

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084251.D
 Acq On : 4 Jan 2016 20:52
 Operator : UM/SJ
 Sample : G4987-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITE

Quant Time: Jan 05 03:23:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

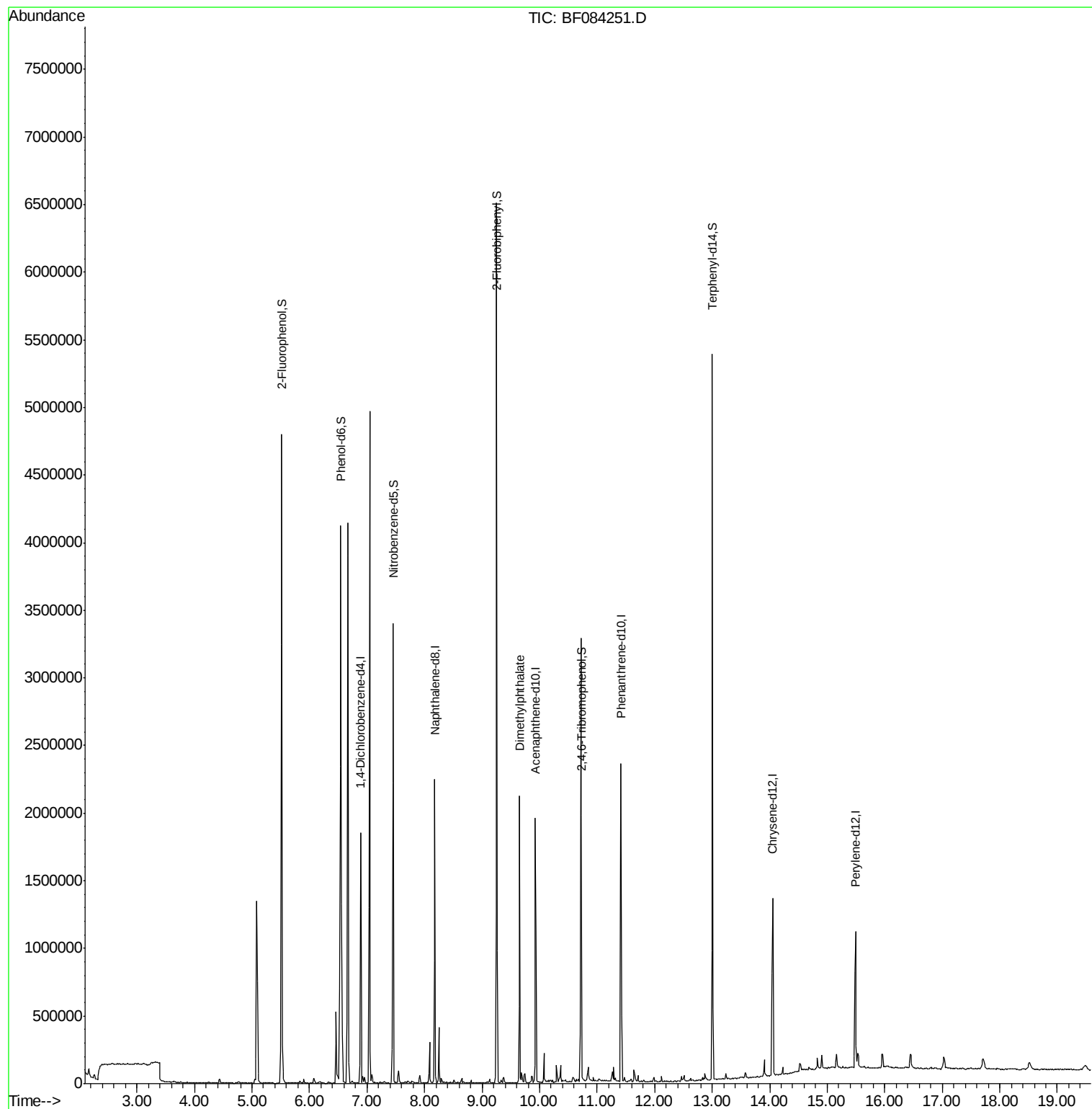
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	244586	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1079878	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	455412	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	793600	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	531456	20.00	ng	-0.01
86) Perylene-d12	15.49	264	518520	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1633109	108.00	ng	0.02
7) Phenol-d6	6.54	99	2059312	108.43	ng	0.01
23) Nitrobenzene-d5	7.46	82	1332867	68.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	496790	108.05	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1889873	72.04	ng	-0.01
78) Terphenyl-d14	13.00	244	1466962	61.61	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.65	163	828112	25.44	ng	Qvalue # 91

