

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\
 Data File : BM010149.D
 Acq On : 23 May 2017 19:29
 Operator : SJ/MA
 Sample : I3282-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 05:24:18 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

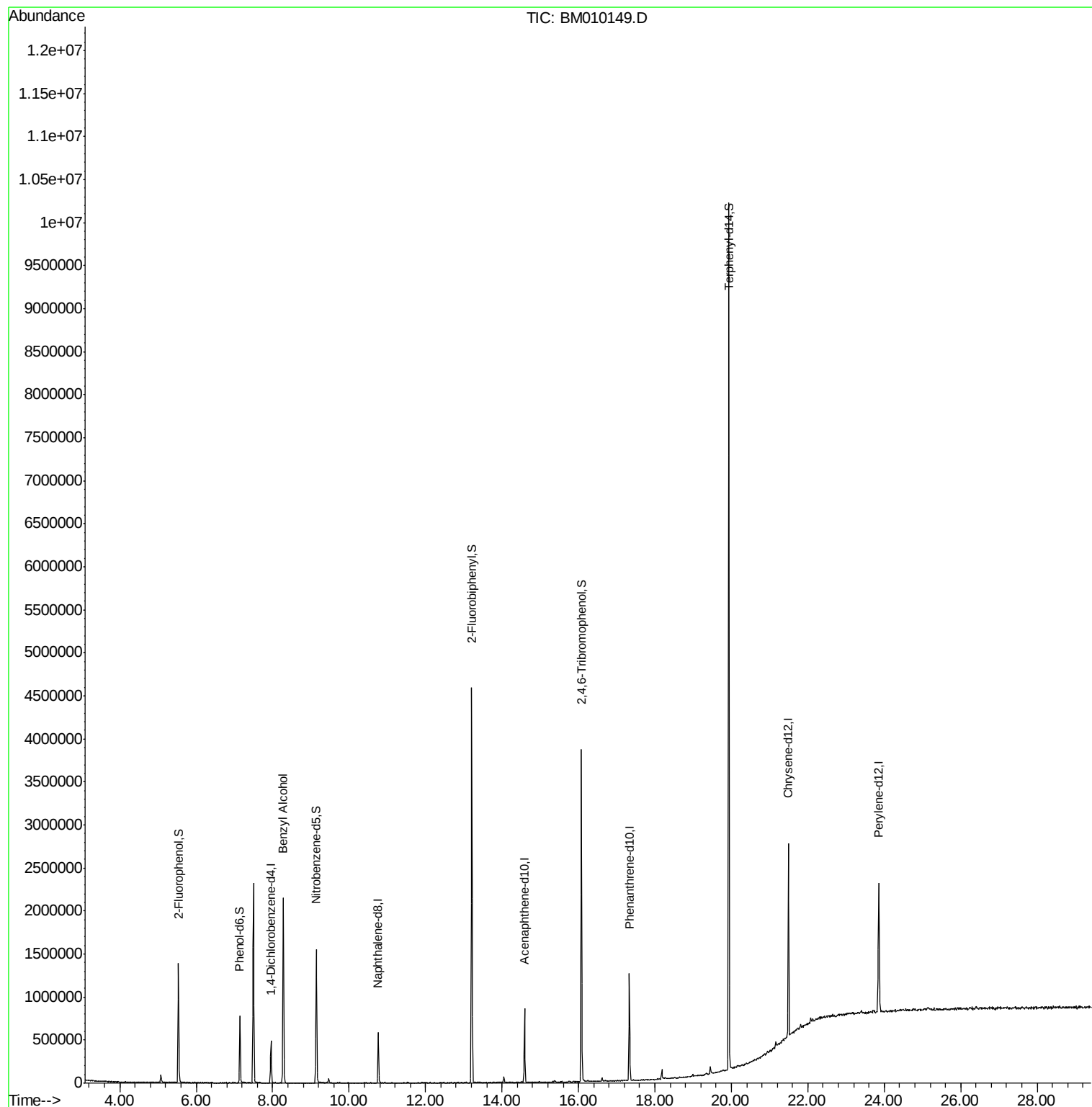
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	124657	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	426731	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	270213	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	703009	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1104807	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1246846	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	495442	71.77	ng	-0.02
7) Phenol-d6	7.14	99	392249	44.16	ng	-0.03
23) Nitrobenzene-d5	9.15	82	861545	108.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	671386	163.59	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2216654	105.46	ng	-0.02
78) Terphenyl-d14	19.93	244	4229976	87.06	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.27	79	19122	2.85	ng	Qvalue # 43

