

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009456.D
 Acq On : 30 Mar 2017 18:21
 Operator : SJ/MA
 Sample : I2445-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 032717-PRRT-F-U-M

Quant Time: Mar 31 08:49:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

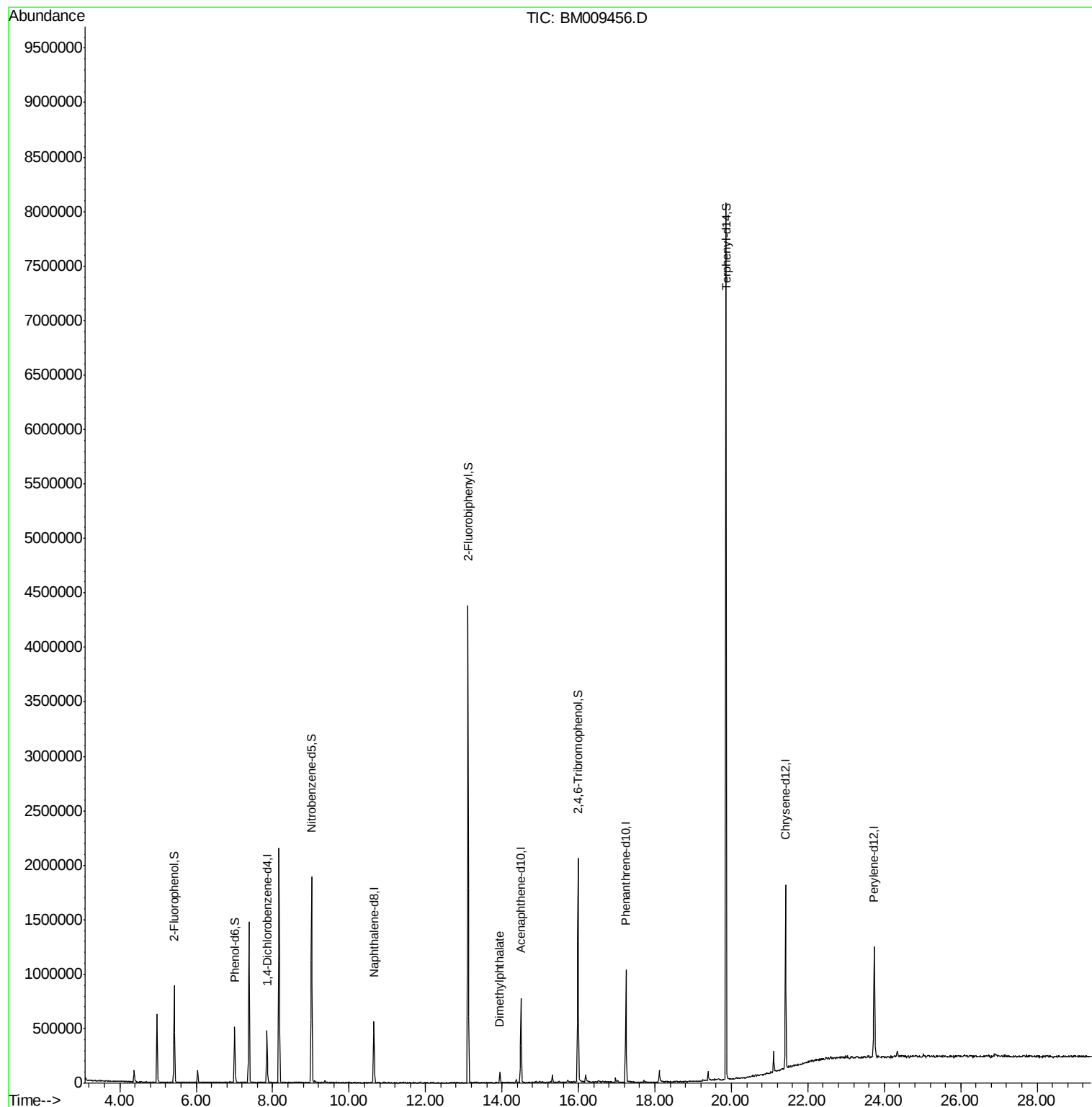
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	105882	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	404577	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	232300	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	561740	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	767628	20.00	ng	-0.01
86) Perylene-d12	23.74	264	746844	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	284628	44.81	ng	-0.01
7) Phenol-d6	7.00	99	233502	26.96	ng	-0.02
23) Nitrobenzene-d5	9.02	82	1033605	95.79	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	311096	107.80	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1941479	100.71	ng	-0.01
78) Terphenyl-d14	19.86	244	3142378	85.54	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.95	163	56466	3.17	ng	Qvalue # 95

