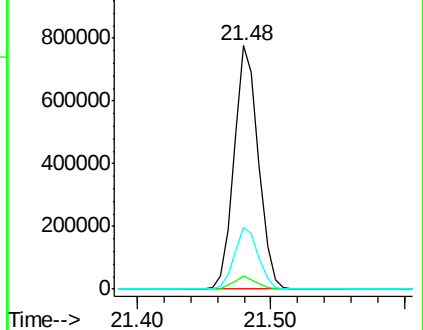
236 25.5 20.0 30.0



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: 63.20 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

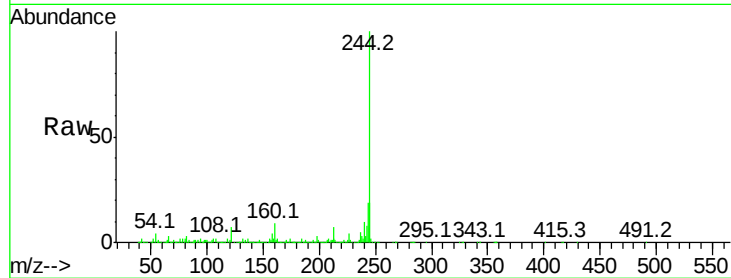
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 2732663

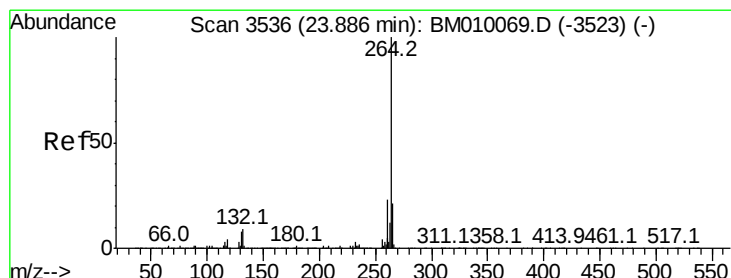
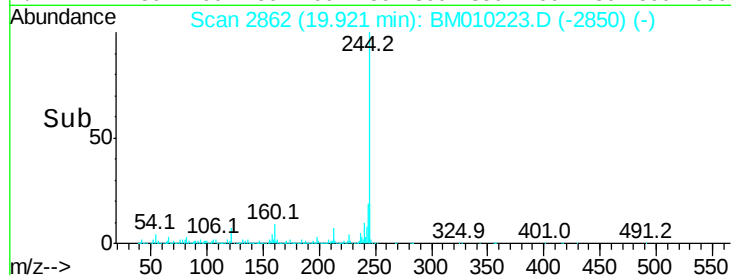
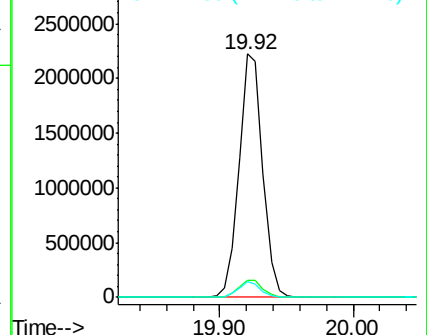
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.5	6.2	9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

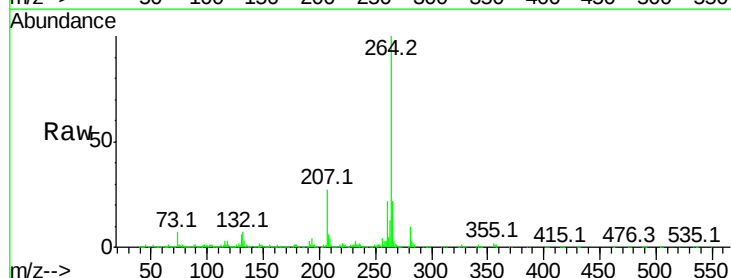
Delta R.T. -0.04 min

Lab File: BM010223.D

Acq: 25 May 2017 18:44

Tgt Ion:264 Resp: 1131816

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	22.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

