

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010145.D
 Acq On : 23 May 2017 17:05
 Operator : SJ/MA
 Sample : I3222-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-23

Quant Time: May 23 19:20:10 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

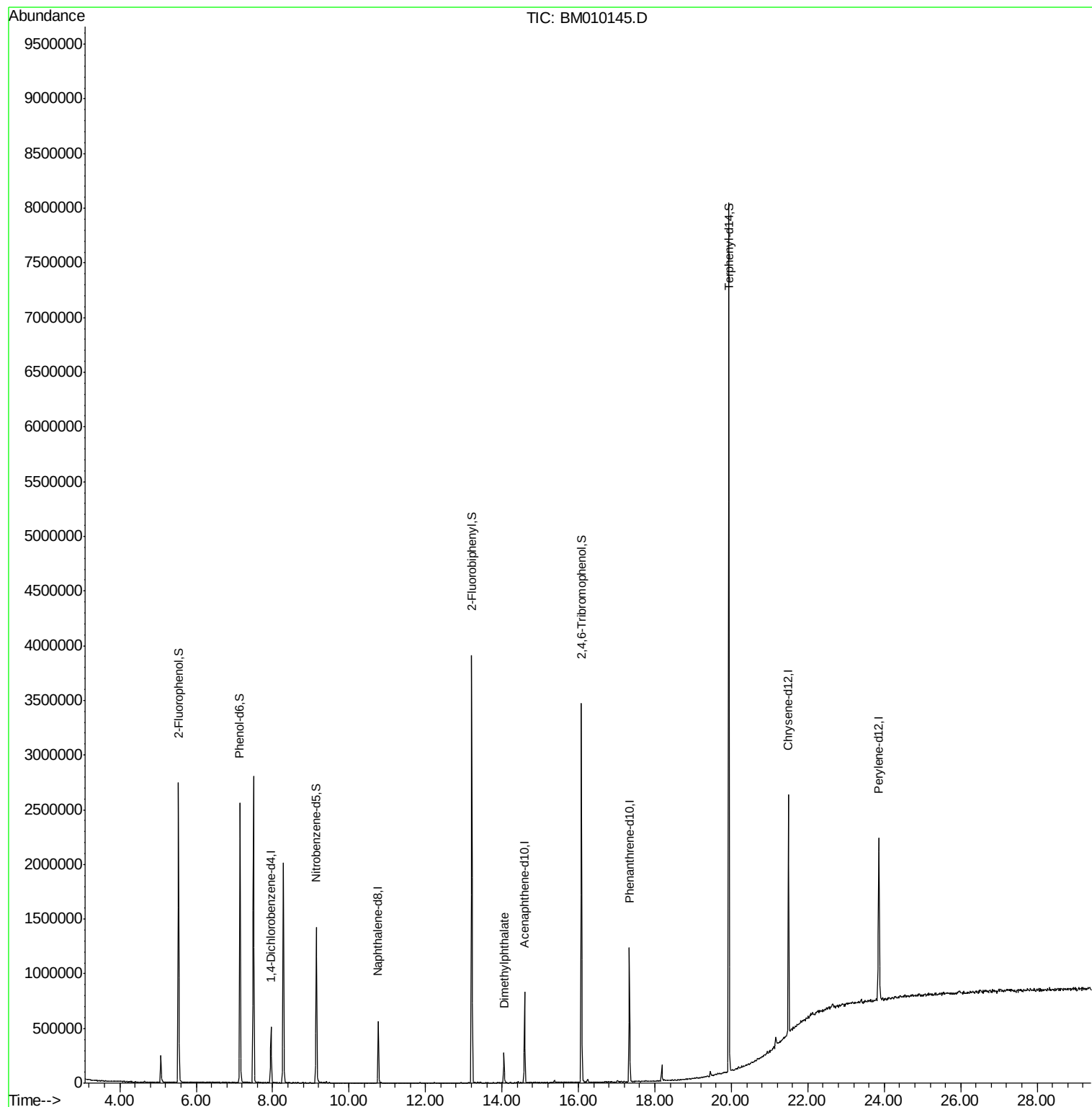
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	125727	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	421917	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	269245	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	674311	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1043098	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1196069	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	992207	142.51	ng	-0.02
7) Phenol-d6	7.15	99	1234308	137.78	ng	-0.02
23) Nitrobenzene-d5	9.15	82	805652	103.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	583445	142.68	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1881688	89.84	ng	-0.02
78) Terphenyl-d14	19.93	244	3285137	71.61	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.05	163	160853	6.70	ng	Qvalue # 97

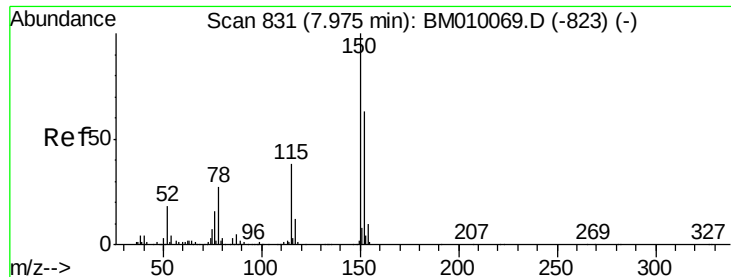
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010145.D