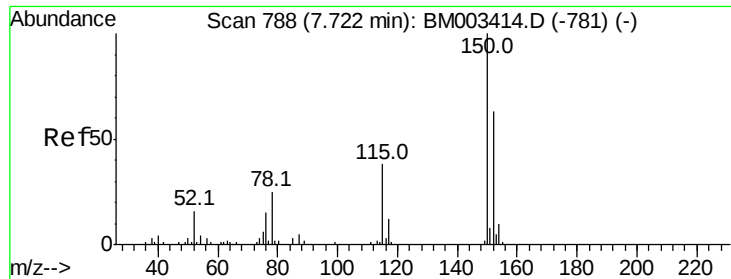
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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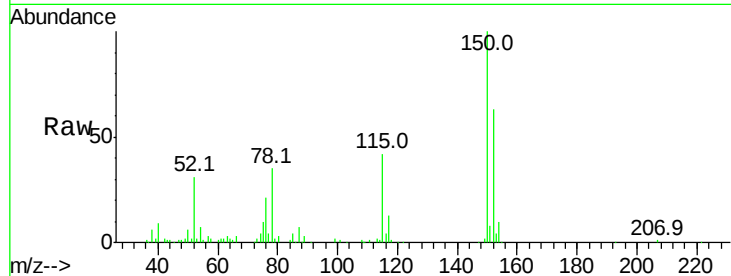


#1

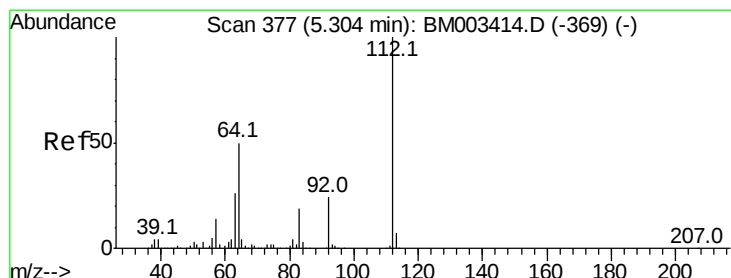
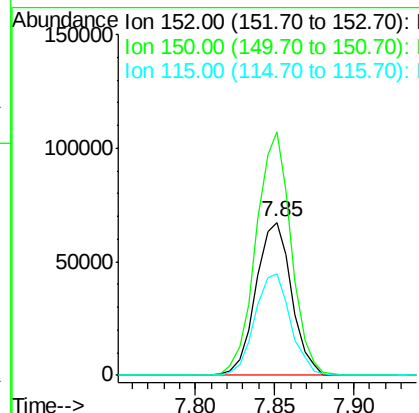
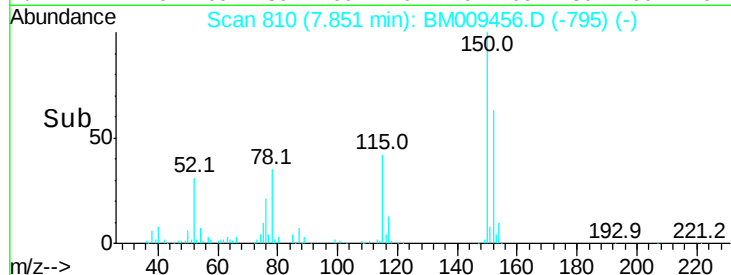
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009456.D
Acq: 30 Mar 2017 18:21

Instrument :
BNA_M
ClientSampleId :
032717-PRRT-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	66.3	43.0	64.4#



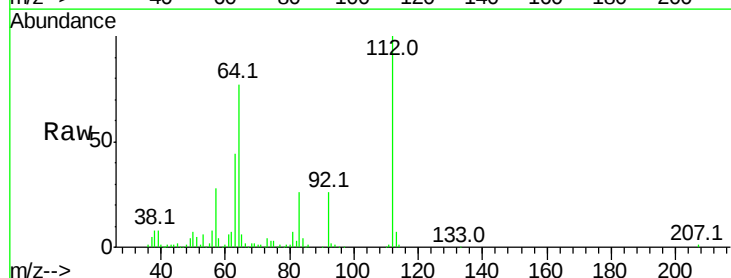
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



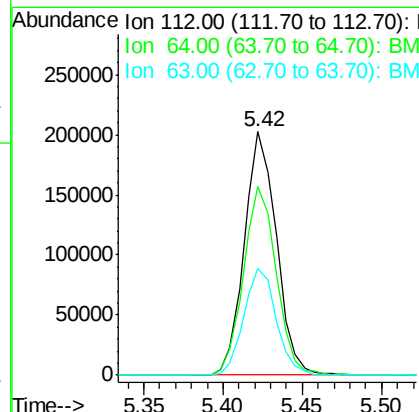
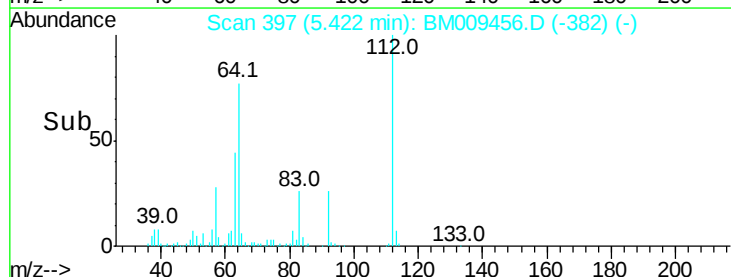
#5

