

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010175.D
 Acq On : 24 May 2017 11:51
 Operator : SJ/MA
 Sample : PB99209BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 25 05:23:58 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

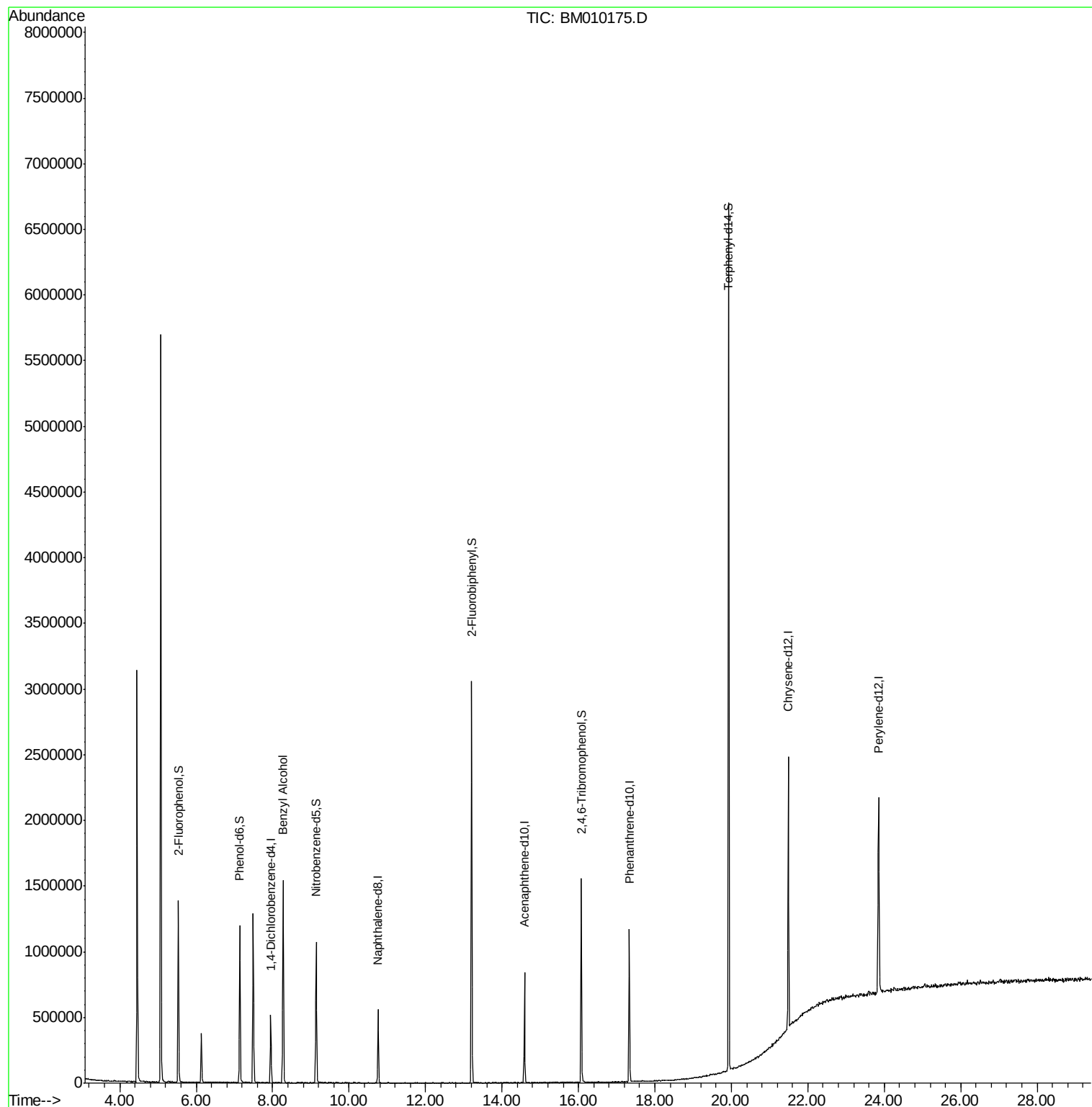
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	125841	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	416883	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	264750	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	662023	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1040506	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1182880	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	482266	69.21	ng	-0.02
7) Phenol-d6	7.14	99	600175	66.93	ng	-0.03
23) Nitrobenzene-d5	9.14	82	587258	76.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	261353	65.00	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1499270	72.80	ng	-0.03
78) Terphenyl-d14	19.93	244	2810857	61.43	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.27	79	13683	2.02	ng	Qvalue # 50

