

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\
 Data File : BM010143.D
 Acq On : 23 May 2017 15:53
 Operator : SJ/MA
 Sample : I3241-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 18:25:52 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

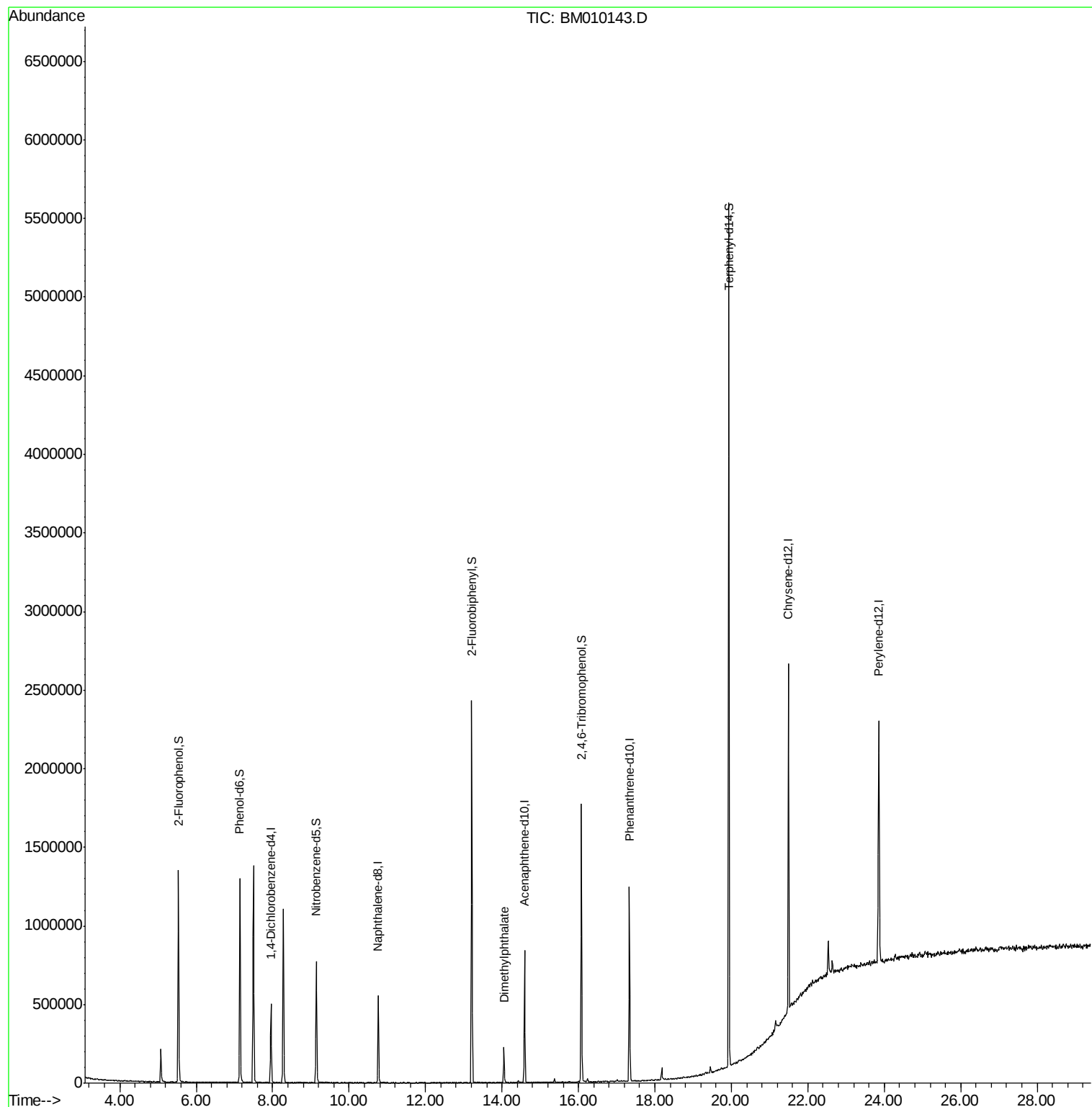
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	126486	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	420703	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	268089	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	687819	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1060620	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1221626	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	495678	70.77	ng	-0.02
7) Phenol-d6	7.15	99	667635	74.08	ng	-0.02
23) Nitrobenzene-d5	9.15	82	442991	56.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	306417	75.25	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1173271	56.26	ng	-0.02
78) Terphenyl-d14	19.93	244	2236543	47.95	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.05	163	134024	5.60	ng	Qvalue # 99

