

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010138.D
 Acq On : 23 May 2017 12:54
 Operator : SJ/MA
 Sample : PB99180BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99180BL

Quant Time: May 23 18:43:37 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	143244	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	470653	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	287330	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	698346	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1090062	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1256329	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1062227	133.91	ng	-0.02
7) Phenol-d6	7.15	99	1267102	124.14	ng	-0.02
23) Nitrobenzene-d5	9.15	82	814175	93.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	569664	130.54	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2091556	93.58	ng	-0.02
78) Terphenyl-d14	19.93	244	3641254	75.95	ng	-0.02

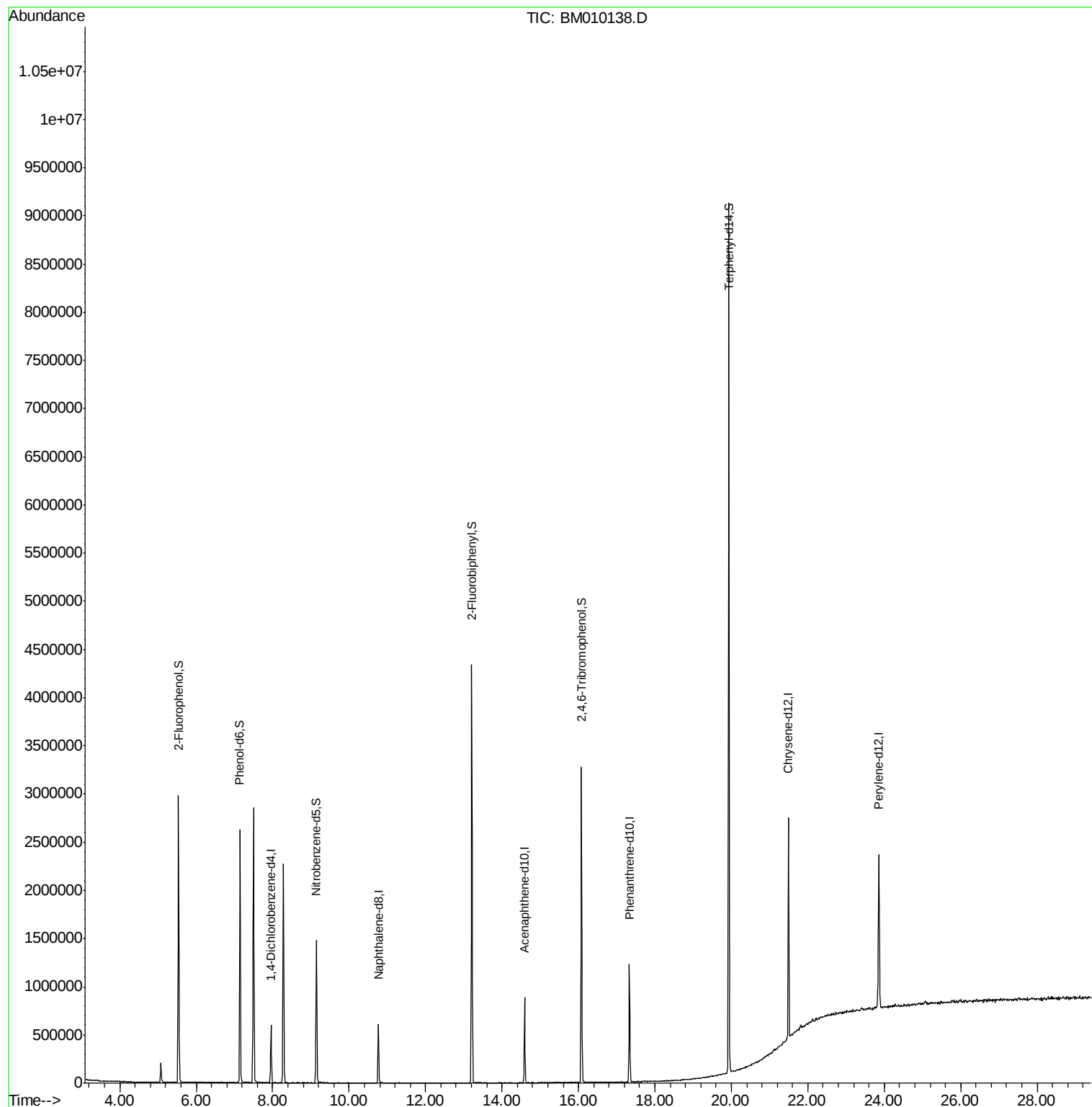
Target Compounds	Qvalue
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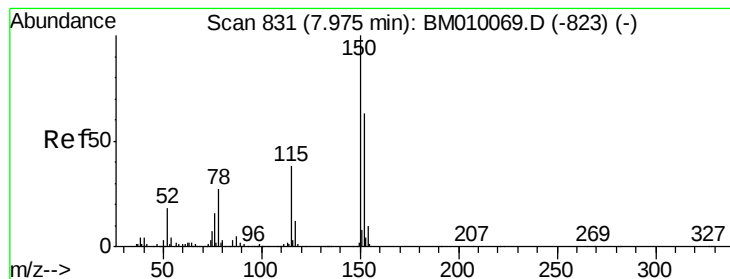
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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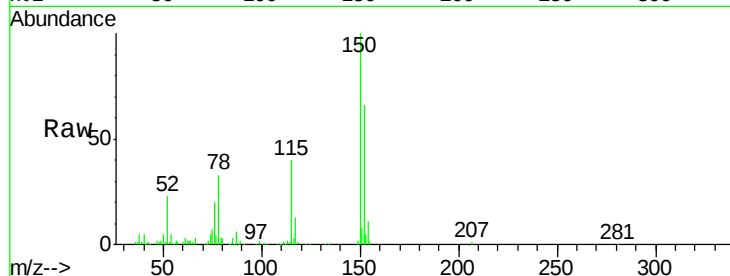