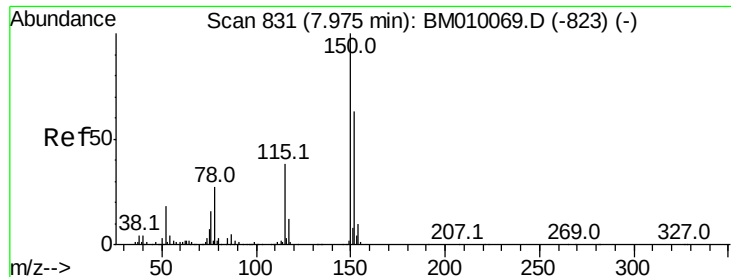
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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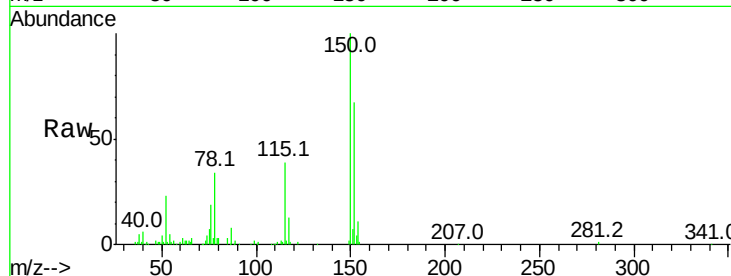


#1

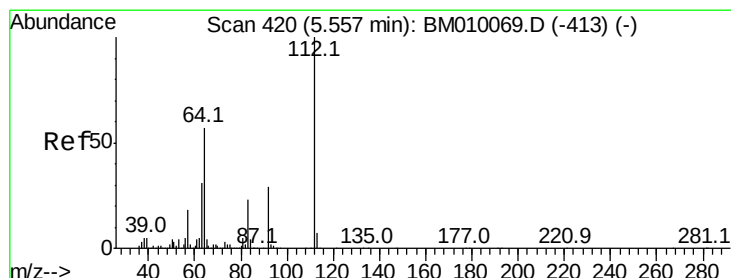
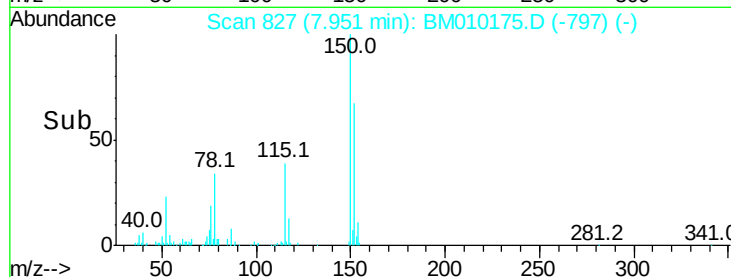
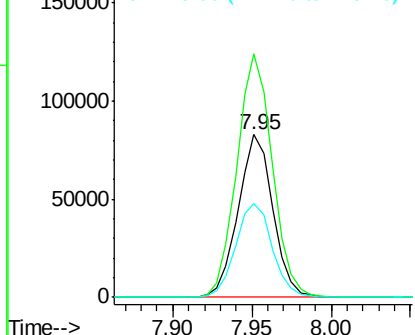
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010175.D
Acq: 24 May 2017 11:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	58.0	43.0	64.4



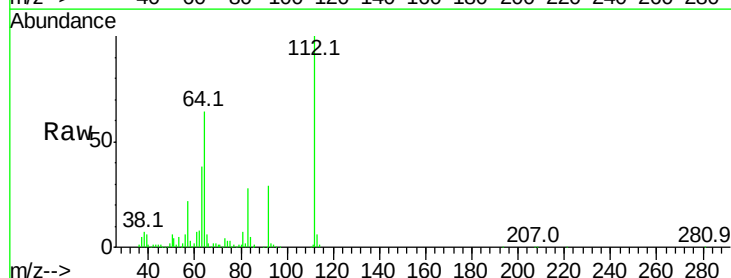
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



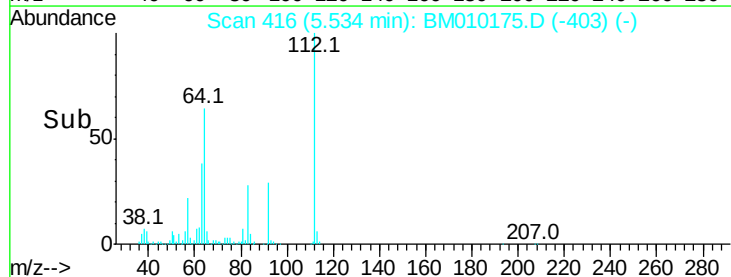
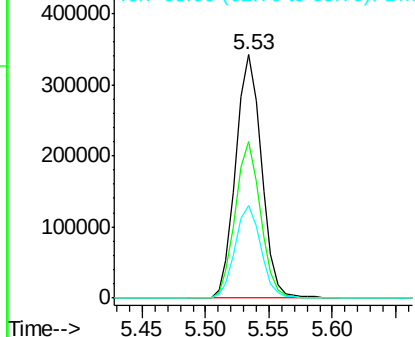
#5