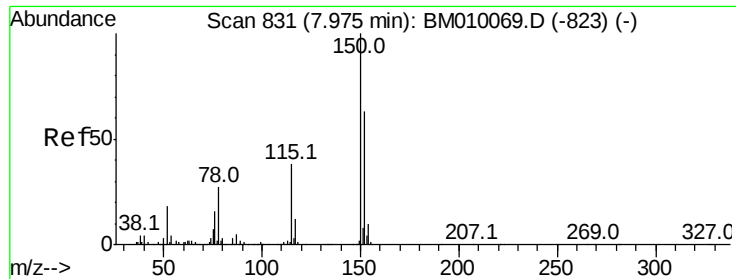
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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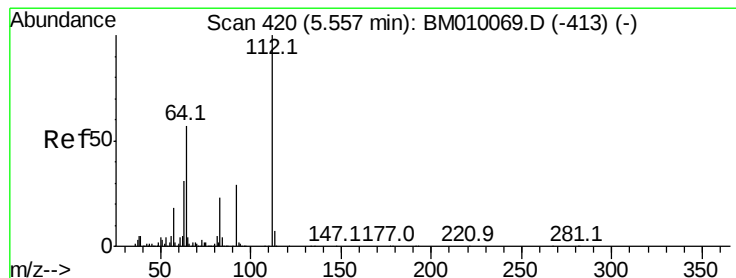
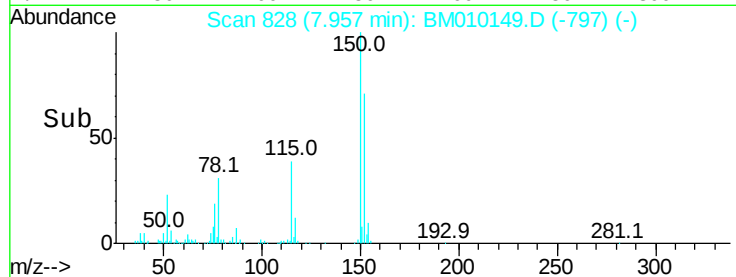
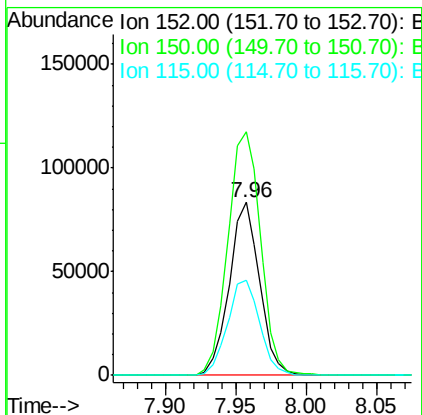
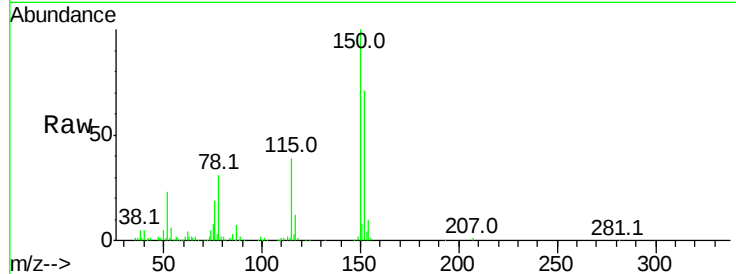


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010149.D
Acq: 23 May 2017 19:29

Instrument :
BNA_M
ClientSampleId :

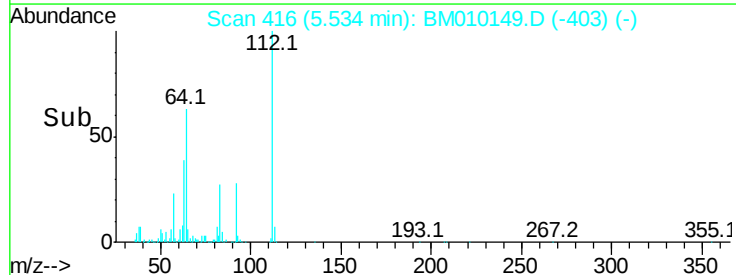
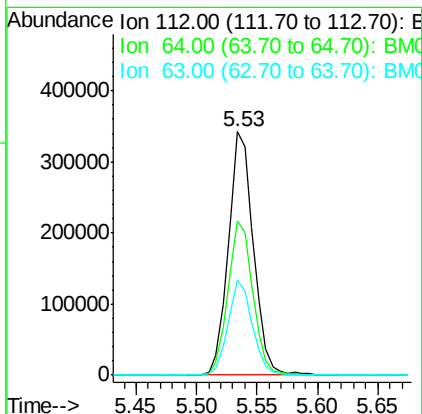
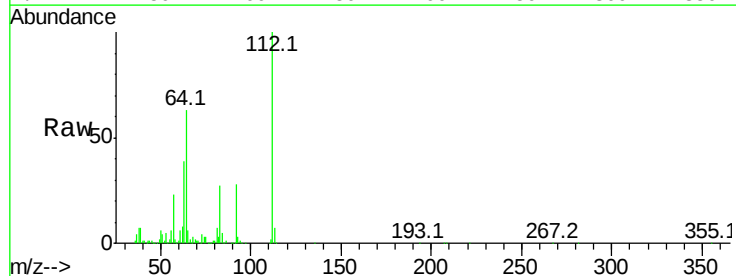
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.9	119.5	179.3
115	55.2	43.0	64.4