#1

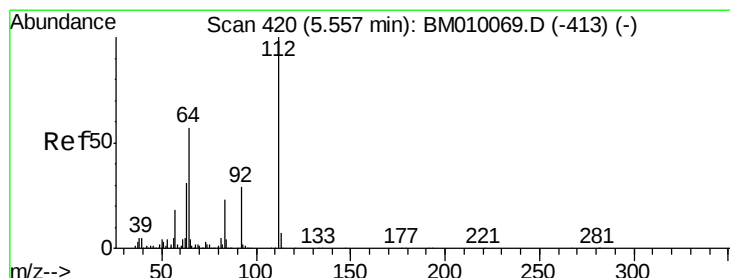
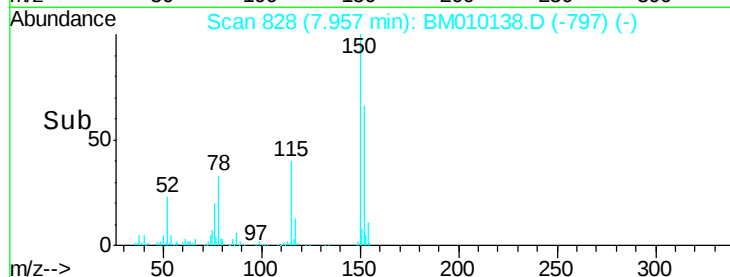
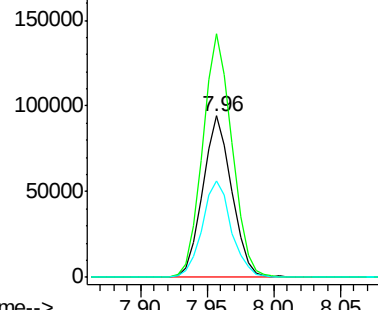
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.96 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BM010138.D
 Acq: 23 May 2017 12:54

Instrument :
 BNA_M
 ClientSampleId :
 PB99180BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	59.9	43.0	64.4



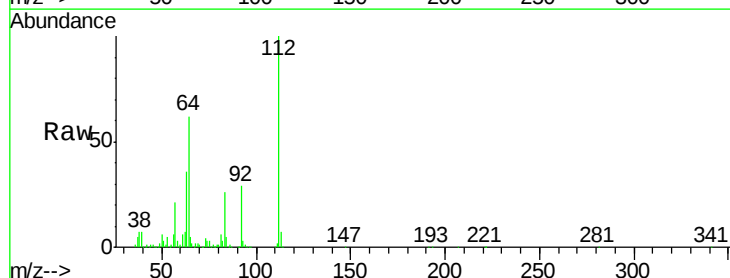
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



