

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010227.D
 Acq On : 25 May 2017 21:08
 Operator : SJ/MA
 Sample : I3331-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-22COMP

Quant Time: May 26 06:48:49 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

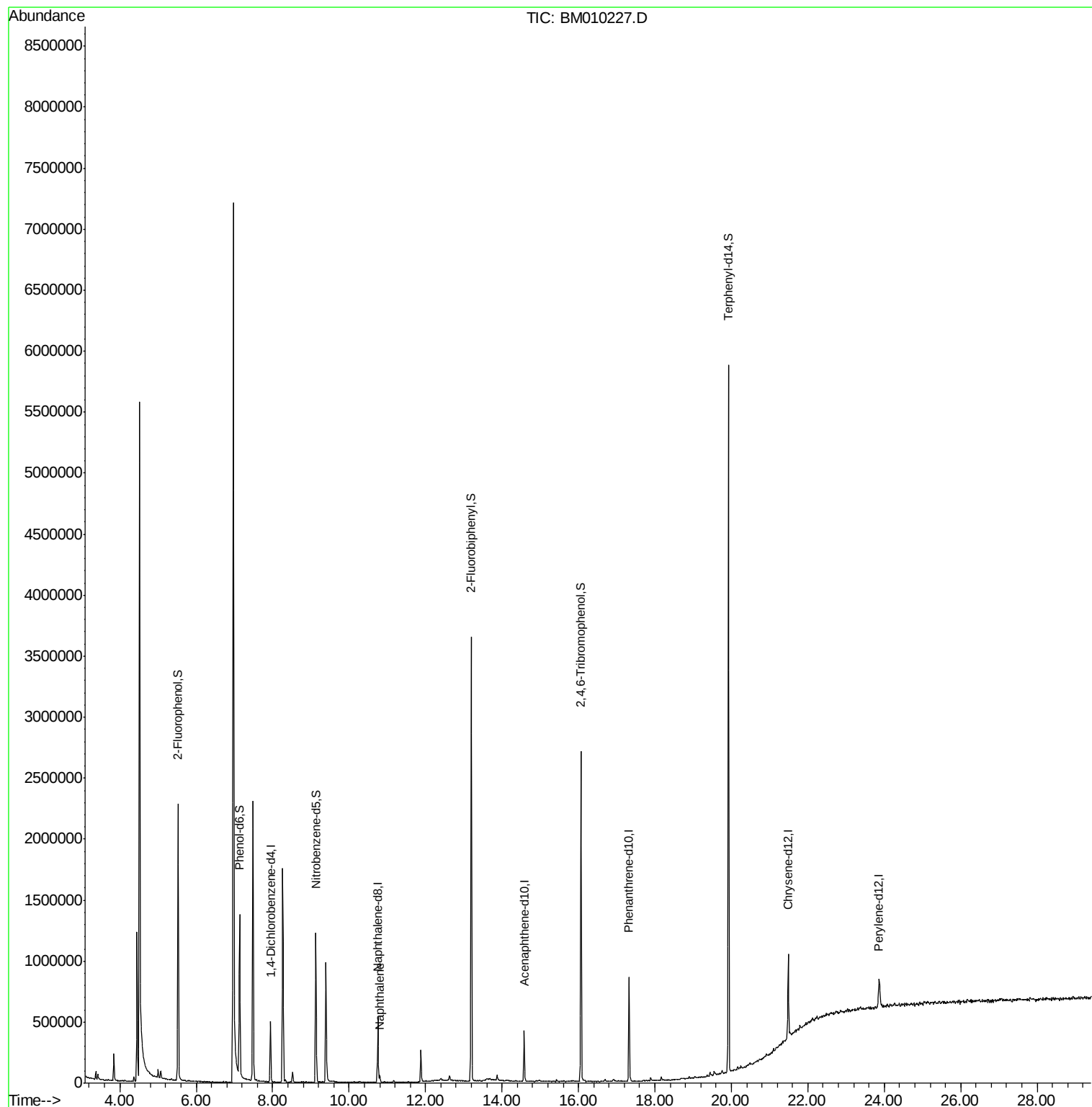
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	118805	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	383936	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	109629	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	414259	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	214414	20.00	ng	-0.03
86) Perylene-d12	23.84	264	7596	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	766157	116.46	ng	-0.03
7) Phenol-d6	7.13	99	548900	64.84	ng	-0.04
23) Nitrobenzene-d5	9.13	82	672557	94.51	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	455310	273.45	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1662645	194.97	ng	-0.04
78) Terphenyl-d14	19.93	244	1918681	203.47	ng	-0.02
Target Compounds						
31) Naphthalene	10.80	128	42186	2.05	ng	Qvalue 99