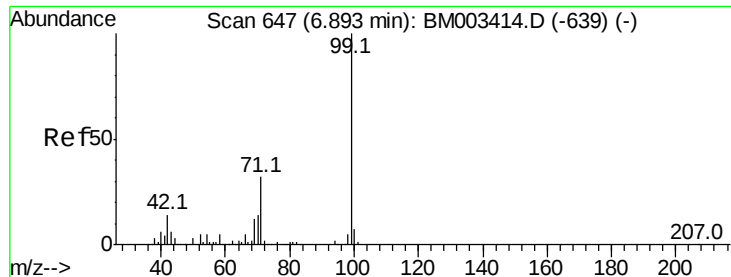
2-Fluorophenol
Concen: 44.81 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009456.D
Acq: 30 Mar 2017 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	38.6	57.8#
63	43.7	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: 26.96 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009456.D

Acq: 30 Mar 2017 18:21

Instrument :

BNA_M

ClientSampleId :

032717-PRRT-F-U-M

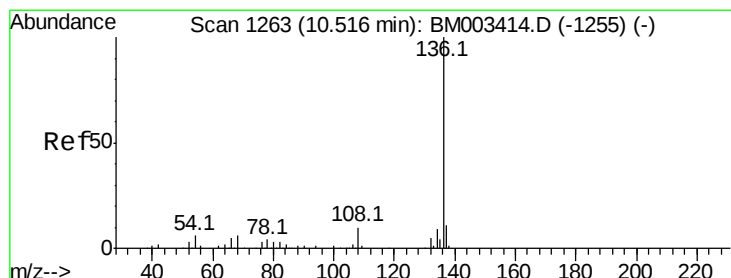
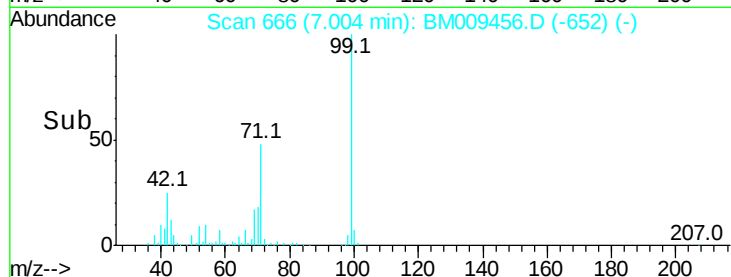
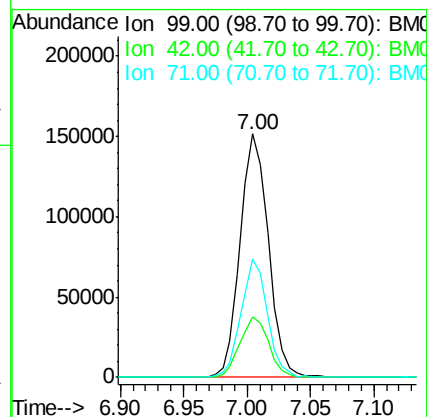
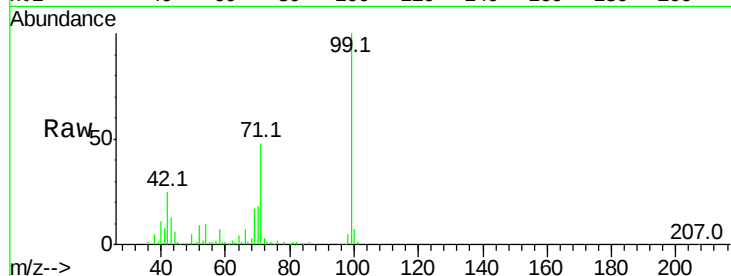
Tot Ion: 99 Resp: 233502

