

Data Path : Z:\HPCHEM1\BNA M\Data\BM040517\
 Data File : BM009550.D
 Acq On : 05 Apr 2017 09:57
 Operator : SJ/MA
 Sample : I2493-17RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 05 11:24:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	104998	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	395353	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	158804	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	489471	20.00	ng	-0.02
75) Chrysene-d12	21.41	240	498044	20.00	ng	-0.02
86) Perylene-d12	23.73	264	141054	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1068815	169.67	ng	-0.01
7) Phenol-d6	7.00	99	1165223	135.65	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1103401	104.64	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	455088	230.68	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1883299	142.90	ng	-0.02
78) Terphenyl-d14	19.86	244	2985894	125.28	ng	-0.01

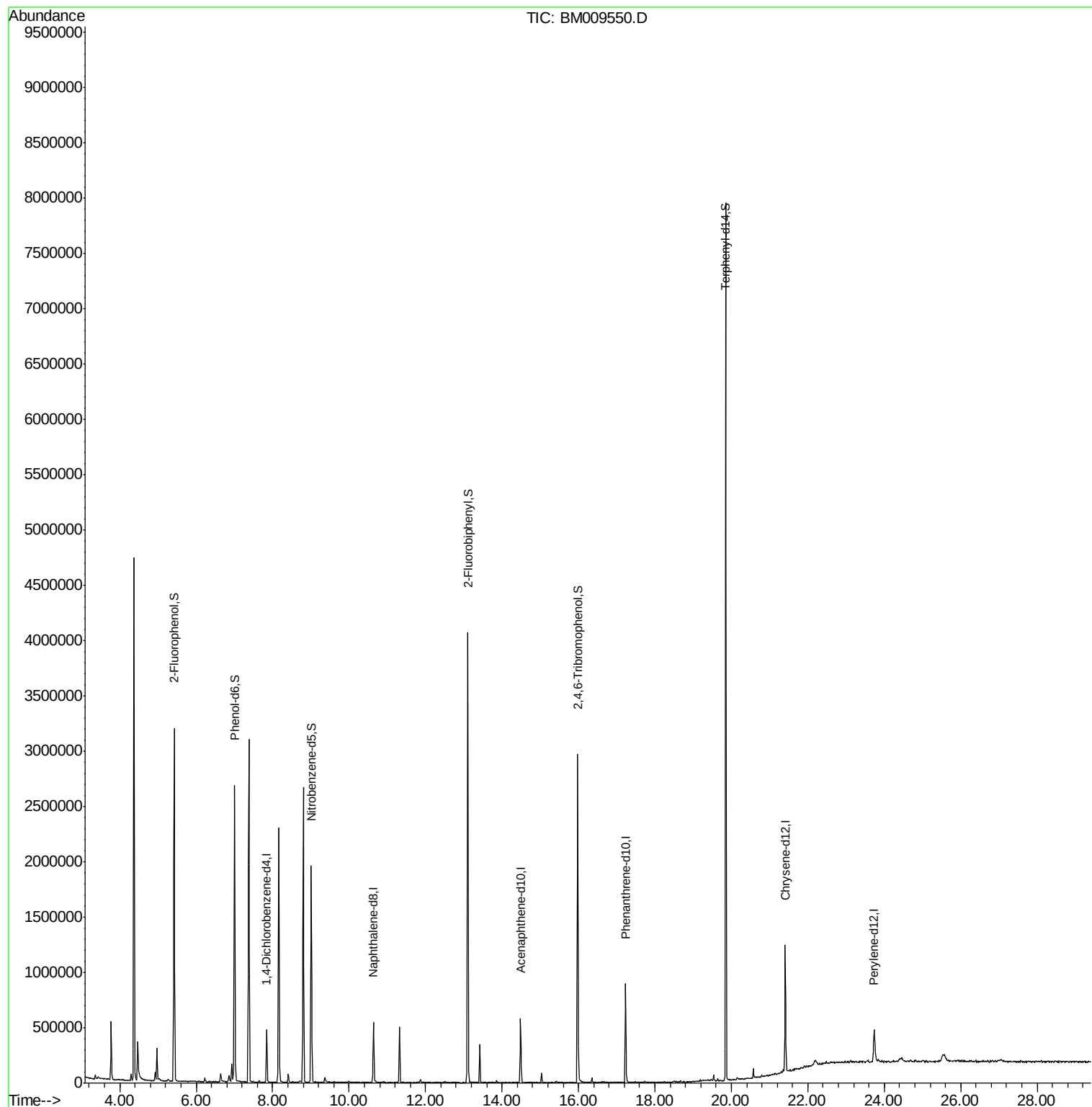
Target Compounds Qvalue

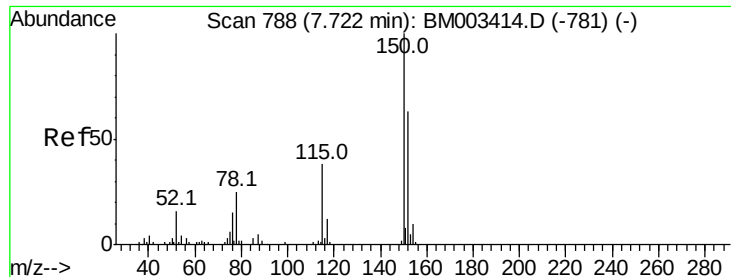
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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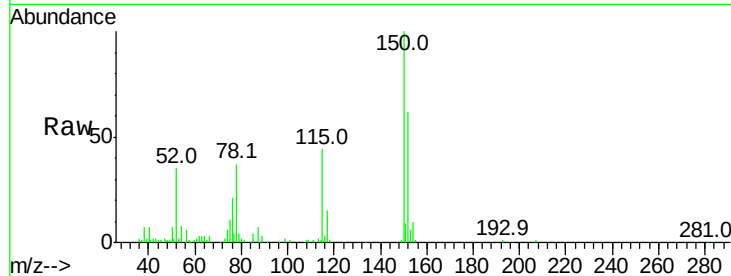


#1

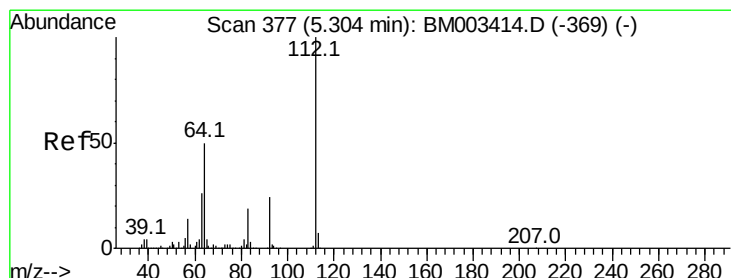
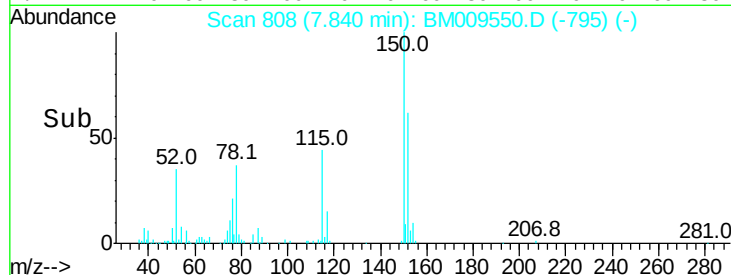
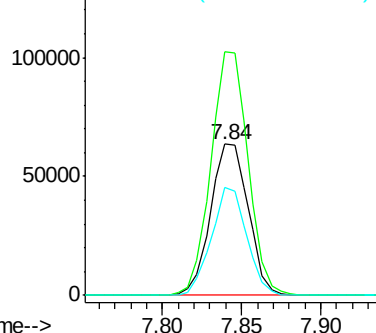
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BM009550.D
Acq: 05 Apr 2017 09:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 104998
Ion Ratio Lower Upper
152 100
150 161.1 119.5 179.3
115 71.0 43.0 64.4#



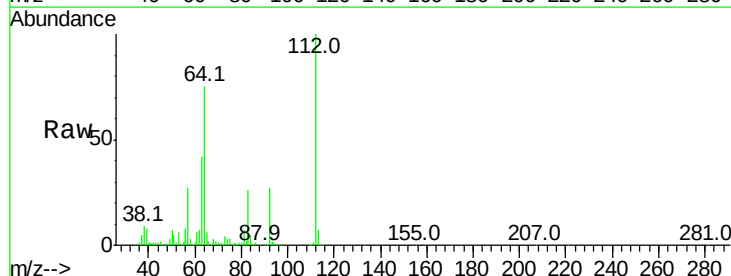
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