Acq: 23 May 2017 17:05

Instrument :

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ClientSampleId :

EX-23

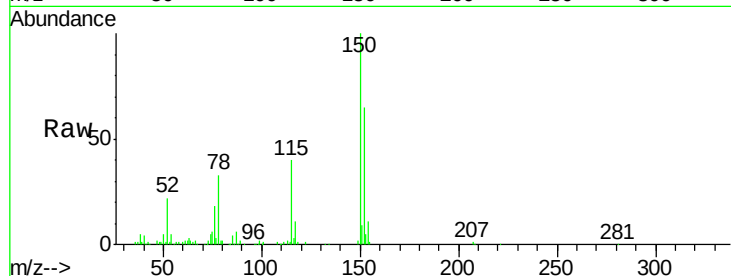
Tgt Ion:152 Resp: 125727

Ion Ratio Lower Upper

152 100

150 153.6 119.5 179.3

115 60.7 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

150000

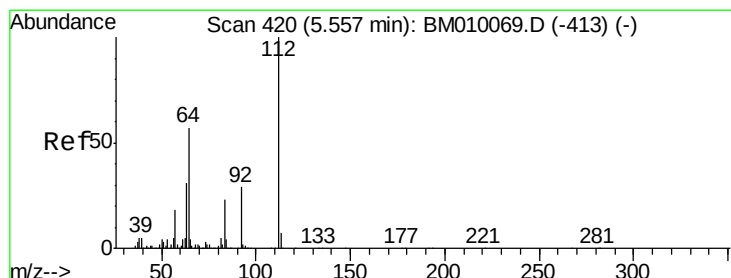
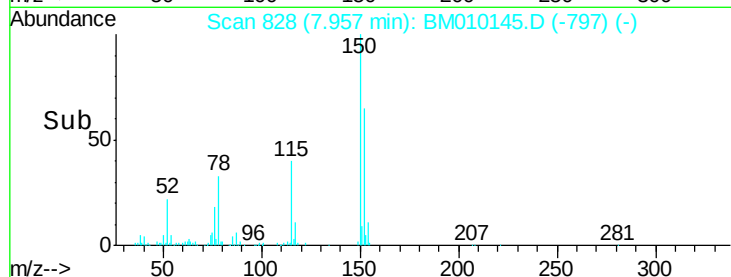
100000

50000

0

7.90 7.95 8.00

Time-->



#5

2-Fluorophenol

Concen: 142.51 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010145.D

Acq: 23 May 2017 17:05

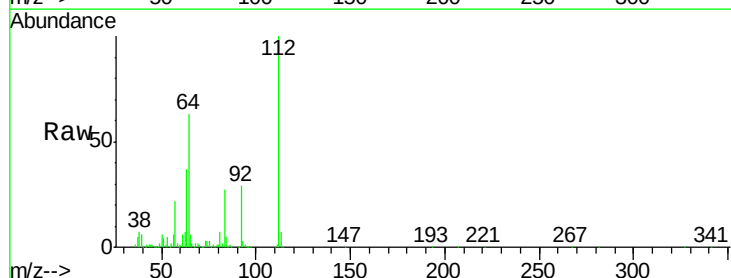
Tgt Ion:112 Resp: 992207

Ion Ratio Lower Upper

112 100

64 62.9 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

800000

600000

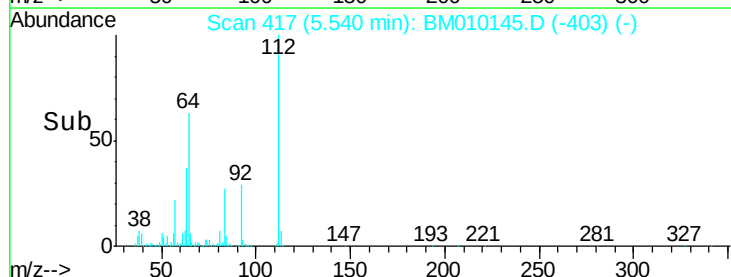
400000

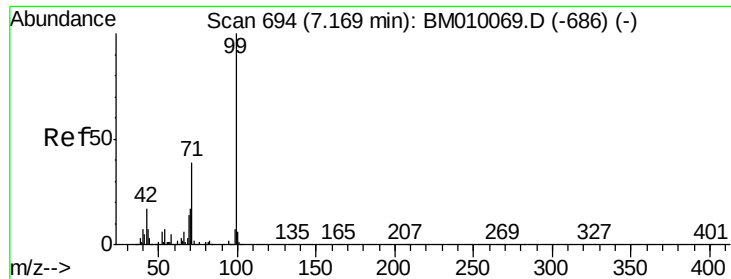
200000

0

5.45 5.50 5.55 5.60 5.65

Time-->





#7

Phenol-d6

Concen: 137.78 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010145.D

Acq: 23 May 2017 17:05

Instrument :

