

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010208.D
 Acq On : 25 May 2017 09:01
 Operator : SJ/MA
 Sample : I3310-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-2019

Quant Time: May 25 13:31:15 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

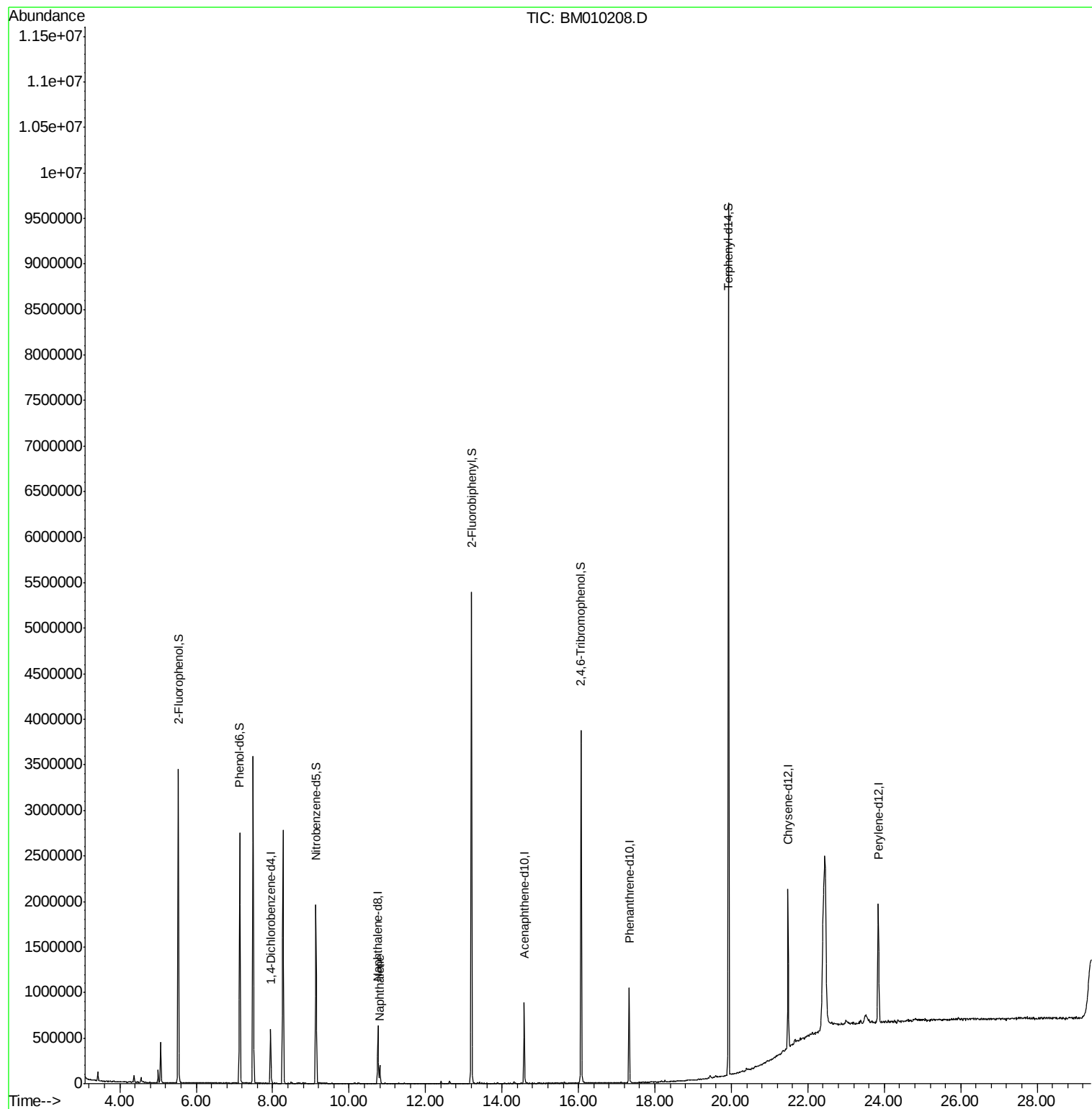
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	143128	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	463275	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	278796	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	617491	20.00	ng	-0.02
75) Chrysene-d12	21.48	240	873910	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1082579	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1210167	152.69	ng	-0.02
7) Phenol-d6	7.14	99	1319990	129.43	ng	-0.03
23) Nitrobenzene-d5	9.13	82	1065787	124.12	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	659024	155.64	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2555973	117.86	ng	-0.03
78) Terphenyl-d14	19.93	244	3728381	97.01	ng	-0.02
Target Compounds						
31) Naphthalene	10.80	128	139018	5.61	ng	Qvalue 98