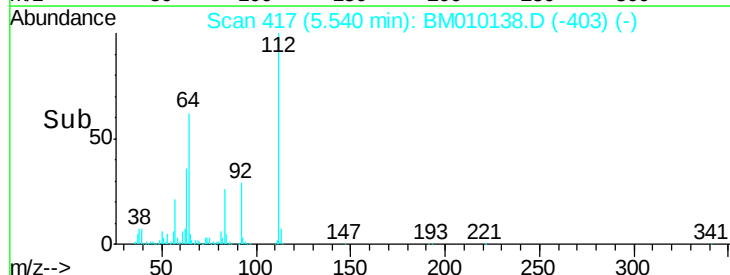
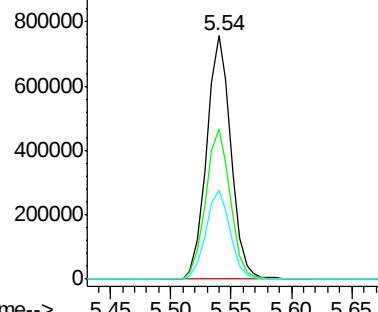
#5

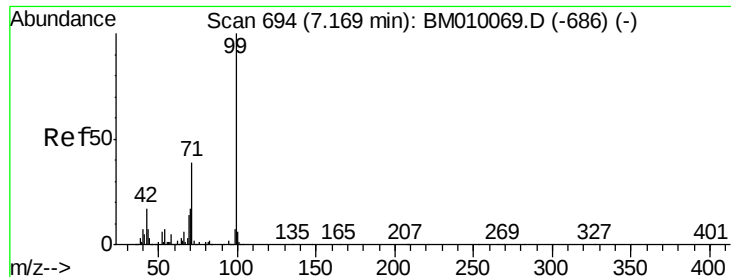
2-Fluorophenol
 Concen: 133.91 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BM010138.D
 Acq: 23 May 2017 12:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8#
63	36.3	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: 124.14 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010138.D

Acq: 23 May 2017 12:54

Instrument :

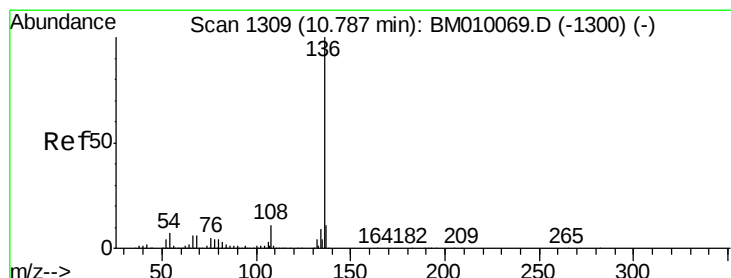
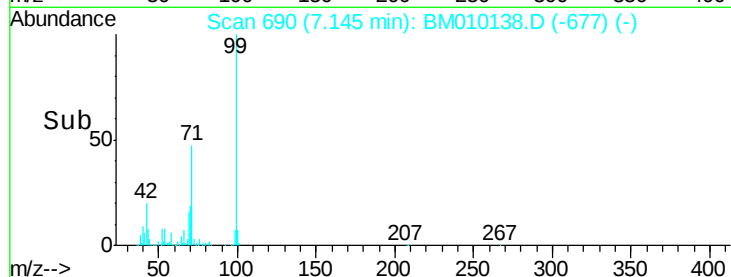
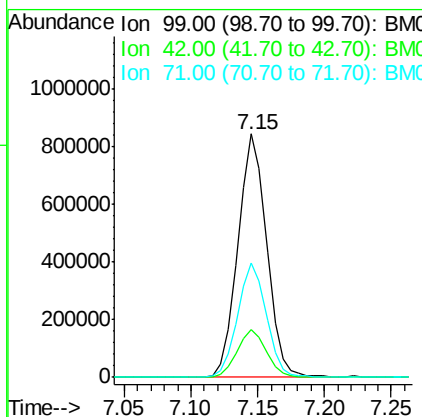
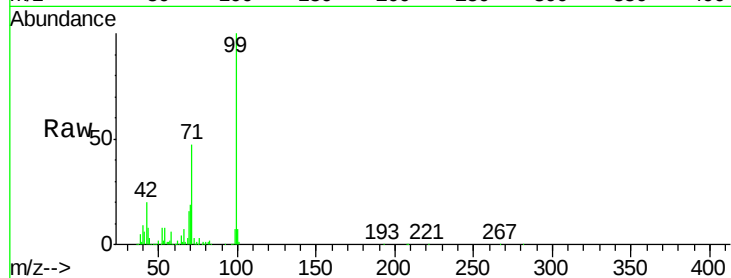
BNA_M

ClientSampled :

PB99180BL

Tgt Ion: 99 Resp: 1267102

Ion	Ratio	Lower	Upper
99	100		
42	19.6	11.0	16.4#
71	46.8	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

