

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010150.D
 Acq On : 23 May 2017 20:05
 Operator : SJ/MA
 Sample : I3282-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PZ-15

Quant Time: May 24 05:45:56 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	141249	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	475559	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	311409	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	806037	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1200751	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1322571	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	506843	64.80	ng	-0.02
7) Phenol-d6	7.14	99	389106	38.66	ng	-0.03
23) Nitrobenzene-d5	9.15	82	894501	101.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	731150	154.59	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2287057	94.41	ng	-0.02
78) Terphenyl-d14	19.93	244	4148939	78.57	ng	-0.02

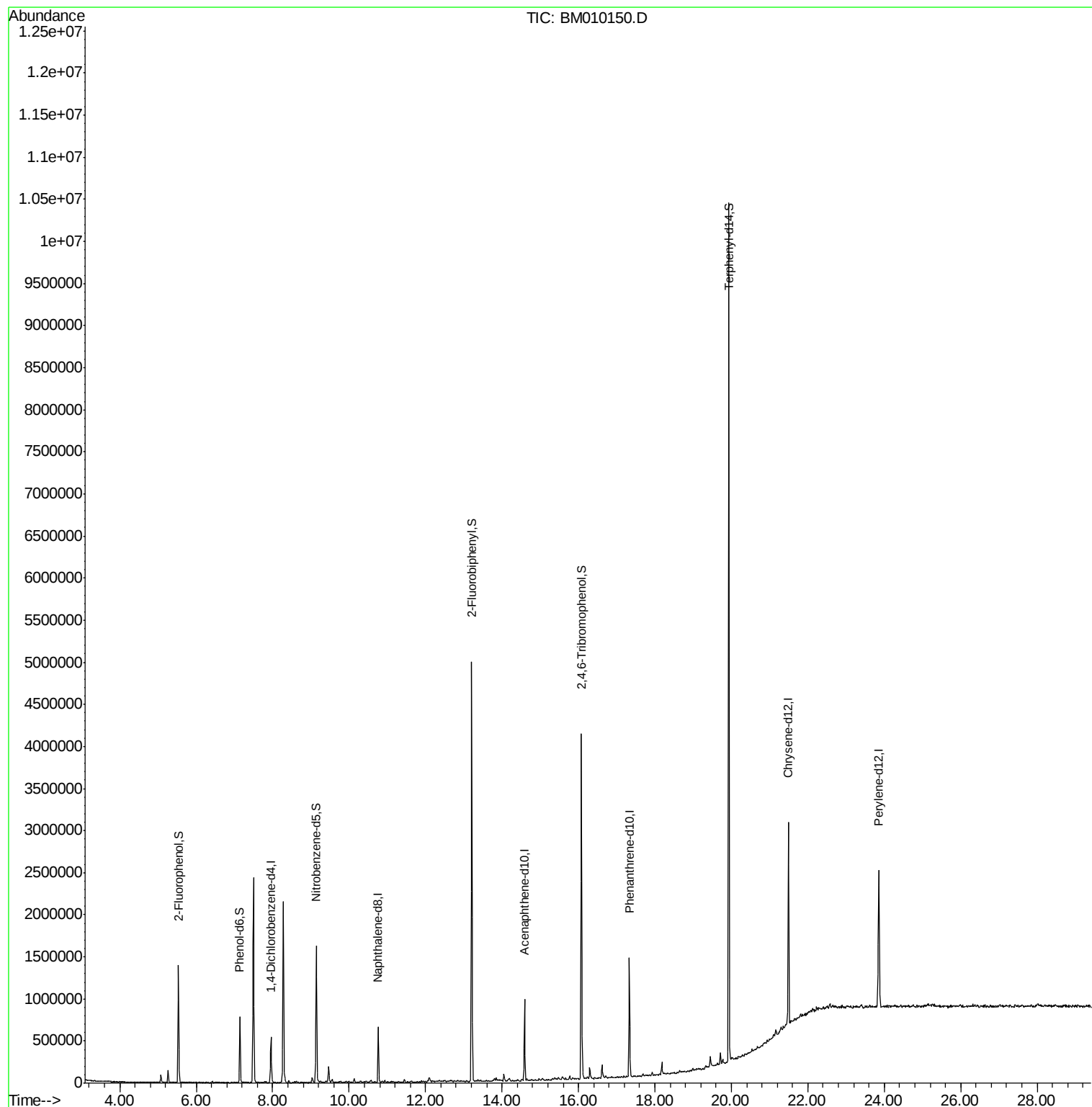
Target Compounds	Qvalue
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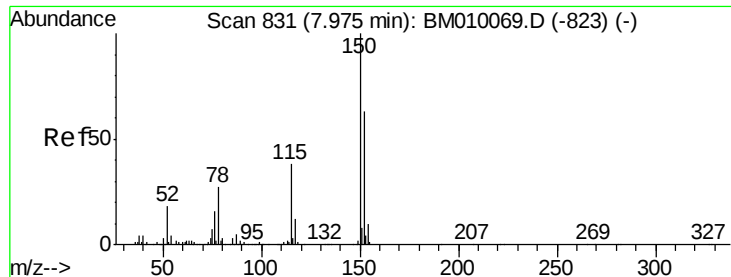
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010150.D