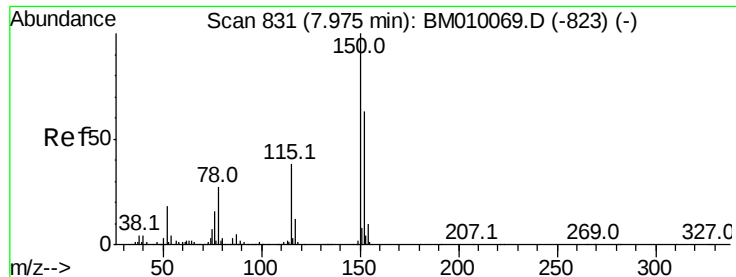
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010208.D

Acq: 25 May 2017 09:01

Instrument :

BNA_M

ClientSampleId :

RO-2019

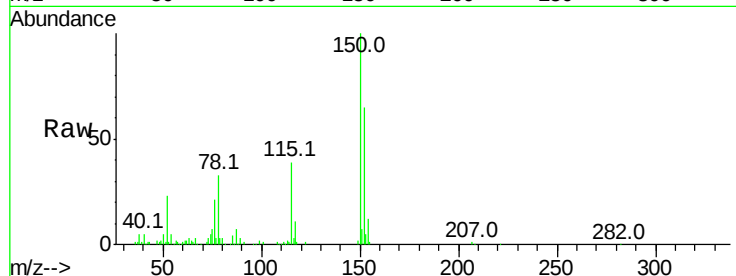
Tot Ion:152 Resp: 143128

Ion Ratio Lower Upper

152 100

150 154.3 119.5 179.3

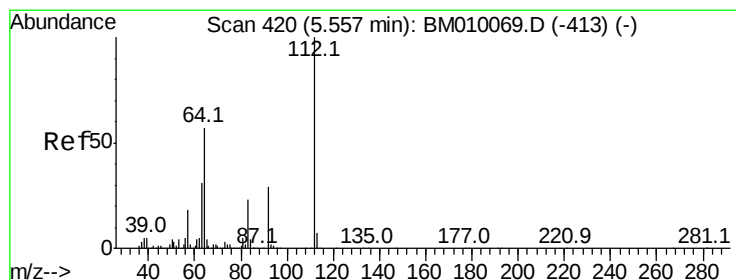
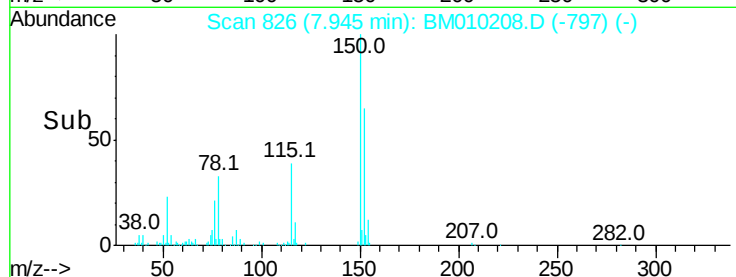
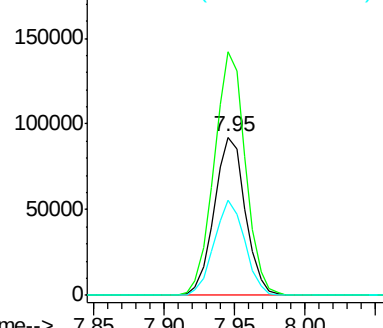
115 60.4 43.0 64.4



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: 152.69 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010208.D

Acq: 25 May 2017 09:01

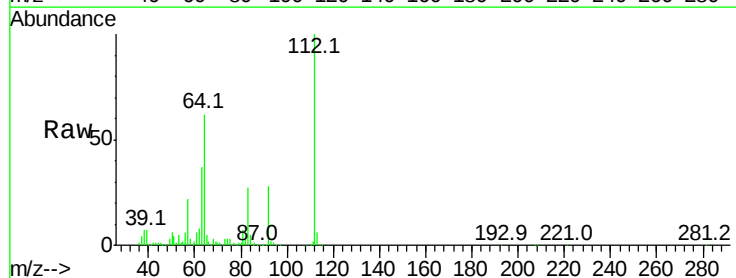
Tgt Ion:112 Resp: 1210167

Ion Ratio Lower Upper

112 100

64 62.2 38.6 57.8#

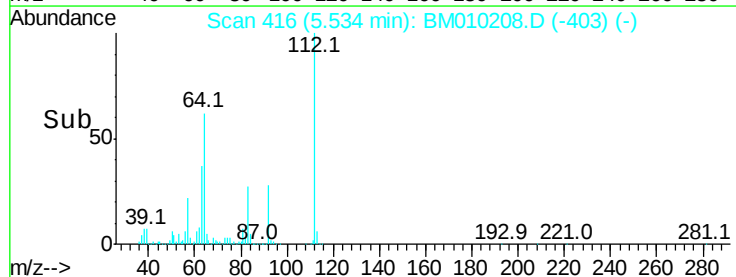
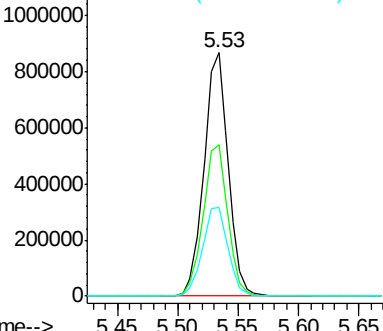
63 36.5 19.3 28.9#



