

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009455.D
 Acq On : 30 Mar 2017 17:45
 Operator : SJ/MA
 Sample : I2445-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 31 08:48:40 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

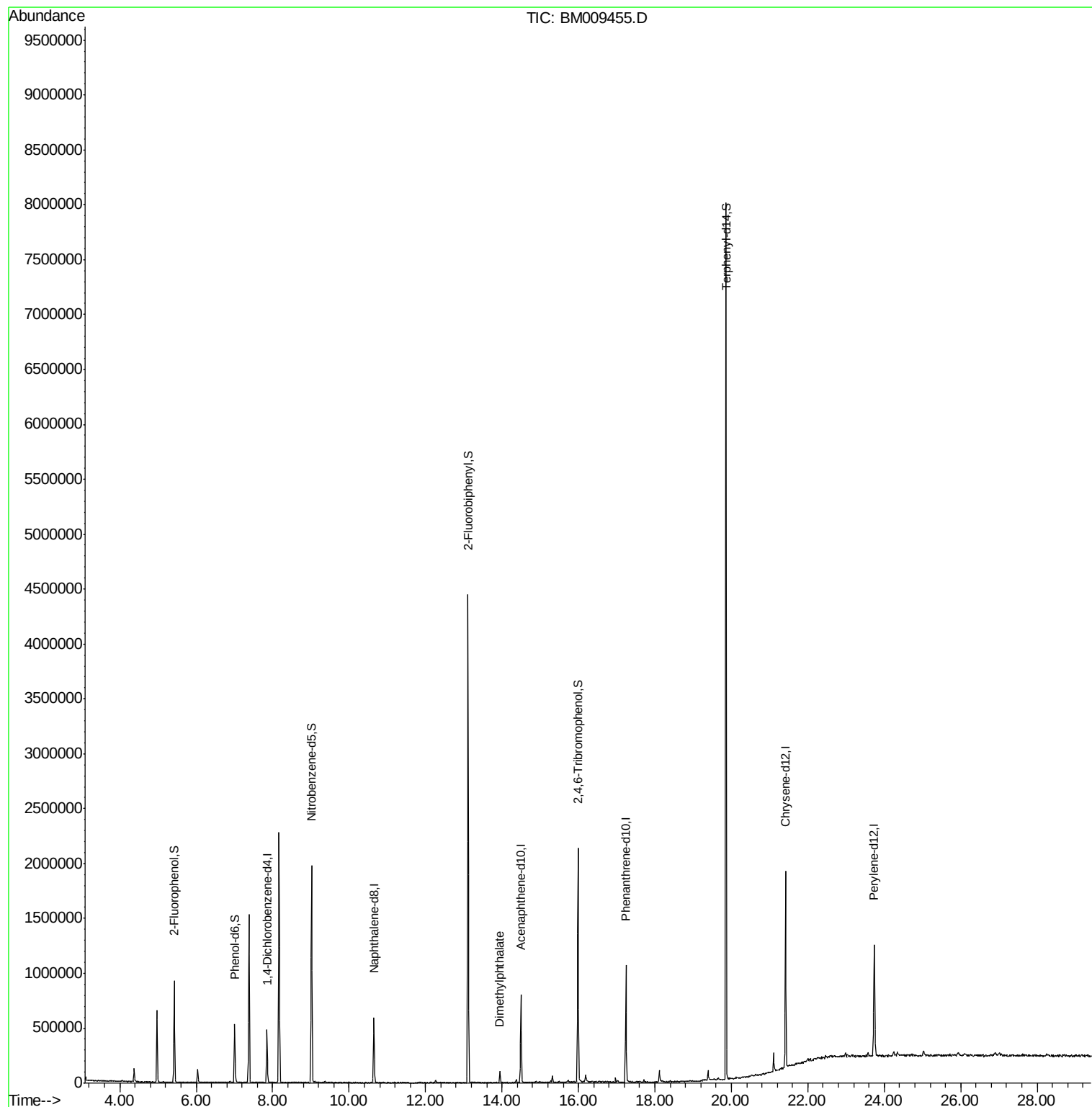
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	111129	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	415522	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	240596	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	585155	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	815793	20.00	ng	-0.01
86) Perylene-d12	23.74	264	782949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	306088	45.91	ng	-0.01
7) Phenol-d6	7.00	99	251175	27.63	ng	-0.02
23) Nitrobenzene-d5	9.02	82	1084418	97.85	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	328800	110.01	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2008364	100.58	ng	-0.01
78) Terphenyl-d14	19.86	244	3281805	84.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.95	163	55399	3.00	ng	Qvalue # 96