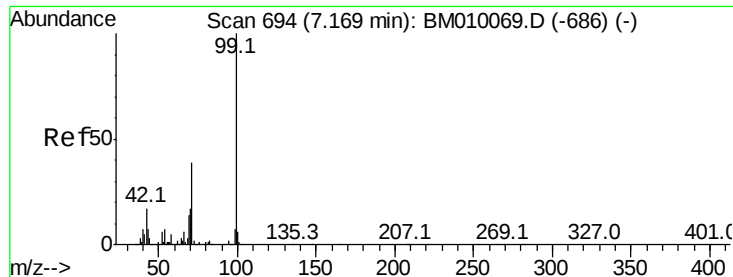


#5

2-Fluorophenol
Concen: 71.77 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010149.D
Acq: 23 May 2017 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	38.6	57.8#
63	38.8	19.3	28.9#





#7

Phenol-d6

Concen: 44.16 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

Instrument :

BNA_M

ClientSampleId :

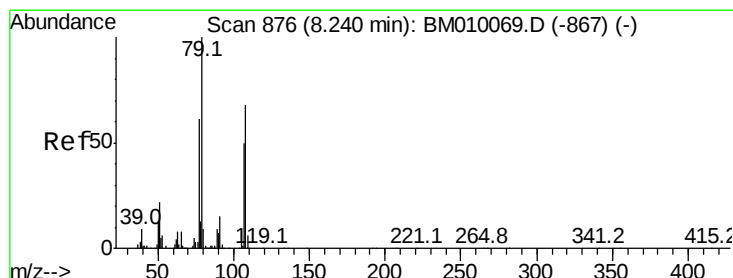
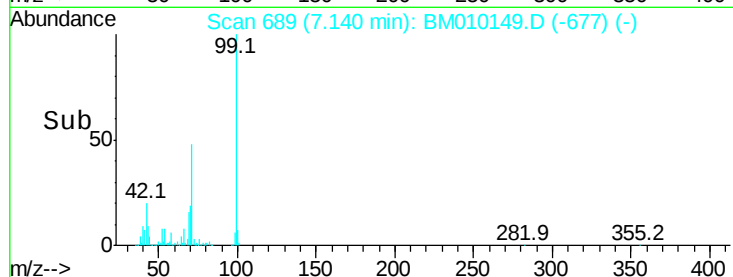
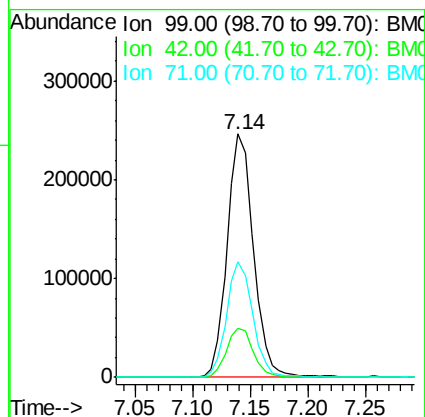
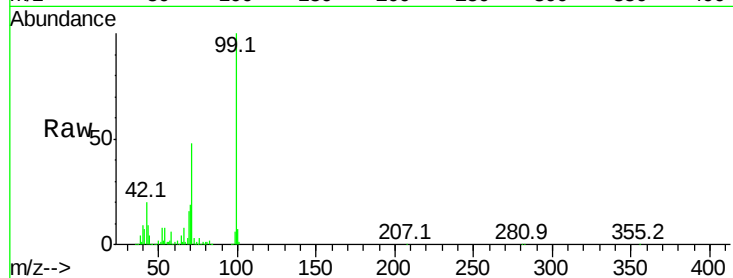
Tot Ion: 99 Resp: 392249

Ion Ratio Lower Upper

99 100

42 19.9 11.0 16.4#

71 47.7 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.85 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.04 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