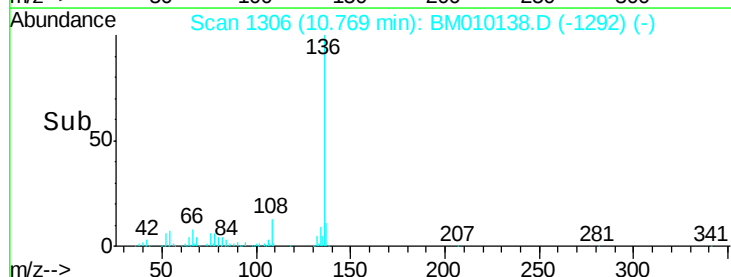
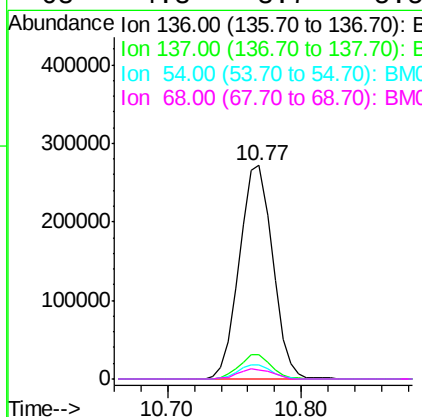
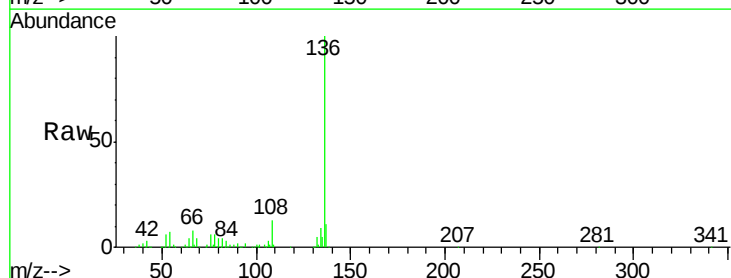
Delta R.T. -0.02 min

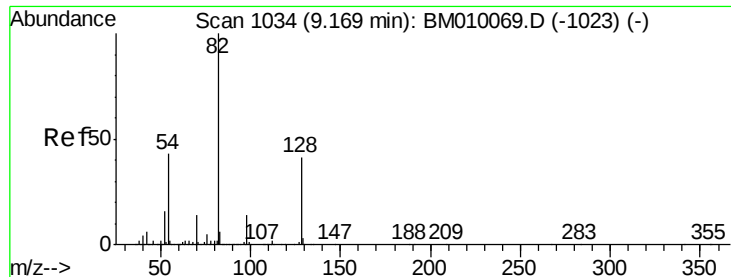
Lab File: BM010138.D

Acq: 23 May 2017 12:54

Tgt Ion: 136 Resp: 470653

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	4.6	6.8
68	4.3	3.7	5.5

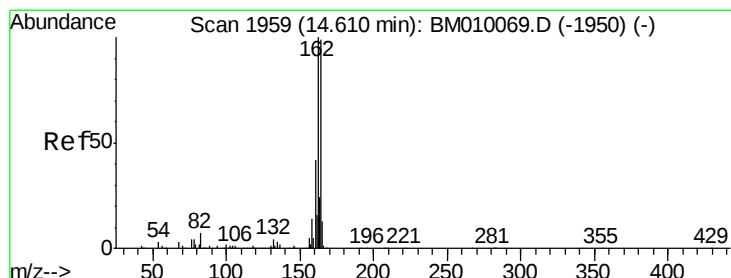
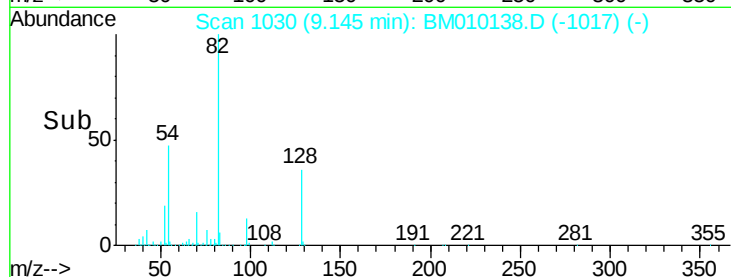
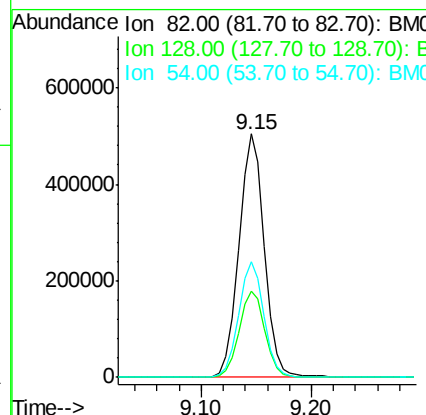
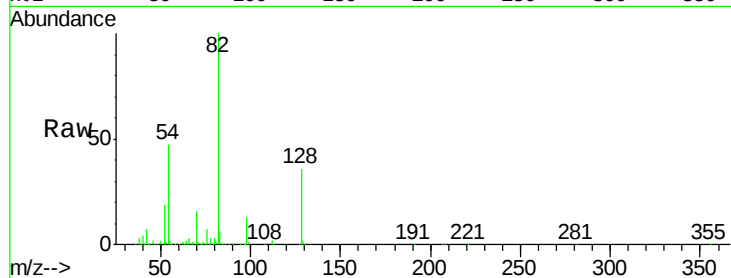