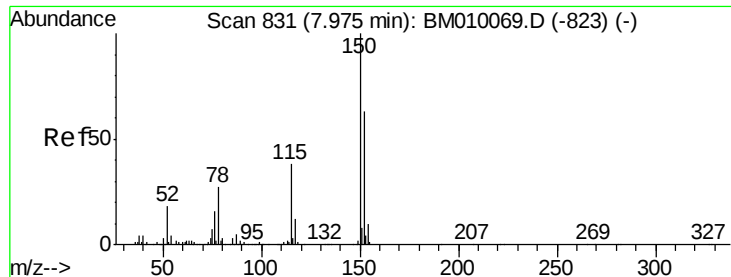
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010227.D

Acq: 25 May 2017 21:08

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BNA_M

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SB-22COMP

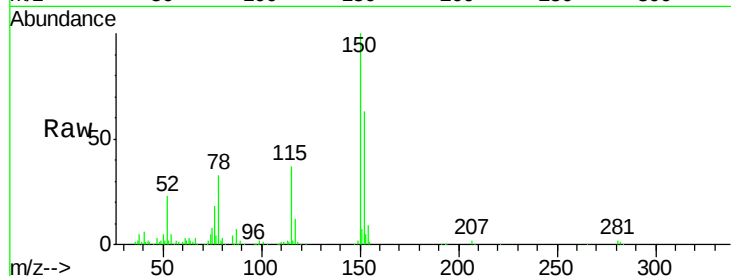
Tgt Ion:152 Resp: 118805

Ion Ratio Lower Upper

152 100

150 158.0 119.5 179.3

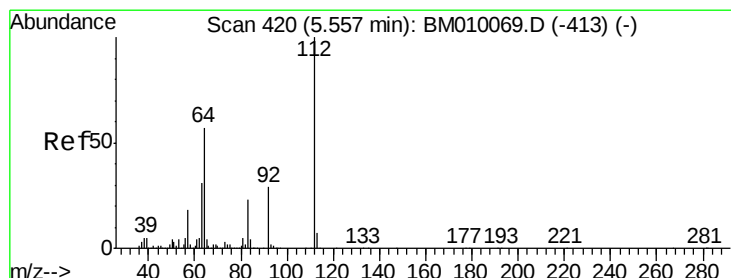
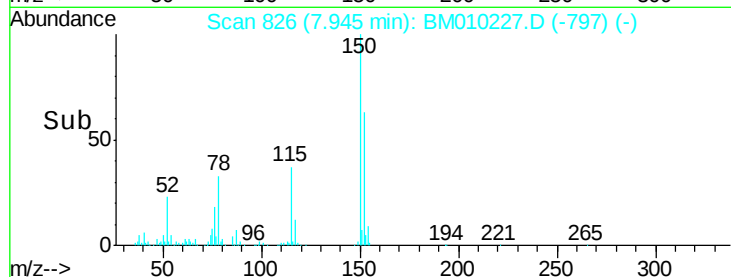
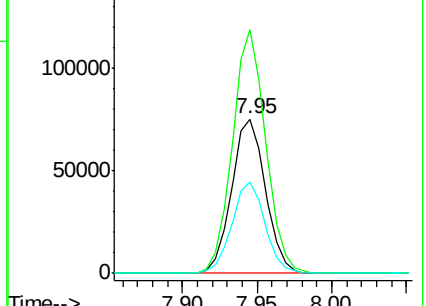
115 59.1 43.0 64.4



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: 116.46 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.03 min

Lab File: BM010227.D

Acq: 25 May 2017 21:08

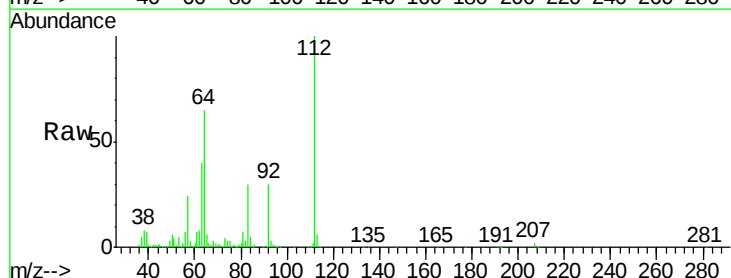
Tgt Ion:112 Resp: 766157

Ion Ratio Lower Upper

112 100

64 65.0 38.6 57.8#

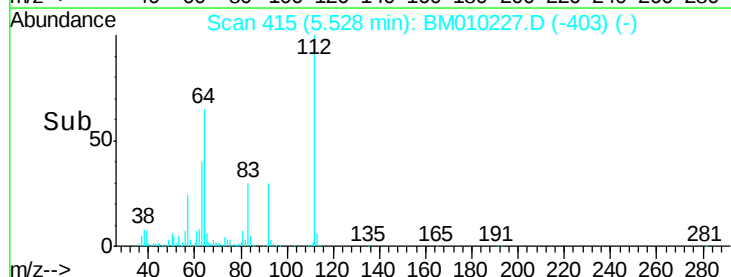
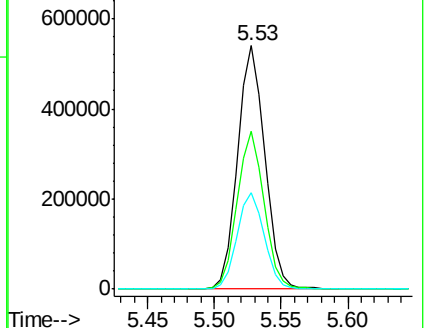
63 39.8 19.3 28.9#

