

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 :
 PZ-02

Quant Time: May 24 05:43:19 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

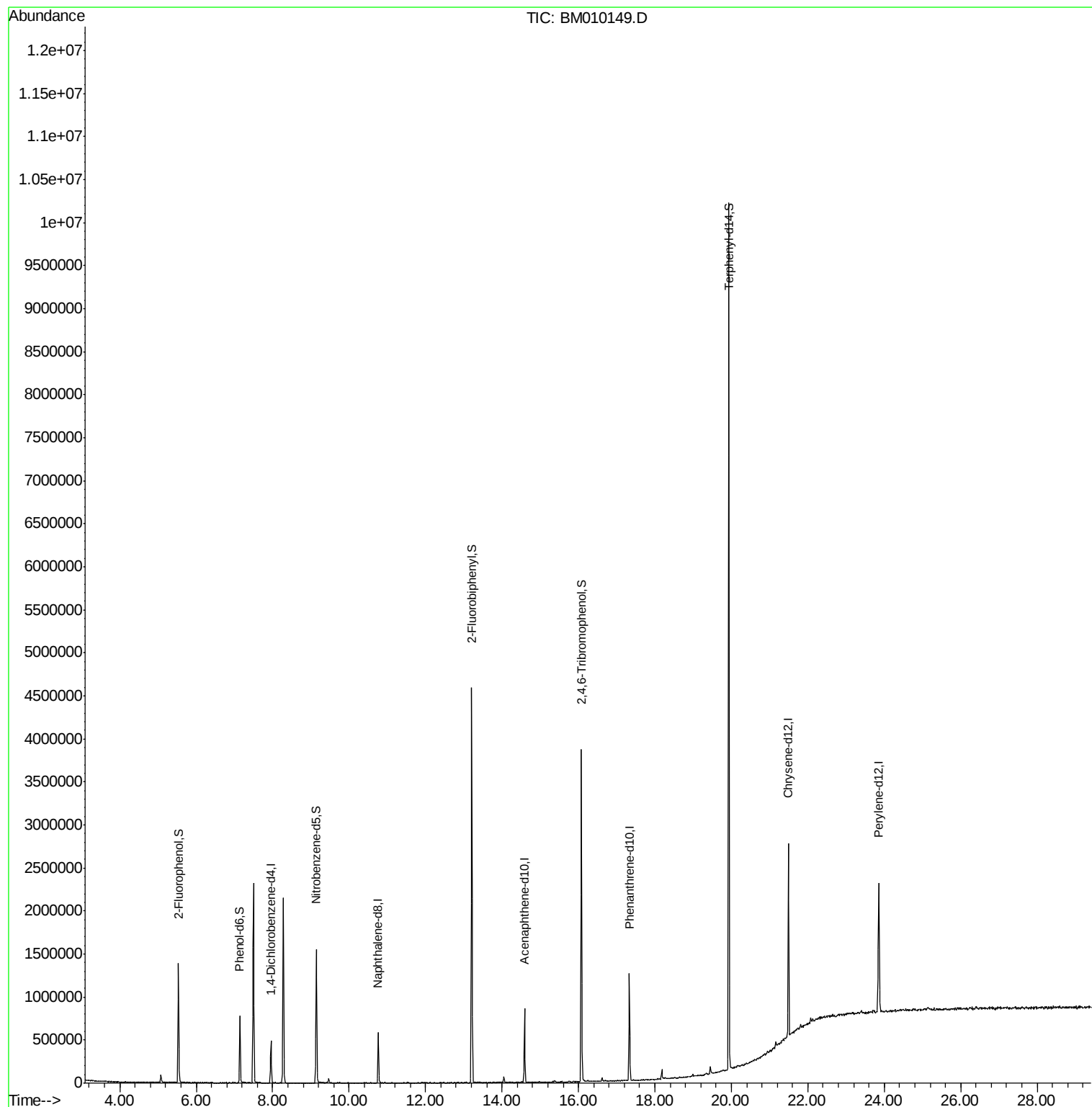
Target Compounds	Qvalue
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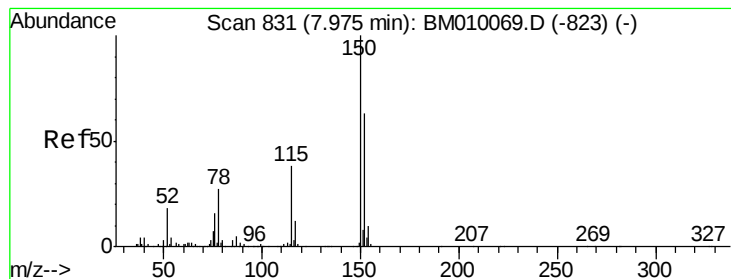
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010149.D