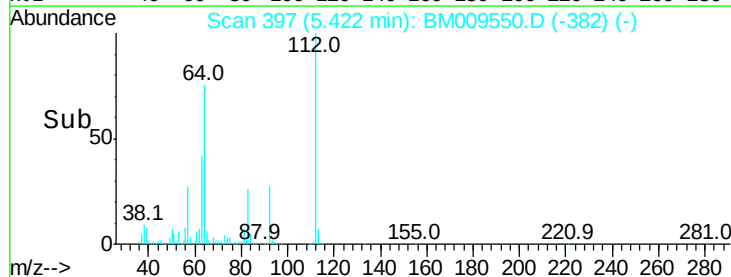
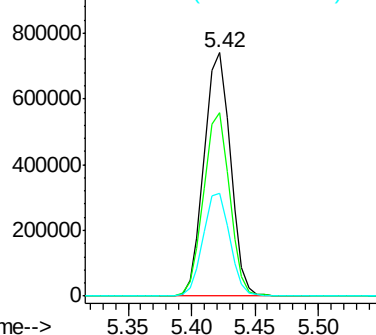
#5

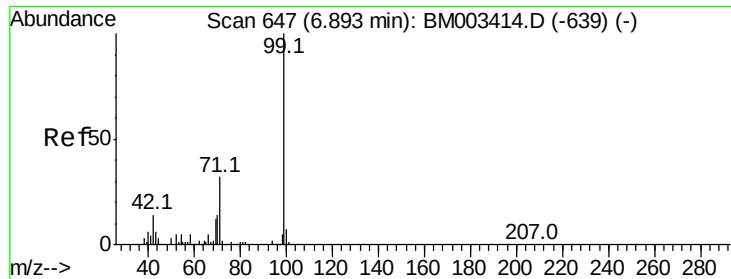
2-Fluorophenol
Concen: 169.67 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009550.D
Acq: 05 Apr 2017 09:57

Tgt Ion:112 Resp: 1068815
Ion Ratio Lower Upper
112 100
64 75.4 38.6 57.8#
63 42.4 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: 135.65 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009550.D

Acq: 05 Apr 2017 09:57

Instrument :

BNA_M

ClientSampled :

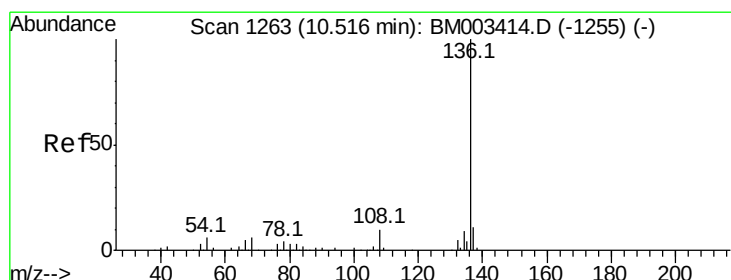
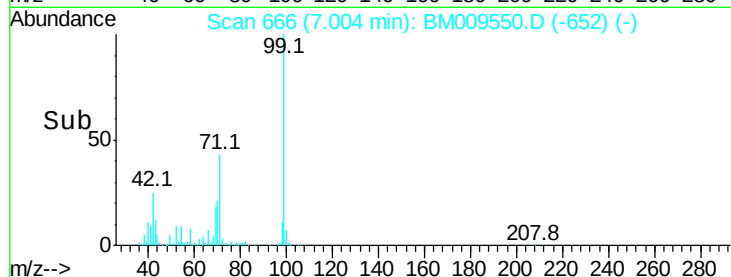
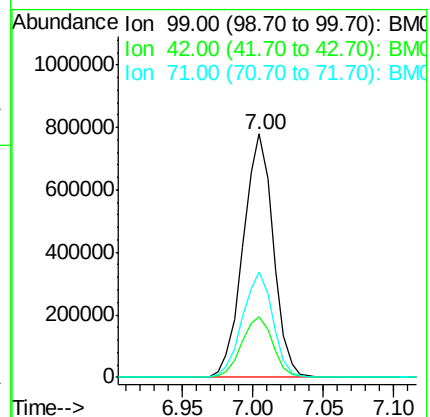
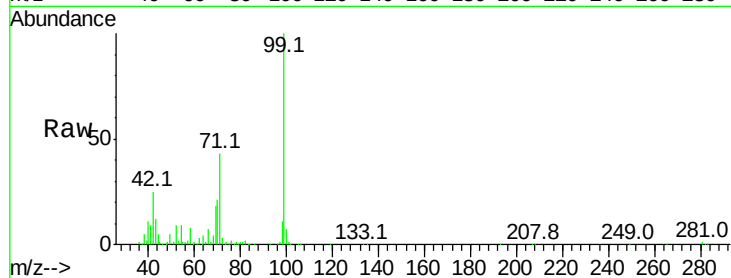
Tot Ion: 99 Resp: 1165223