Acq: 23 May 2017 20:05

Instrument :

BNA_M

ClientSampleId :

PZ-15

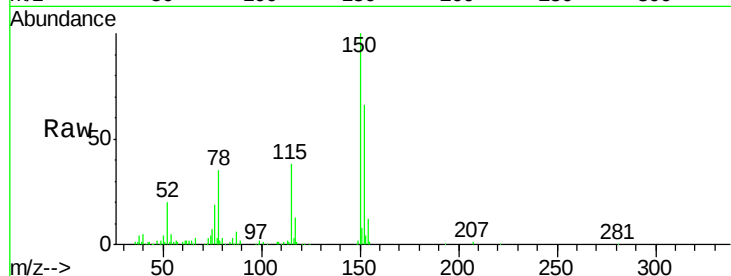
Tgt Ion:152 Resp: 141249

Ion Ratio Lower Upper

152 100

150 150.5 119.5 179.3

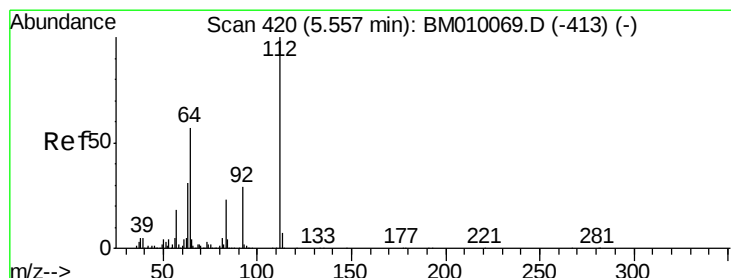
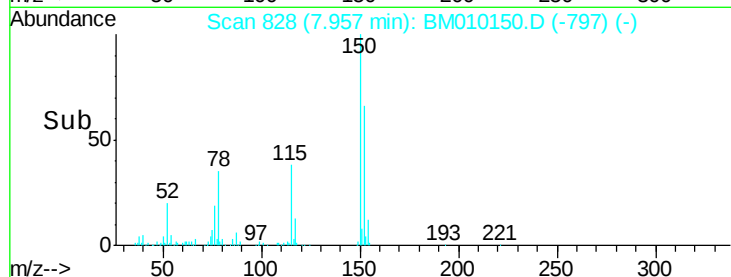
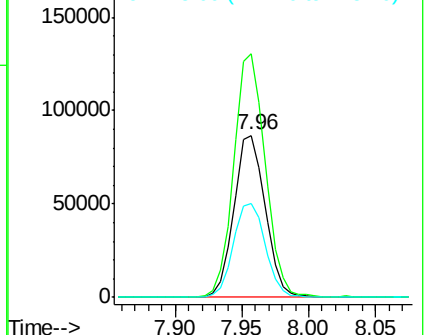
115 57.8 43.0 64.4



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: 64.80 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010150.D