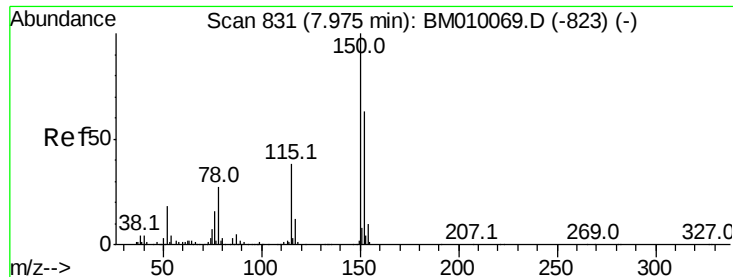
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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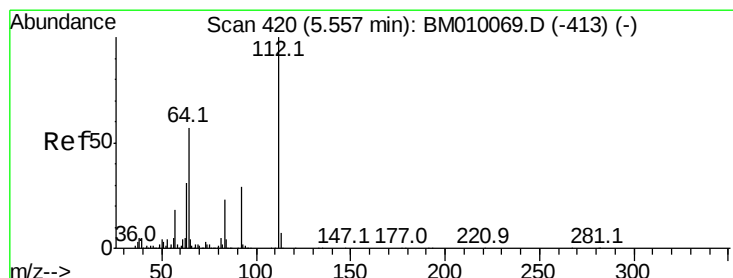
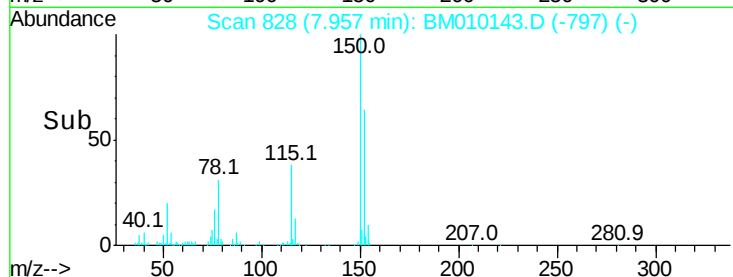
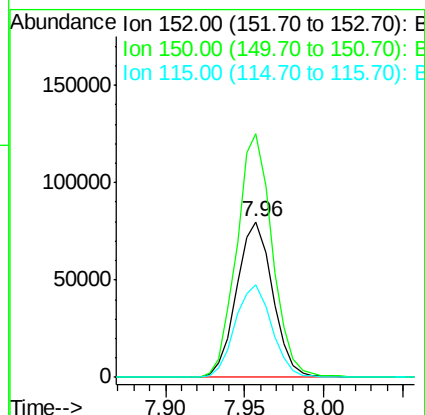
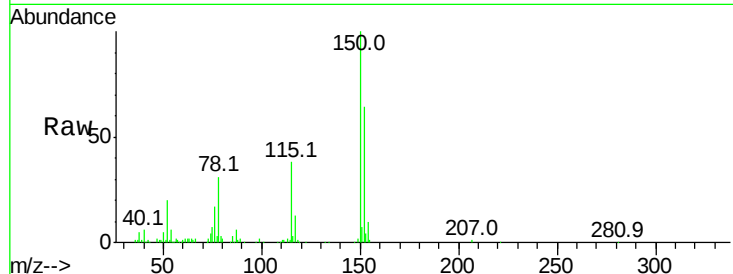


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010143.D
Acq: 23 May 2017 15:53

Instrument :
BNA_M
ClientSampleId :

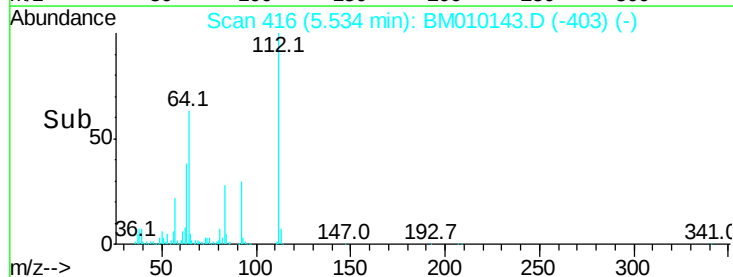
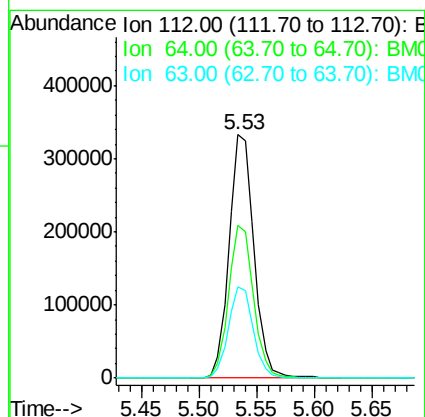
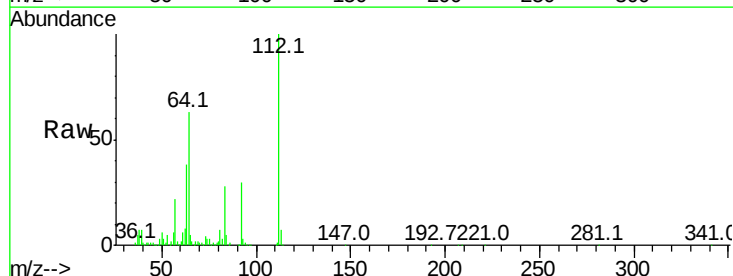
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	59.5	43.0	64.4