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

71 43.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009550.D

Acq: 05 Apr 2017 09:57

Tgt Ion: 136 Resp: 395353

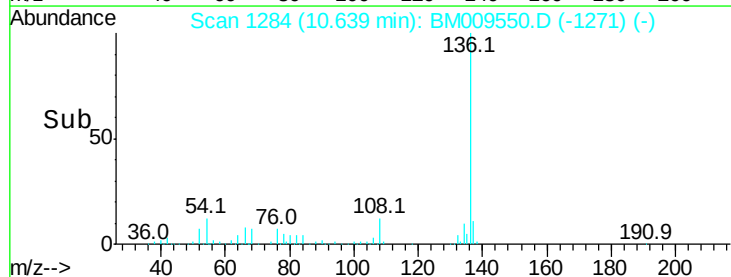
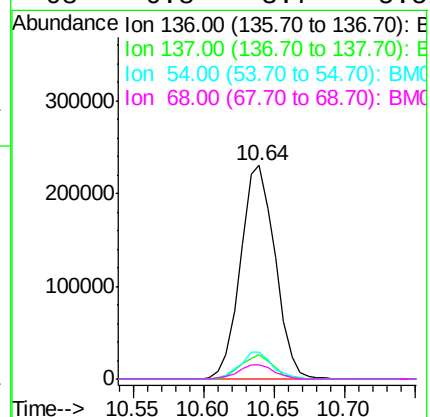
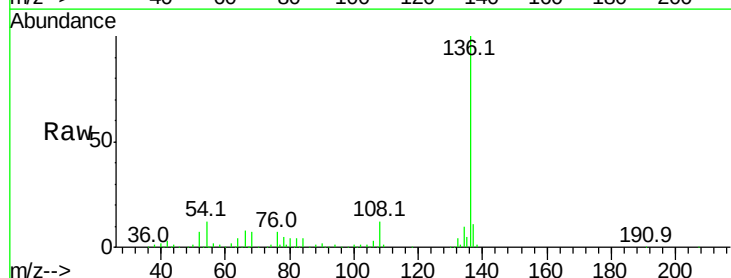
Ion Ratio Lower Upper

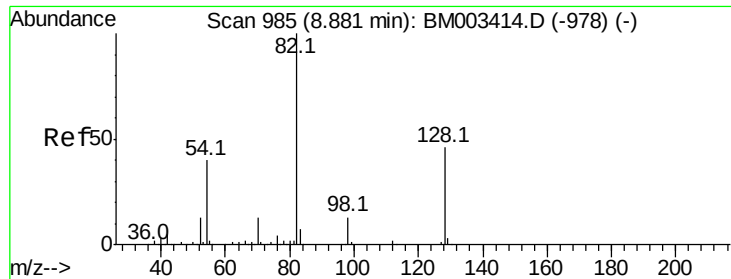
136 100

137 11.2 8.7 13.1

54 12.5 4.6 6.8#

68 6.8 3.7 5.5#

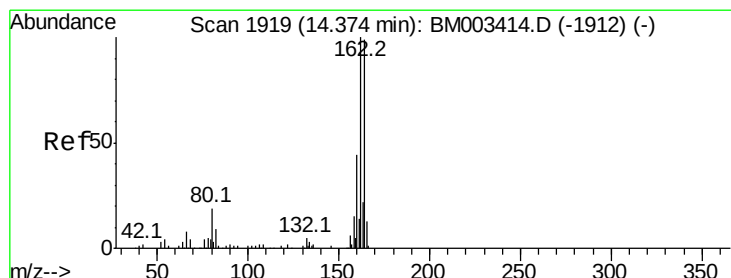
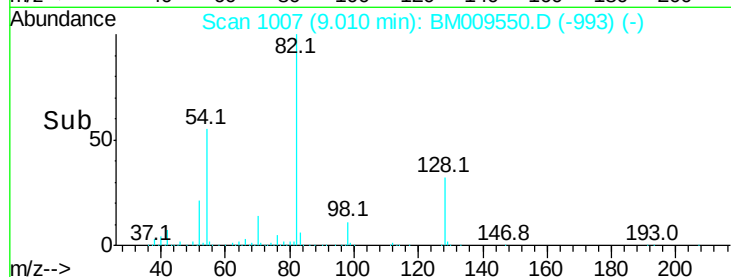
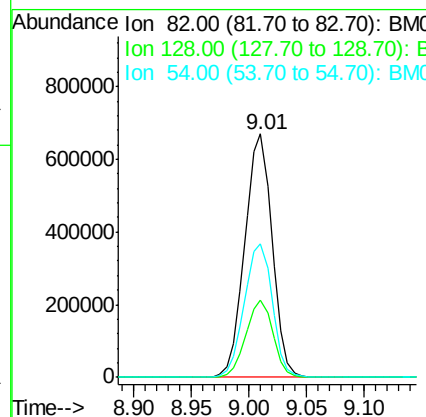
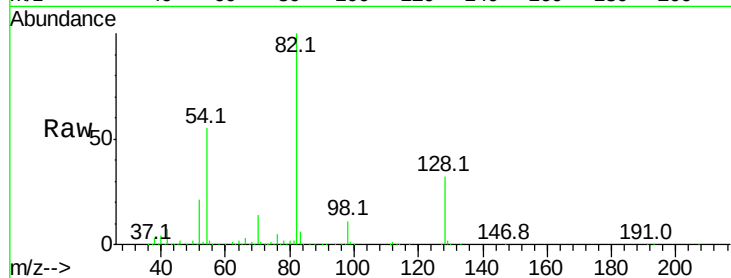