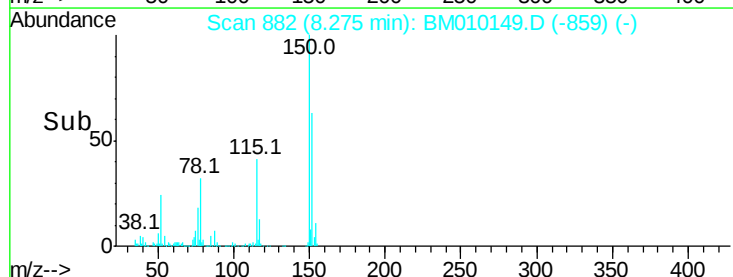
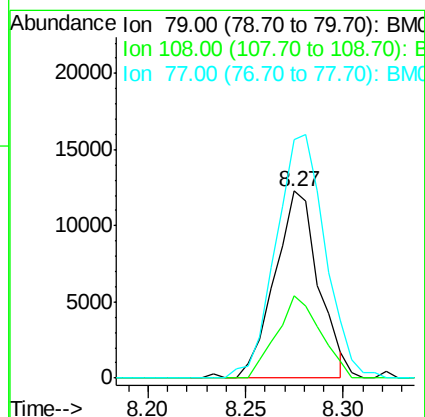
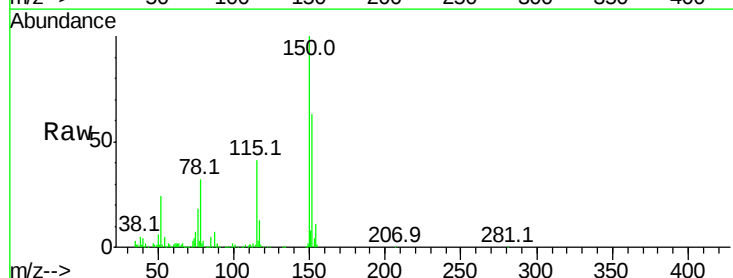
Tgt Ion: 79 Resp: 19122

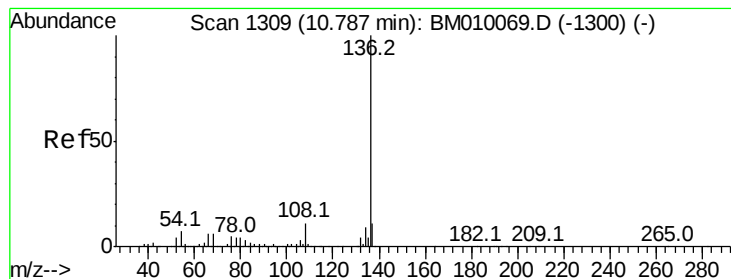
Ion Ratio Lower Upper

79 100

108 44.2 65.0 97.4#

77 127.6 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 426731

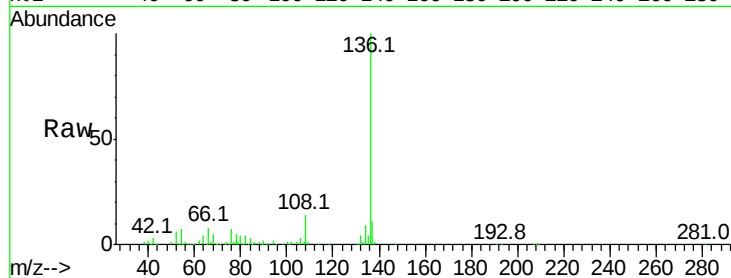
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.8 4.6 6.8

68 5.3 3.7 5.5

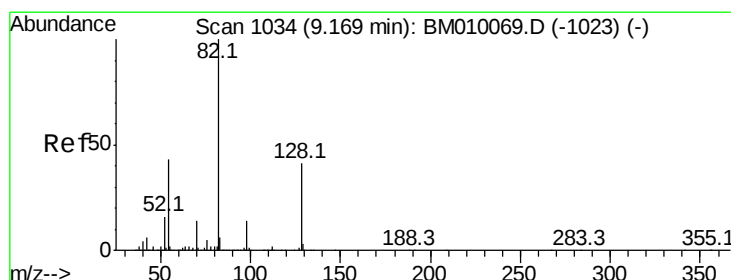
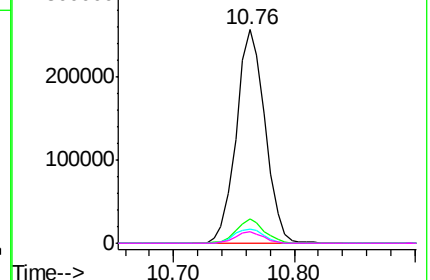
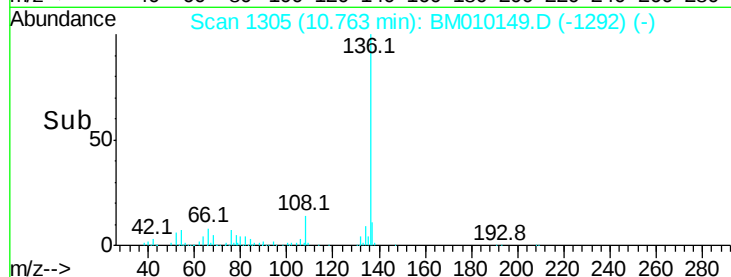