Acq: 23 May 2017 19:29

Instrument :

BNA_M

ClientSampleId :

PZ-02

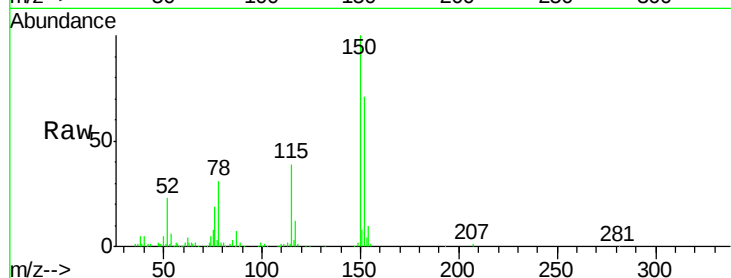
Tgt Ion:152 Resp: 124657

Ion Ratio Lower Upper

152 100

150 140.9 119.5 179.3

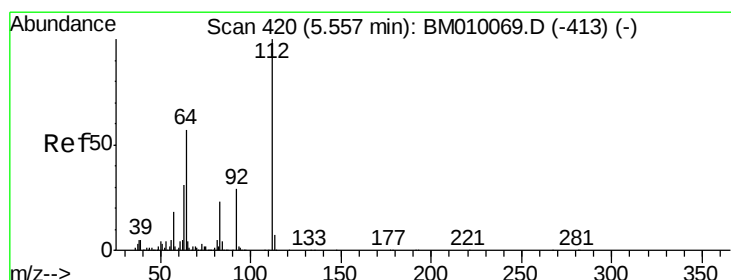
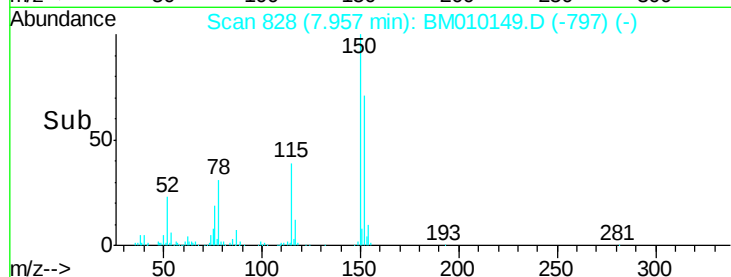
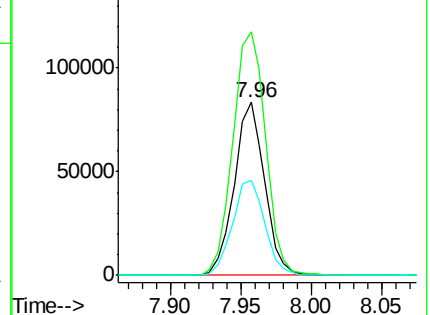
115 55.2 43.0 64.4



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: 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

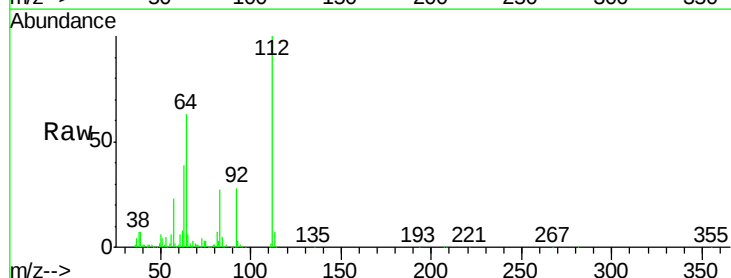
Tgt Ion:112 Resp: 495442

Ion Ratio Lower Upper

112 100

64 63.1 38.6 57.8#

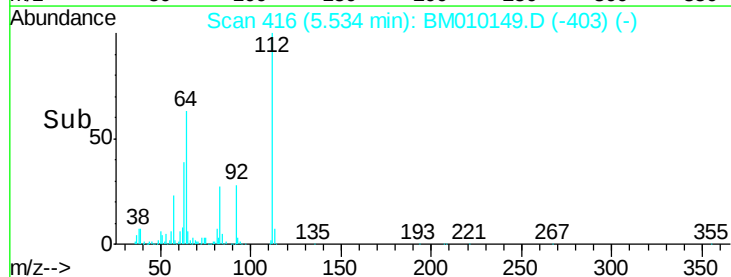
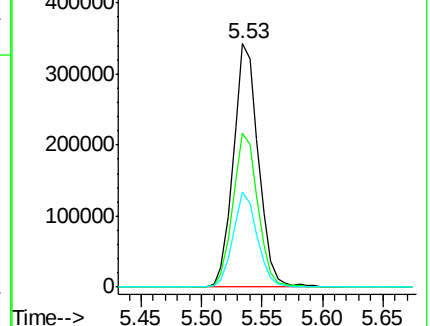
63 38.8 19.3 28.9#