#23
 Nitrobenzene-d5
 Concen: 104.64 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009550.D
 Acq: 05 Apr 2017 09:57

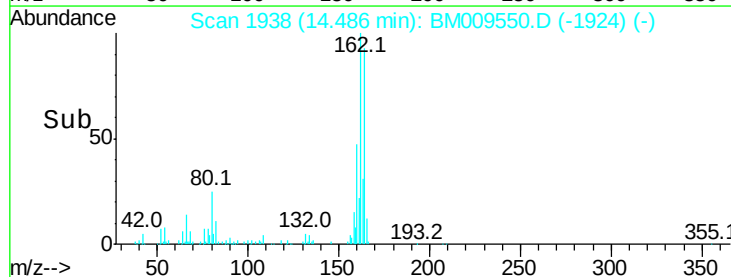
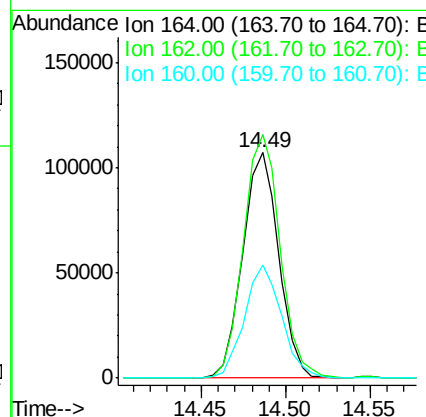
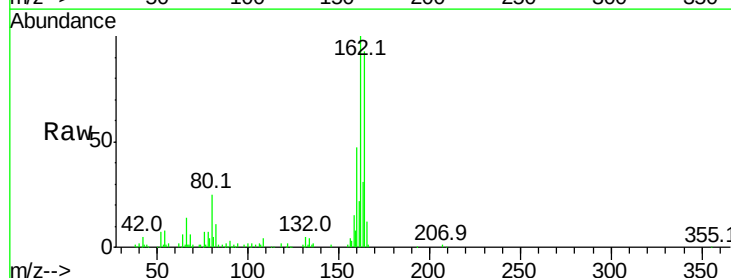
Instrument :
 BNA_M
 ClientSampled :

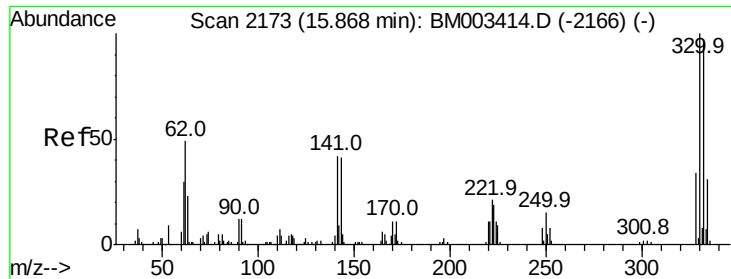
Tot Ion: 82 Resp: 1103401
 Ion Ratio Lower Upper
 82 100
 128 31.6 32.8 49.2#
 54 54.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009550.D
 Acq: 05 Apr 2017 09:57

Tgt Ion:164 Resp: 158804
 Ion Ratio Lower Upper
 164 100
 162 108.0 82.4 123.6
 160 50.3 35.8 53.6