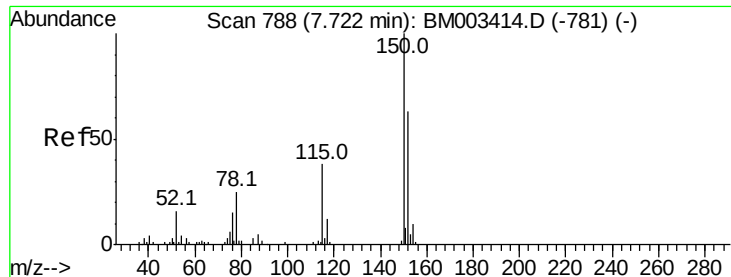
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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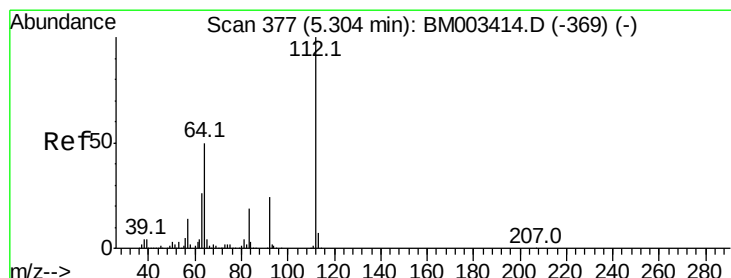
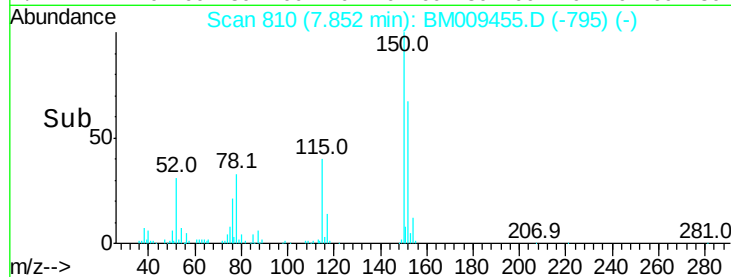
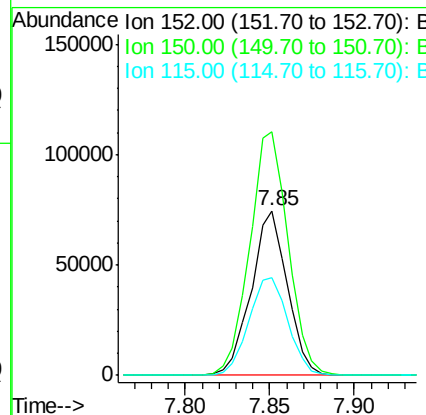
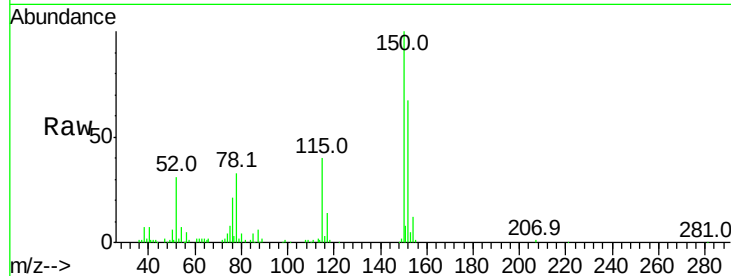


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009455.D
Acq: 30 Mar 2017 17:45

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

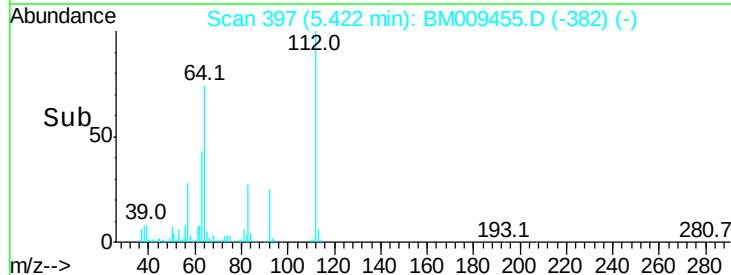
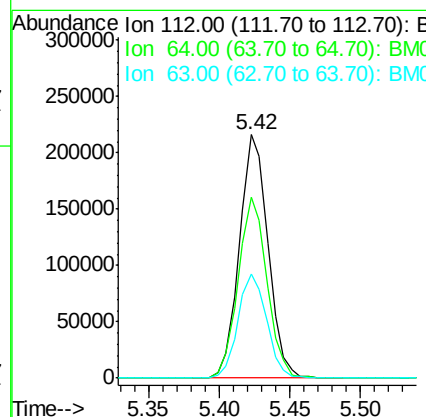
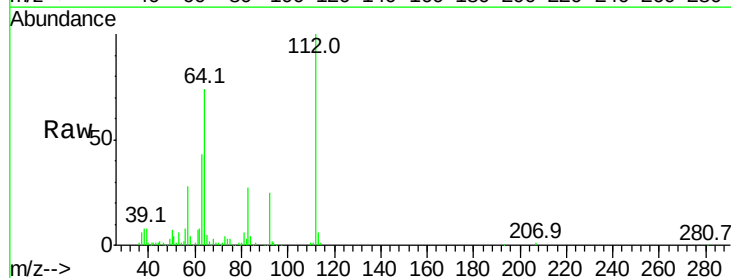
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	59.4	43.0	64.4