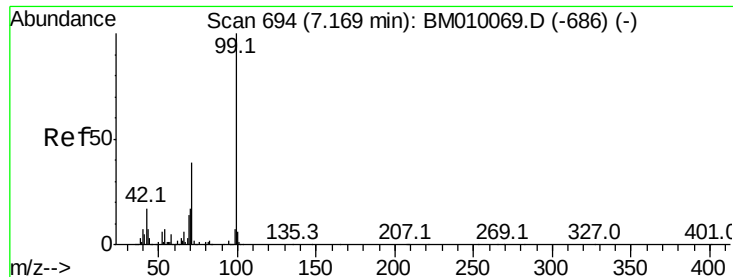
2-Fluorophenol
Concen: 69.21 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010175.D
Acq: 24 May 2017 11:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	38.6	57.8#
63	38.0	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: 66.93 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

Instrument :

BNA_M

ClientSampled :

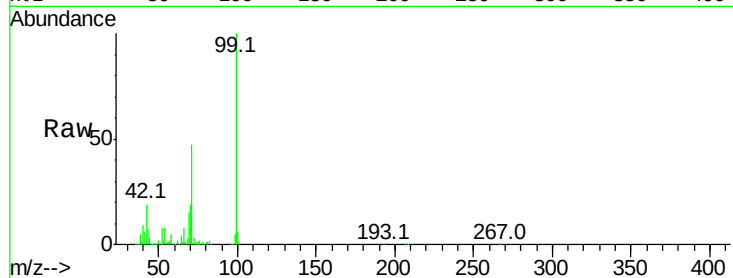
Tot Ion: 99 Resp: 600175

Ion Ratio Lower Upper

99 100

42 19.5 11.0 16.4#

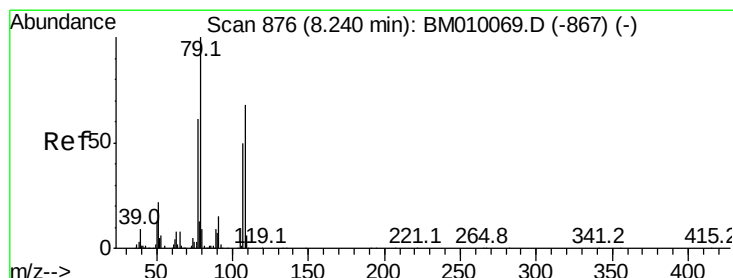
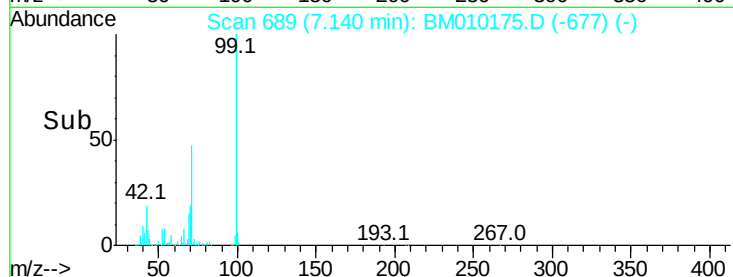
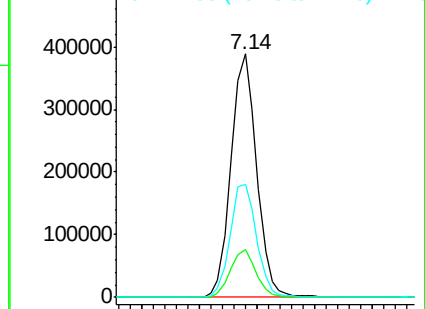
71 46.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.04 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