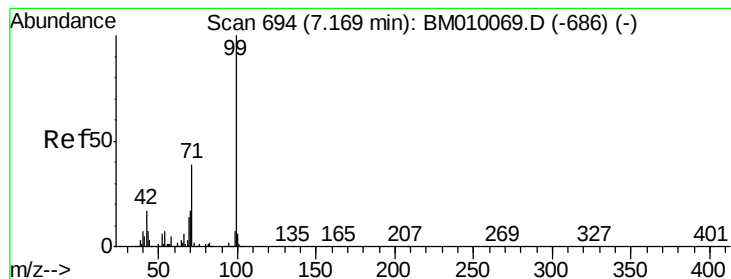


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 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 :

PZ-02

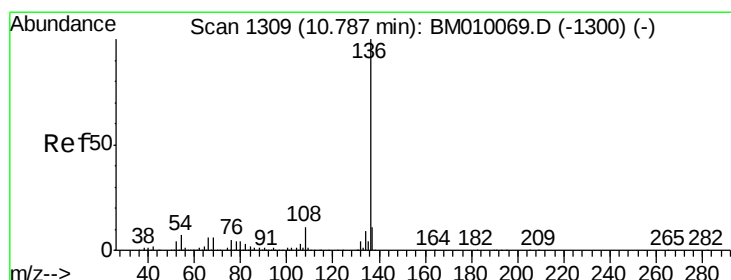
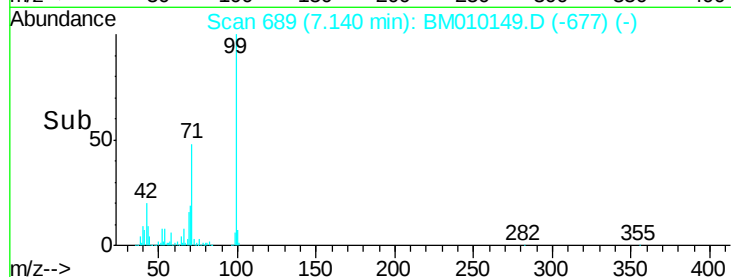
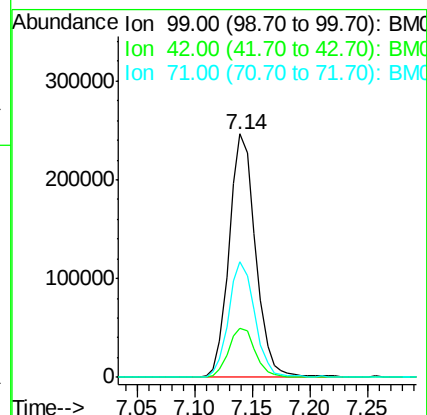
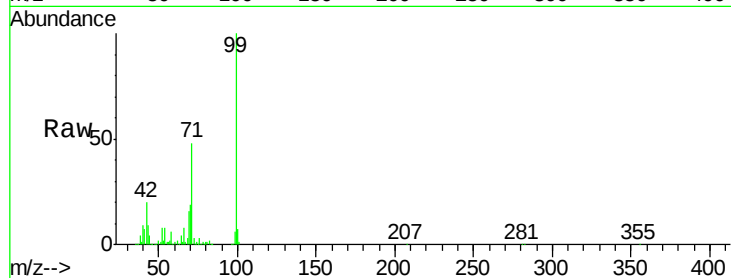
Tgt Ion: 99 Resp: 392249