#5

2-Fluorophenol
Concen: 70.77 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010143.D
Acq: 23 May 2017 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	37.6	19.3	28.9#





#7

Phenol-d6

Concen: 74.08 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010143.D

Acq: 23 May 2017 15:53

Instrument :

BNA_M

ClientSampleId :

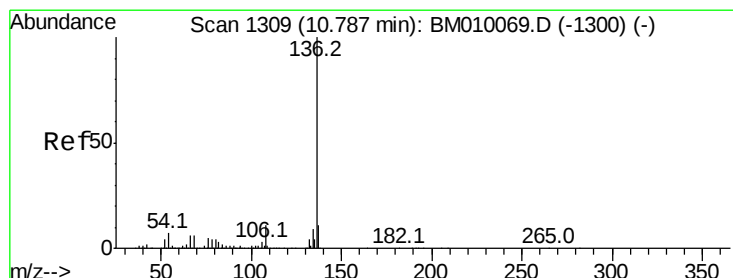
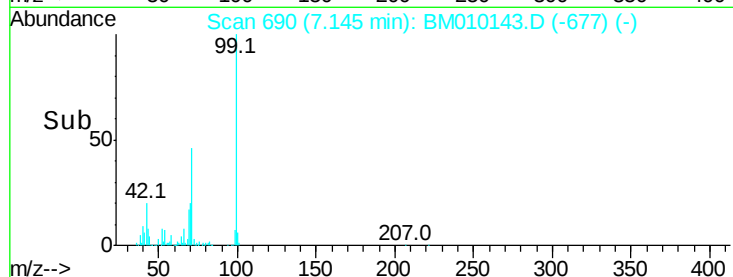
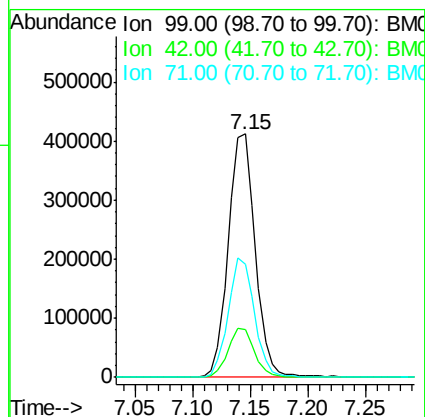
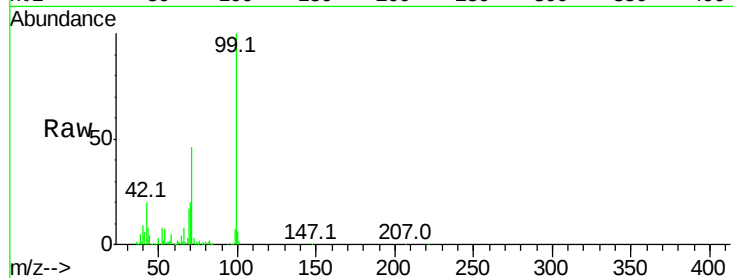
Tot Ion: 99 Resp: 667635

Ion Ratio Lower Upper

99 100

42 19.8 11.0 16.4#

71 46.4 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: BM010143.D

Acq: 23 May 2017 15:53

Tgt Ion: 136 Resp: 420703

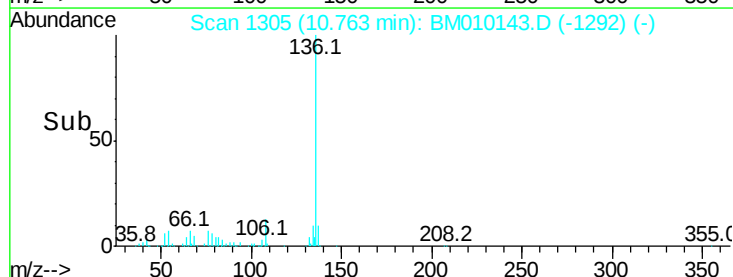
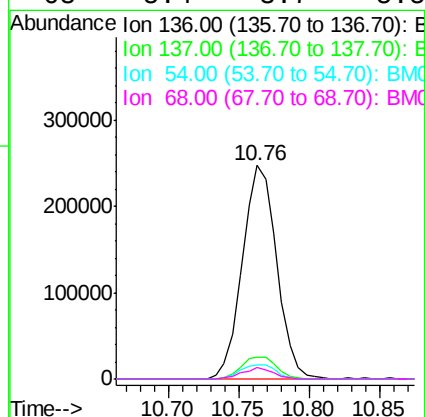
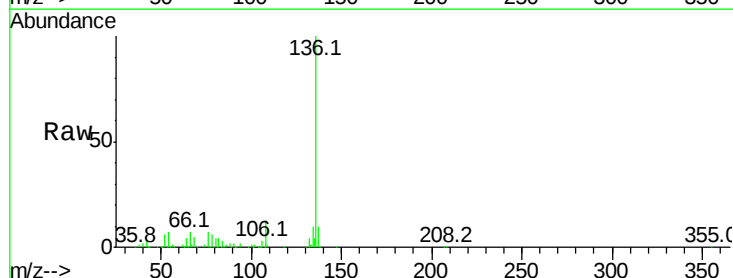
Ion Ratio Lower Upper