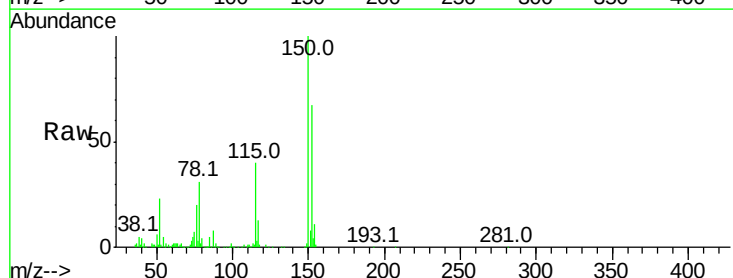
Tgt Ion: 79 Resp: 13683

Ion Ratio Lower Upper

79 100

108 44.6 65.0 97.4#

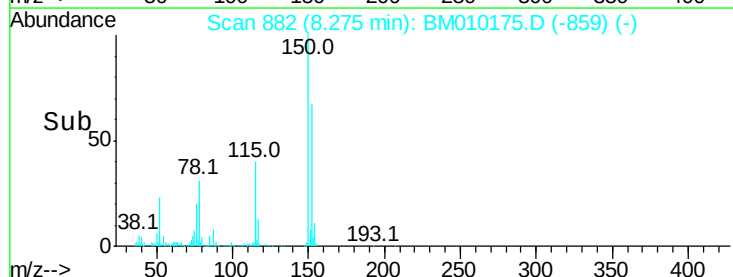
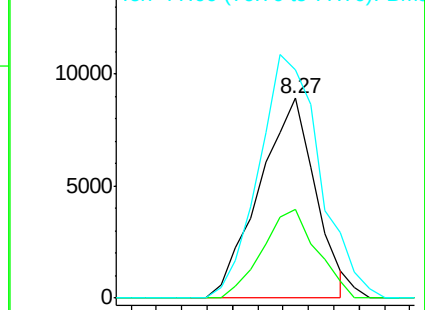
77 114.3 53.0 79.6#

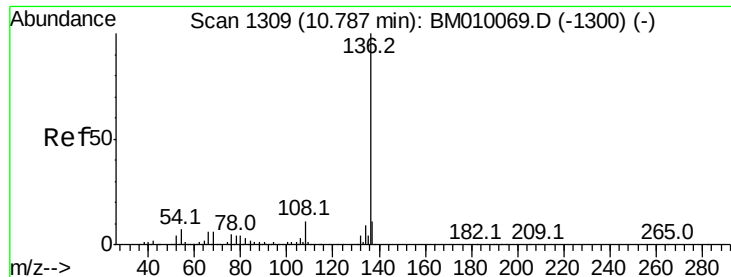


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-867) (-)

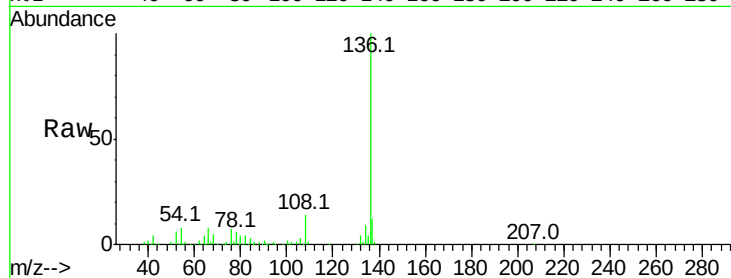




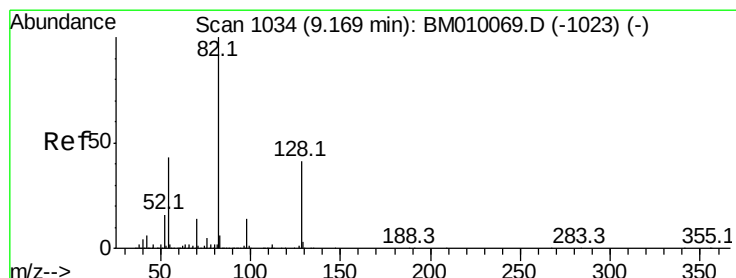
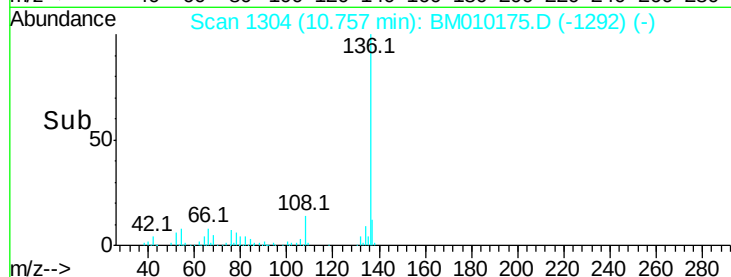
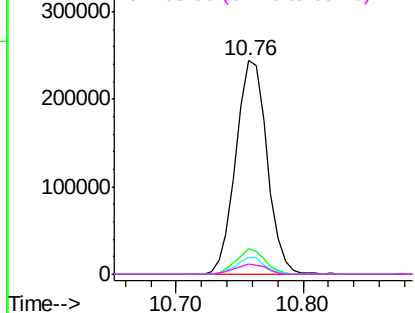
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM010175.D
Acq: 24 May 2017 11:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	416883
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	7.6	4.6	6.8#
68	4.6	3.7	5.5