Ion Ratio Lower Upper

99 100

42 19.9 11.0 16.4#

71 47.7 23.4 35.2#



#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

Tgt Ion: 136 Resp: 426731

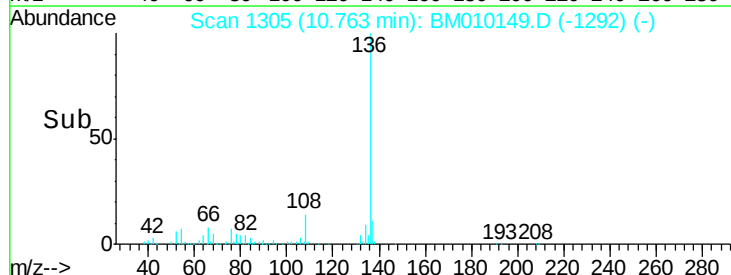
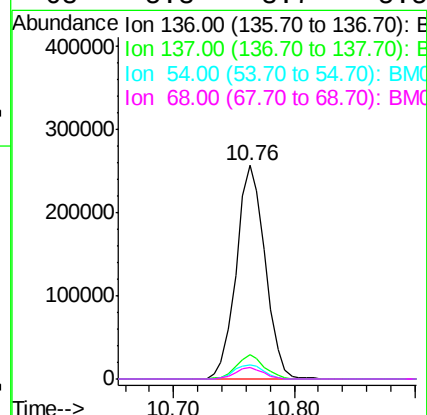
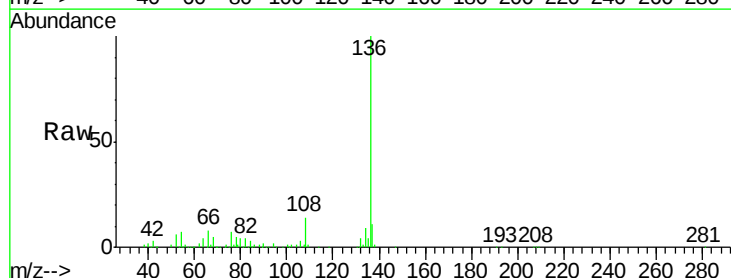
Ion Ratio Lower Upper

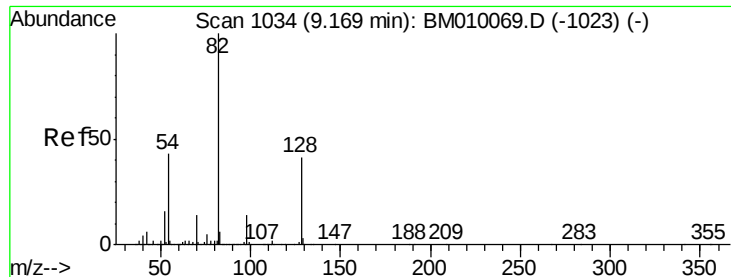
136 100

137 11.1 8.7 13.1

54 6.8 4.6 6.8

68 5.3 3.7 5.5

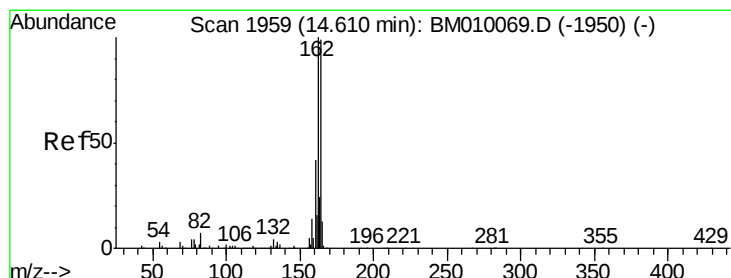
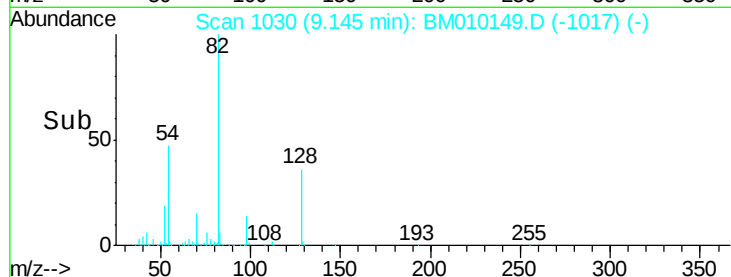
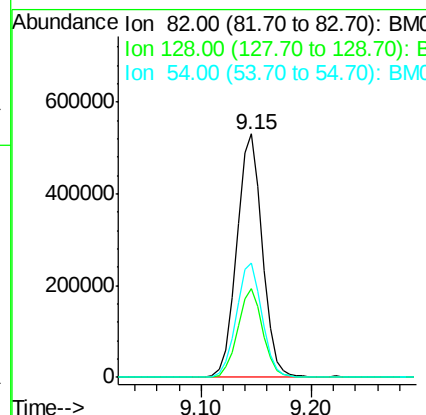
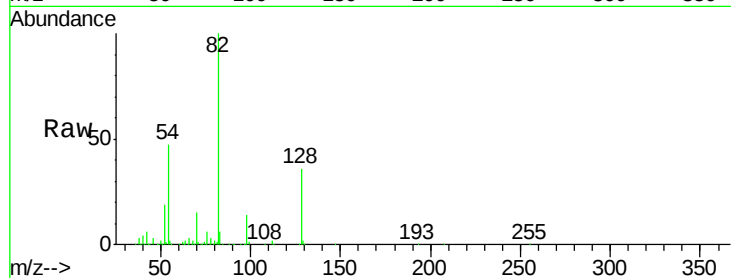