Acq: 23 May 2017 20:05

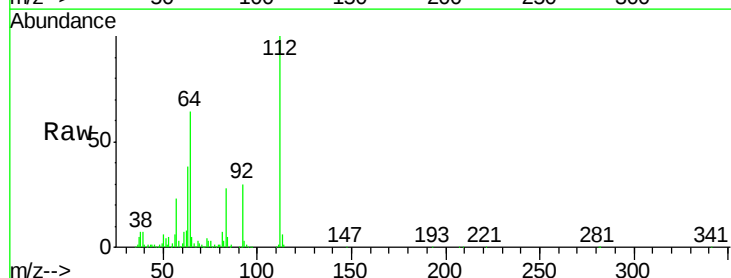
Tgt Ion:112 Resp: 506843

Ion Ratio Lower Upper

112 100

64 64.2 38.6 57.8#

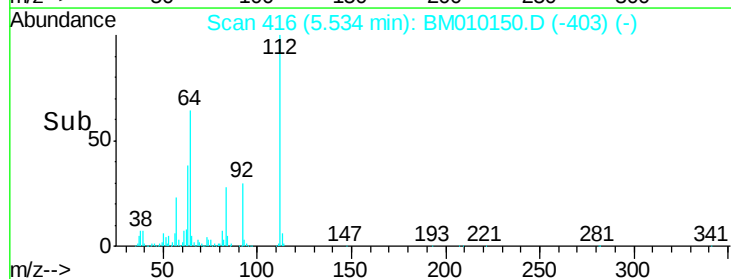
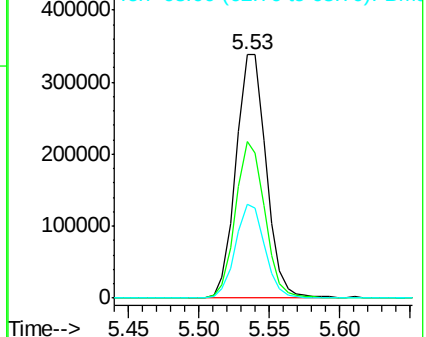
63 38.5 19.3 28.9#

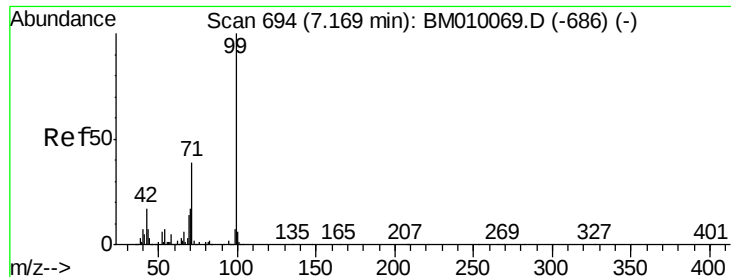


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 38.66 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010150.D

Acq: 23 May 2017 20:05

Instrument :

BNA_M

ClientSampleId :

PZ-15

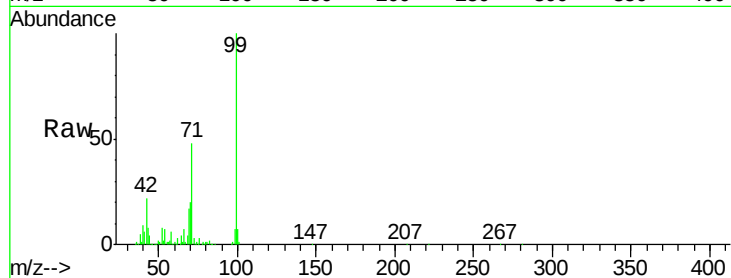
Tgt Ion: 99 Resp: 389106

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

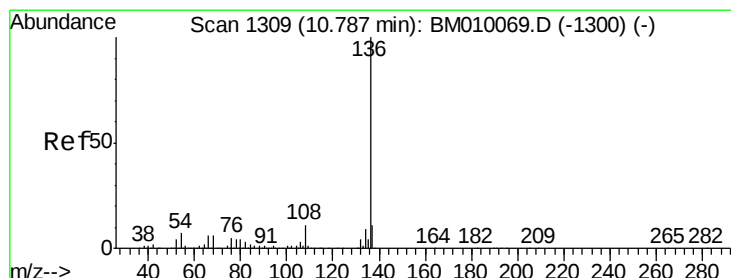
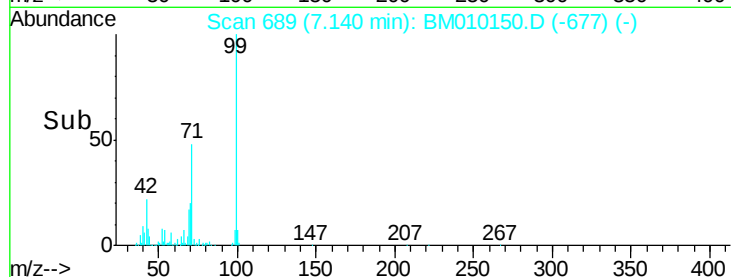
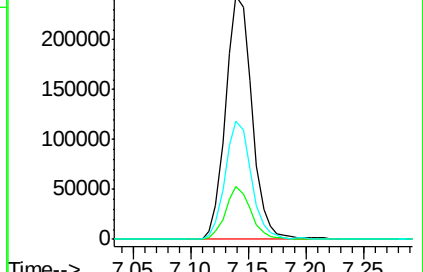
71 48.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010150.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010150.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010150.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010150.D