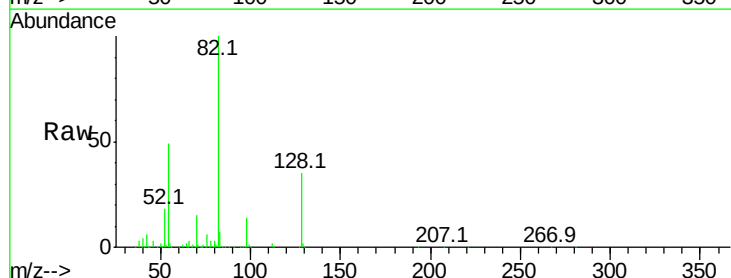


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

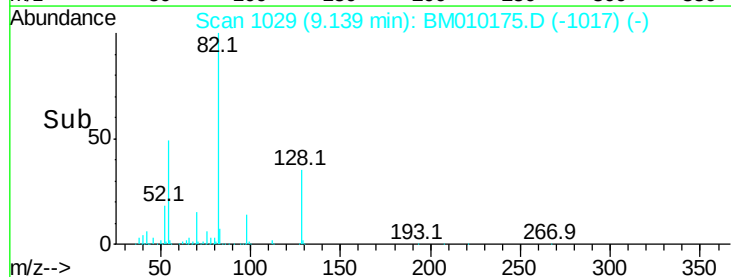
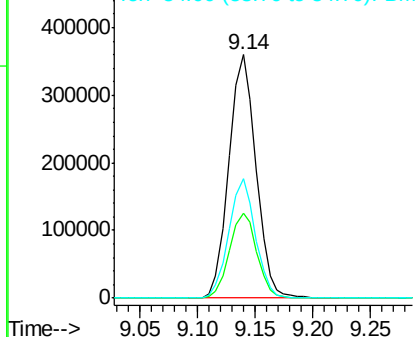


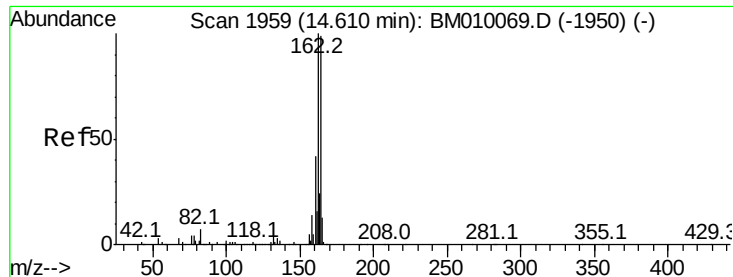
#23
Nitrobenzene-d5
Concen: 76.00 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010175.D
Acq: 24 May 2017 11:51

Tgt Ion:	82	Resp:	587258
Ion	Ratio	Lower	Upper
82	100		
128	35.1	32.8	49.2
54	49.2	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

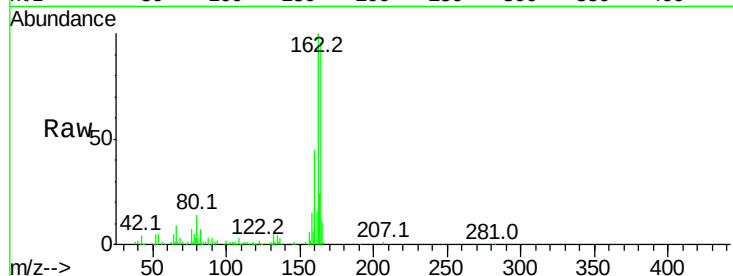
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 264750

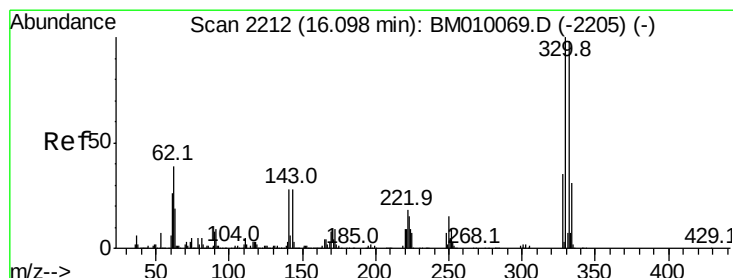
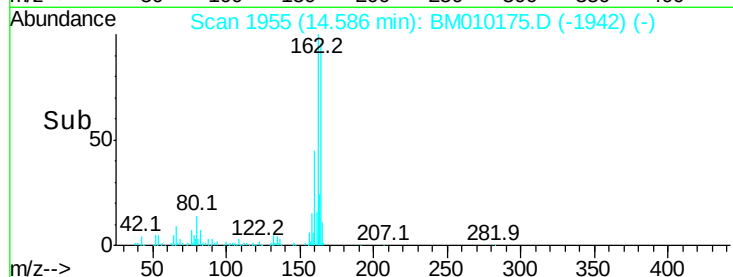
Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	46.6	35.8	53.6