BNA_M

ClientSampleId :

EX-23

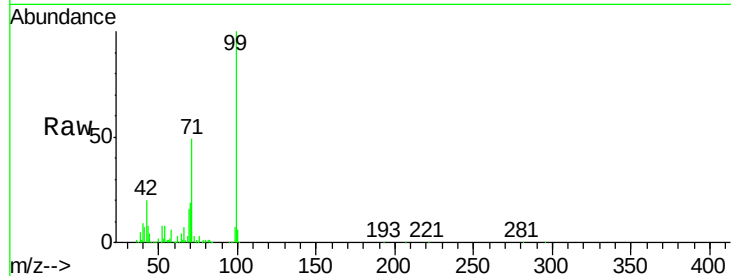
Tgt Ion: 99 Resp: 1234308

Ion Ratio Lower Upper

99 100

42 19.9 11.0 16.4#

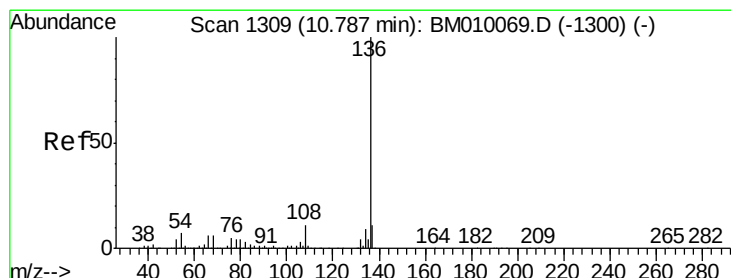
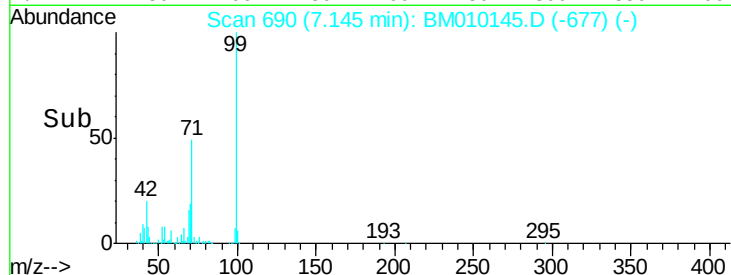
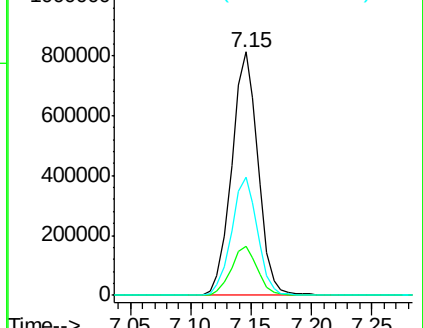
71 48.6 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010145.D

Acq: 23 May 2017 17:05

Tgt Ion: 136 Resp: 421917

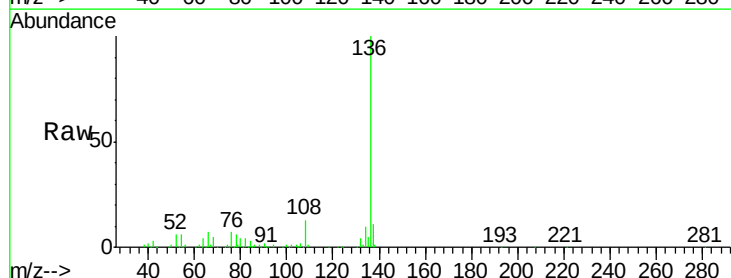
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.5 4.6 6.8

68 4.6 3.7 5.5

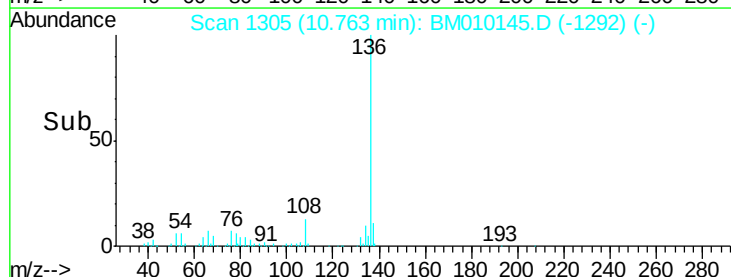
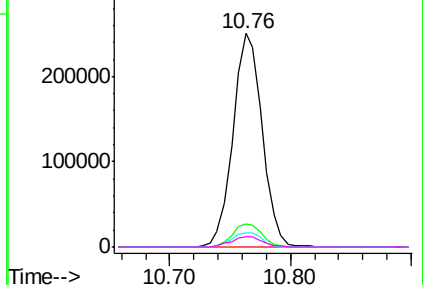