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.92 ng

RT: 9.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

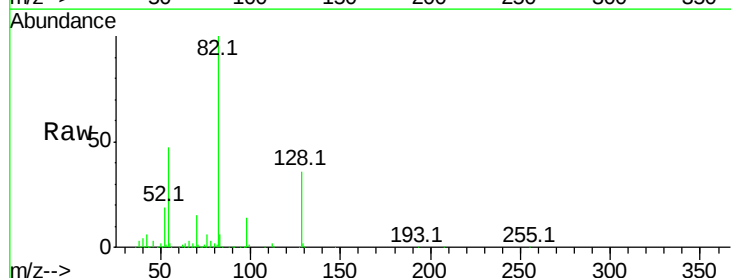
Tgt Ion: 82 Resp: 861545

Ion Ratio Lower Upper

82 100

128 36.3 32.8 49.2

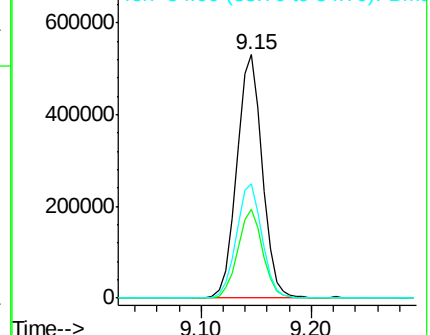
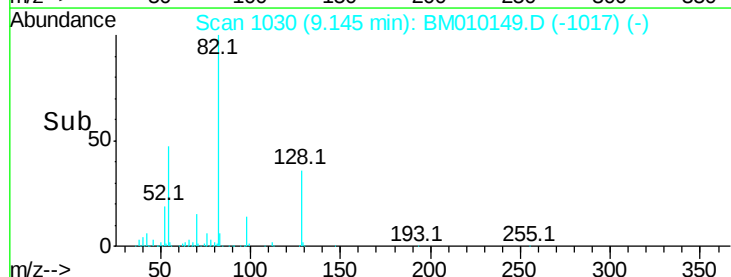
54 46.9 40.6 60.8

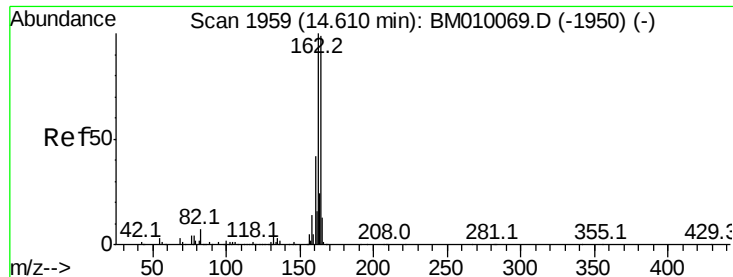


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.59 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

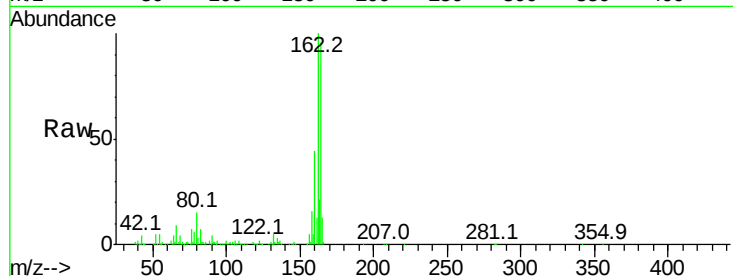
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 270213

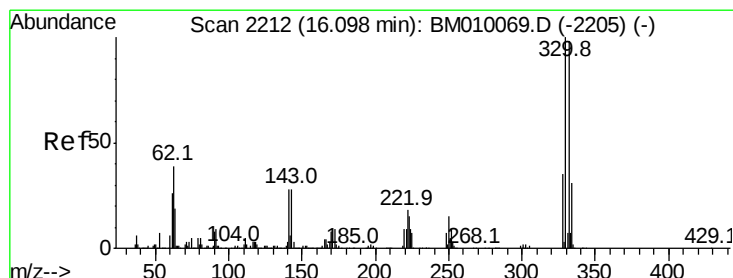
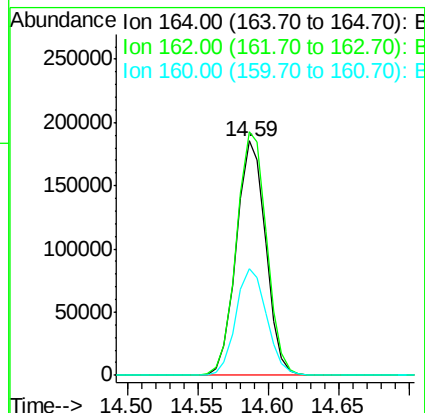
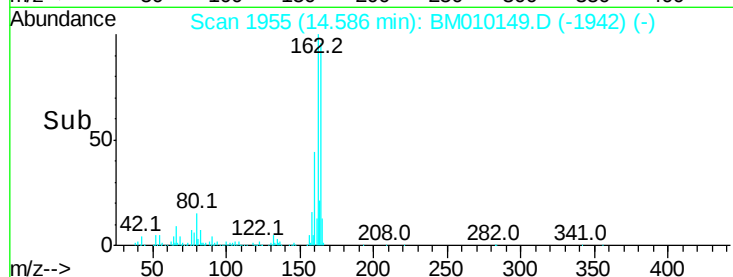
Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.4	123.6
160	45.5	35.8	53.6