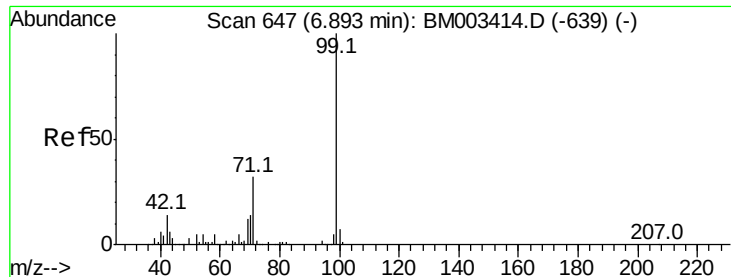


#5

2-Fluorophenol
Concen: 45.91 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009455.D
Acq: 30 Mar 2017 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	38.6	57.8#
63	42.9	19.3	28.9#





#7

Phenol-d6

Concen: 27.63 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009455.D

Acq: 30 Mar 2017 17:45

Instrument :

BNA_M

ClientSampleId :

032717-PRRT-F-D-M

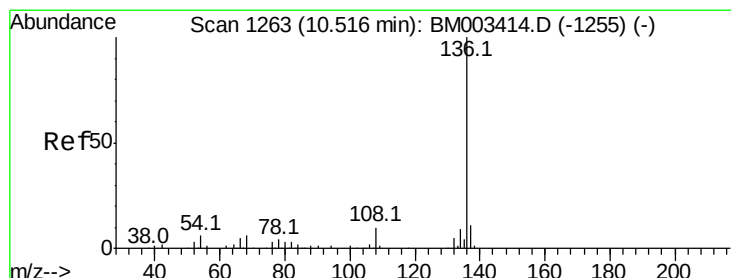
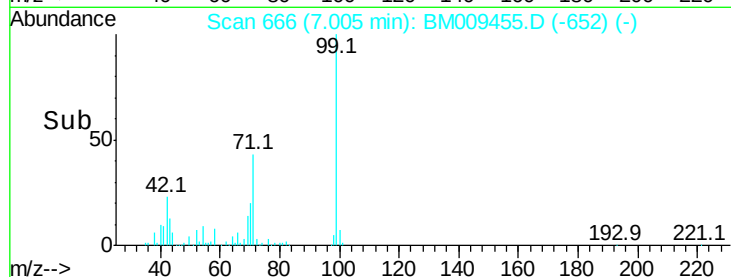
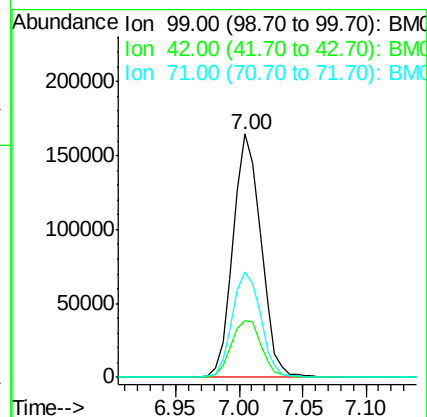
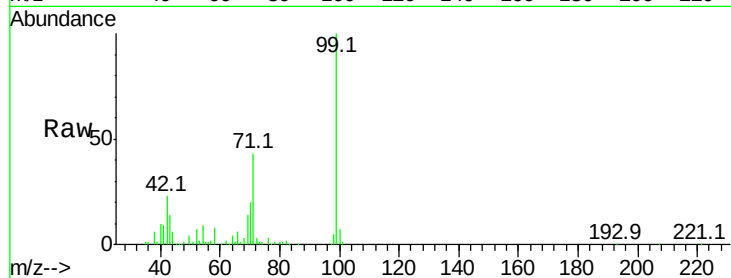
Tot Ion: 99 Resp: 251175