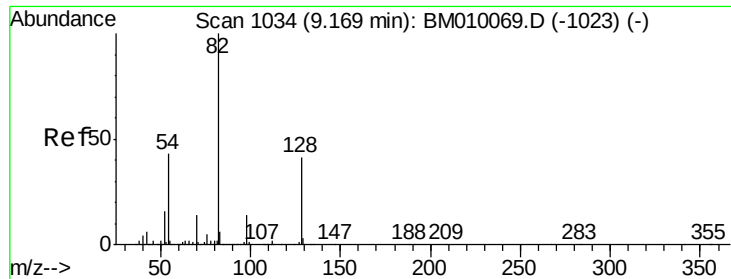
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

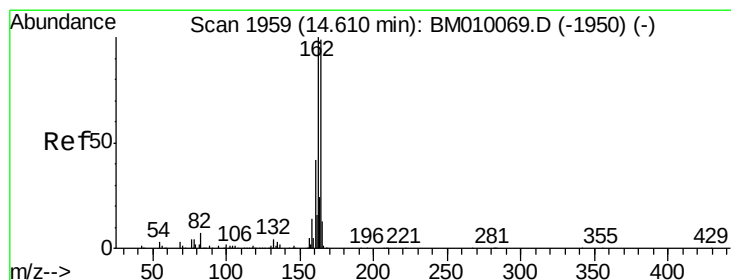
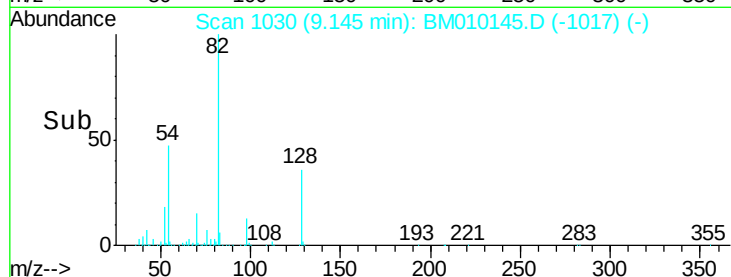
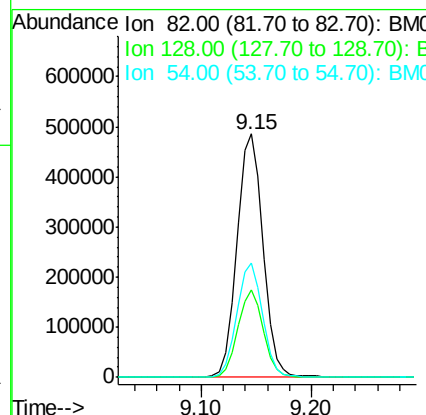
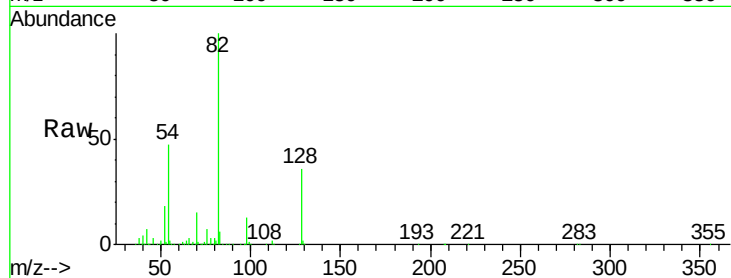




#23
 Nitrobenzene-d5
 Concen: 103.02 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010145.D
 Acq: 23 May 2017 17:05

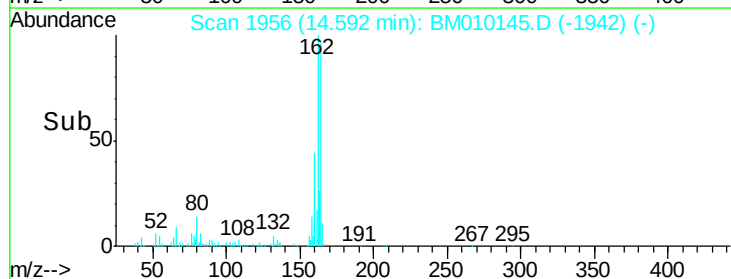
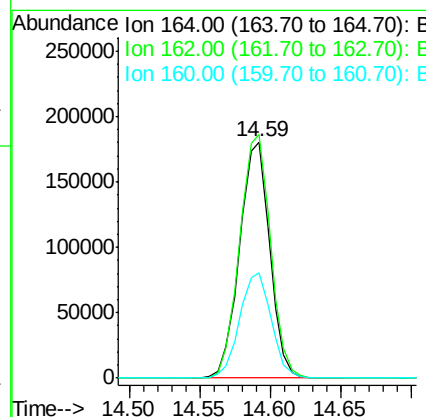
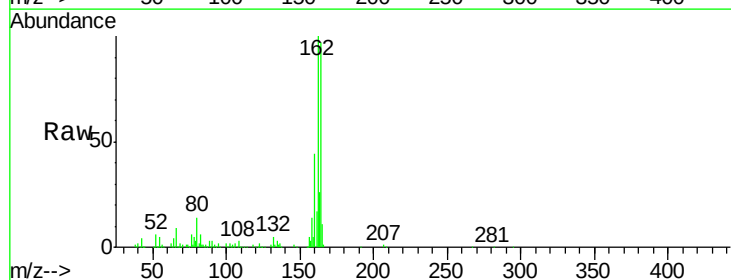
Instrument :
 BNA_M
 ClientSampleId :
 EX-23