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

71 48.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009456.D

Acq: 30 Mar 2017 18:21

Tgt Ion: 136 Resp: 404577

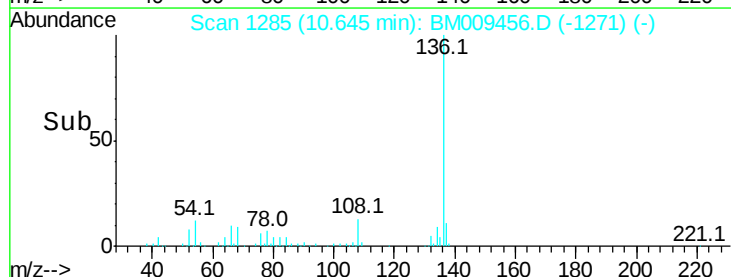
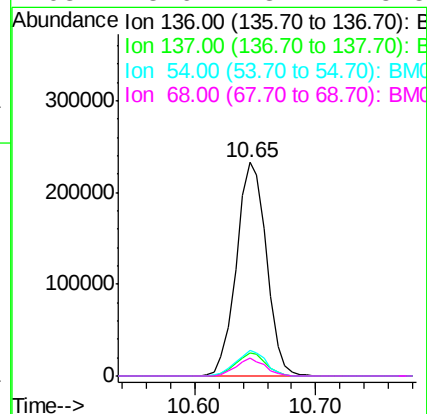
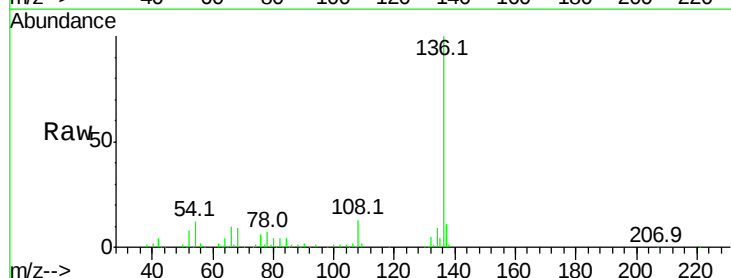
Ion Ratio Lower Upper

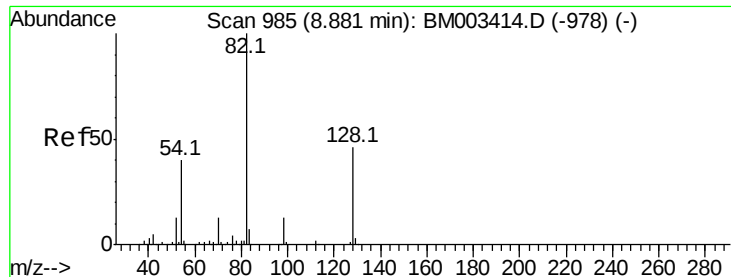
136 100

137 10.7 8.7 13.1

54 11.9 4.6 6.8#

68 8.6 3.7 5.5#

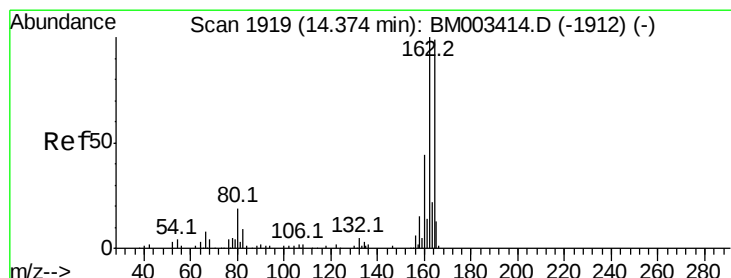
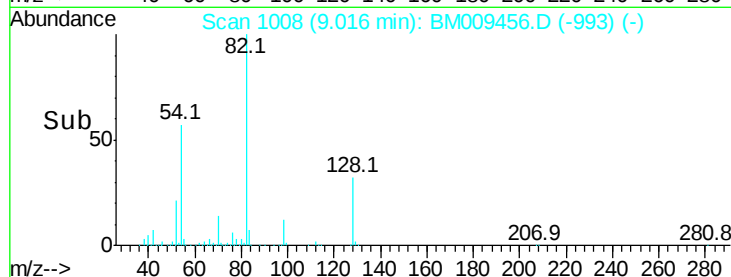
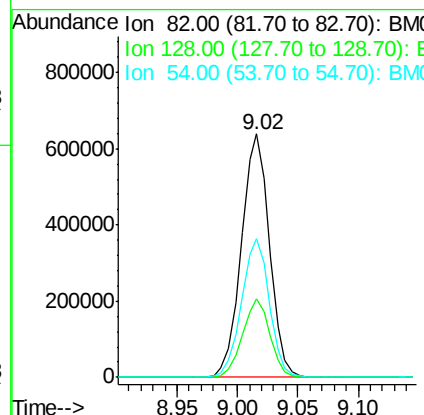
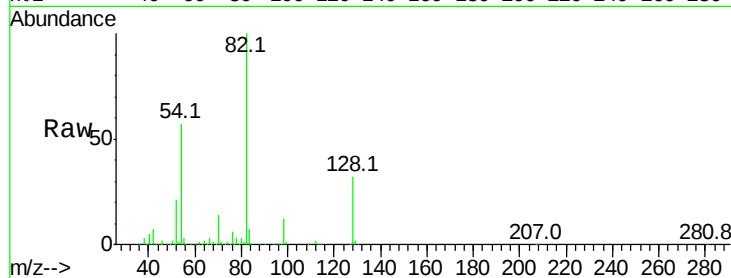




#23
 Nitrobenzene-d5
 Concen: 95.79 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009456.D
 Acq: 30 Mar 2017 18:21