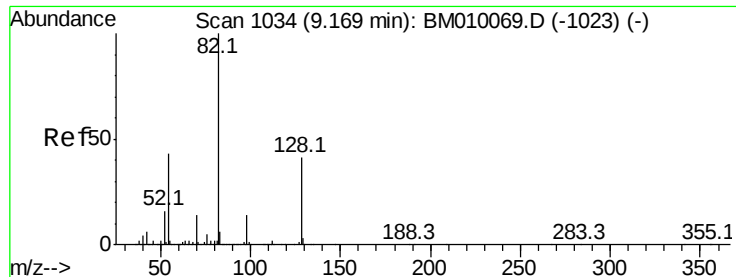
136 100

137 10.3 8.7 13.1

54 6.6 4.6 6.8

68 5.4 3.7 5.5

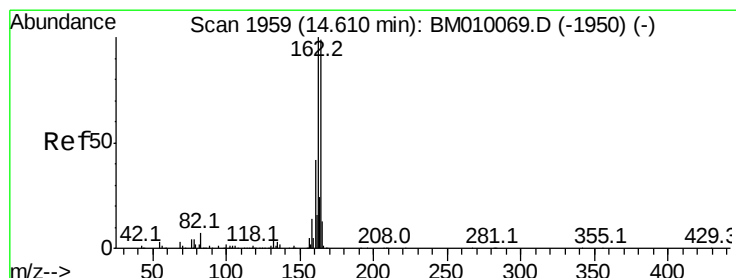
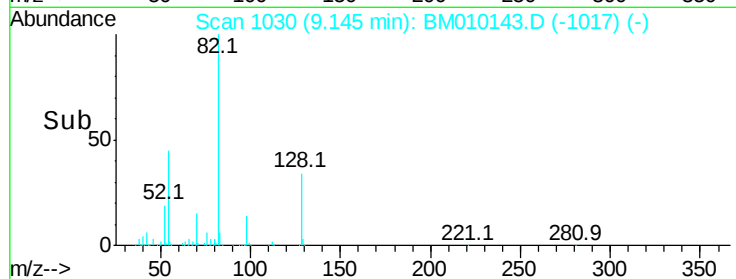
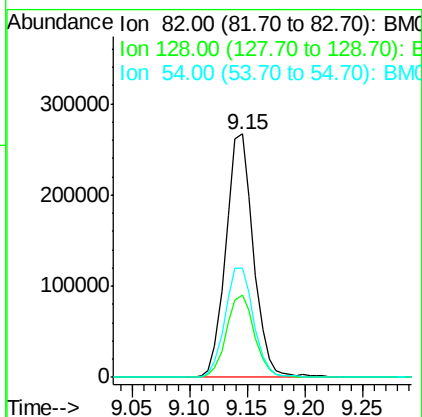
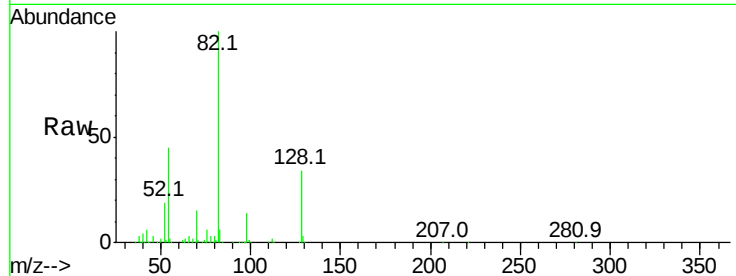




#23
 Nitrobenzene-d5
 Concen: 56.81 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010143.D
 Acq: 23 May 2017 15:53