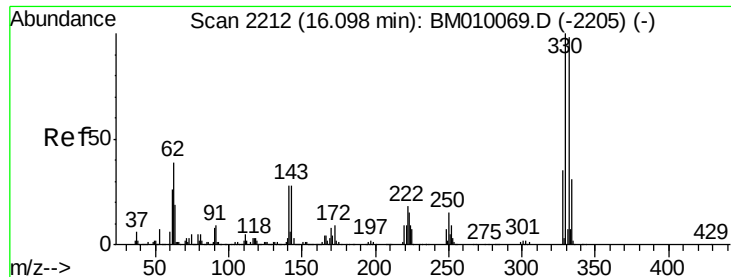
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	32.8	49.2
54	46.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010145.D
 Acq: 23 May 2017 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	44.9	35.8	53.6

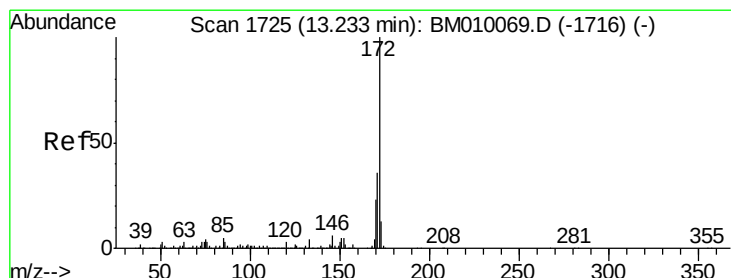
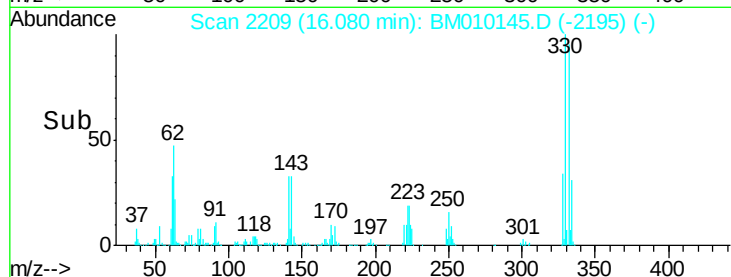
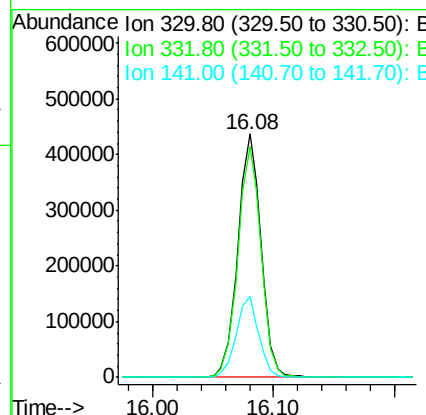
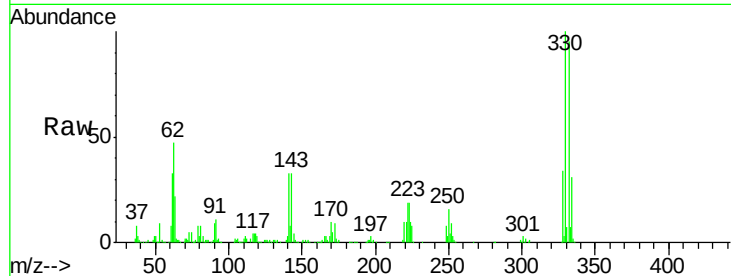




#41
 2,4,6-Tribromophenol
 Concen: 142.68 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010145.D
 Acq: 23 May 2017 17:05