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: 129.43 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010208.D

Acq: 25 May 2017 09:01

Instrument :

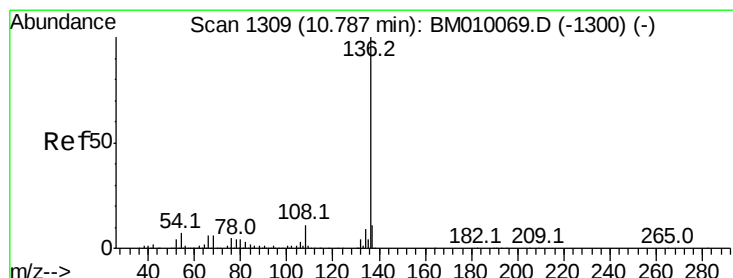
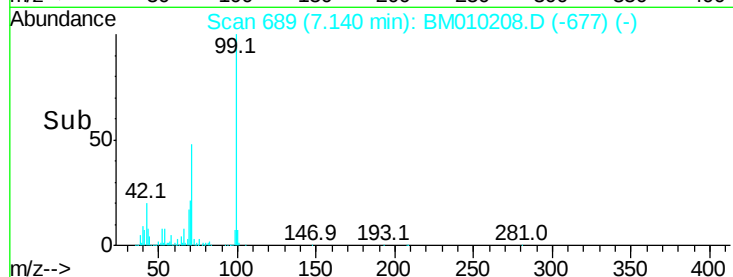
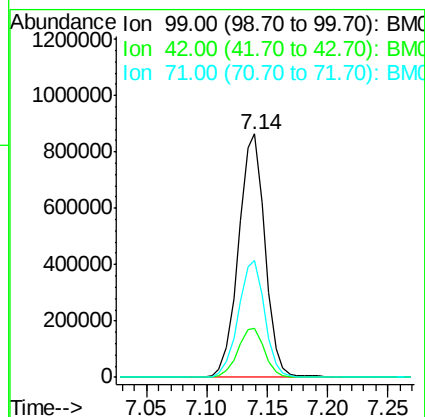
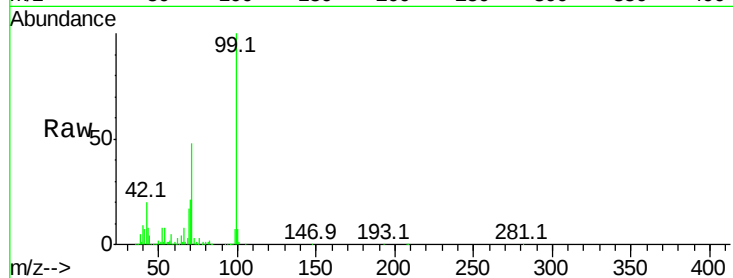
BNA_M

ClientSampled :

RO-2019

Tot Ion: 99 Resp: 1319990

Ion	Ratio	Lower	Upper
99	100		
42	20.0	11.0	16.4#
71	48.1	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

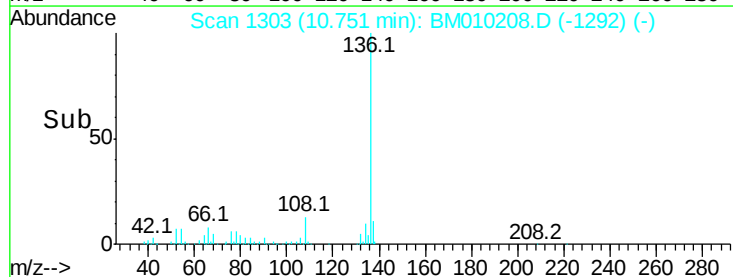
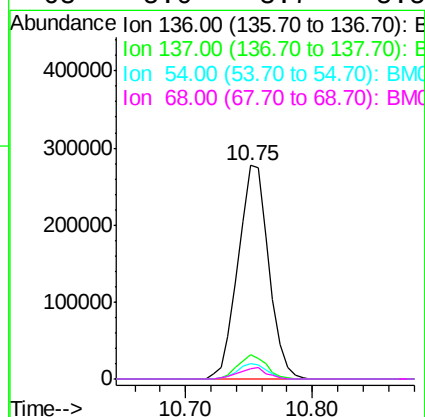
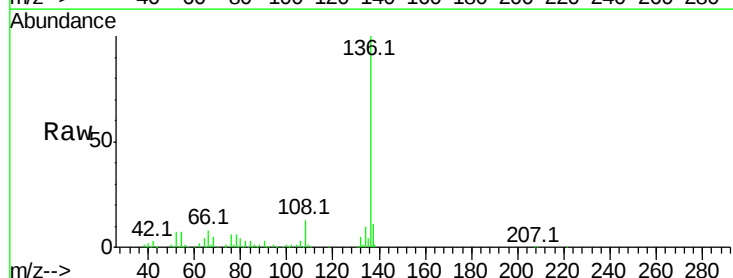
Delta R.T. -0.04 min