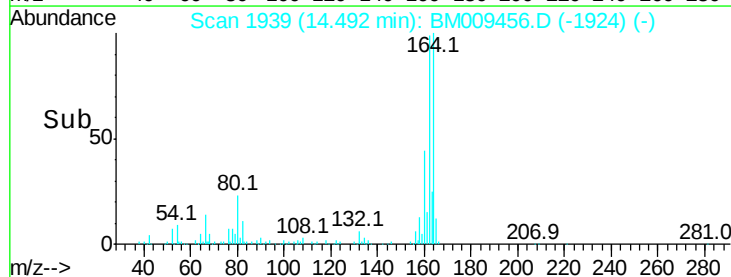
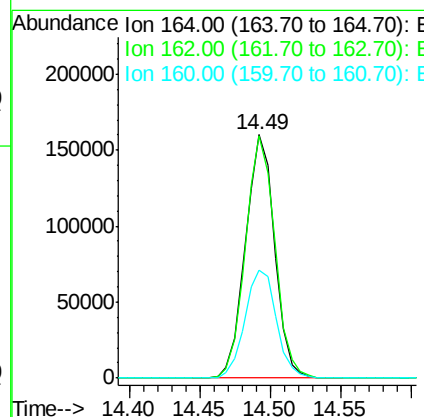
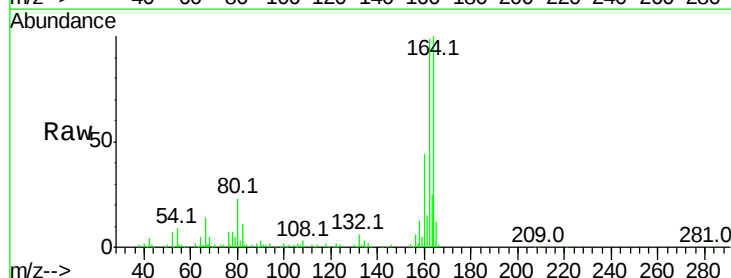
Instrument :
 BNA_M
 ClientSampleId :
 032717-PRRT-F-U-M

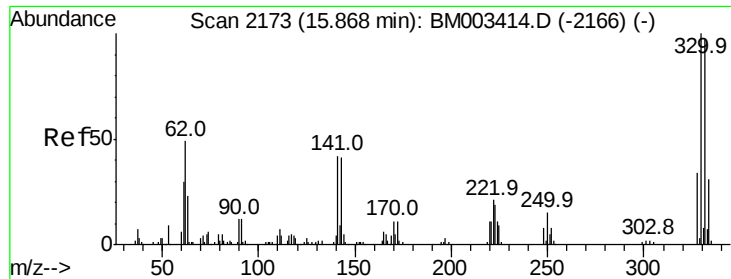
Tot Ion: 82 Resp: 1033605
 Ion Ratio Lower Upper
 82 100
 128 32.2 32.8 49.2#
 54 56.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009456.D
 Acq: 30 Mar 2017 18:21

Tgt Ion: 164 Resp: 232300
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.4 123.6
 160 44.4 35.8 53.6

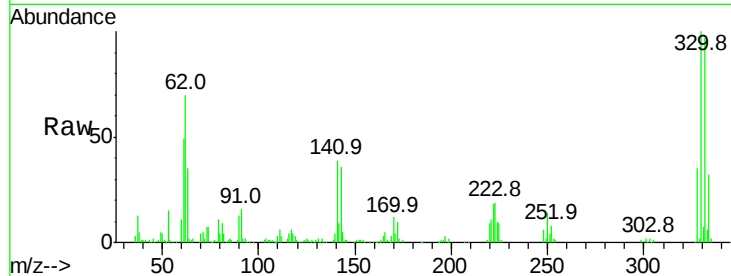




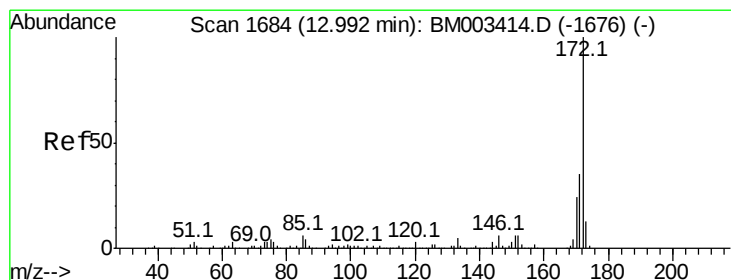
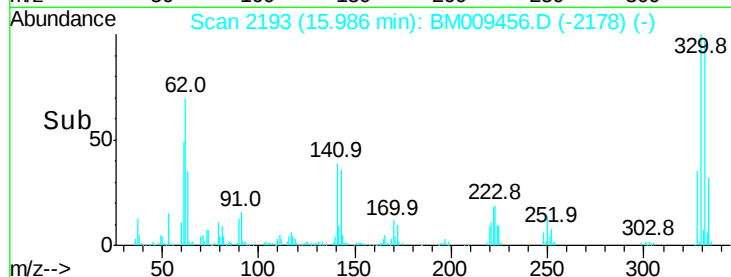
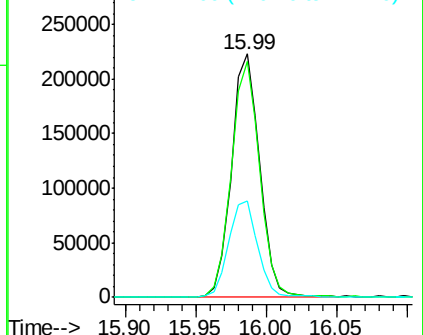
#41
 2,4,6-Tribromophenol
 Concen: 107.80 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009456.D
 Acq: 30 Mar 2017 18:21