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: 65.00 ng

RT: 16.07 min Scan# 2208

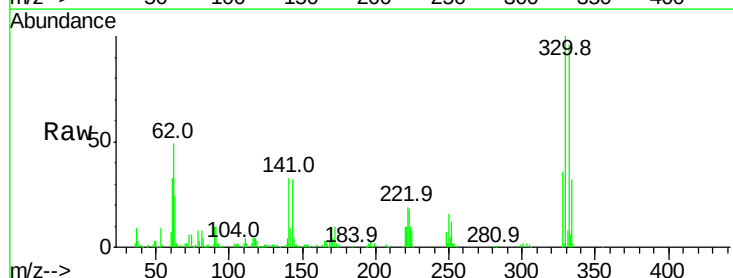
Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

Tgt Ion:330 Resp: 261353

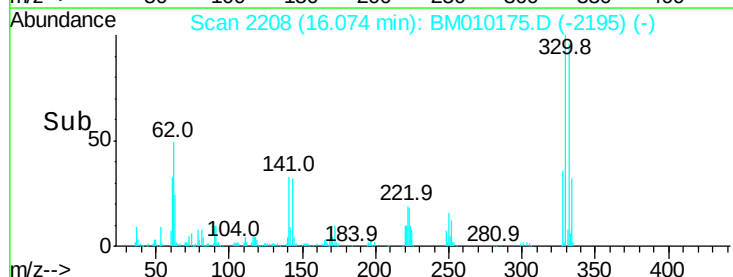
Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	32.7	0.0	0.0#

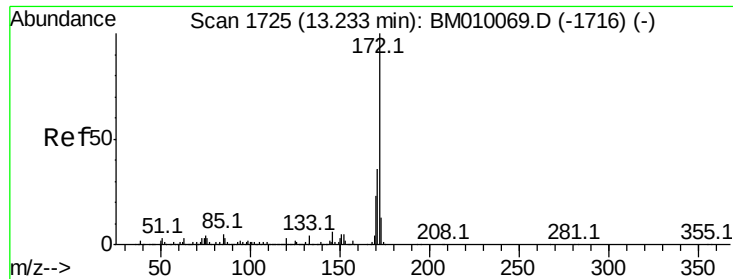


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

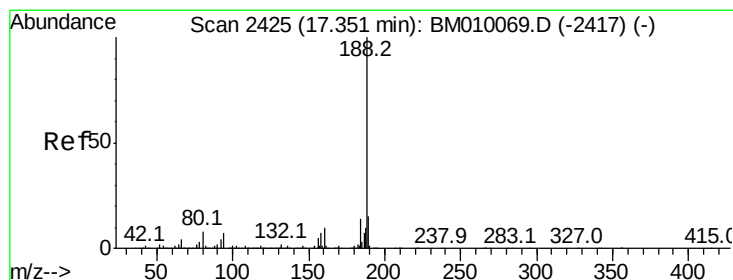
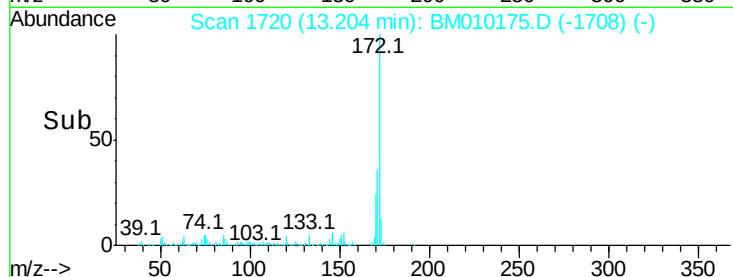
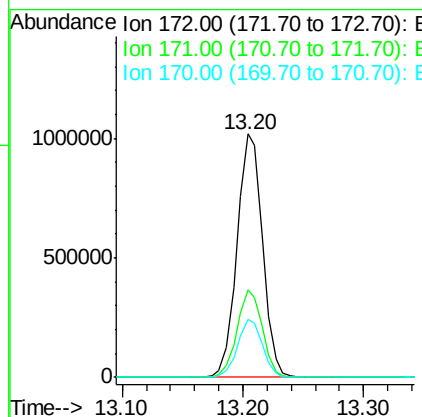
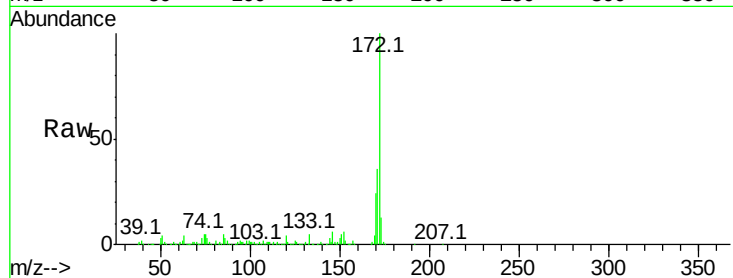