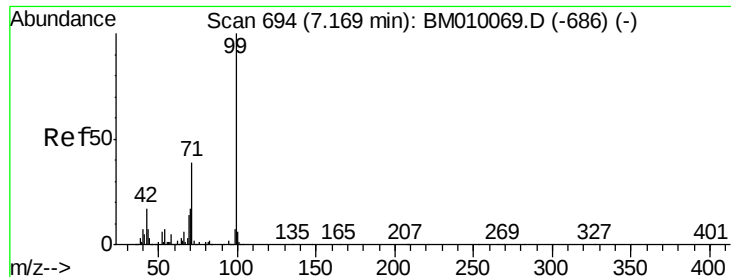


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 64.84 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010227.D

Acq: 25 May 2017 21:08

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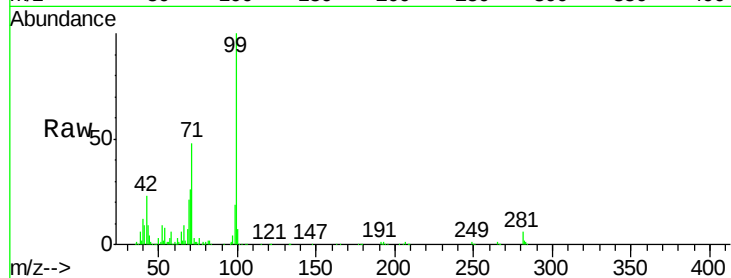
Tgt Ion: 99 Resp: 548900

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

71 48.0 23.4 35.2#

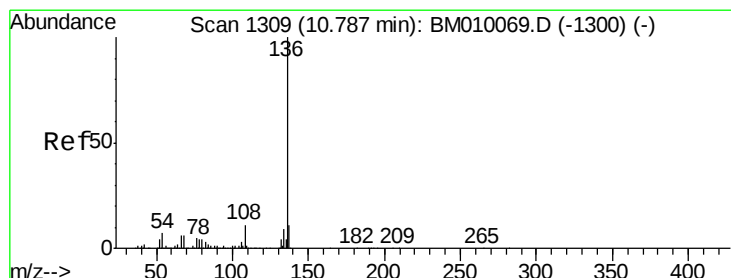
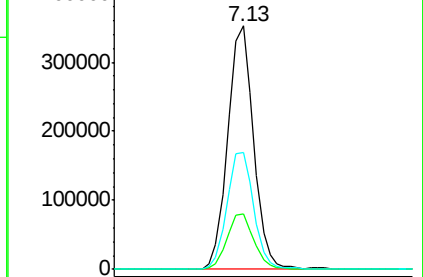
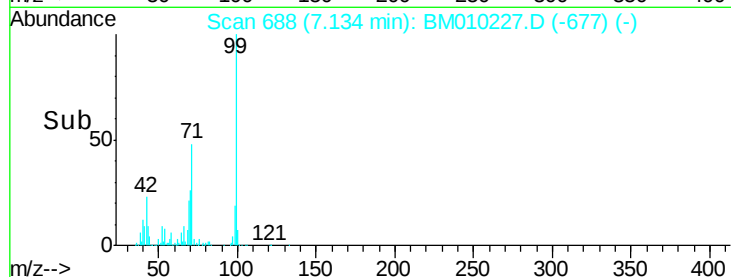


Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010227.D

Acq: 25 May 2017 21:08

Tgt Ion: 136 Resp: 383936

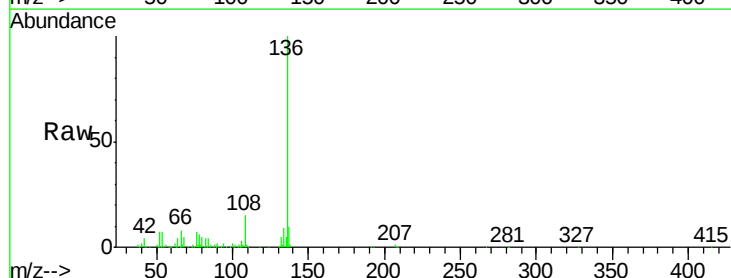
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.4 4.6 6.8#