Instrument :
 BNA_M
 ClientSampleId :
 032717-PRRT-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	41.0	0.0	0.0#

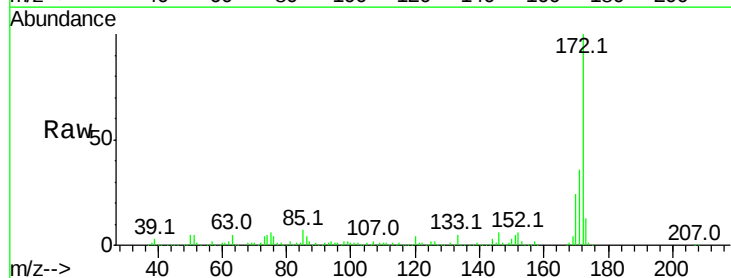


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

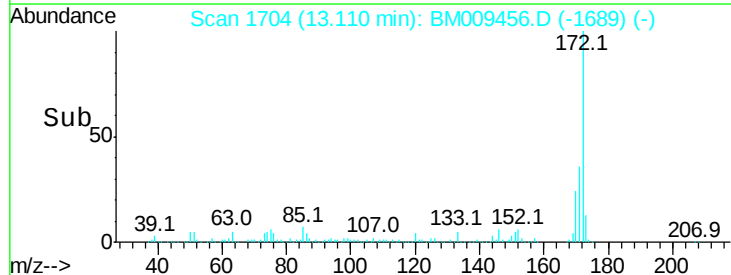
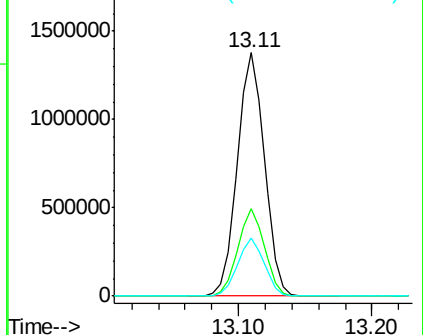


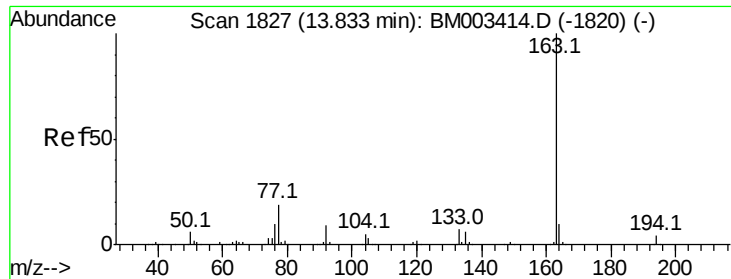
#44
 2-Fluorobiphenyl
 Concen: 100.71 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009456.D
 Acq: 30 Mar 2017 18:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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





#49

Dimethylphthalate

Concen: 3.17 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009456.D

Acq: 30 Mar 2017 18:21

Instrument :

BNA_M

ClientSampleId :