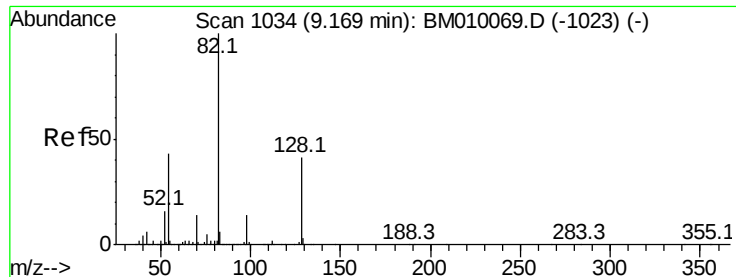
Lab File: BM010208.D

Acq: 25 May 2017 09:01

Tgt Ion: 136 Resp: 463275

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.0	4.6	6.8#
68	5.0	3.7	5.5





#23

Nitrobenzene-d5

Concen: 124.12 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.04 min

Lab File: BM010208.D

Acq: 25 May 2017 09:01

Instrument :

BNA_M

ClientSampleId :

RO-2019

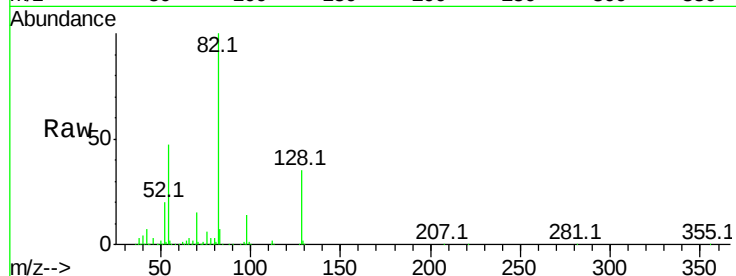
Tot Ion: 82 Resp: 1065787

Ion	Ratio	Lower	Upper
82	100		
128	34.5	32.8	49.2
54	47.3	40.6	60.8

82 100

128 34.5 32.8 49.2

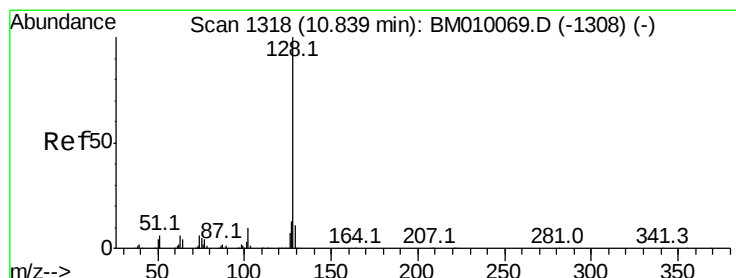
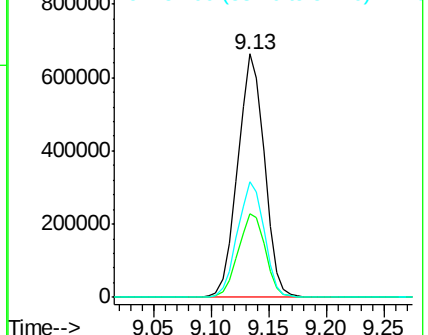
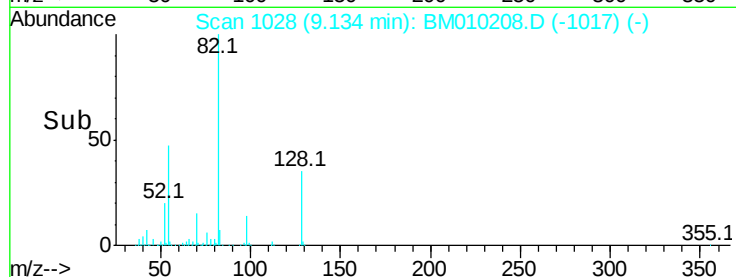
54 47.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010208.D (-1017) (-)

Ion 128.00 (127.70 to 128.70): BM010208.D (-1017) (-)

Ion 54.00 (53.70 to 54.70): BM010208.D (-1017) (-)