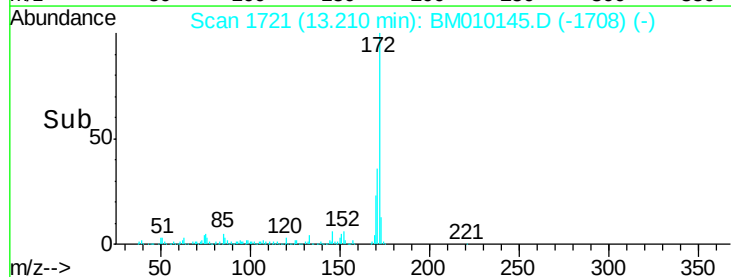
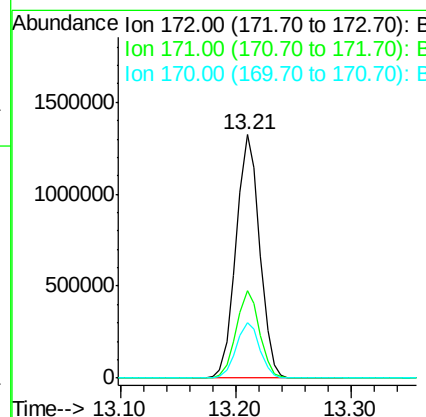
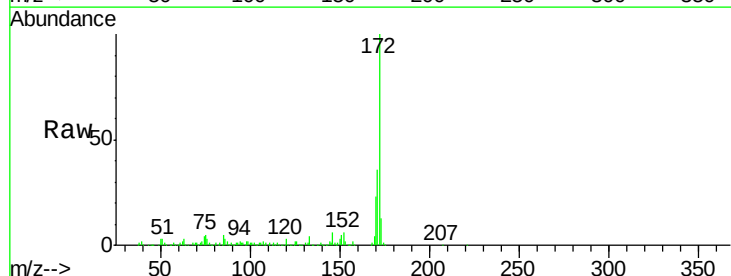
Instrument :
 BNA_M
 ClientSampleId :
 EX-23

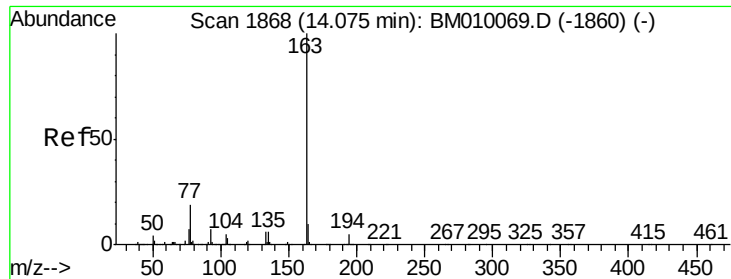
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	32.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.84 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010145.D
 Acq: 23 May 2017 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	22.7	18.8	28.2





#49

Dimethylphthalate

Concen: 6.70 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010145.D

Acq: 23 May 2017 17:05

Instrument :

BNA_M

ClientSampleId :

EX-23

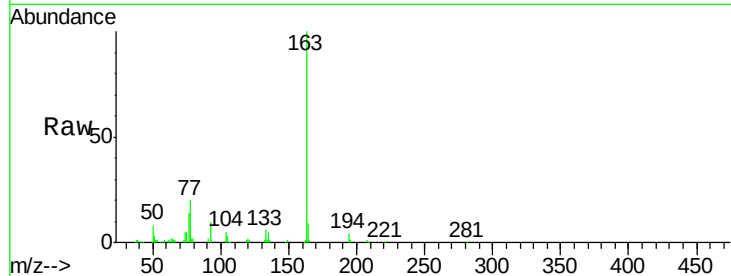
Tgt Ion:163 Resp: 160853

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

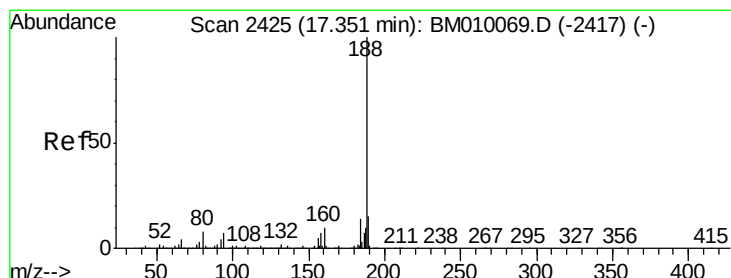
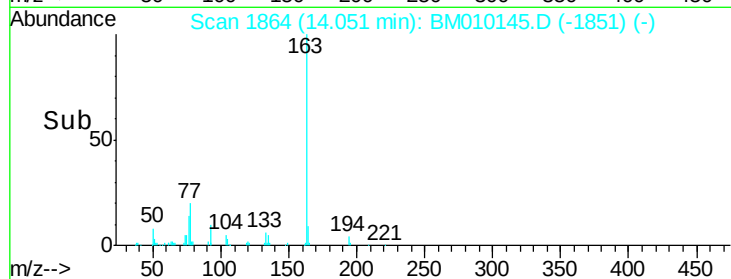
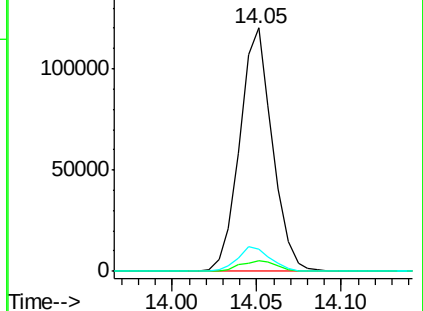
164 9.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010145.D