Ion Ratio Lower Upper

99 100

42 23.4 11.0 16.4#

71 43.3 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: BM009455.D

Acq: 30 Mar 2017 17:45

Tgt Ion: 136 Resp: 415522

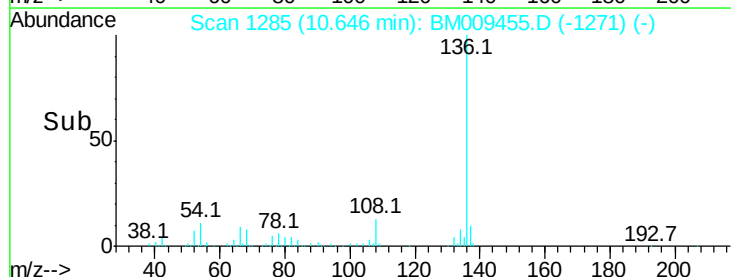
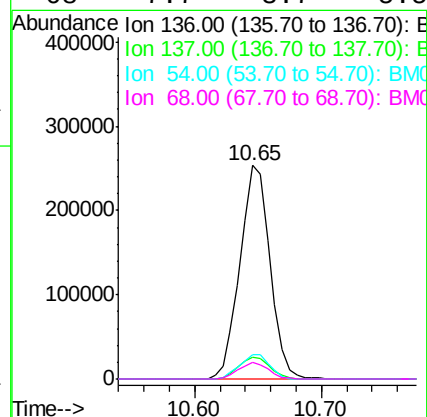
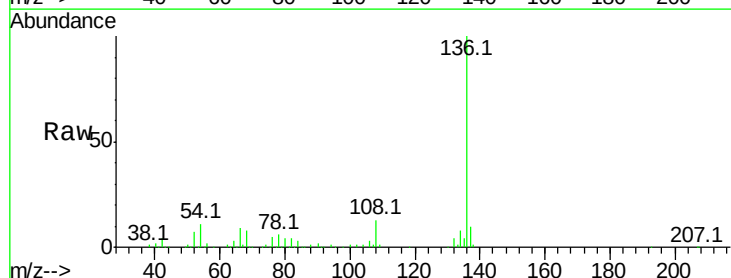
Ion Ratio Lower Upper

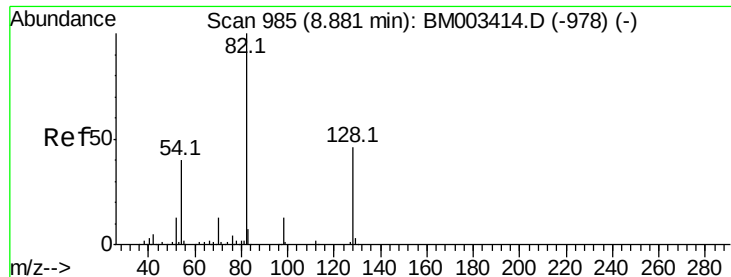
136 100

137 10.1 8.7 13.1

54 11.5 4.6 6.8#

68 7.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 97.85 ng

RT: 9.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM009455.D

Acq: 30 Mar 2017 17:45

Instrument :

BNA_M

ClientSampleId :

032717-PRRT-F-D-M

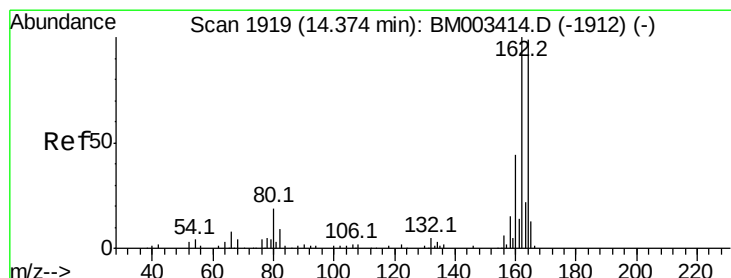
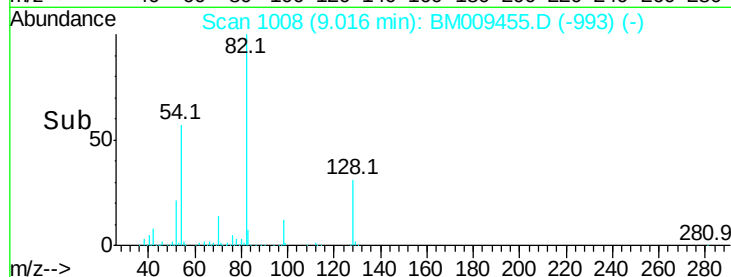
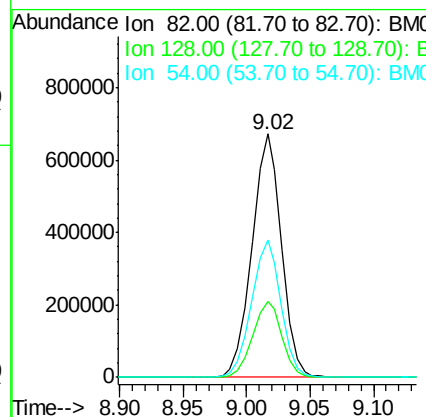
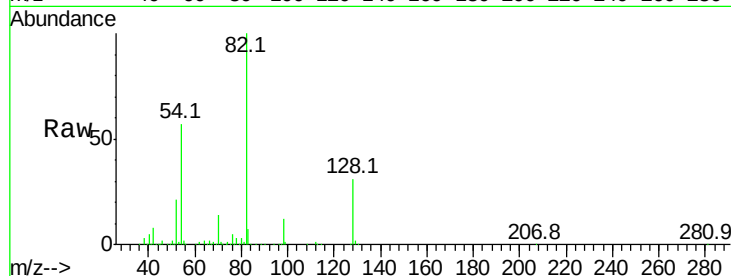
Tot Ion: 82 Resp: 1084418