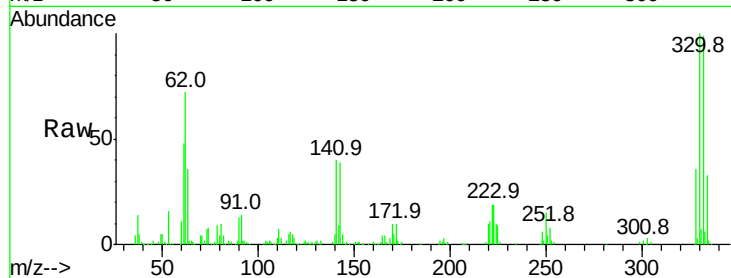




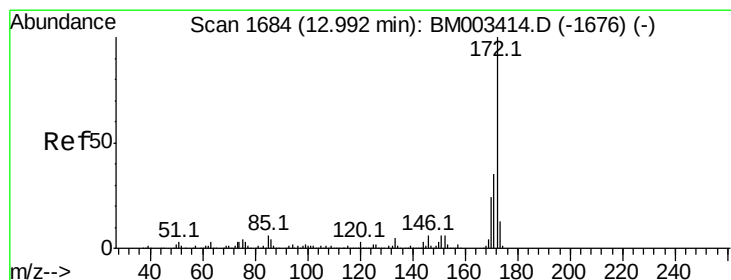
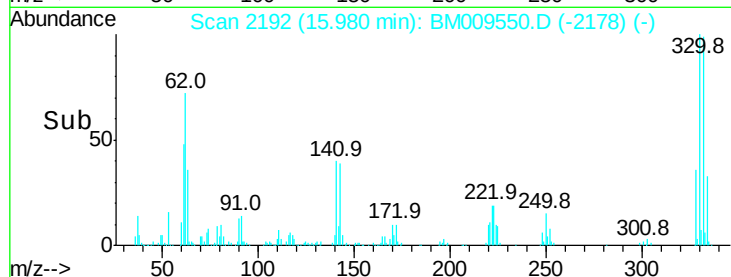
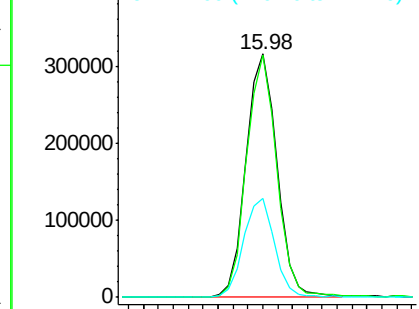
#41
 2,4,6-Tribromophenol
 Concen: 230.68 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009550.D
 Acq: 05 Apr 2017 09:57

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	41.1	0.0	0.0#

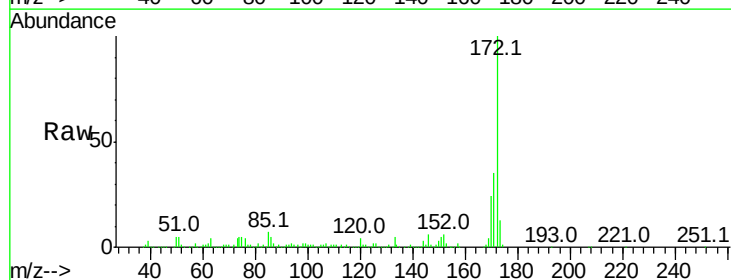


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

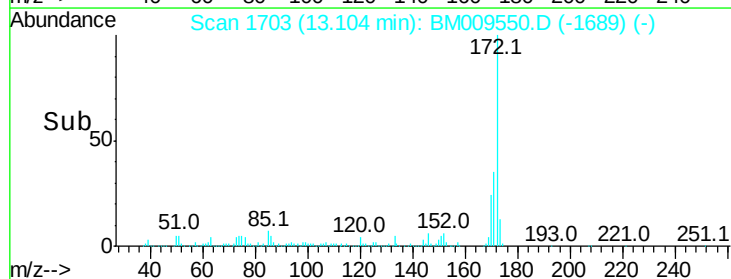
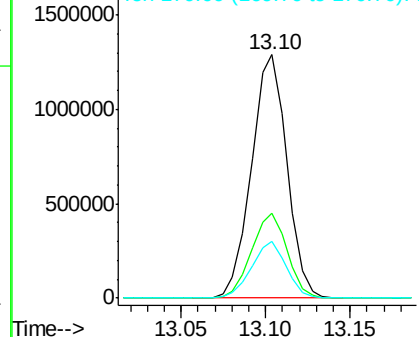


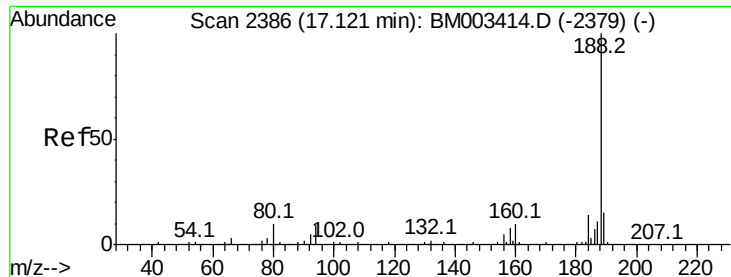
#44
 2-Fluorobiphenyl
 Concen: 142.90 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009550.D
 Acq: 05 Apr 2017 09:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.6	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