Acq: 23 May 2017 17:05

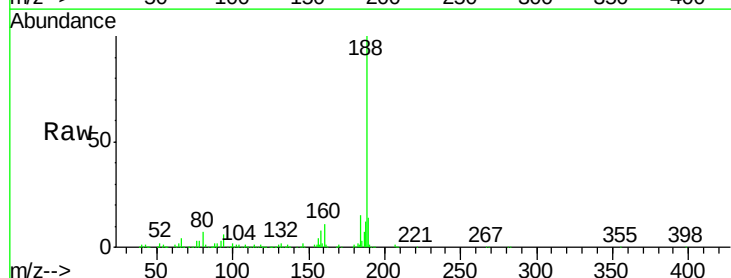
Tgt Ion:188 Resp: 674311

Ion Ratio Lower Upper

188 100

94 6.2 8.7 13.1#

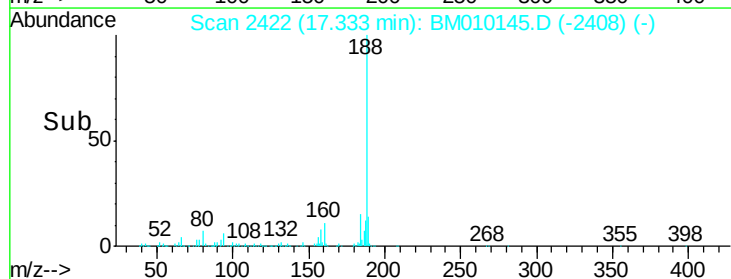
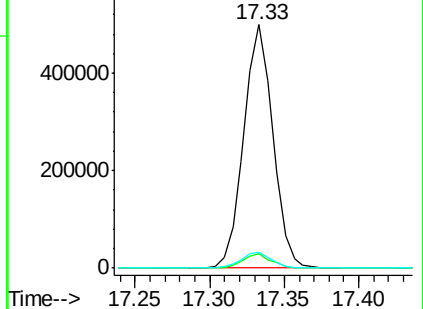
80 6.5 9.3 13.9#

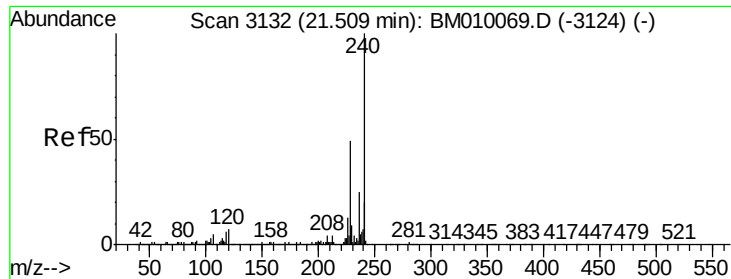


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

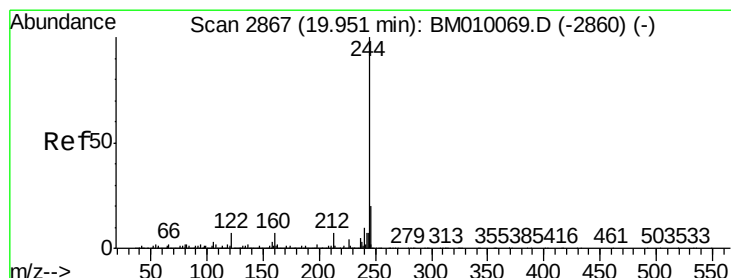
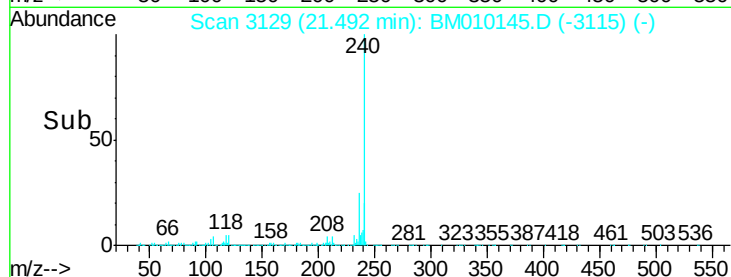
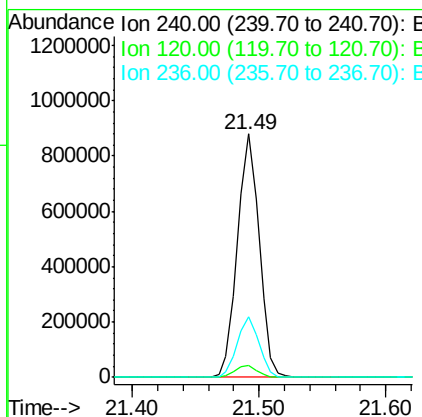
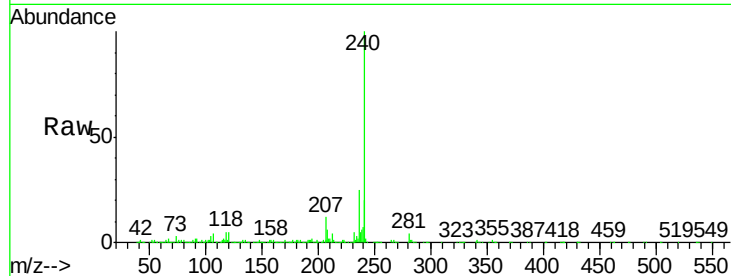