68 4.6 3.7 5.5



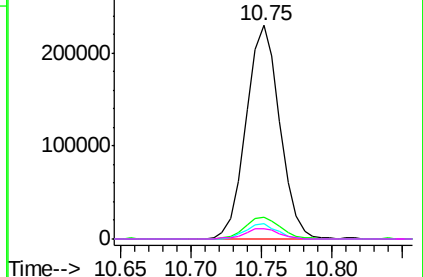
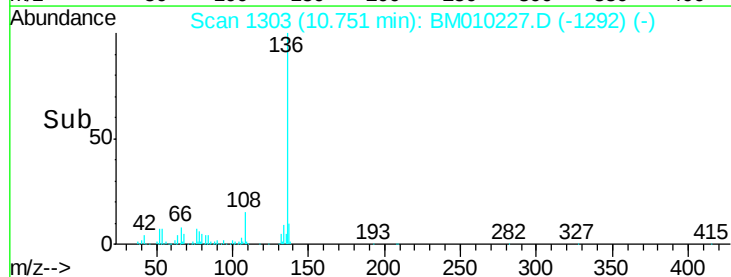
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

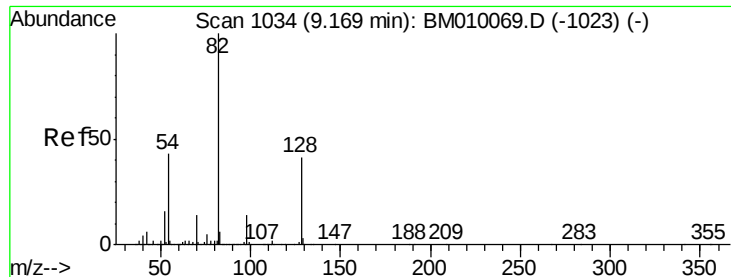
Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

Time-->

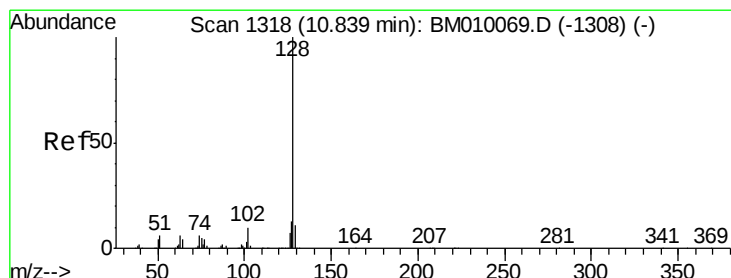
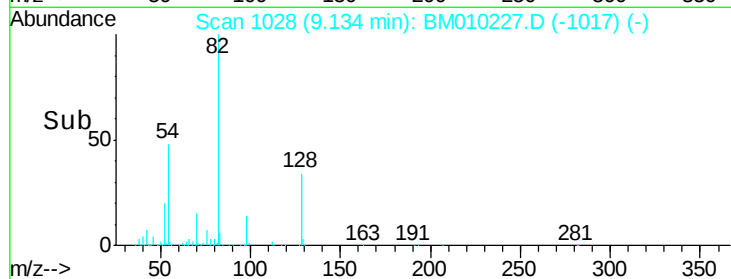
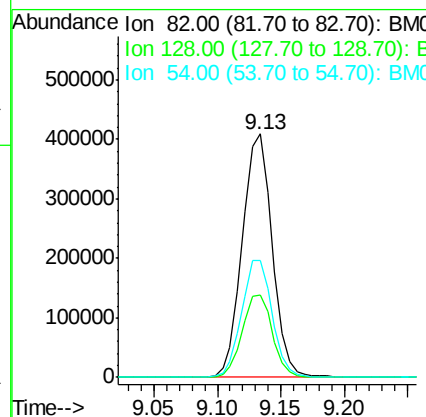
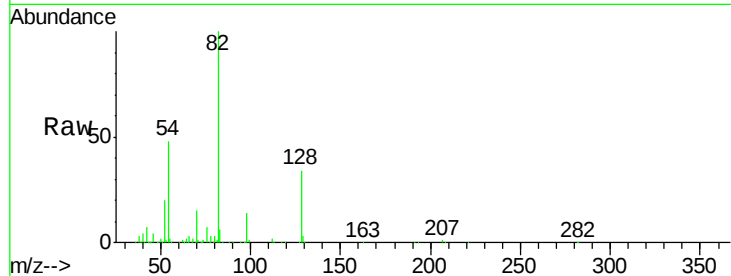




#23
 Nitrobenzene-d5
 Concen: 94.51 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010227.D
 Acq: 25 May 2017 21:08