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

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Quant Time: Jan 05 03:23:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITE

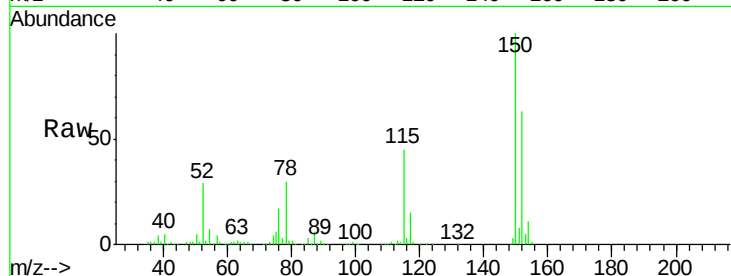
Tot Ion:152 Resp: 244586

Ion Ratio Lower Upper

152 100

150 158.2 123.0 184.4

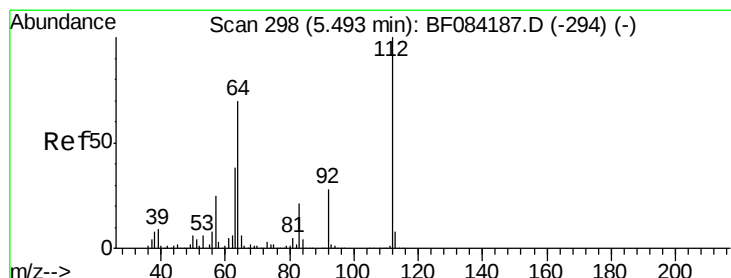
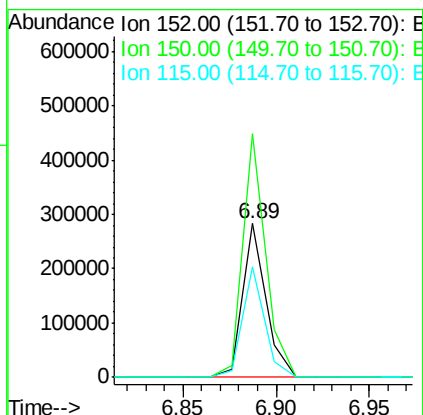
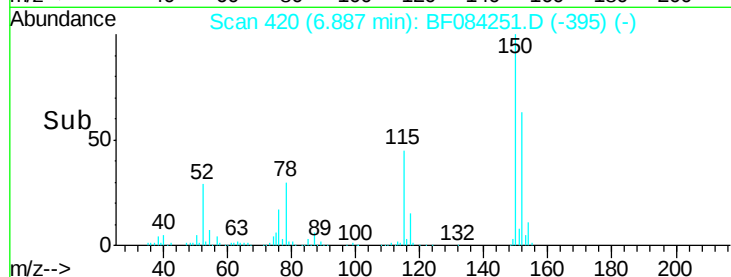
115 71.7 51.4 77.2



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: 108.00 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