Acq: 23 May 2017 20:05

Tgt Ion: 136 Resp: 475559

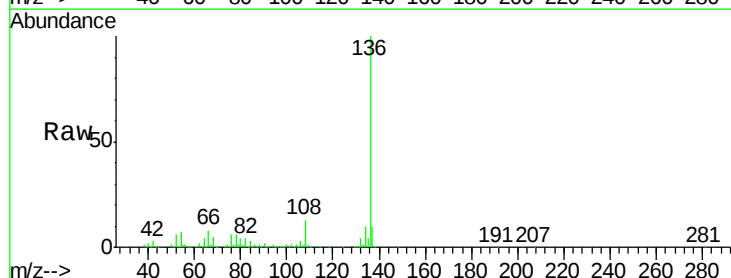
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.6 4.6 6.8

68 4.8 3.7 5.5

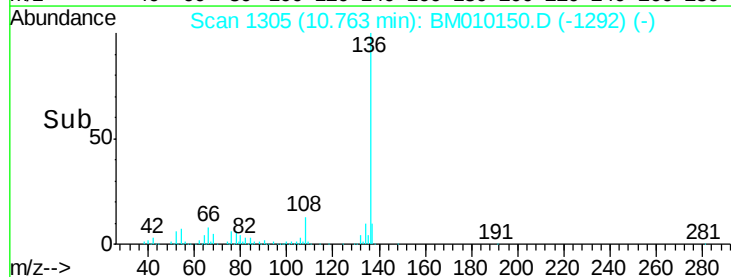
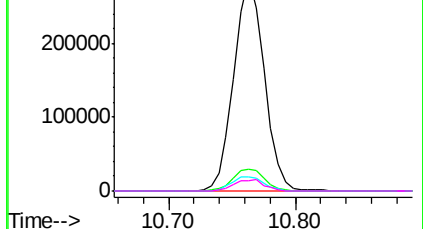


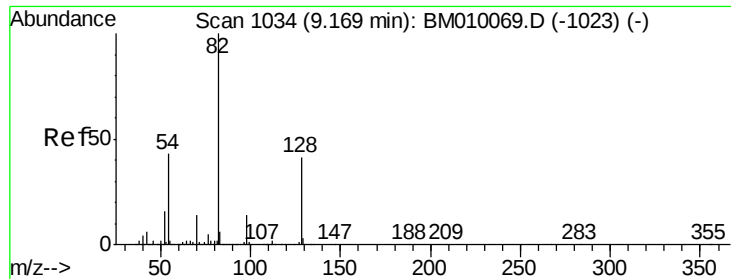
Abundance Ion 136.00 (135.70 to 136.70): BM010150.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010150.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010150.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010150.D (-1292) (-)

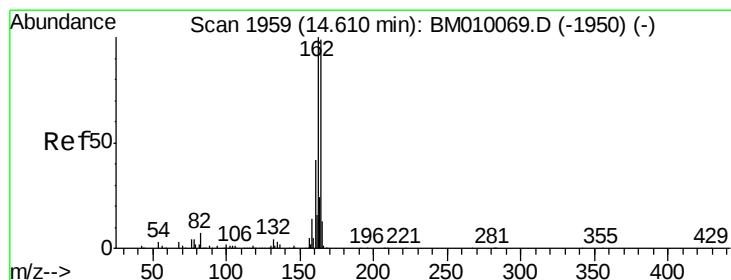
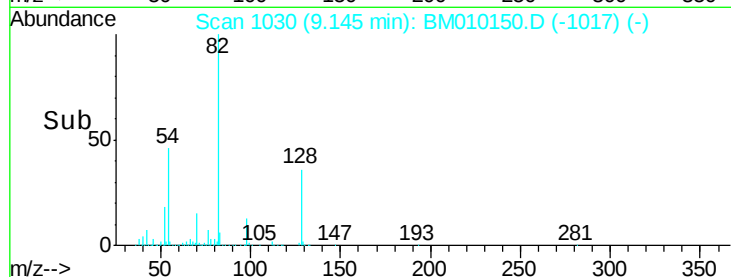
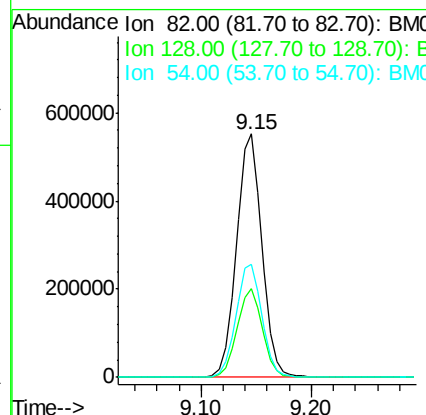
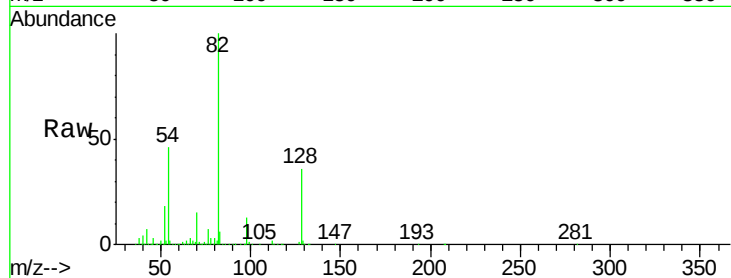