Ion Ratio Lower Upper

82 100

128 31.1 32.8 49.2#

54 56.6 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: BM009455.D

Acq: 30 Mar 2017 17:45

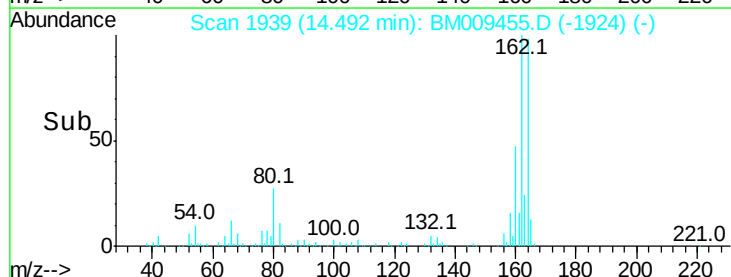
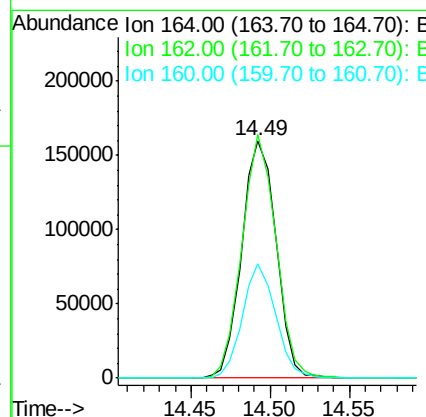
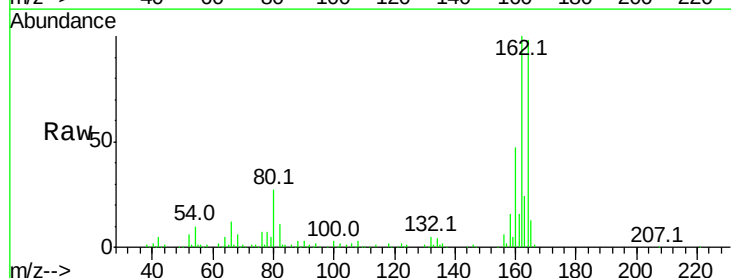
Tgt Ion: 164 Resp: 240596

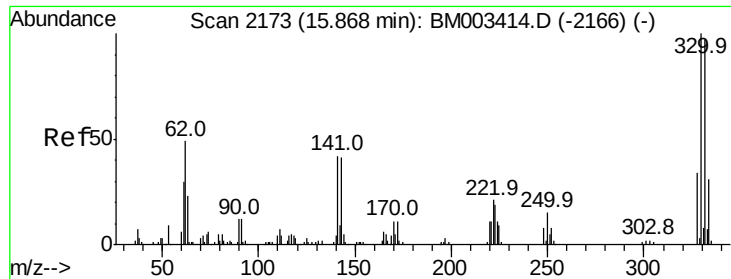
Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

160 48.1 35.8 53.6

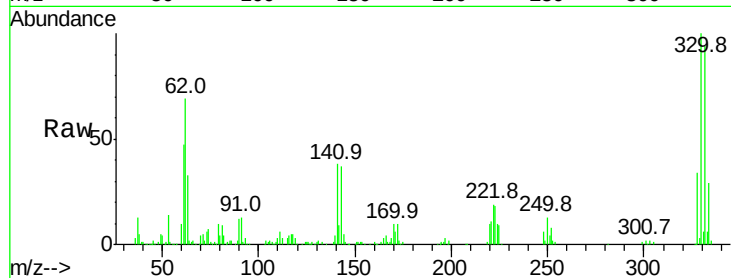




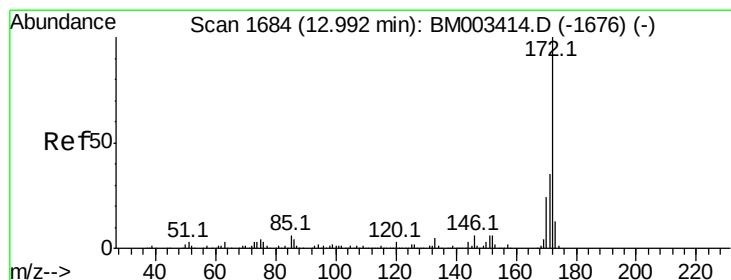
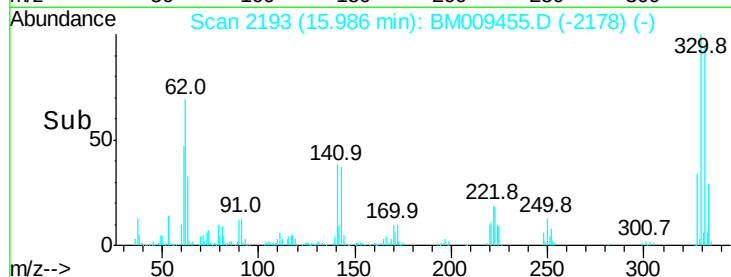
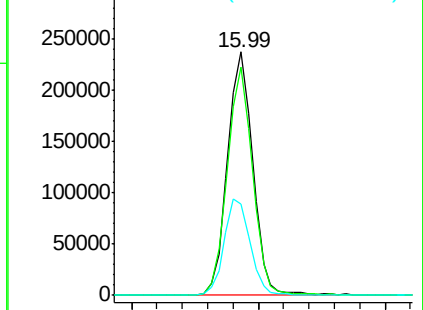
#41
 2,4,6-Tribromophenol
 Concen: 110.01 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009455.D
 Acq: 30 Mar 2017 17:45