032717-PRRT-F-U-M

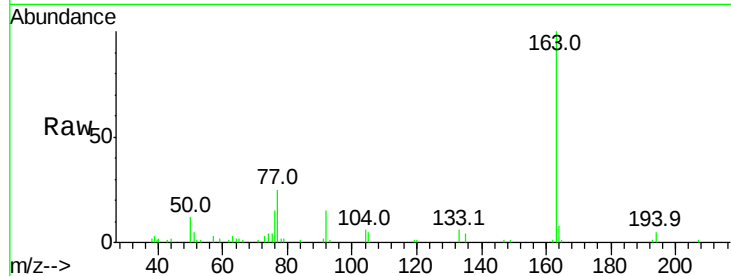
Tot Ion:163 Resp: 56466

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

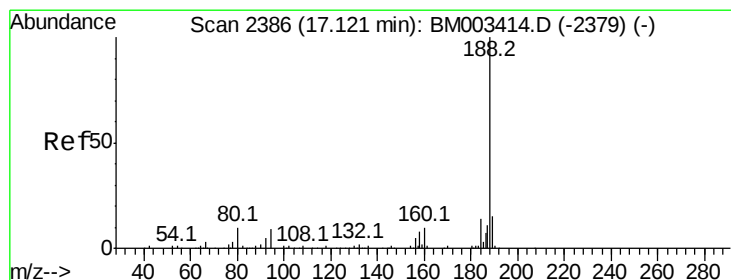
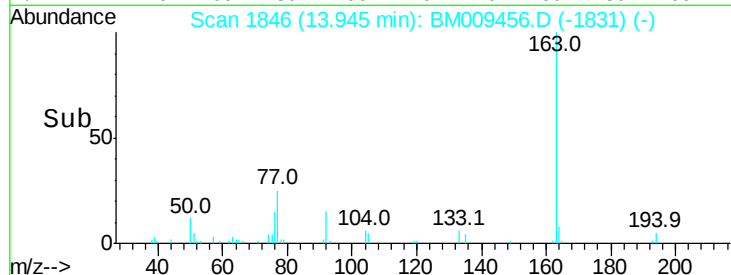
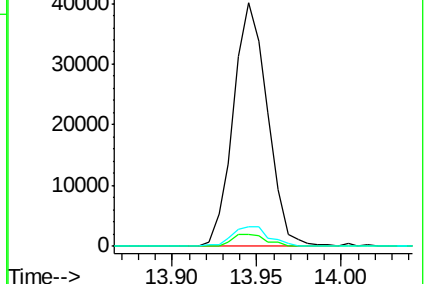
164 8.1 8.2 12.2#



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: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009456.D

Acq: 30 Mar 2017 18:21

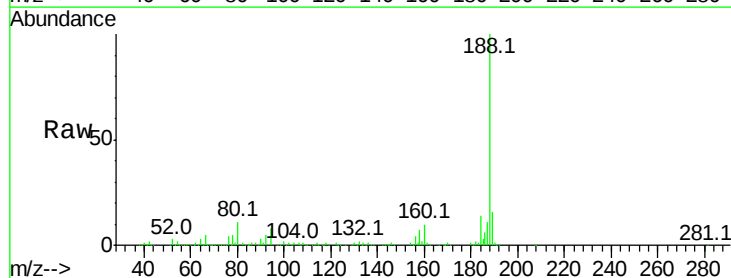
Tgt Ion:188 Resp: 561740

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

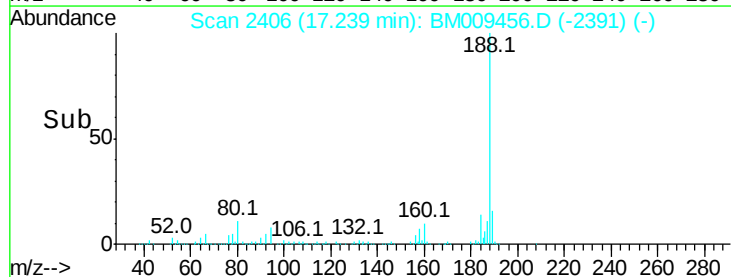
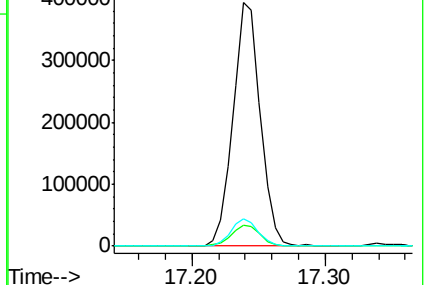
80 11.3 9.3 13.9

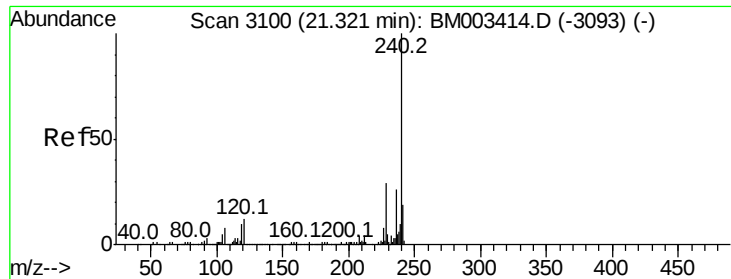


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009456.D

Acq: 30 Mar 2017 18:21

Instrument :

BNA_M

ClientSampleId :