#23
 Nitrobenzene-d5
 Concen: 101.48 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010150.D
 Acq: 23 May 2017 20:05

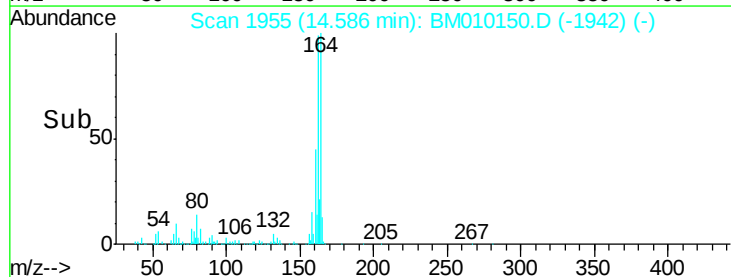
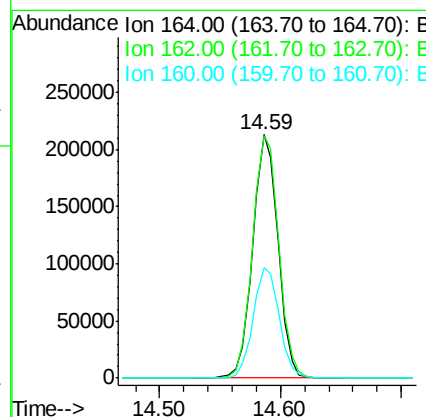
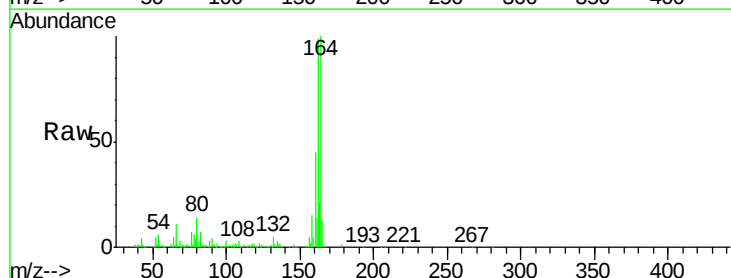
Instrument :
 BNA_M
 ClientSampleId :
 PZ-15

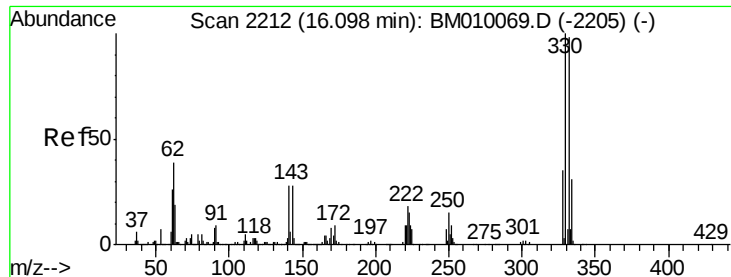
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.8	49.2
54	46.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010150.D
 Acq: 23 May 2017 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.4	123.6
160	45.5	35.8	53.6