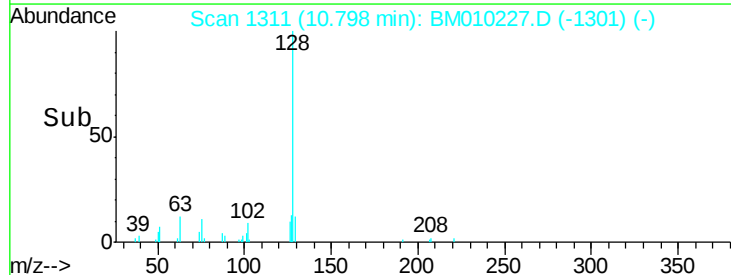
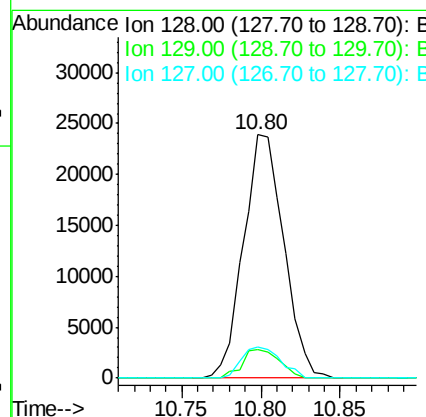
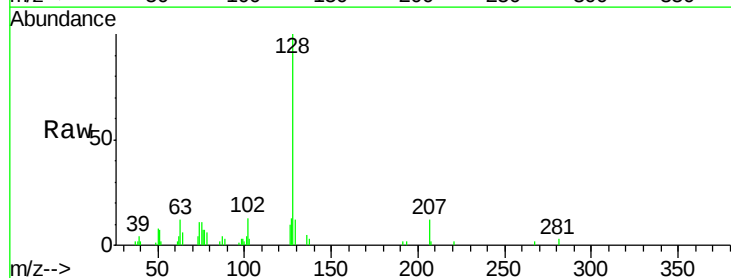
Instrument :
 BNA_M
 ClientSampleId :
 SB-22COMP

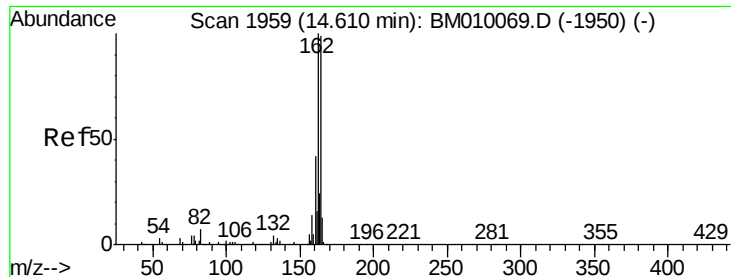
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	32.8	49.2
54	48.0	40.6	60.8



#31
 Naphthalene
 Concen: 2.05 ng
 RT: 10.80 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BM010227.D
 Acq: 25 May 2017 21:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	12.8	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010227.D

Acq: 25 May 2017 21:08

Instrument :

BNA_M

ClientSampleId :

SB-22COMP

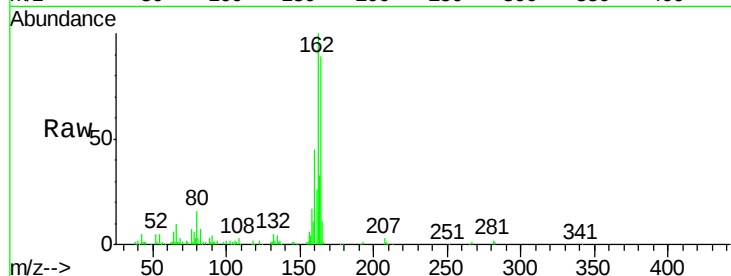
Tgt Ion:164 Resp: 109629

Ion Ratio Lower Upper

164 100

162 112.8 82.4 123.6

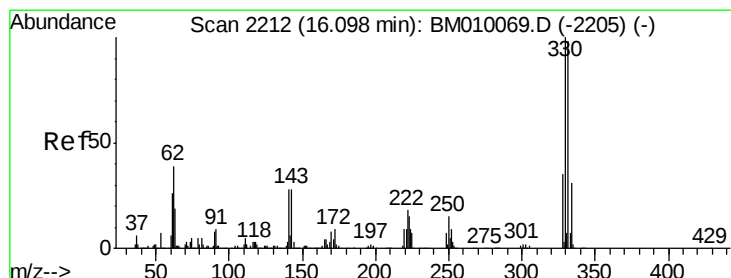
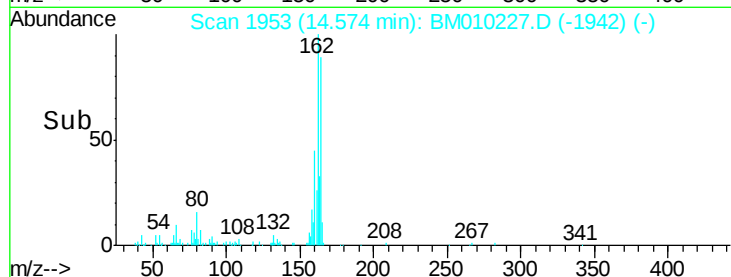
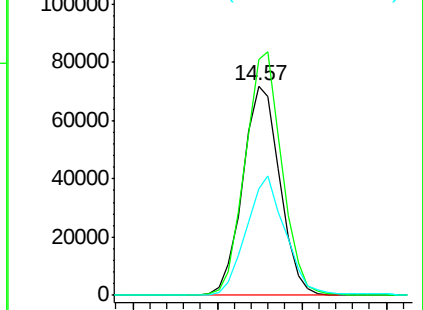
160 50.8 35.8 53.6