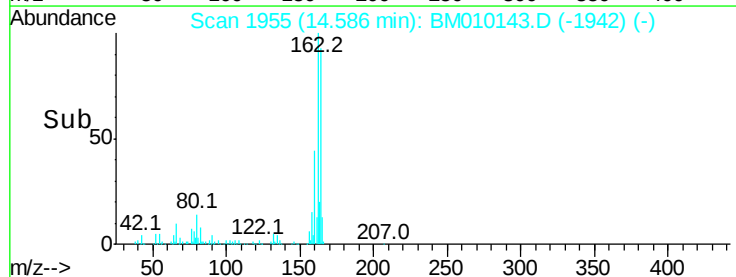
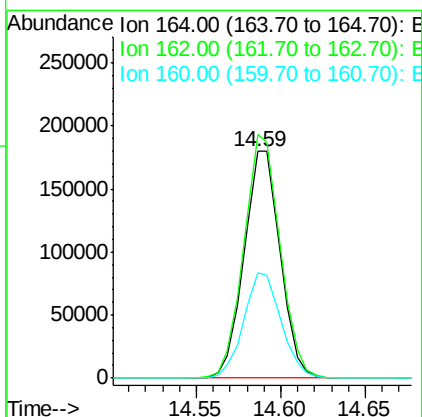
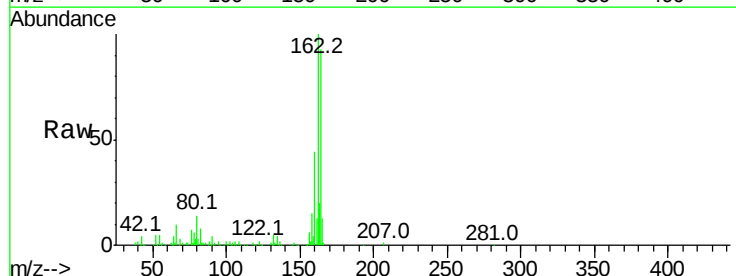
Instrument :
 BNA_M
 ClientSampleId :

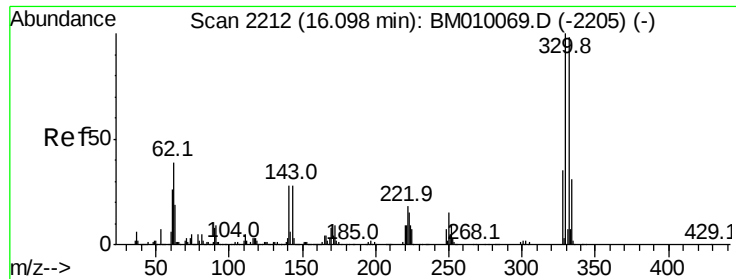
Tot Ion	82	Resp	442991
Ion	Ratio	Lower	Upper
82	100		
128	34.0	32.8	49.2
54	44.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010143.D
 Acq: 23 May 2017 15:53

Tgt Ion	164	Resp	268089
Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.4	123.6
160	46.7	35.8	53.6

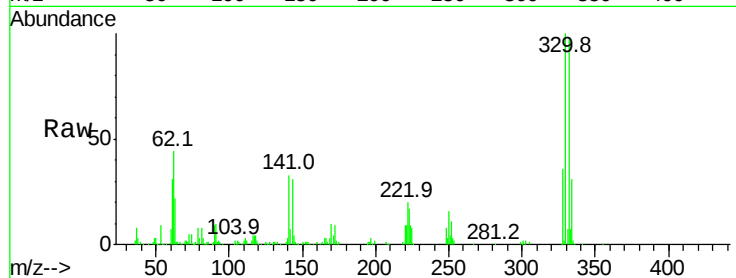




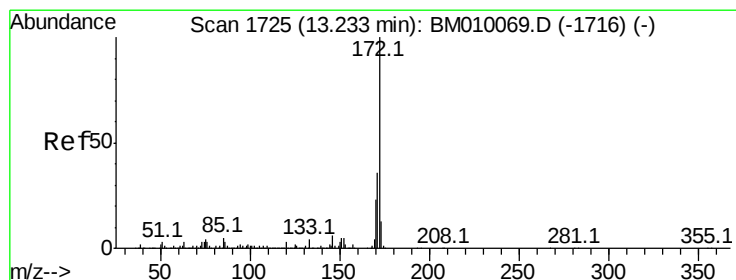
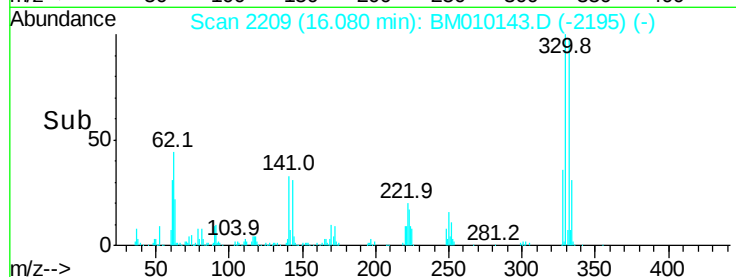
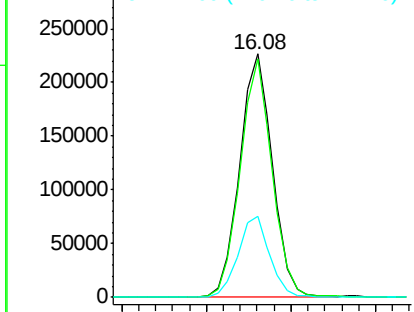
#41
 2,4,6-Tribromophenol
 Concen: 75.25 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010143.D
 Acq: 23 May 2017 15:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	32.3	0.0	0.0#