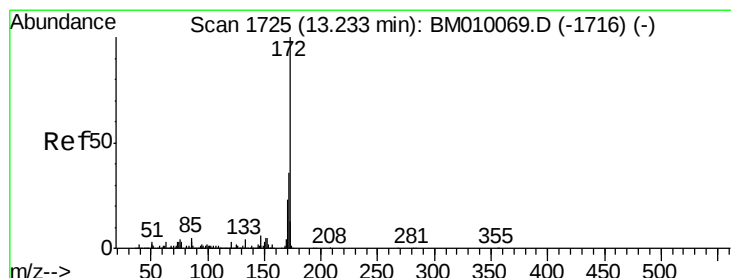
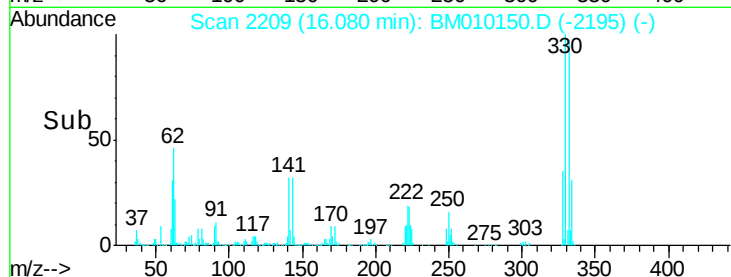
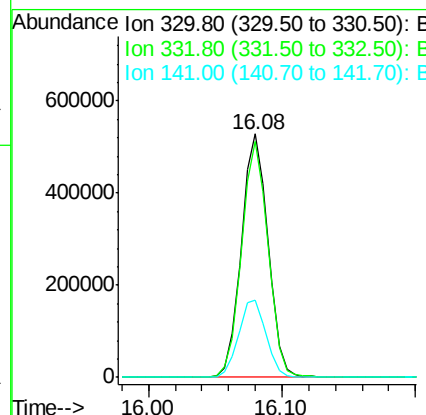
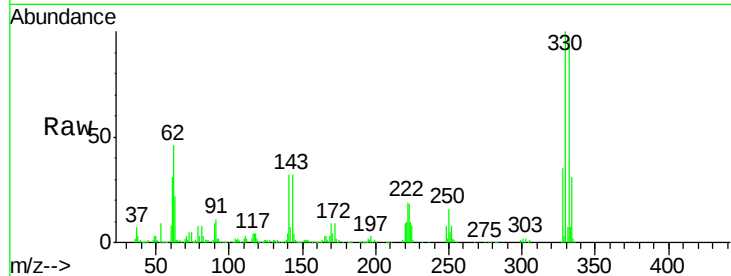




#41
 2,4,6-Tribromophenol
 Concen: 154.59 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010150.D
 Acq: 23 May 2017 20:05

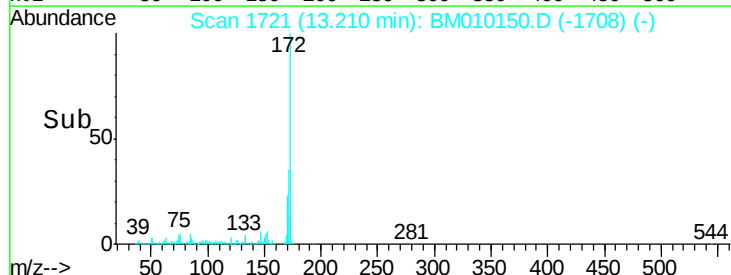
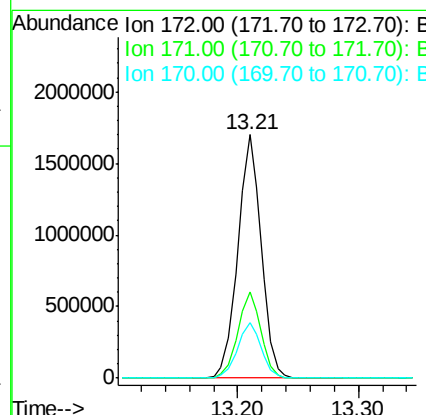
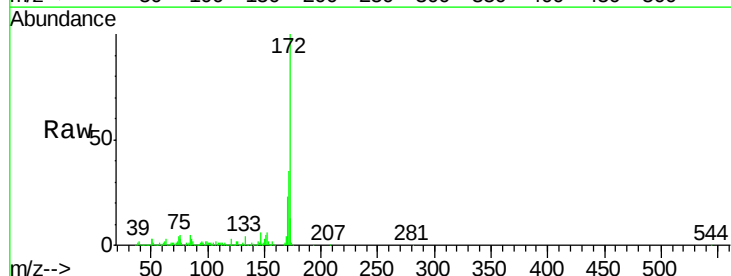
Instrument :
 BNA_M
 ClientSampleId :
 PZ-15