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: 163.59 ng

RT: 16.08 min Scan# 2209

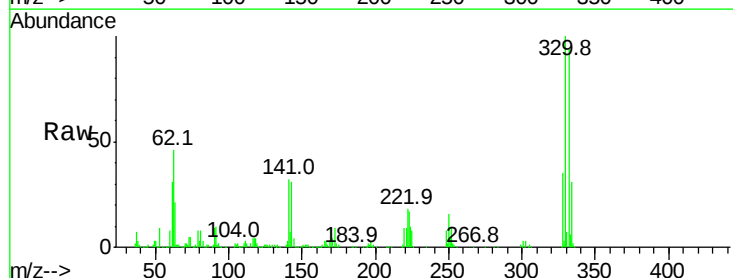
Delta R.T. -0.02 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

Tgt Ion:330 Resp: 671386

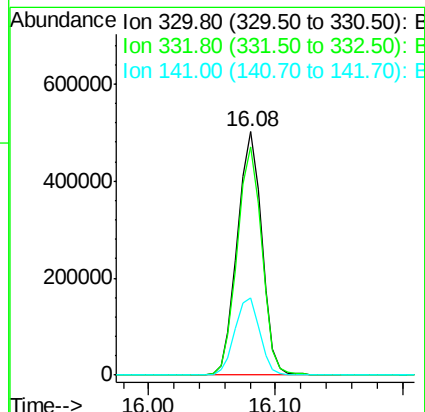
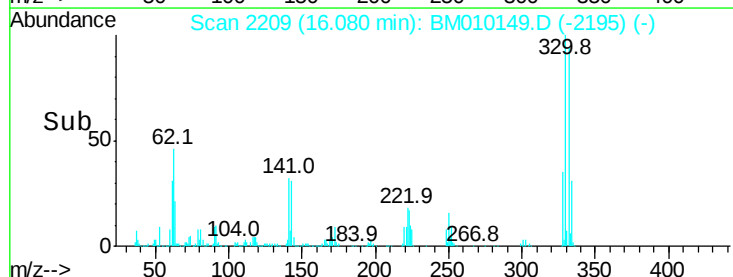
Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	32.4	0.0	0.0#

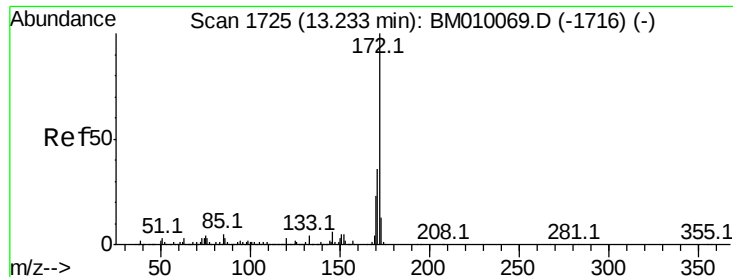


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

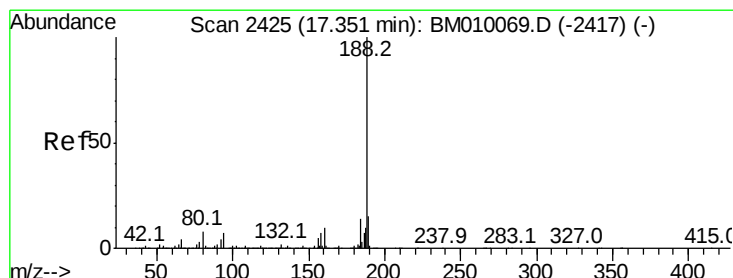
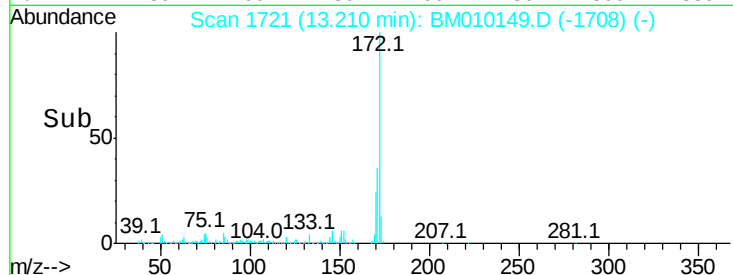
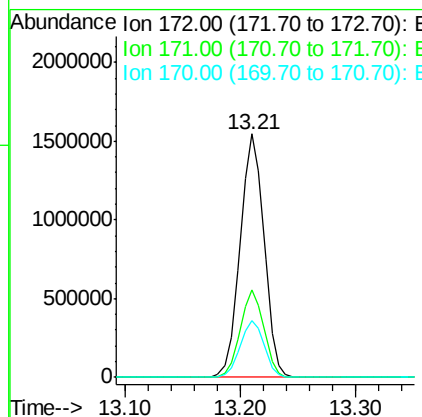
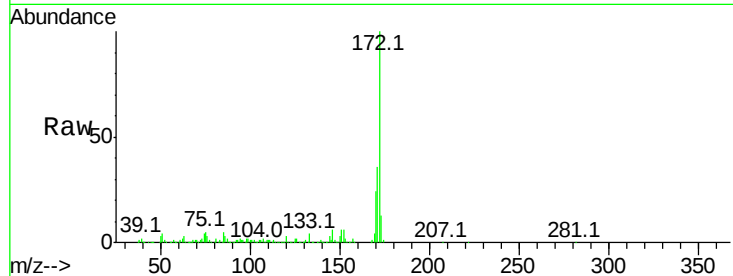