#23
 Nitrobenzene-d5
 Concen: 108.92 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010149.D
 Acq: 23 May 2017 19:29

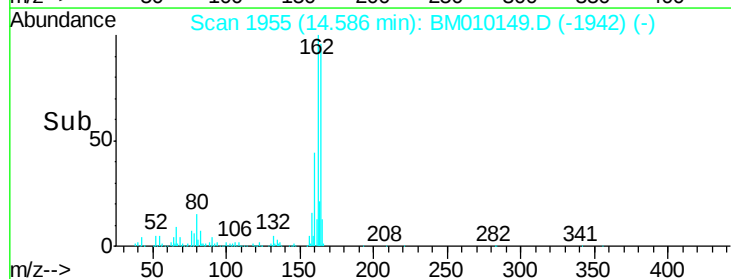
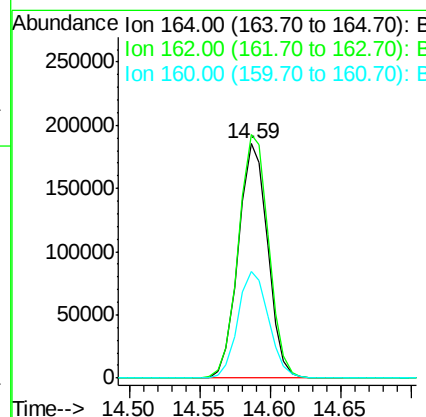
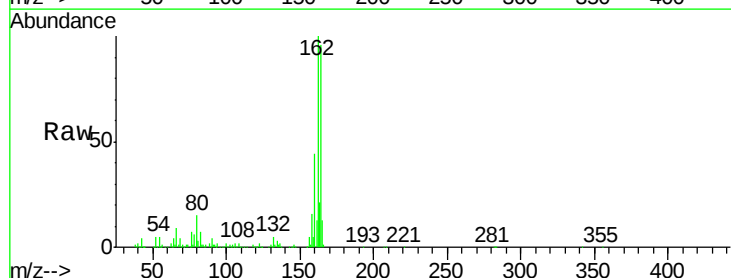
Instrument :
 BNA_M
 ClientSampleId :
 PZ-02

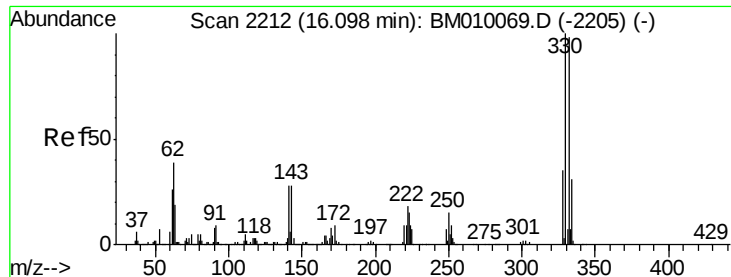
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.8	49.2
54	46.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010149.D
 Acq: 23 May 2017 19:29