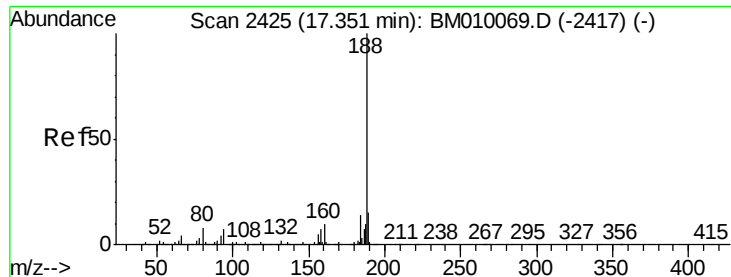
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	33.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 94.41 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010150.D
 Acq: 23 May 2017 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.7	18.8	28.2

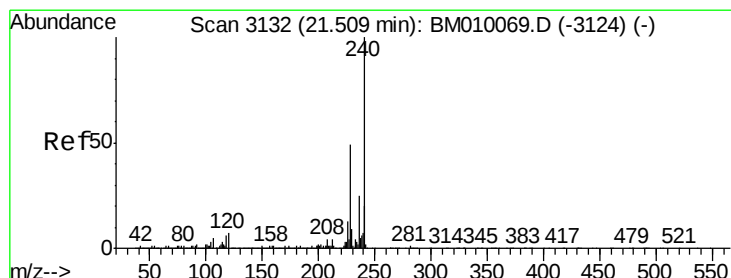
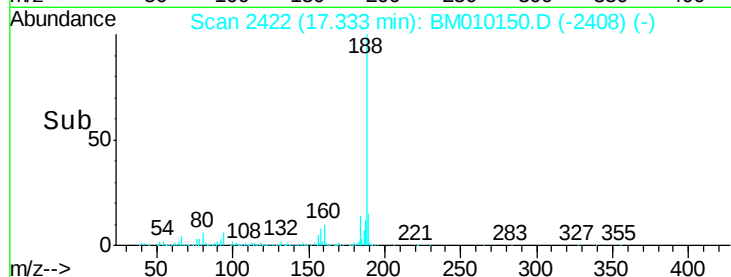
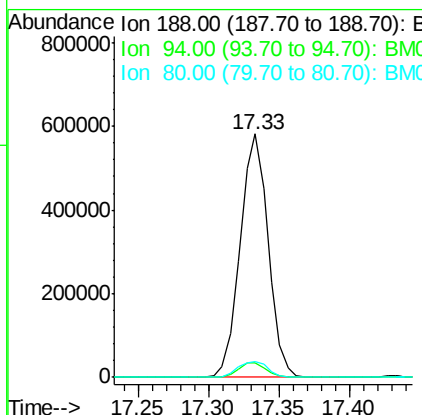
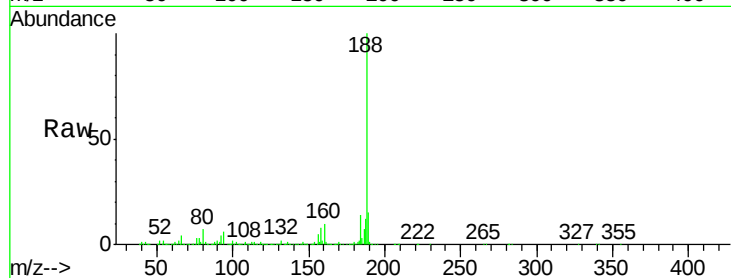




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010150.D
Acq: 23 May 2017 20:05

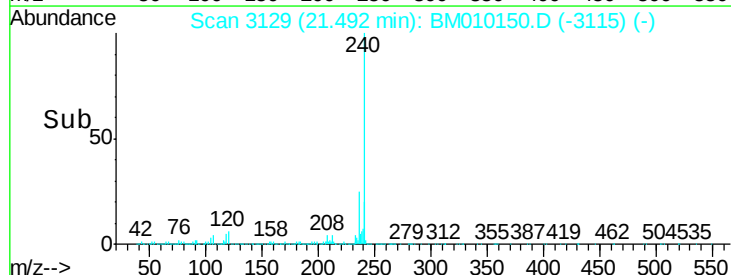
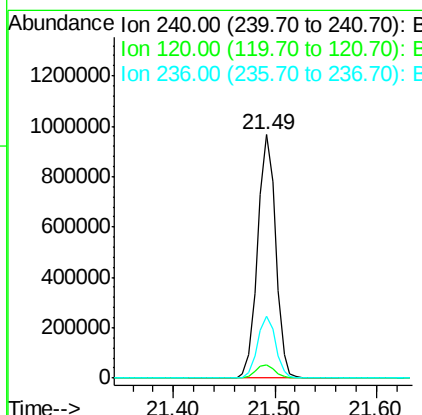
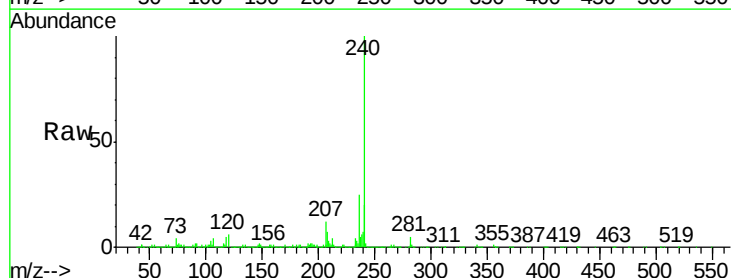
Instrument :
BNA_M
ClientSampleId :
PZ-15