#23
 Nitrobenzene-d5
 Concen: 93.33 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010138.D
 Acq: 23 May 2017 12:54

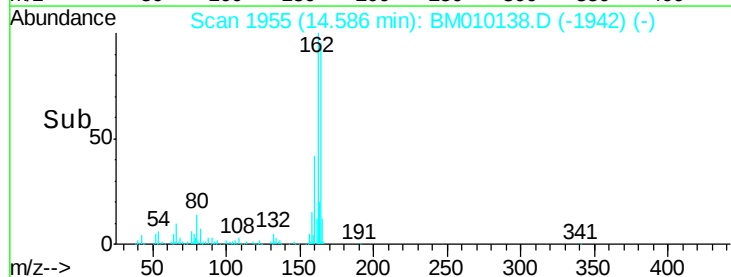
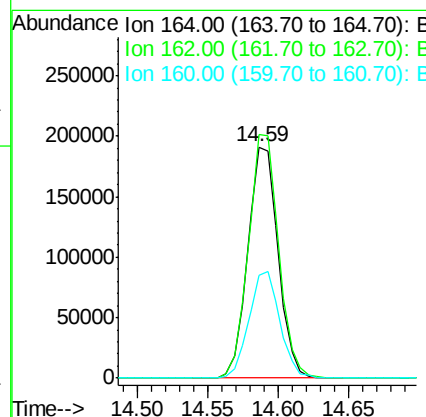
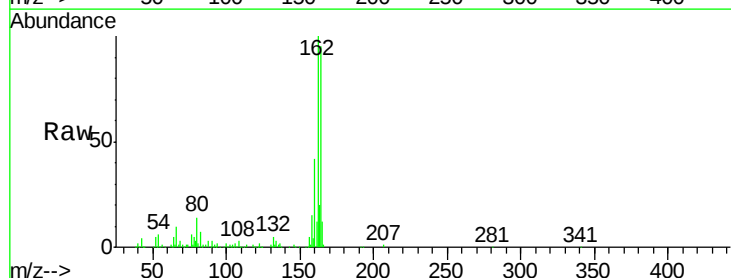
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BL

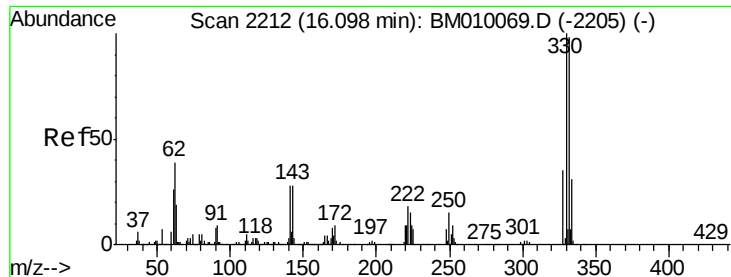
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	32.8	49.2
54	47.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010138.D
 Acq: 23 May 2017 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	44.2	35.8	53.6