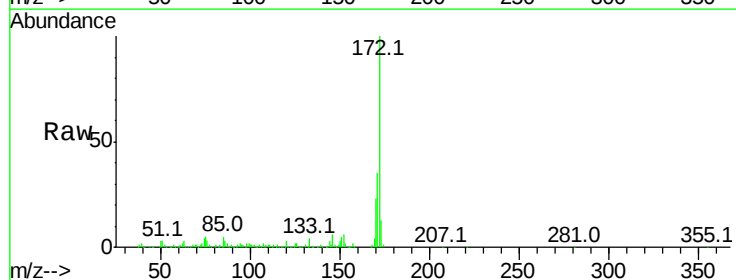


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

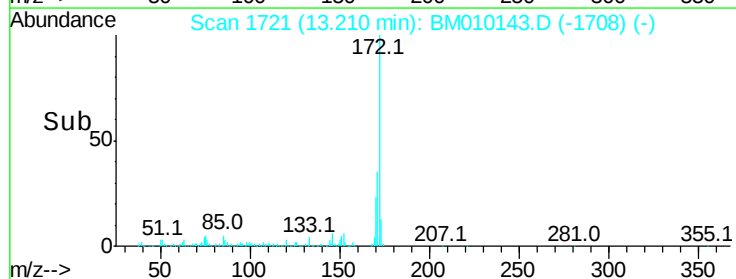
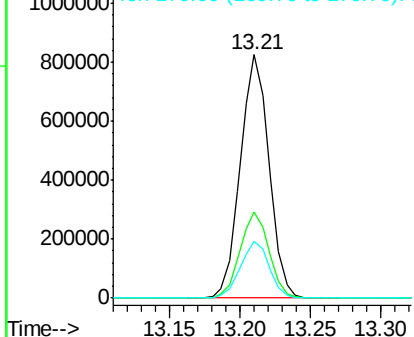


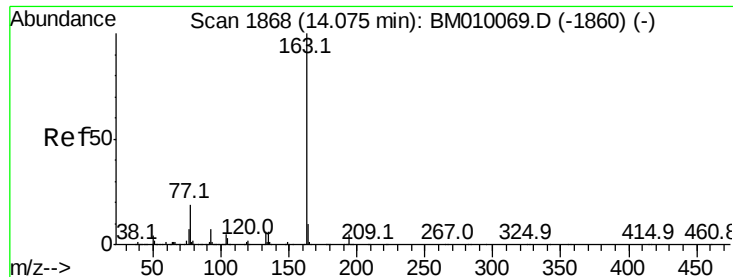
#44
 2-Fluorobiphenyl
 Concen: 56.26 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010143.D
 Acq: 23 May 2017 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.2	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.60 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010143.D

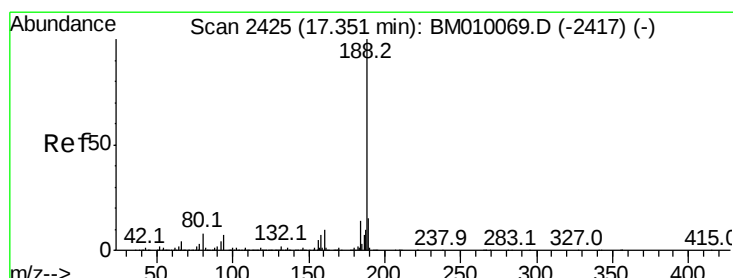
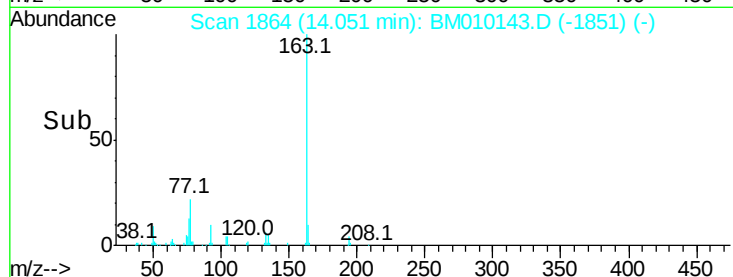
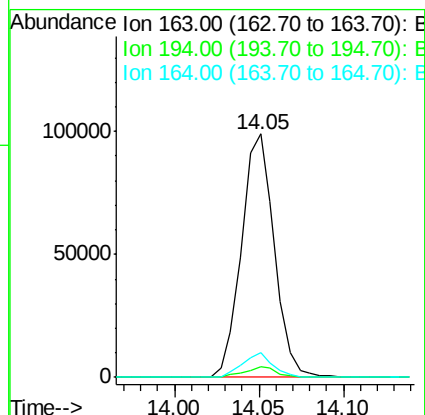
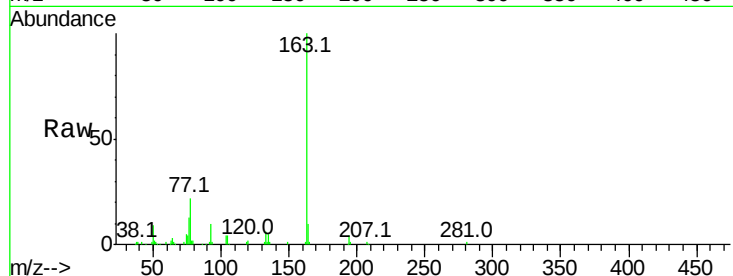
Acq: 23 May 2017 15:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:163	Resp:	134024
Ion Ratio	Lower	Upper
163	100	
194	4.5	2.7 4.1#
164	10.2	8.2 12.2