#31

Naphthalene

Concen: 5.61 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BM010208.D

Acq: 25 May 2017 09:01

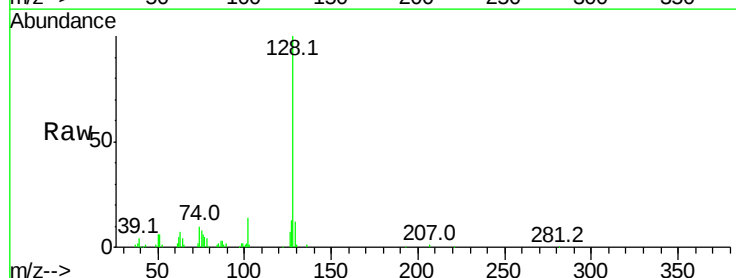
Tgt Ion: 128 Resp: 139018

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.9	13.3
127	12.8	10.4	15.6

128 100

129 12.4 8.9 13.3

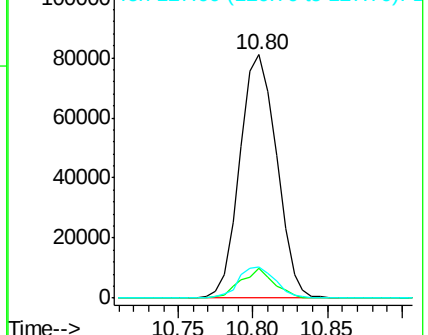
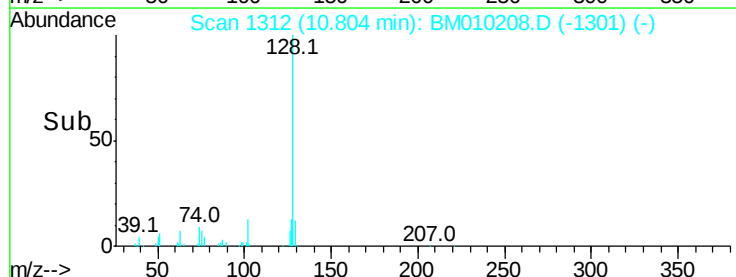
127 12.8 10.4 15.6

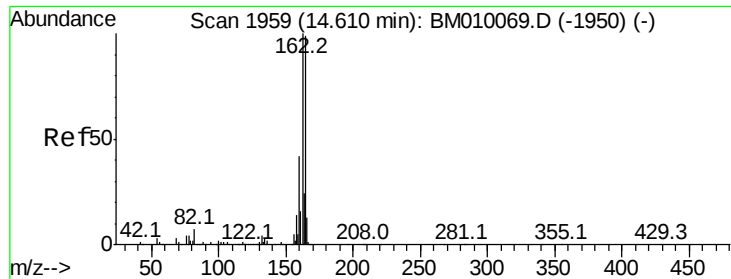


Abundance Ion 128.00 (127.70 to 128.70): BM010208.D (-1301) (-)

Ion 129.00 (128.70 to 129.70): BM010208.D (-1301) (-)

Ion 127.00 (126.70 to 127.70): BM010208.D (-1301) (-)

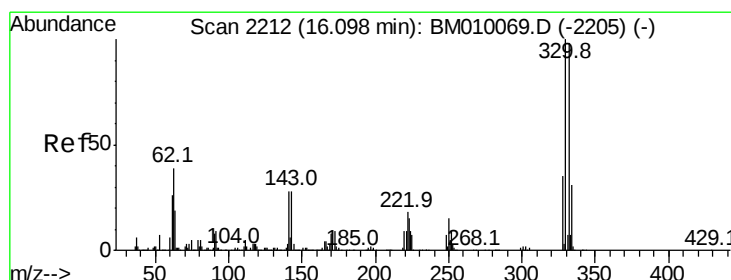
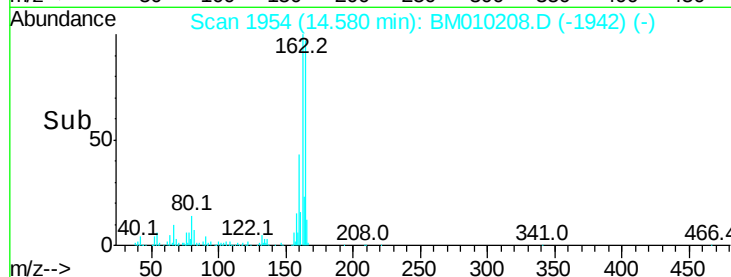
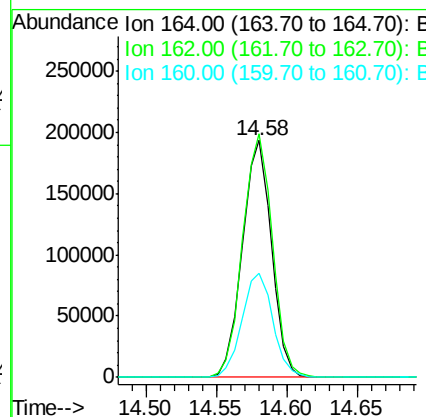
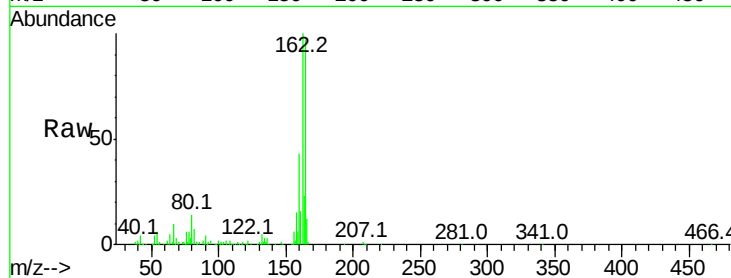