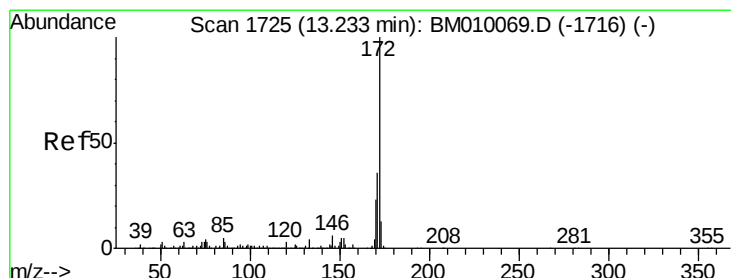
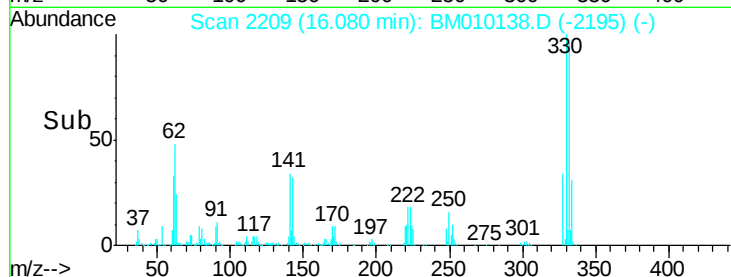
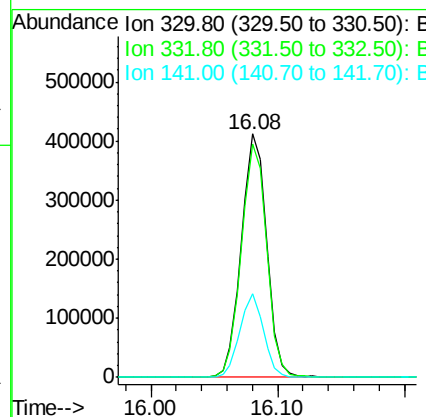
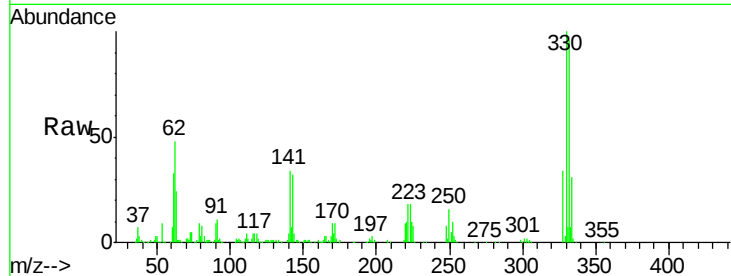




#41
 2,4,6-Tribromophenol
 Concen: 130.54 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010138.D
 Acq: 23 May 2017 12:54

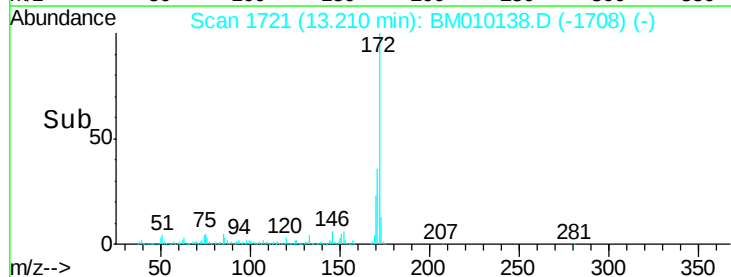
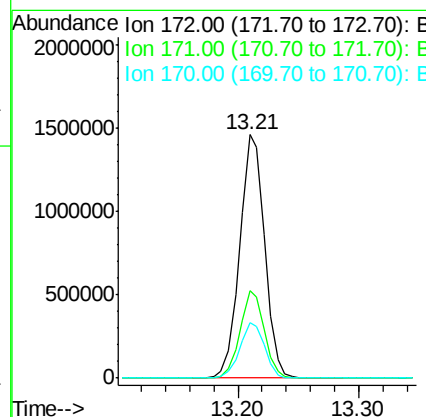
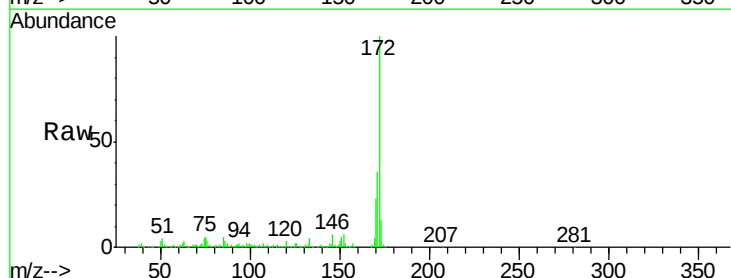
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BL

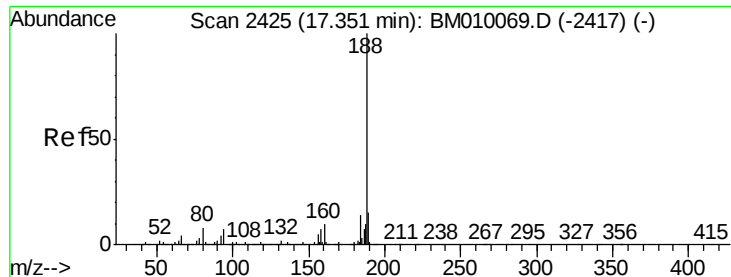
Tgt Ion:330 Resp: 569664
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 32.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 93.58 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010138.D
 Acq: 23 May 2017 12:54