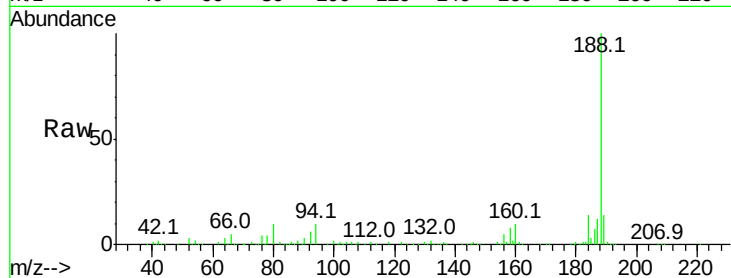




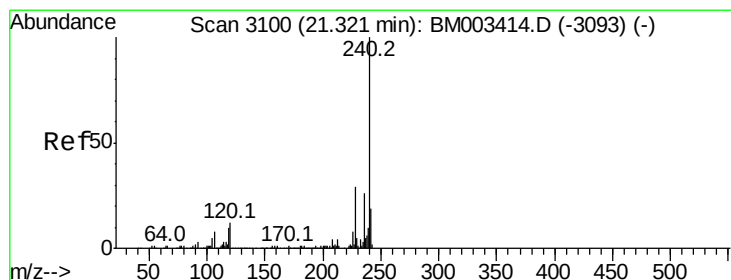
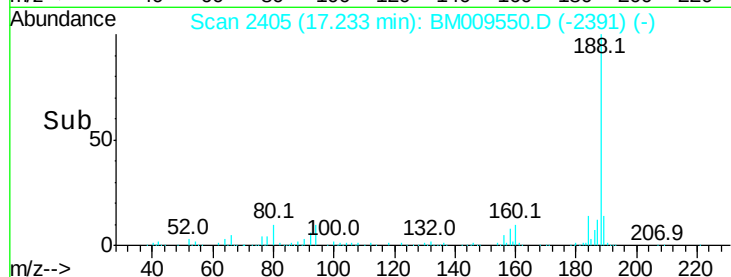
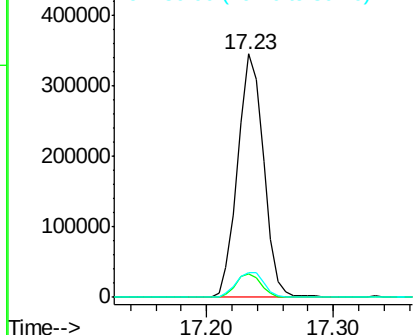
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM009550.D
Acq: 05 Apr 2017 09:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 489471
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.1 9.3 13.9

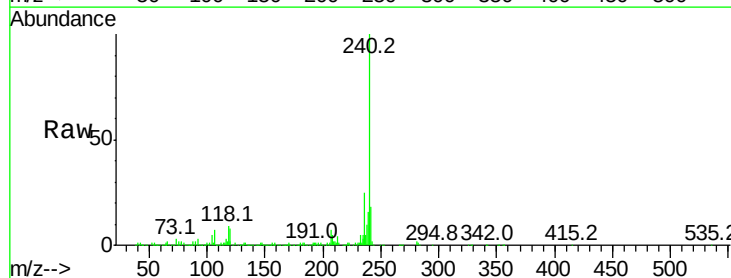


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

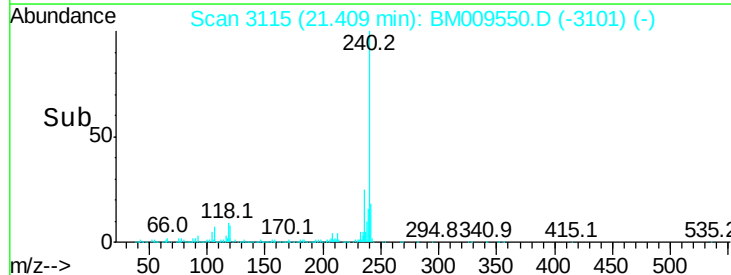
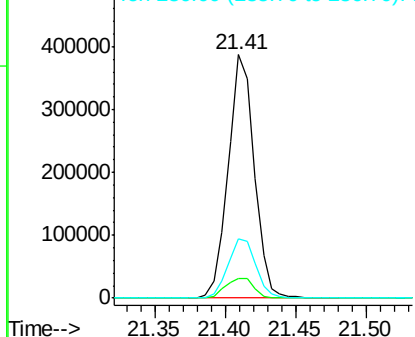