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: 273.45 ng

RT: 16.07 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BM010227.D

Acq: 25 May 2017 21:08

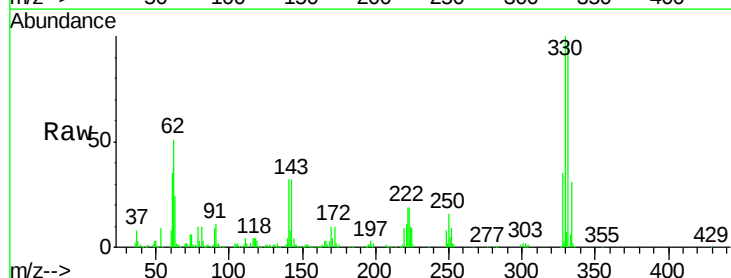
Tgt Ion:330 Resp: 455310

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

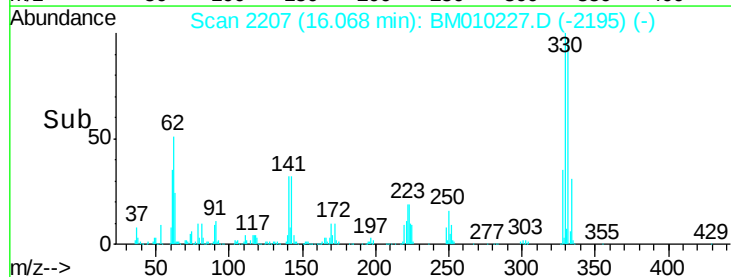
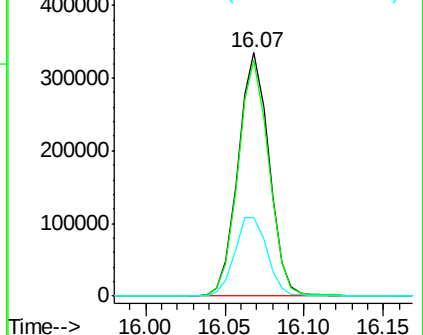
141 34.2 0.0 0.0#

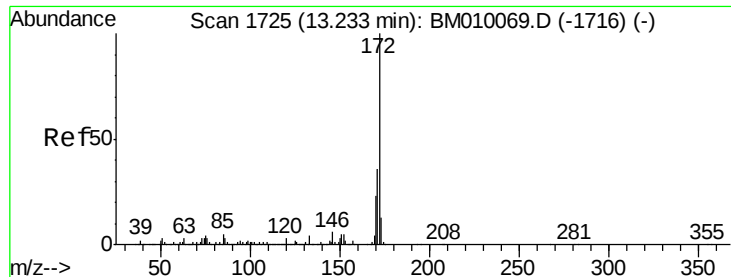


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

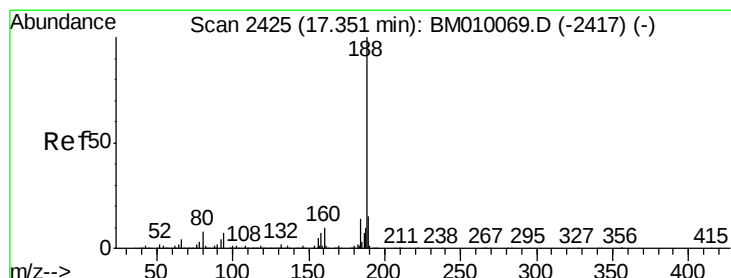
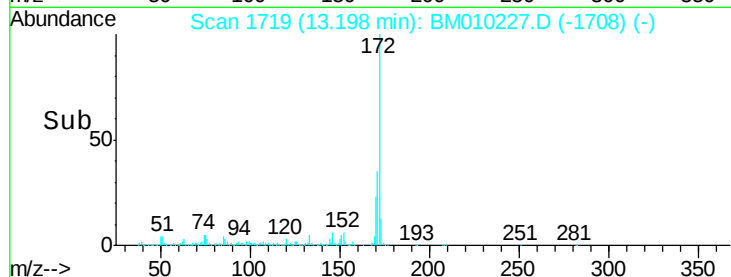
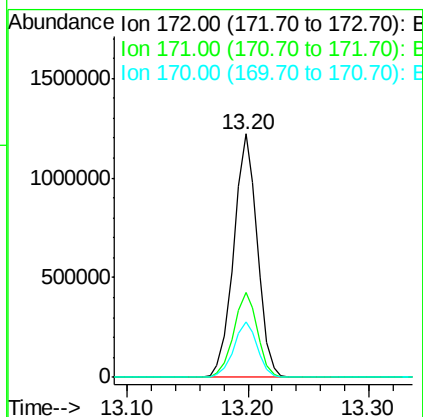
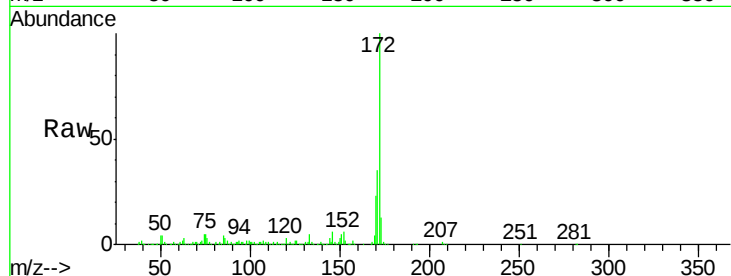