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

Tot Ion:330 Resp: 328800
 Ion Ratio Lower Upper
 330 100
 332 93.8 0.0 0.0#
 141 41.0 0.0 0.0#

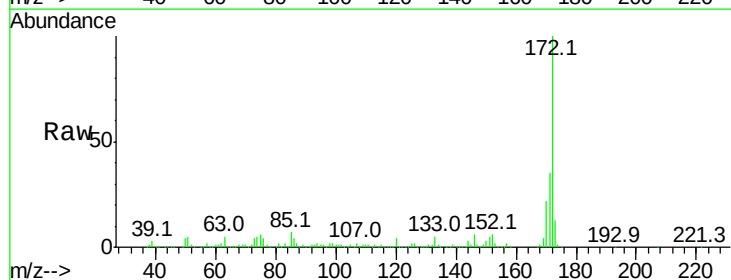


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

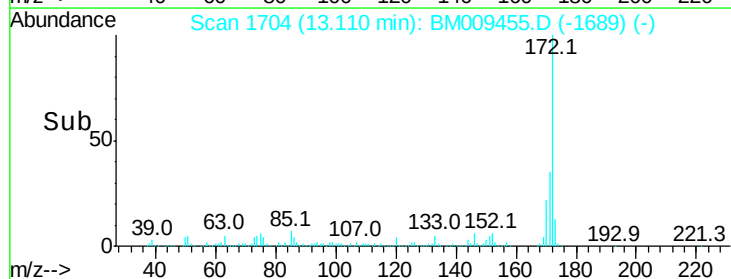
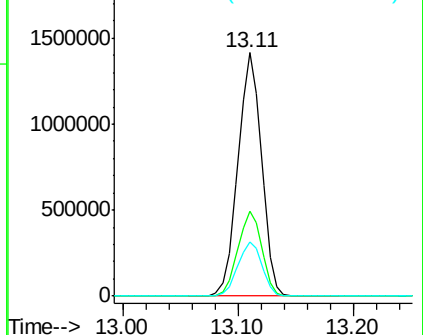


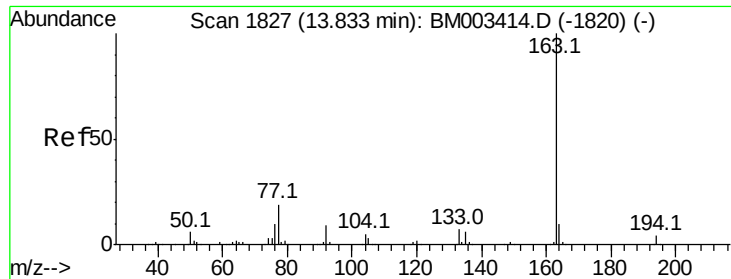
#44
 2-Fluorobiphenyl
 Concen: 100.58 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009455.D
 Acq: 30 Mar 2017 17:45

Tgt Ion:172 Resp: 2008364
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.4 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: 3.00 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009455.D

Acq: 30 Mar 2017 17:45

Instrument :

BNA_M

ClientSampleId :