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BM010208.D
Acq: 25 May 2017 09:01

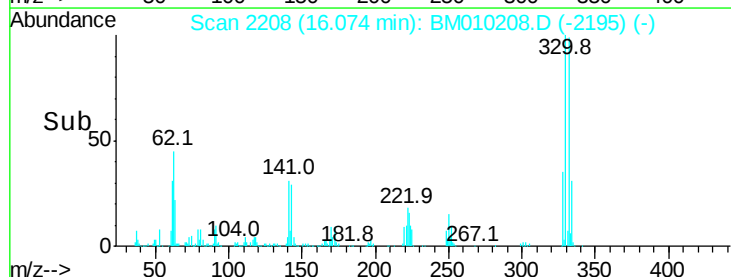
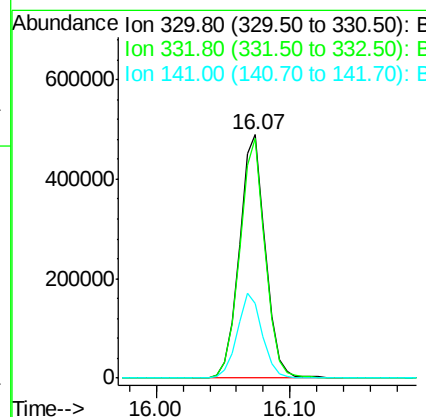
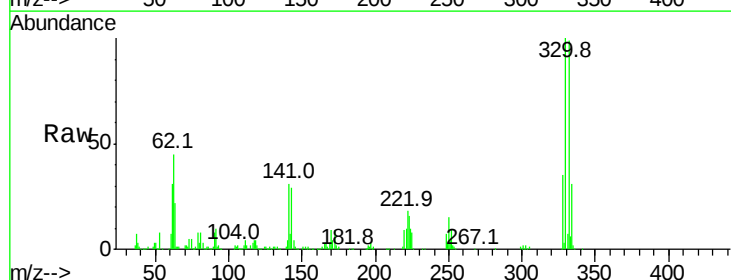
Instrument :
BNA_M
ClientSampleId :
RO-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.4	123.6
160	44.1	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 155.64 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010208.D
Acq: 25 May 2017 09:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	33.9	0.0	0.0#

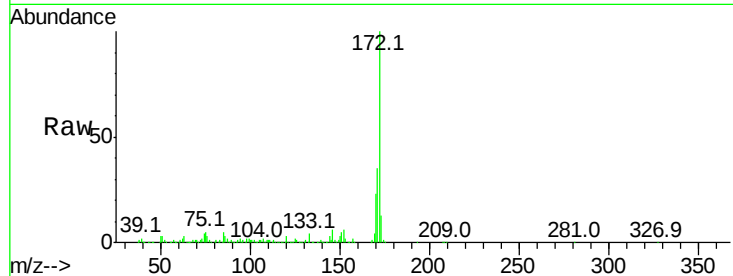




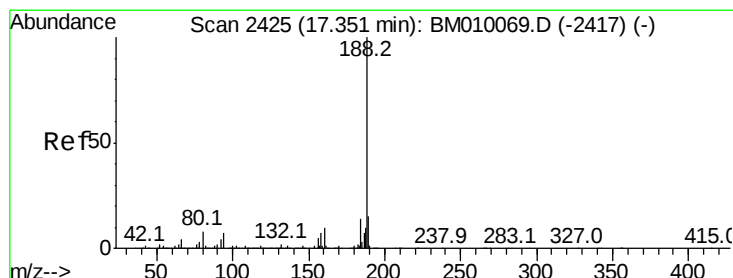
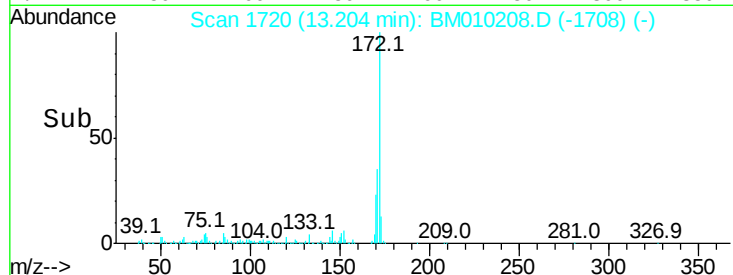
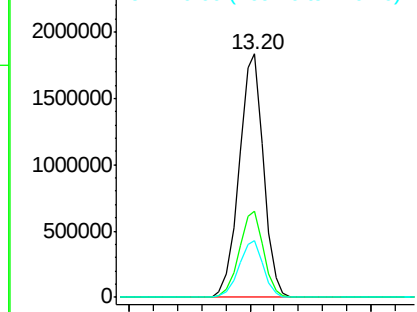
#44
2-Fluorobiphenyl
Concen: 117.86 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010208.D
Acq: 25 May 2017 09:01