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

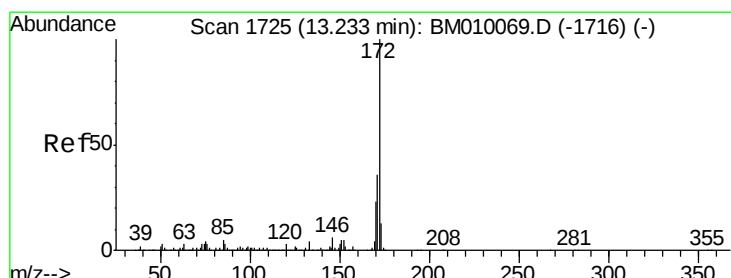
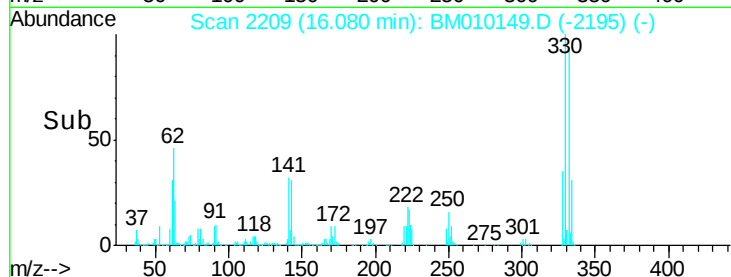
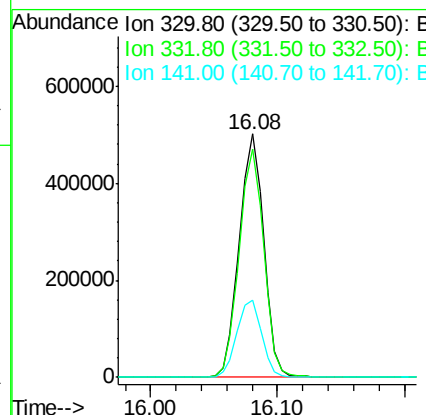
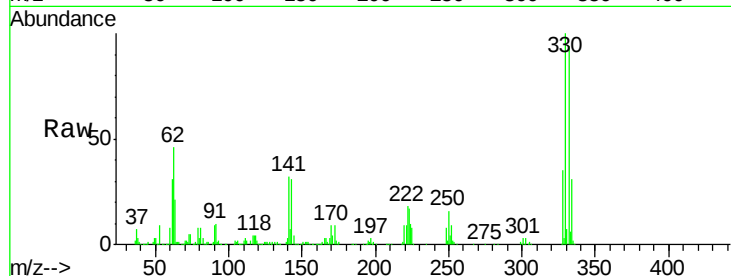




#41
 2,4,6-Tribromophenol
 Concen: 163.59 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010149.D
 Acq: 23 May 2017 19:29

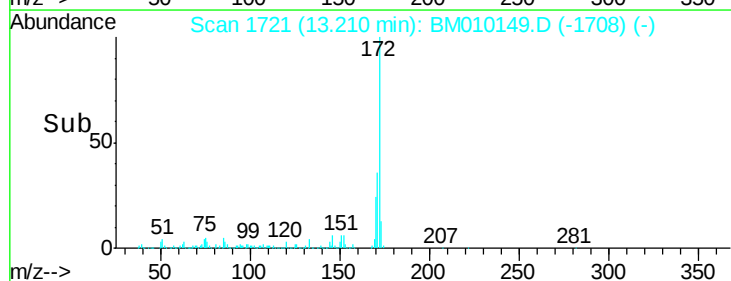
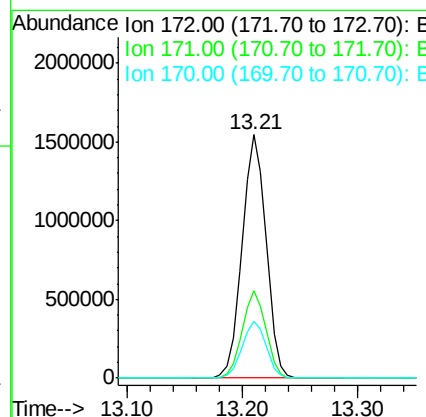
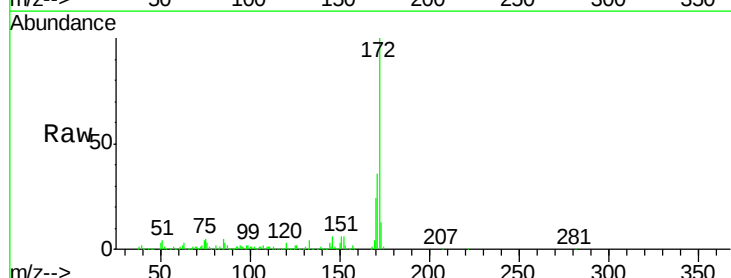
Instrument :
 BNA_M
 ClientSampleId :
 PZ-02

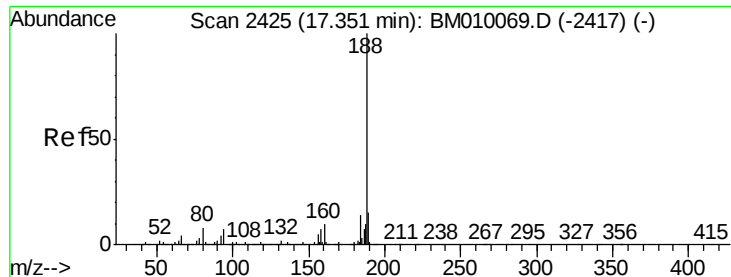
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	32.4	0.0	0.0#