Tgt Ion:172 Resp: 2091556
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.0 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: BM010138.D

Acq: 23 May 2017 12:54

Instrument :

BNA_M

ClientSampleId :

PB99180BL

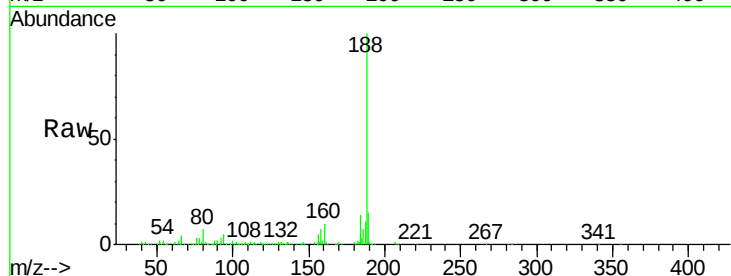
Tgt Ion:188 Resp: 698346

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

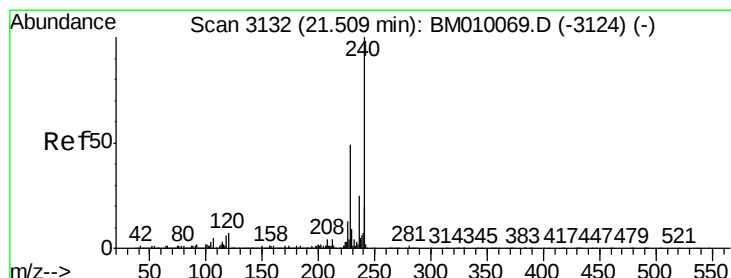
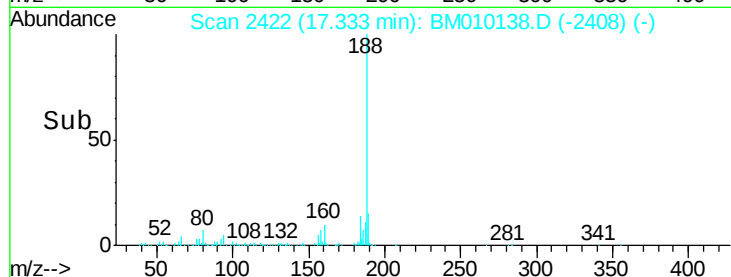
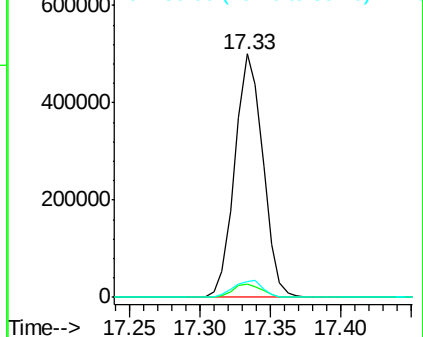
80 6.6 9.3 13.9#