Instrument :
BNA_M
ClientSampleId :
RO-2019

Tot Ion:172 Resp: 2555973
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.1 18.8 28.2

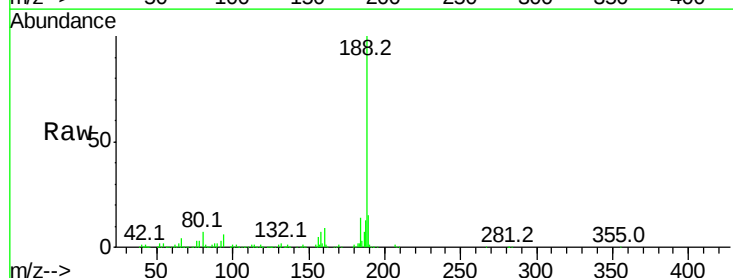


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

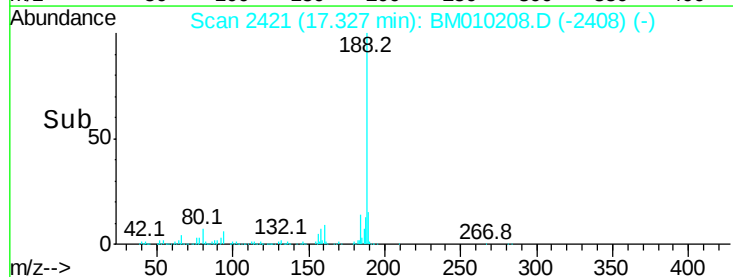
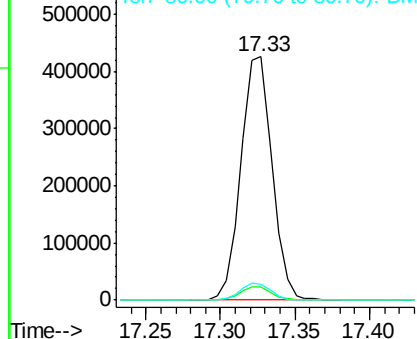


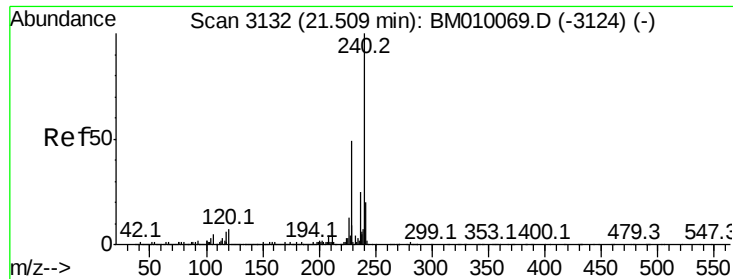
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010208.D
Acq: 25 May 2017 09:01

Tgt Ion:188 Resp: 617491
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 6.7 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: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010208.D

Acq: 25 May 2017 09:01

Instrument :

BNA_M

ClientSampleId :