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.5	18.8	28.2

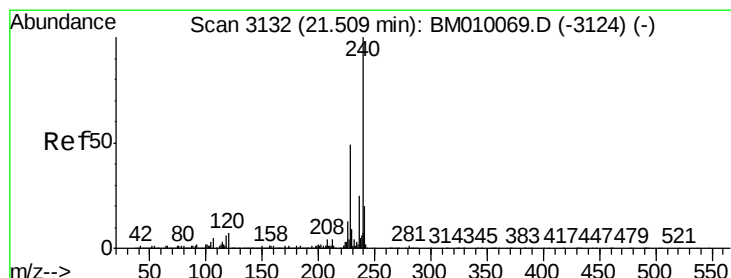
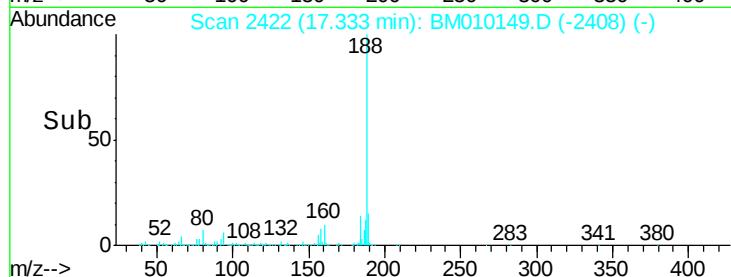
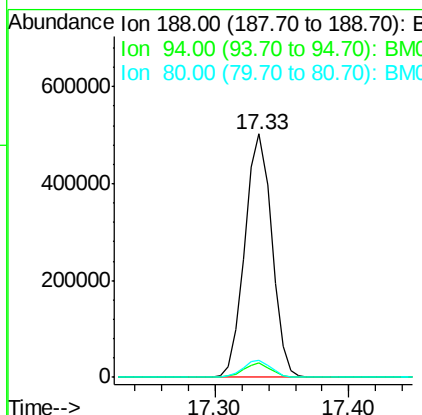
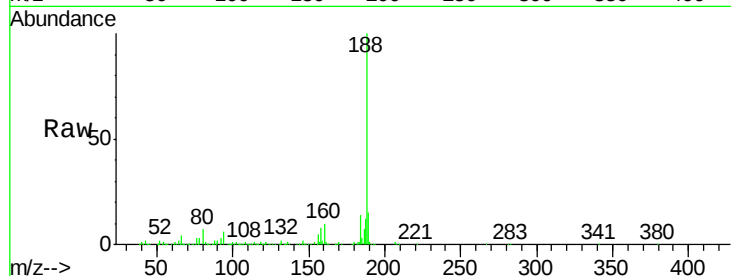




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010149.D
Acq: 23 May 2017 19:29

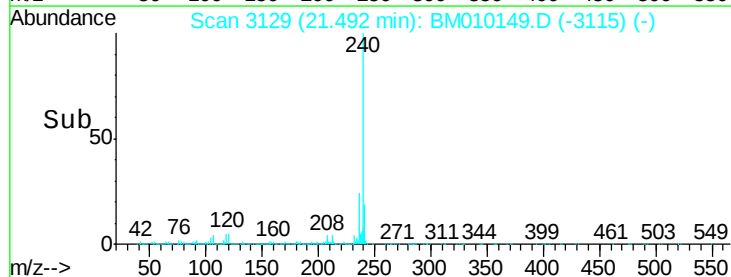
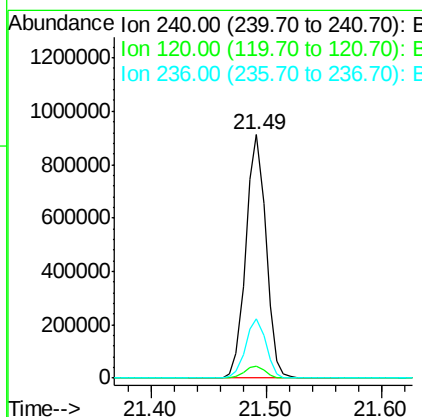
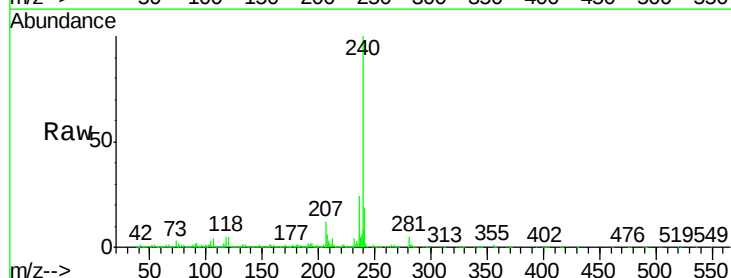
Instrument :
BNA_M
ClientSampleId :
PZ-02