032717-PRRT-F-U-M

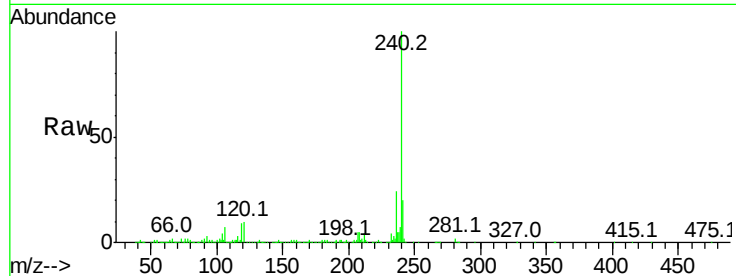
Tot Ion:240 Resp: 767628

Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

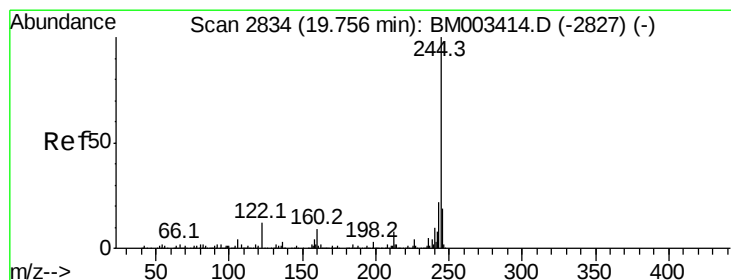
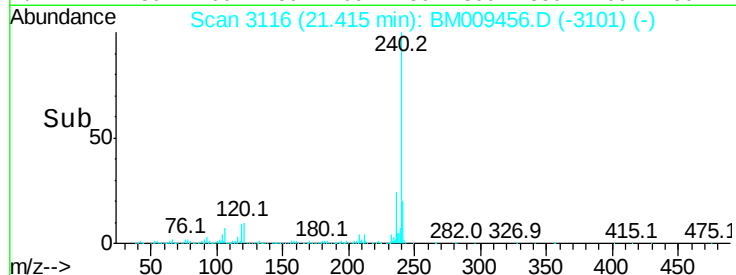
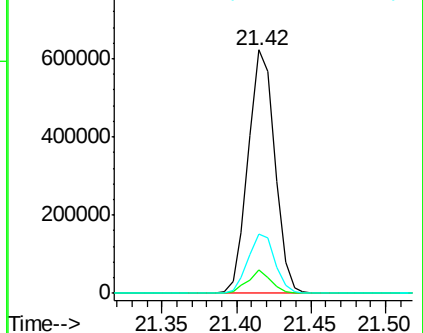
236 24.3 20.0 30.0



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: 85.54 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009456.D

Acq: 30 Mar 2017 18:21

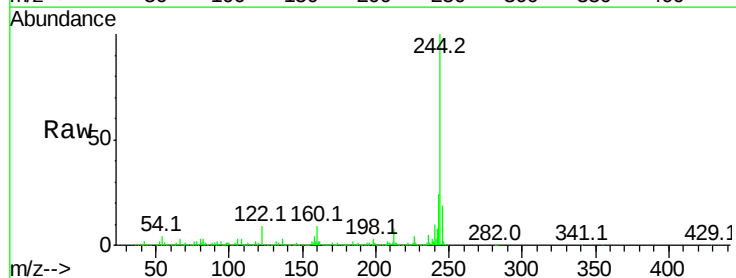
Tgt Ion:244 Resp: 3142378

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

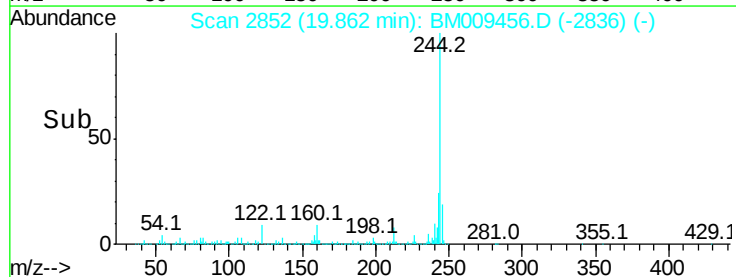
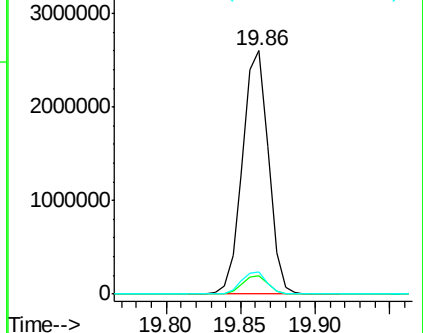
122 9.0 6.2 9.4

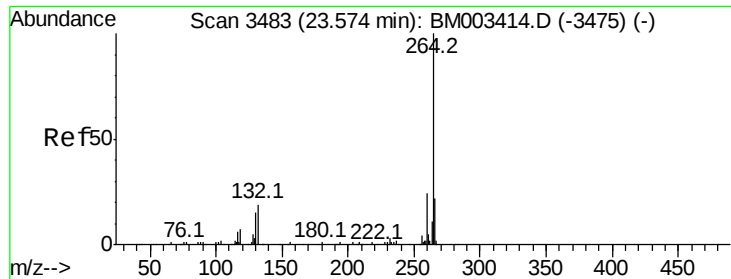


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009456.D
Acq: 30 Mar 2017 18:21

Instrument :
BNA_M
ClientSampleId :
032717-PRRT-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	21.4	17.3	25.9