032717-PRRT-F-D-M

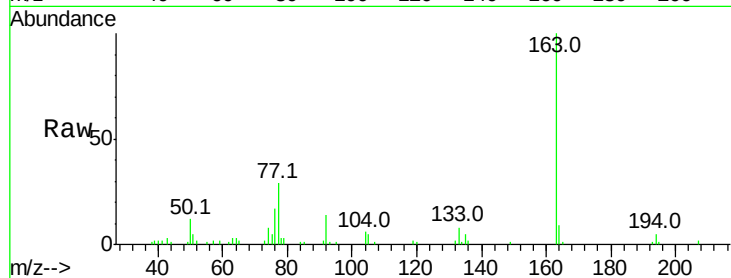
Tot Ion:163 Resp: 55399

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

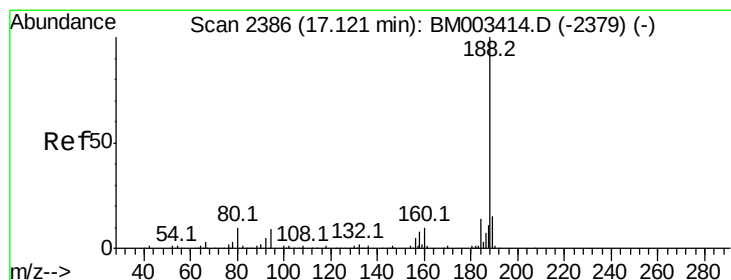
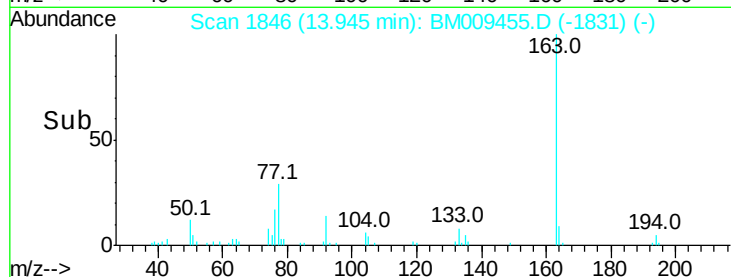
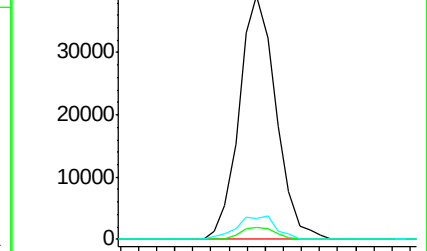
164 8.7 8.2 12.2



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: BM009455.D

Acq: 30 Mar 2017 17:45

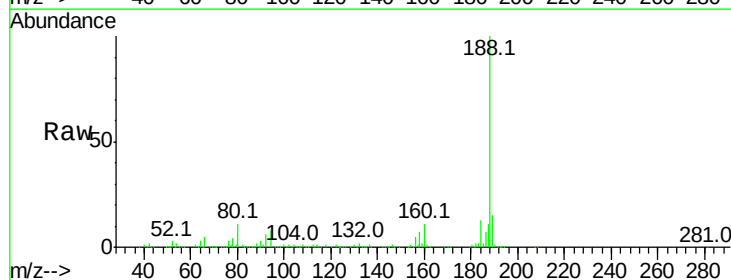
Tgt Ion:188 Resp: 585155

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

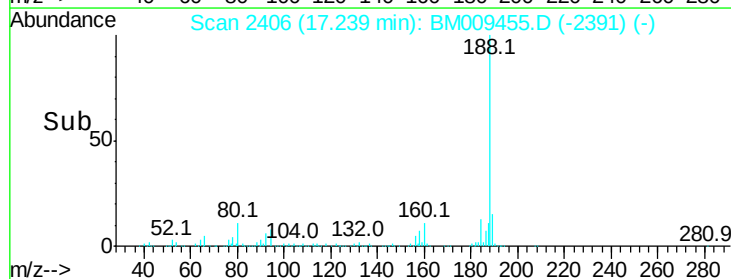
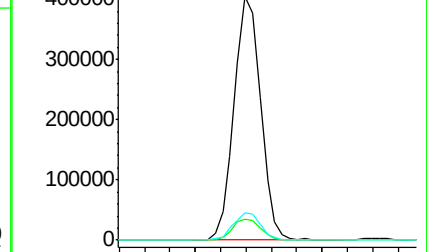
80 11.4 9.3 13.9

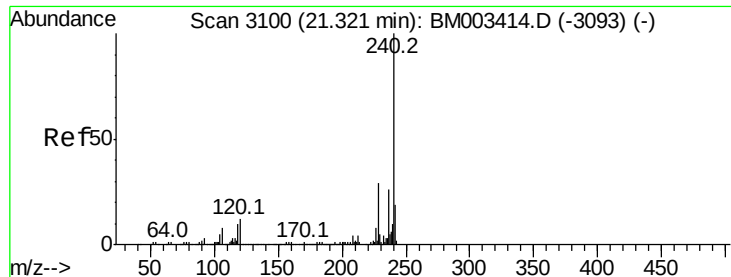


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM009455.D

Acq: 30 Mar 2017 17:45

Instrument :

BNA_M

ClientSampleId :