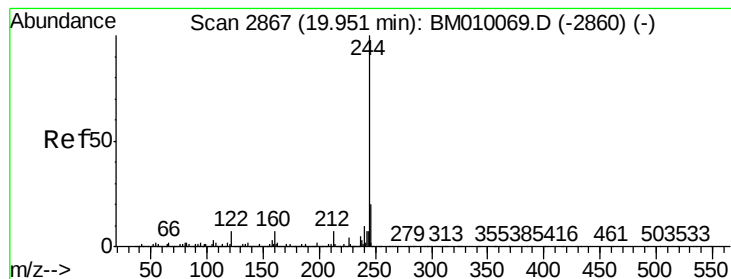
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	6.6	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010150.D
Acq: 23 May 2017 20:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	25.4	20.0	30.0





#78

Terphenyl-d14

Concen: 78.57 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010150.D

Acq: 23 May 2017 20:05

Instrument :

BNA_M

ClientSampleId :

PZ-15

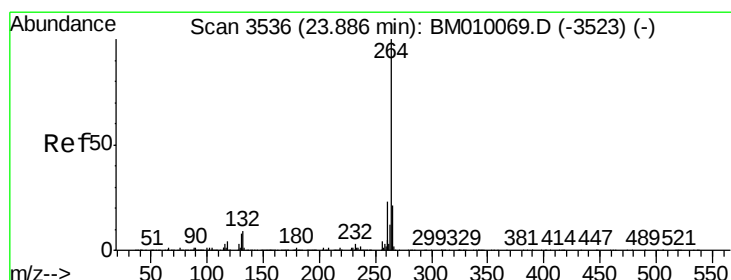
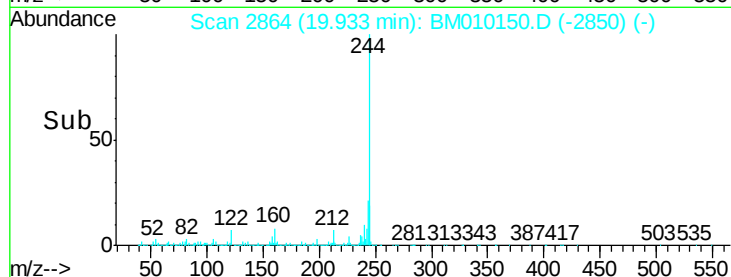
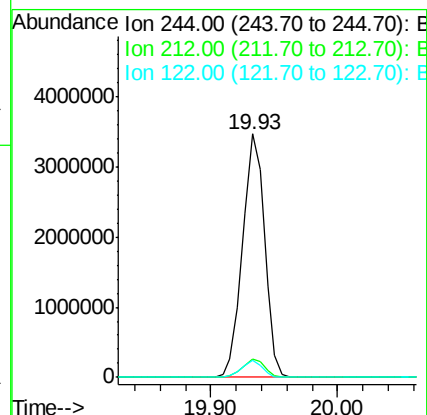
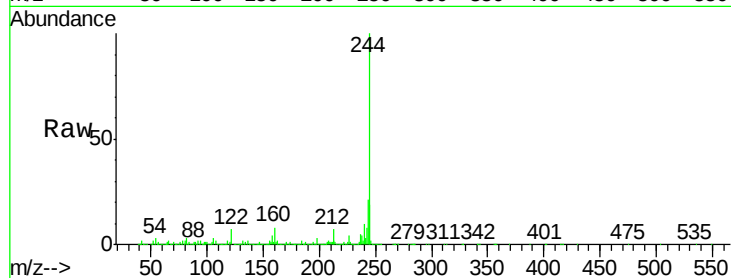
Tgt Ion:244 Resp: 4148939

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.8 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010150.D

Acq: 23 May 2017 20:05

Tgt Ion:264 Resp: 1322571

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.3 17.3 25.9