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: BM010138.D

Acq: 23 May 2017 12:54

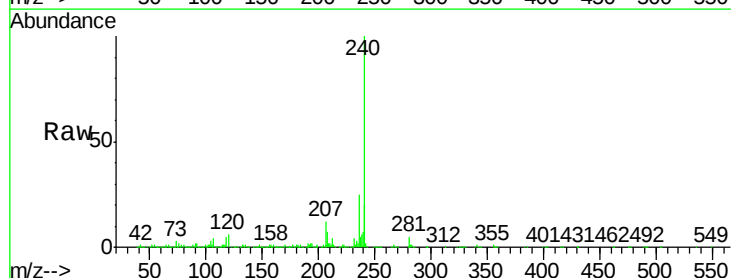
Tgt Ion:240 Resp: 1090062

Ion Ratio Lower Upper

240 100

120 5.8 8.2 12.2#

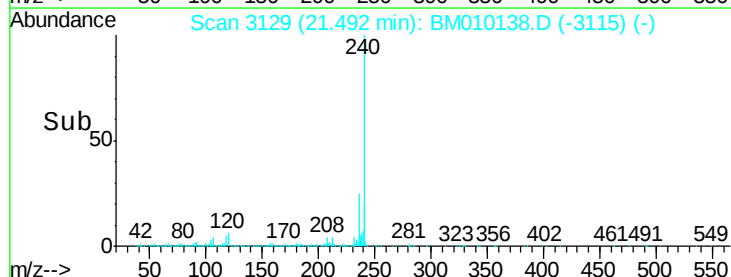
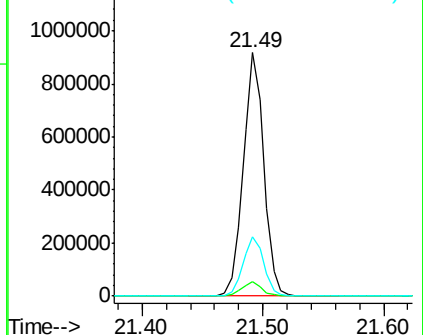
236 24.6 20.0 30.0

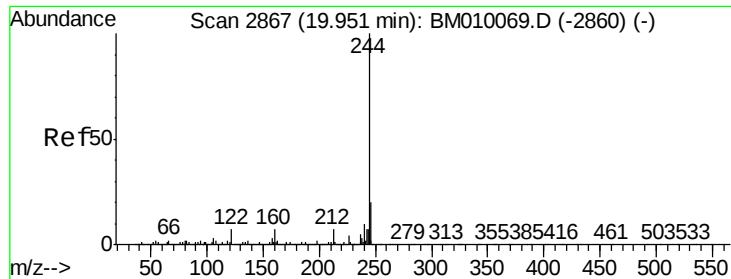


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.95 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010138.D

Acq: 23 May 2017 12:54

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BNA_M

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PB99180BL

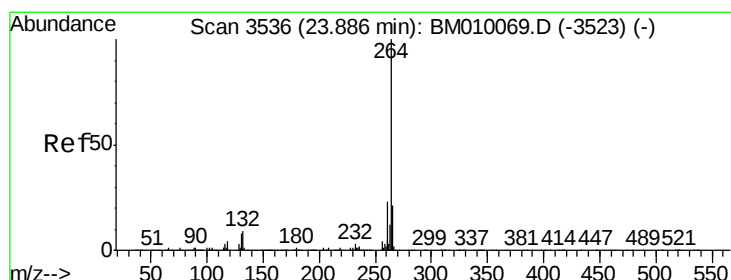
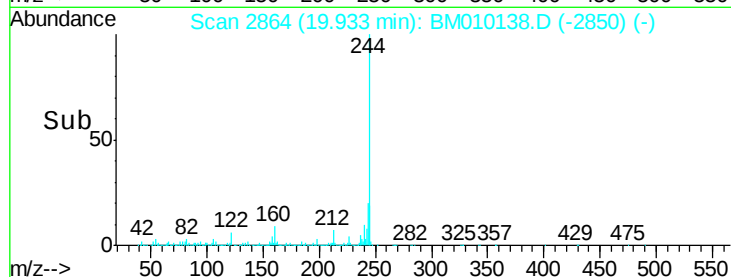
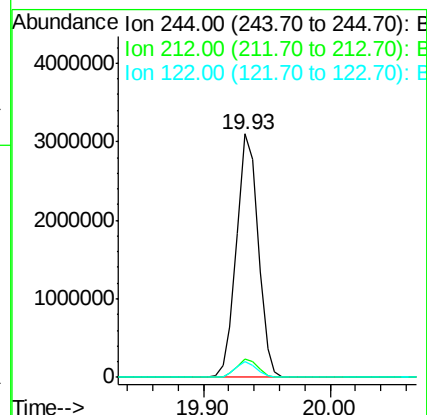
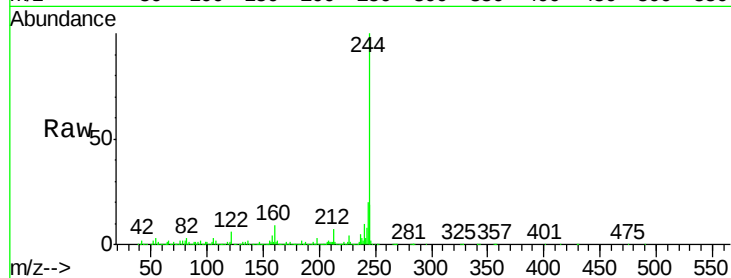
Tgt Ion:244 Resp: 3641254

Ion Ratio Lower Upper

244 100

212 7.5 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: BM010138.D

Acq: 23 May 2017 12:54

Tgt Ion:264 Resp: 1256329

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.2 17.3 25.9