#44
2-Fluorobiphenyl
Concen: 72.80 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010175.D
Acq: 24 May 2017 11:51

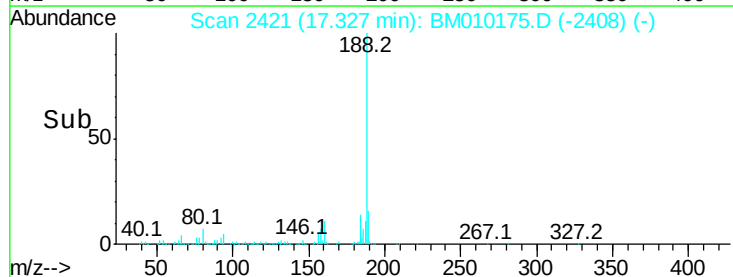
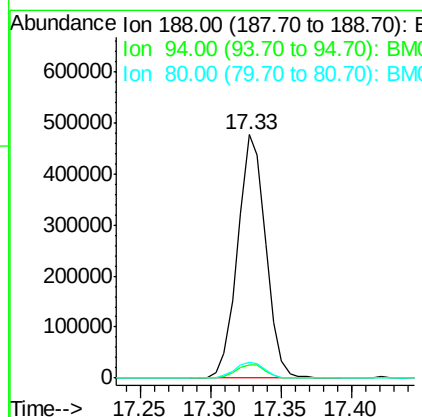
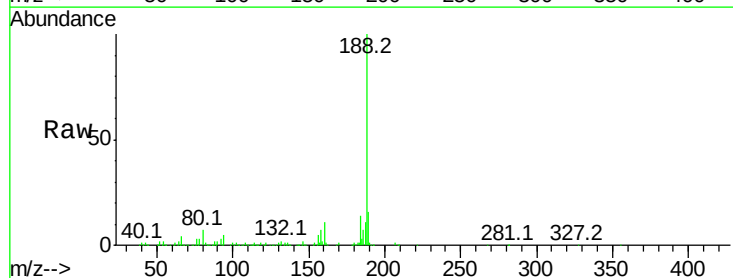
Instrument :
BNA_M
ClientSampled :

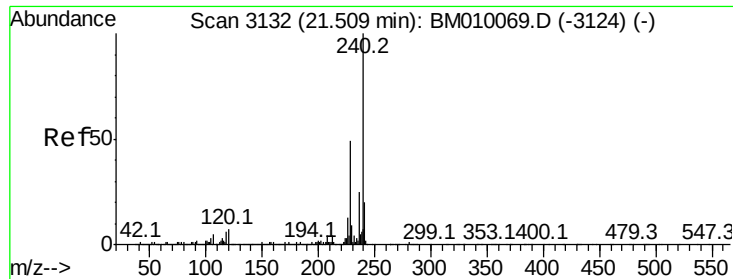
Tot Ion:172 Resp: 1499270
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010175.D
Acq: 24 May 2017 11:51

Tgt Ion:188 Resp: 662023
Ion Ratio Lower Upper
188 100
94 5.4 8.7 13.1#
80 6.6 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

Instrument :

BNA_M

ClientSampleId :