#63

Phenanthrene-d10

Concen: 20.00 ng

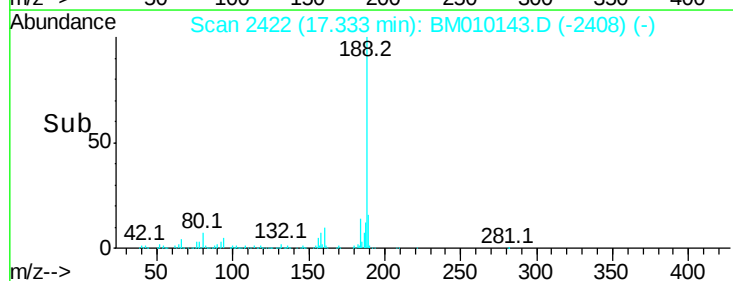
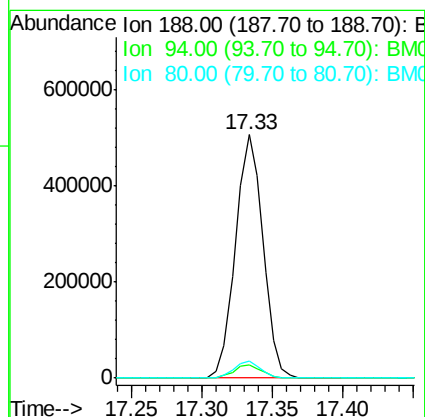
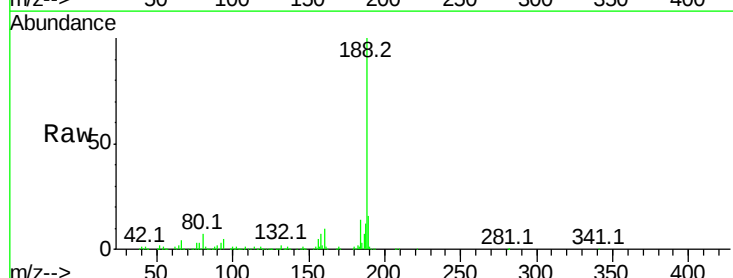
RT: 17.33 min Scan# 2422

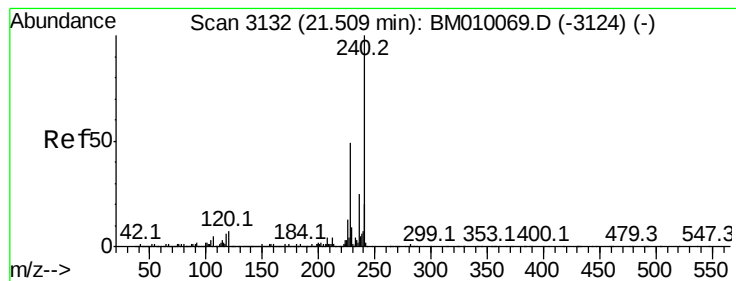
Delta R.T. -0.02 min

Lab File: BM010143.D

Acq: 23 May 2017 15:53

Tgt Ion:188	Resp:	687819
Ion Ratio	Lower	Upper
188	100	
94	5.2	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: BM010143.D

Acq: 23 May 2017 15:53

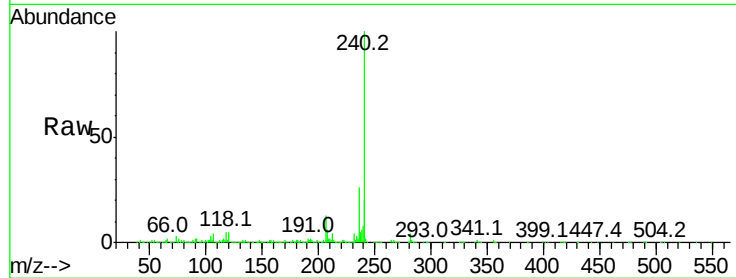
Instrument :

BNA_M

ClientSampled :