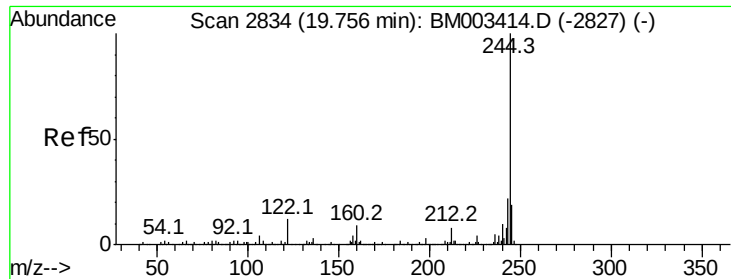
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.41 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BM009550.D
Acq: 05 Apr 2017 09:57

Tgt Ion:240 Resp: 498044
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 24.5 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: 125.28 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009550.D

Acq: 05 Apr 2017 09:57

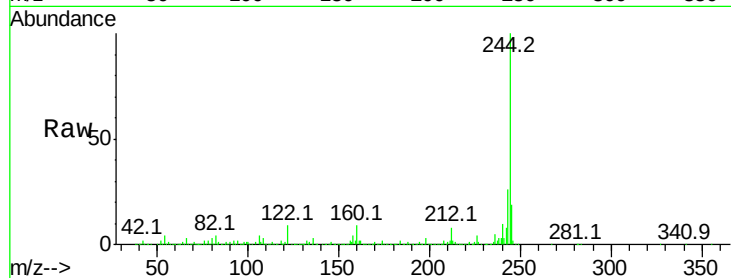
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 2985894

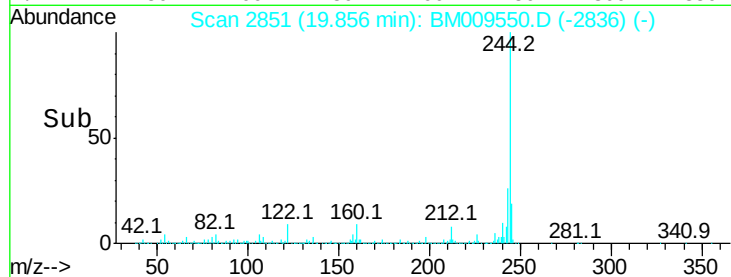
Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	8.8	6.2	9.4



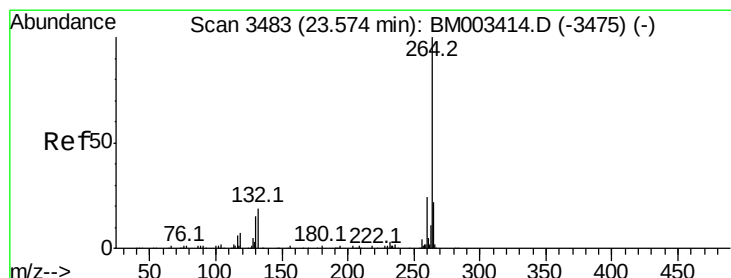
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.73 min Scan# 3510

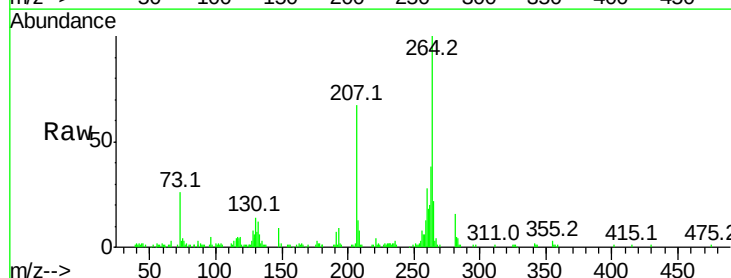
Delta R.T. -0.02 min

Lab File: BM009550.D

Acq: 05 Apr 2017 09:57

Tgt Ion:264 Resp: 141054

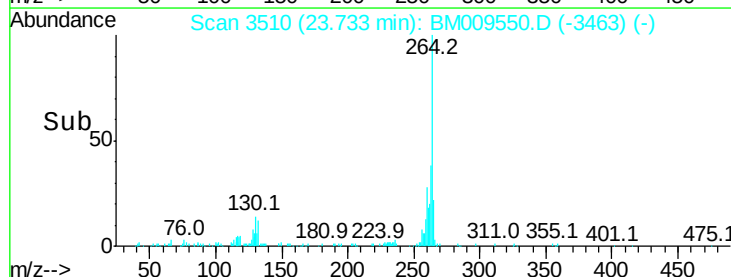
Ion	Ratio	Lower	Upper
264	100		
260	28.5	18.6	27.8#
265	21.6	17.3	25.9



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



Time-->