#44
2-Fluorobiphenyl
Concen: 194.97 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

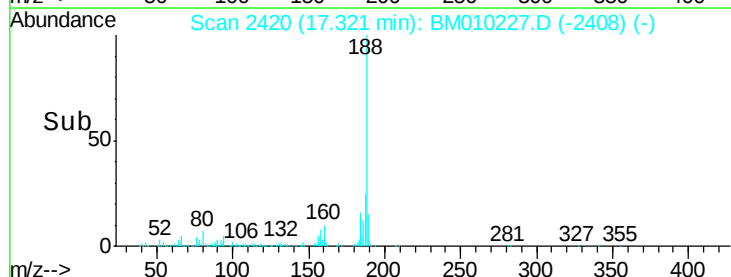
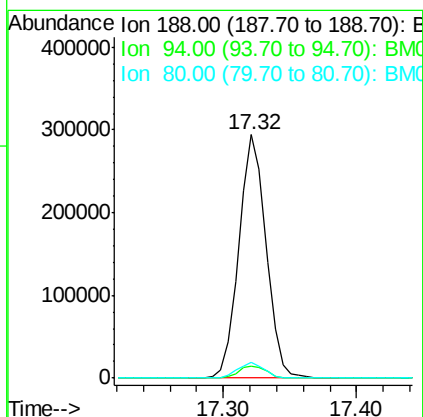
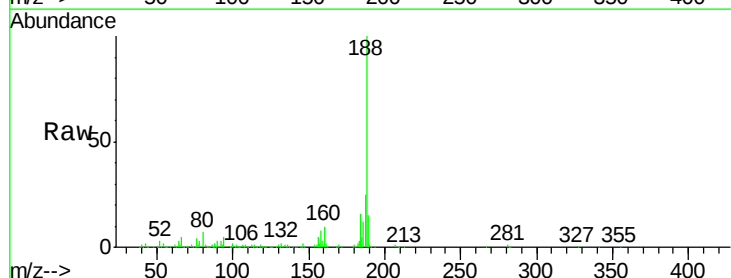
Instrument :
BNA_M
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SB-22COMP

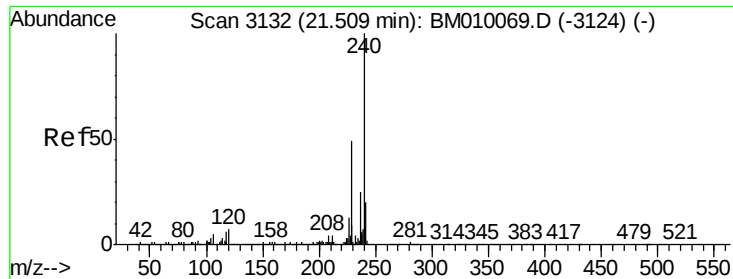
Tgt Ion:172 Resp: 1662645
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.0 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion:188 Resp: 414259
Ion Ratio Lower Upper
188 100
94 5.1 8.7 13.1#
80 6.6 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010227.D

Acq: 25 May 2017 21:08

Instrument :

BNA_M

ClientSampleId :