RO-2019

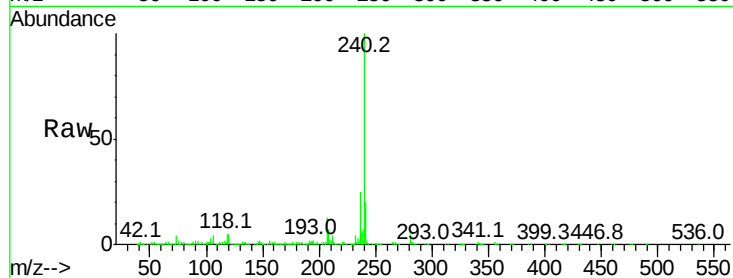
Tot Ion:240 Resp: 873910

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

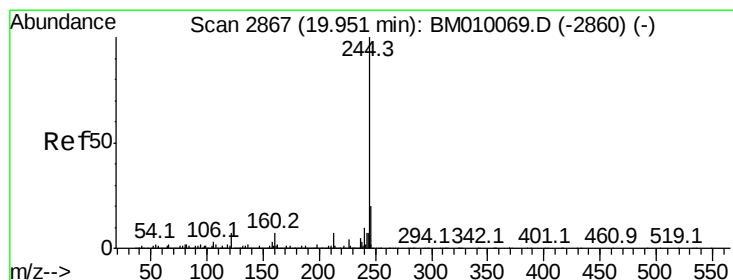
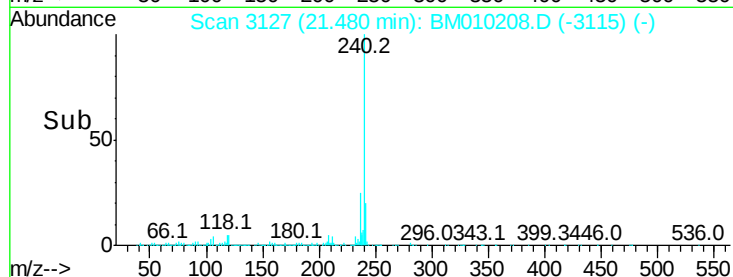
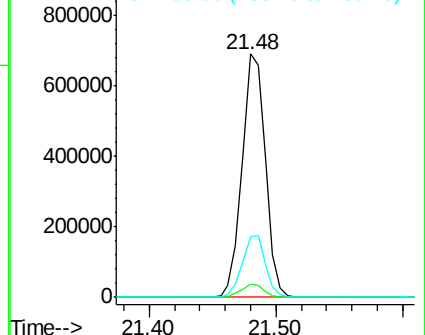
236 24.7 20.0 30.0



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: 97.01 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010208.D

Acq: 25 May 2017 09:01

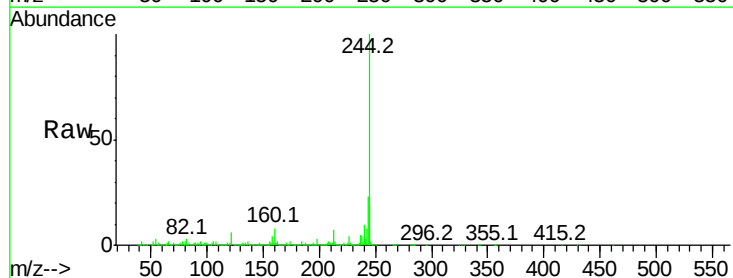
Tgt Ion:244 Resp: 3728381

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

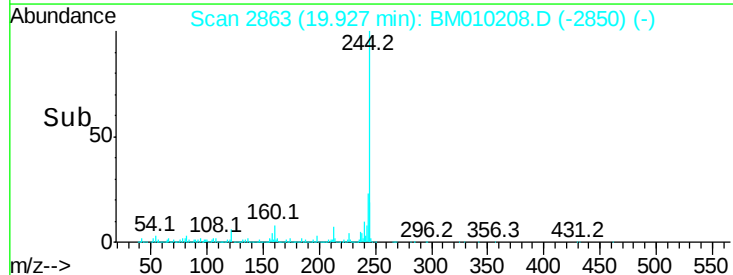
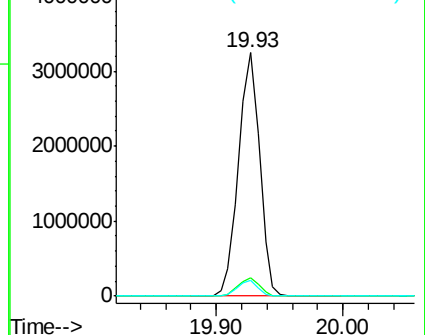
122 6.3 6.2 9.4

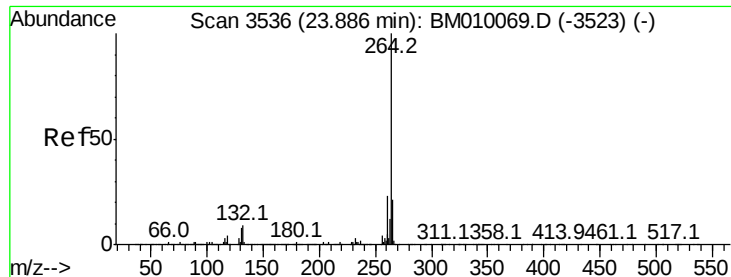


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



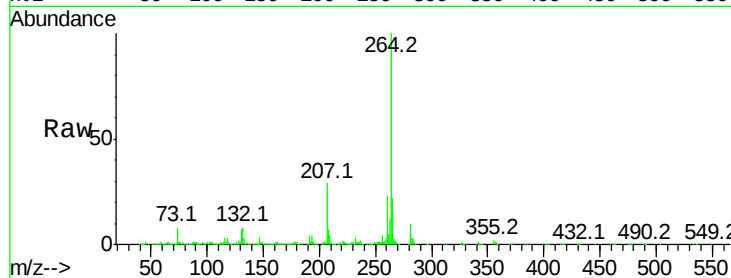


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3529
Delta R.T. -0.04 min
Lab File: BM010208.D
Acq: 25 May 2017 09:01

Instrument :
BNA_M
ClientSampleId :
RO-2019

Tot Ion: 264 Resp: 1082579

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.1	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