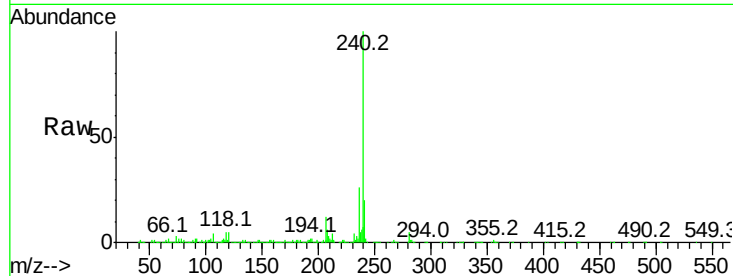
Tot Ion:240 Resp: 1040506

Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	25.7	20.0	30.0

240 100

120 5.5 8.2 12.2#

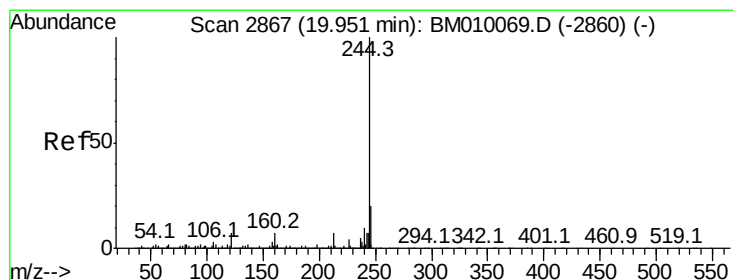
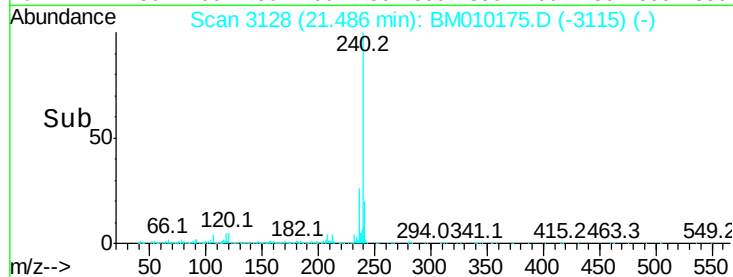
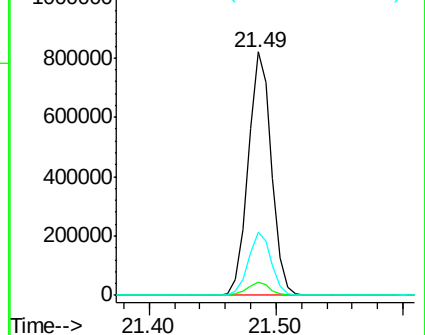
236 25.7 20.0 30.0



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: 61.43 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010175.D

Acq: 24 May 2017 11:51

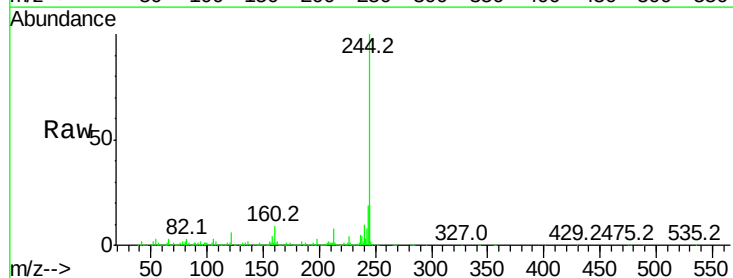
Tgt Ion:244 Resp: 2810857

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	6.3	6.2	9.4

244 100

212 7.6 4.9 7.3#

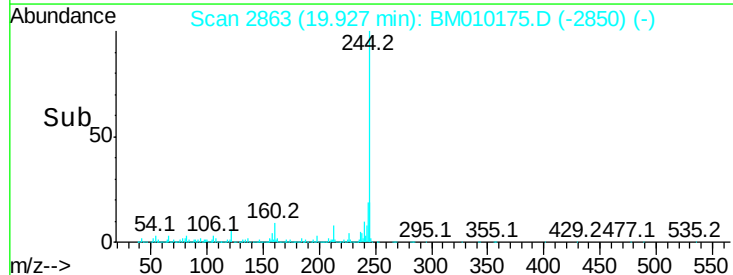
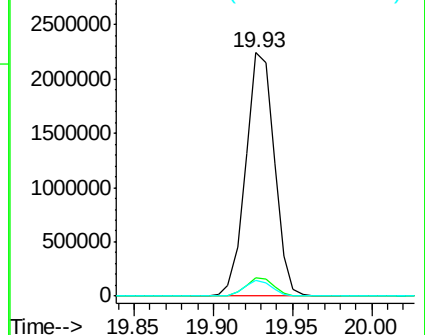
122 6.3 6.2 9.4

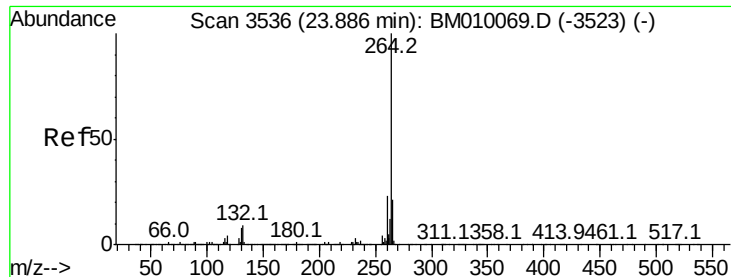


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.85 min Scan# 3530
 Delta R.T. -0.04 min
 Lab File: BM010175.D
 Acq: 24 May 2017 11:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1182880

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.3	17.3	25.9