#44
2-Fluorobiphenyl
Concen: 105.46 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010149.D
Acq: 23 May 2017 19:29

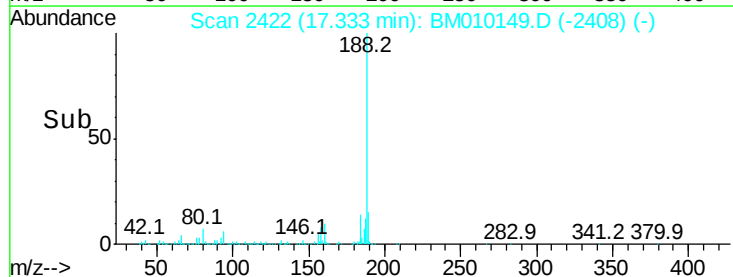
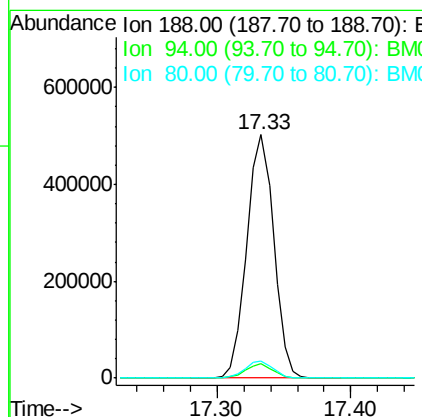
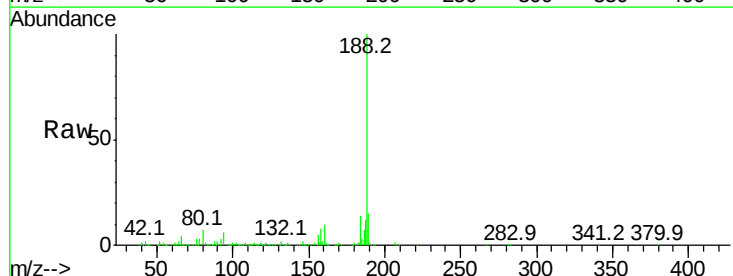
Instrument :
BNA_M
ClientSampleId :

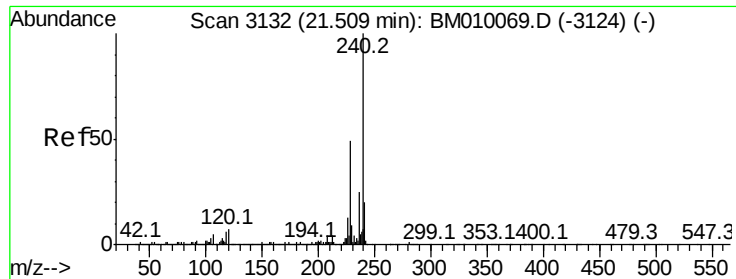
Tot Ion:172 Resp: 2216654
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010149.D
Acq: 23 May 2017 19:29

Tgt Ion:188 Resp: 703009
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 7.0 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

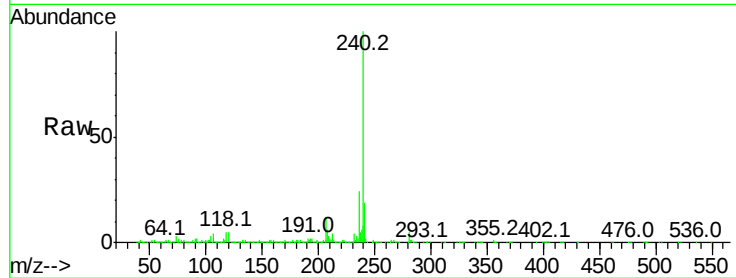
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1104807

Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	24.4	20.0	30.0

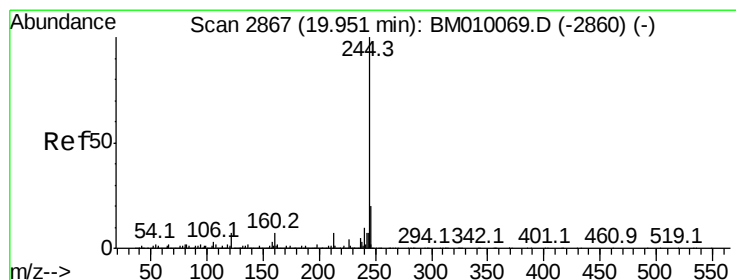
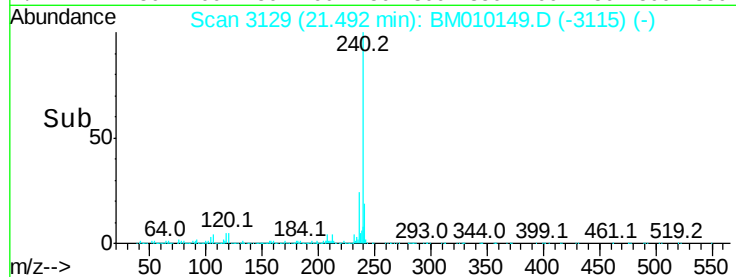
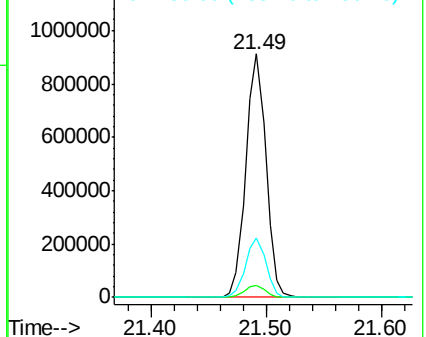


Abundance

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: 87.06 ng

RT: 19.93 min Scan# 2864

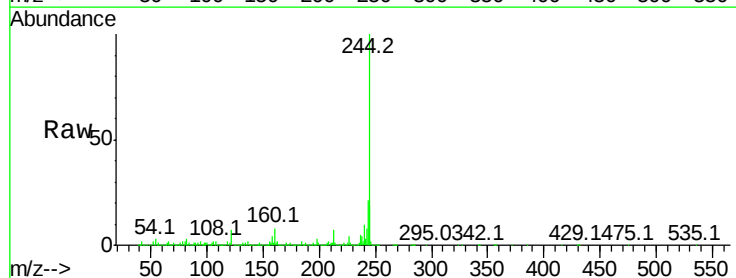
Delta R.T. -0.02 min

Lab File: BM010149.D

Acq: 23 May 2017 19:29

Tgt Ion:244 Resp: 4229976

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	6.7	6.2	9.4

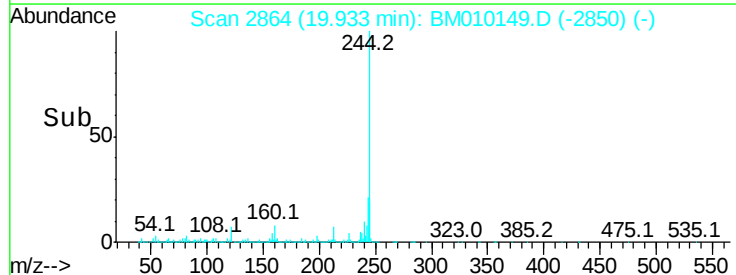
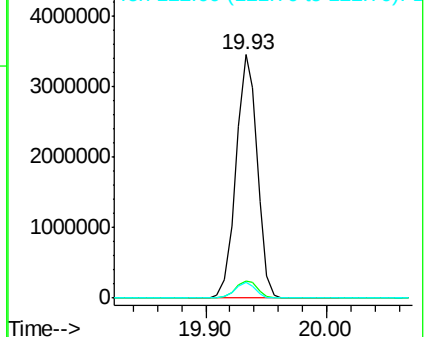


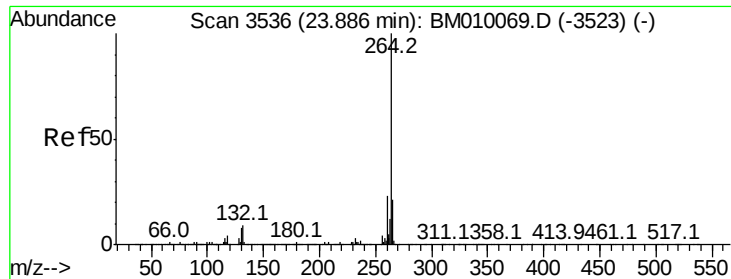
Abundance

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: 23.86 min Scan# 3531
 Delta R.T. -0.03 min
 Lab File: BM010149.D
 Acq: 23 May 2017 19:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1246846

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.6	17.3	25.9