032717-PRRT-F-D-M

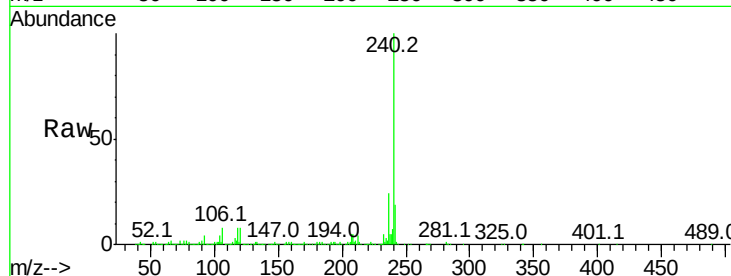
Tot Ion:240 Resp: 815793

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

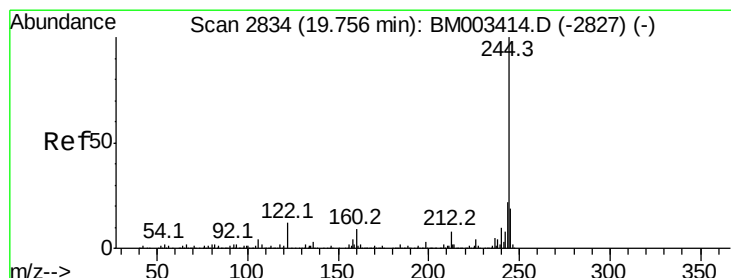
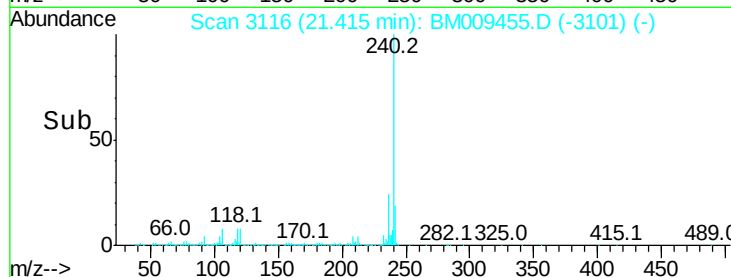
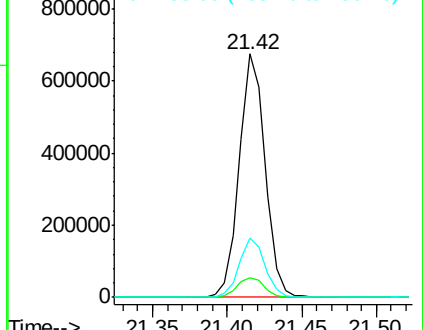
236 24.5 20.0 30.0



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: 84.06 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009455.D

Acq: 30 Mar 2017 17:45

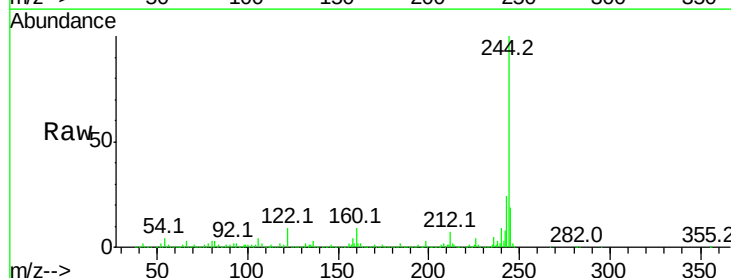
Tgt Ion:244 Resp: 3281805

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

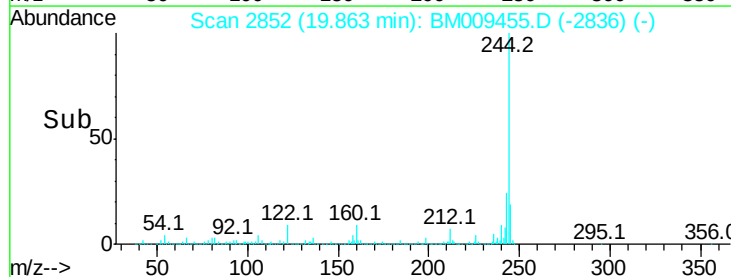
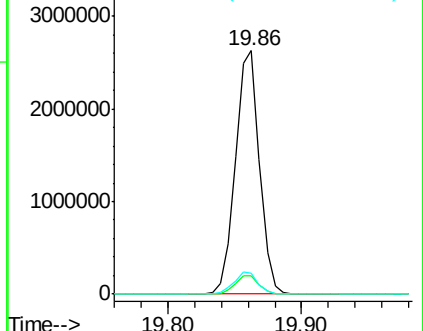
122 8.6 6.2 9.4

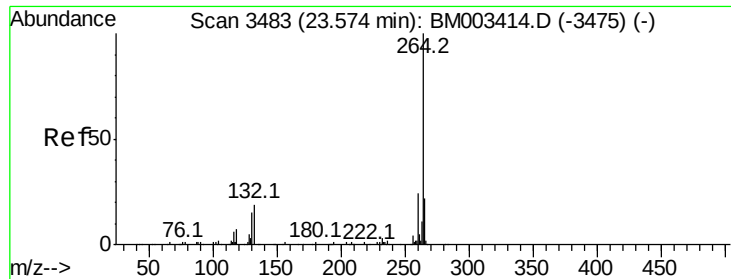


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

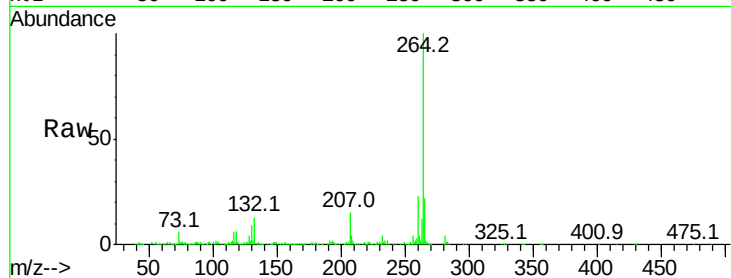




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009455.D
 Acq: 30 Mar 2017 17:45

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.2	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