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.49 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BM010145.D
 Acq: 23 May 2017 17:05

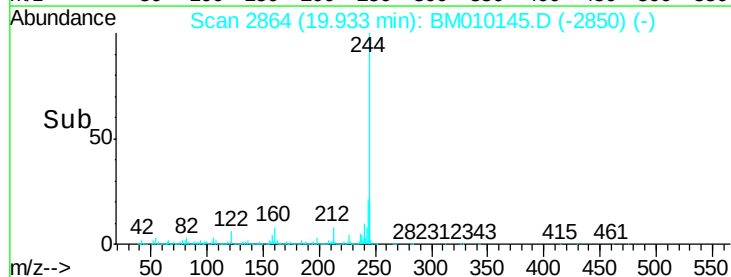
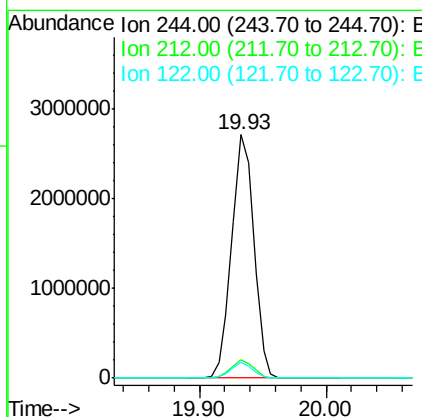
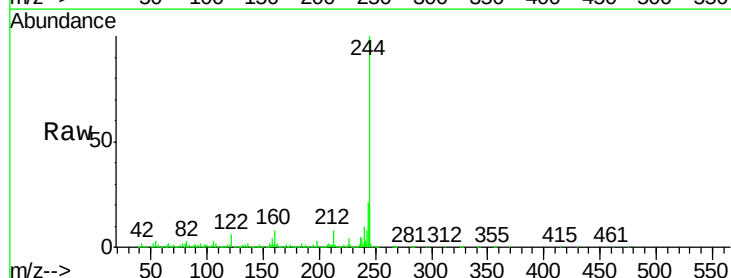
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 EX-23

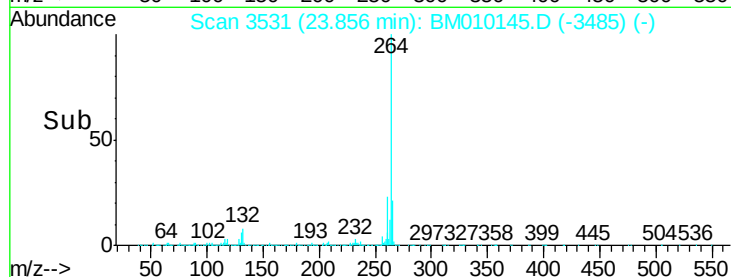
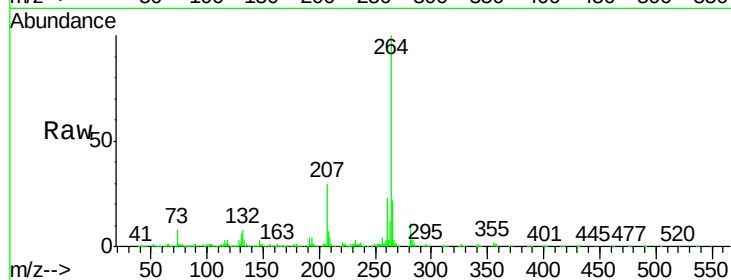
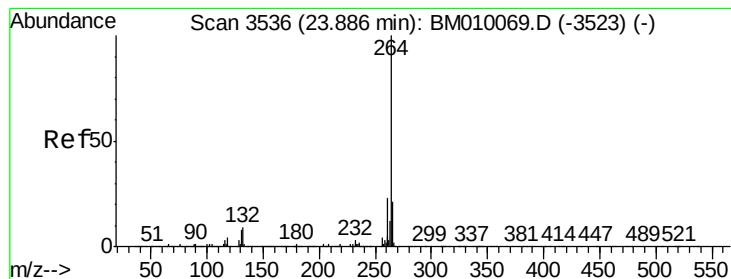
Tgt Ion:240 Resp: 1043098
 Ion Ratio Lower Upper
 240 100
 120 5.0 8.2 12.2#
 236 24.8 20.0 30.0



#78
 Terphenyl-d14
 Concen: 71.61 ng
 RT: 19.93 min Scan# 2864
 Delta R.T. -0.02 min
 Lab File: BM010145.D
 Acq: 23 May 2017 17:05

Tgt Ion:244 Resp: 3285137
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.9 7.3#
 122 6.4 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: BM010145.D

Acq: 23 May 2017 17:05

Instrument :

BNA_M

ClientSampleId :

EX-23

Tgt Ion: 264 Resp: 1196069

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.0 17.3 25.9