Tot Ion:240 Resp: 1060620

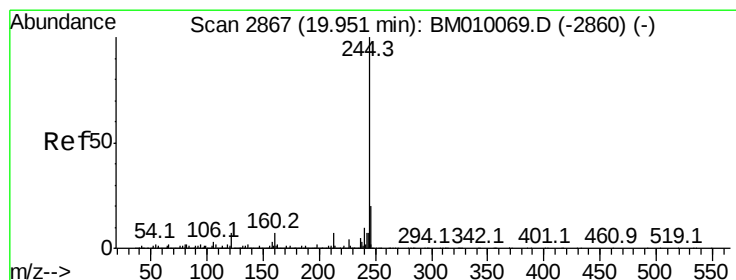
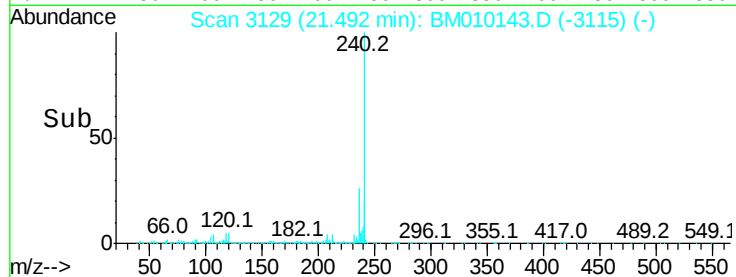
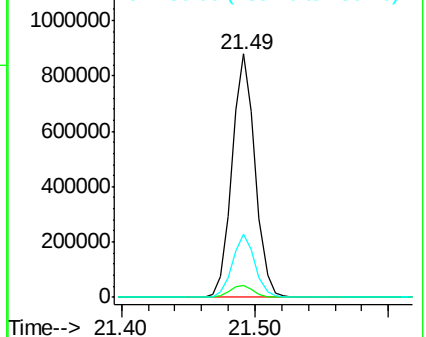
Ion	Ratio	Lower	Upper
240	100		
120	5.0	8.2	12.2#
236	26.0	20.0	30.0



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: 47.95 ng

RT: 19.93 min Scan# 2864

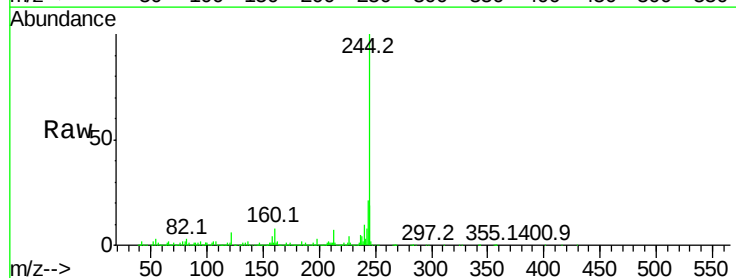
Delta R.T. -0.02 min

Lab File: BM010143.D

Acq: 23 May 2017 15:53

Tgt Ion:244 Resp: 2236543

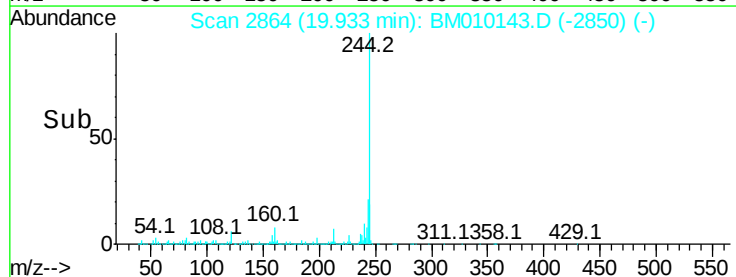
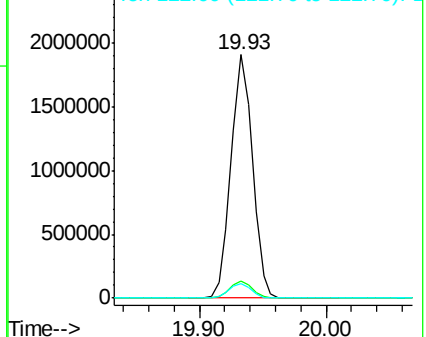
Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	6.0	6.2	9.4#

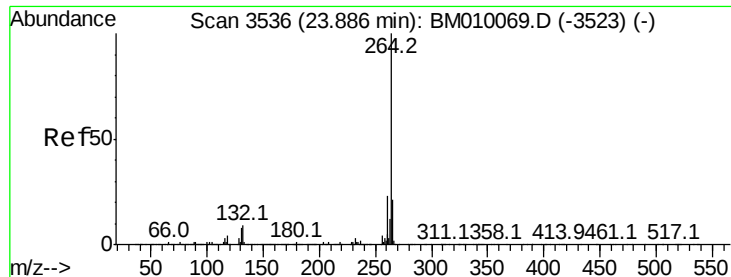


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BM010143.D
Acq: 23 May 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 1221626

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	23.3	17.3	25.9