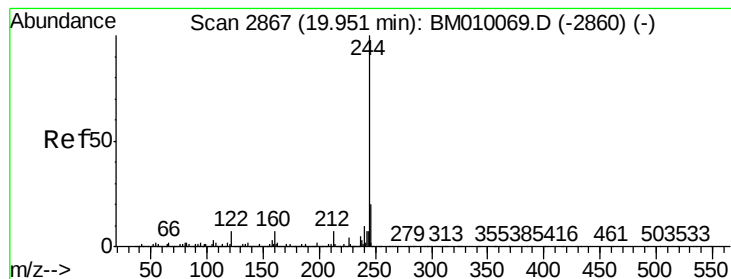
Tgt Ion:188 Resp: 703009
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 7.0 9.3 13.9#



#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

Tgt Ion:240 Resp: 1104807
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 24.4 20.0 30.0





#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

Instrument :

BNA_M

ClientSampleId :

PZ-02

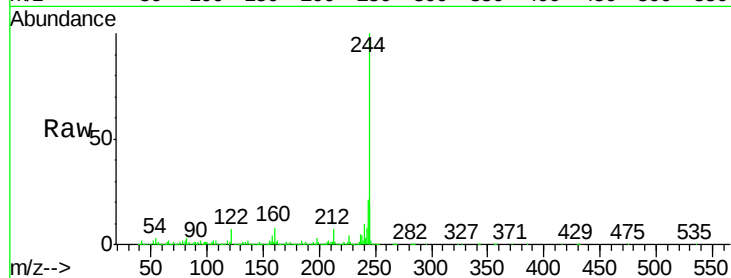
Tgt Ion:244 Resp: 4229976

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

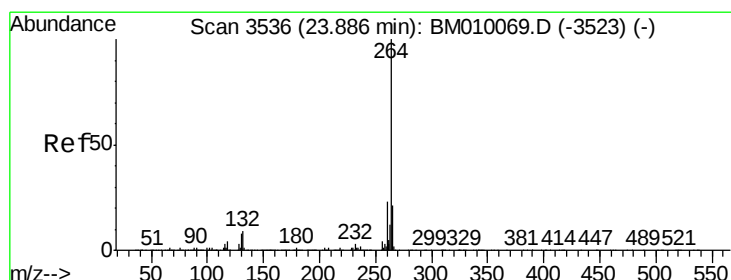
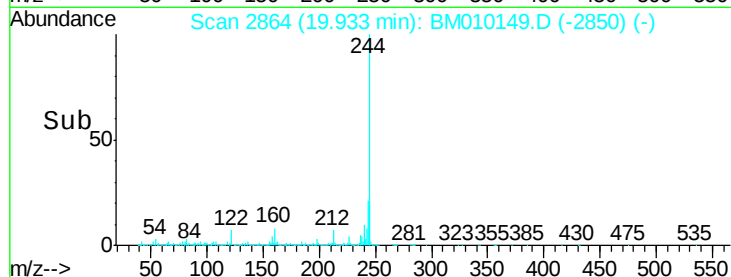
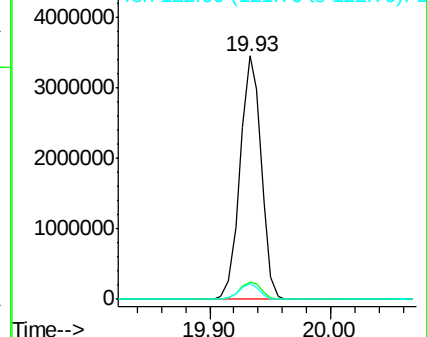
122 6.7 6.2 9.4



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

Perylene-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

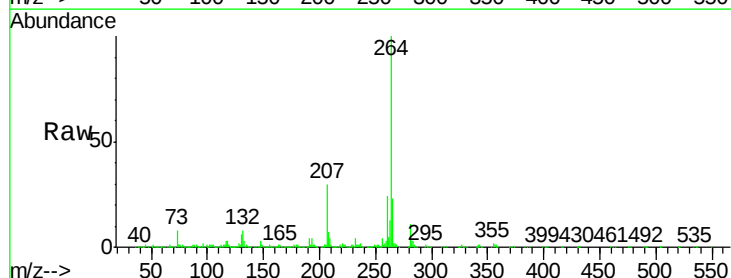
Tgt Ion:264 Resp: 1246846

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.6 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