SB-22COMP

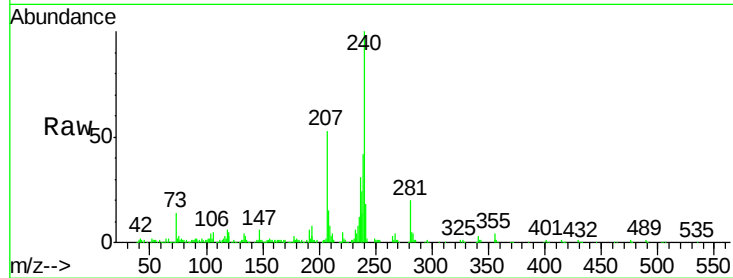
Tgt Ion:240 Resp: 214414

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

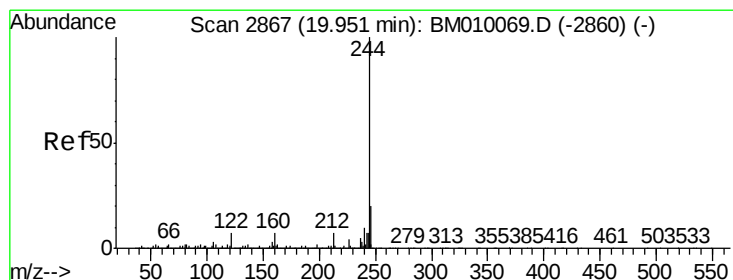
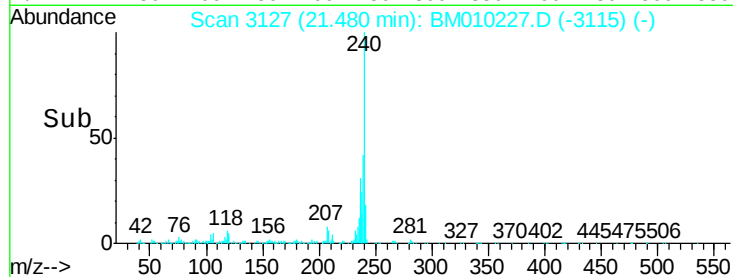
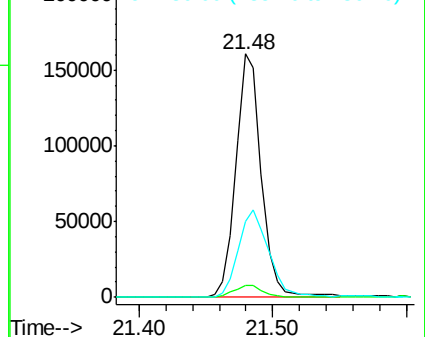
236 31.1 20.0 30.0#



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: 203.47 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010227.D

Acq: 25 May 2017 21:08

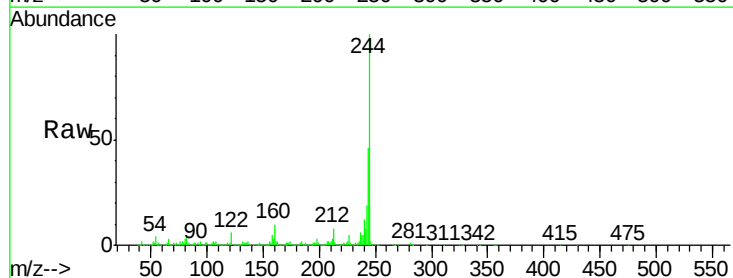
Tgt Ion:244 Resp: 1918681

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

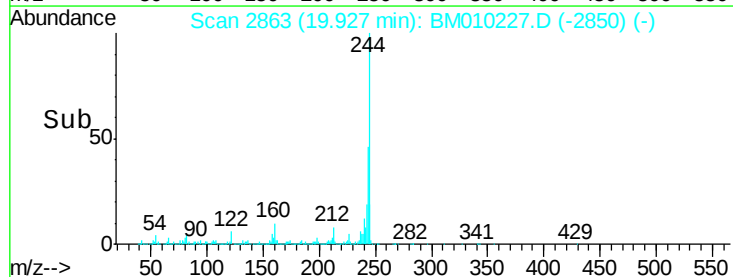
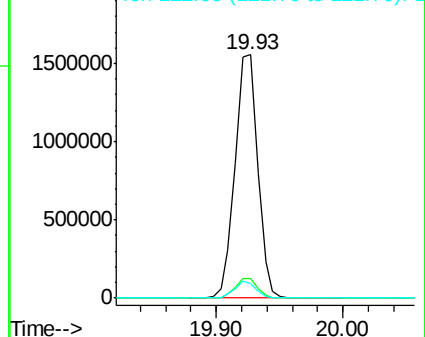
122 6.1 6.2 9.4#

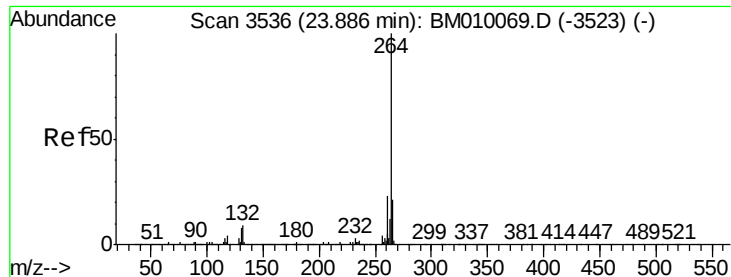


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3528
Delta R.T. -0.05 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :
SB-22COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	180.6	18.6	27.8#
265	205.6	17.3	25.9#