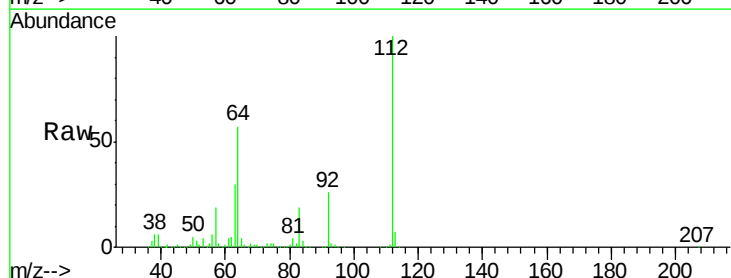
Tgt Ion:112 Resp: 1633109

Ion Ratio Lower Upper

112 100

64 57.3 36.6 55.0#

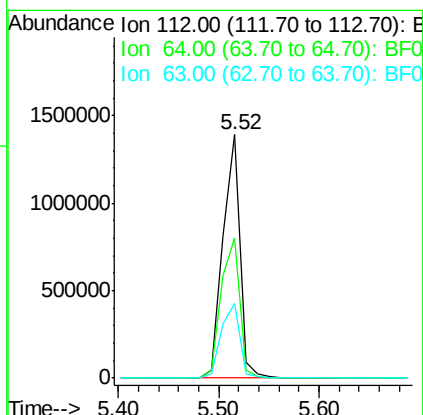
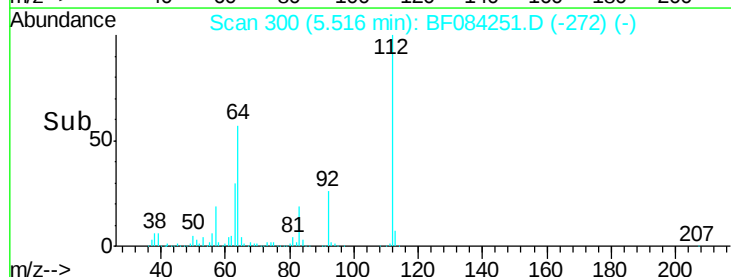
63 30.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.43 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

Instrument :

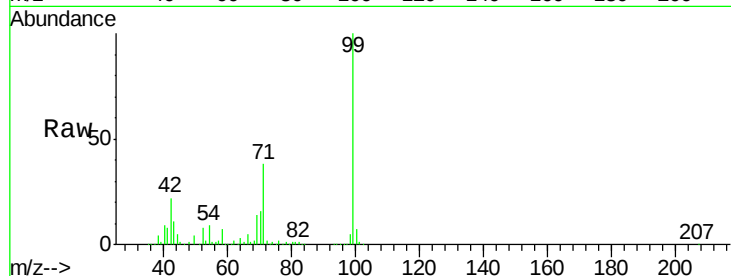
BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITE

Tot Ion: 99 Resp: 2059312

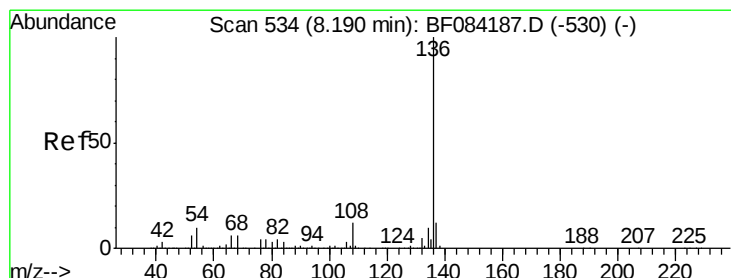
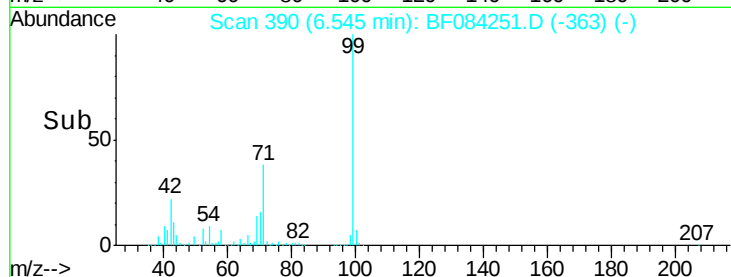
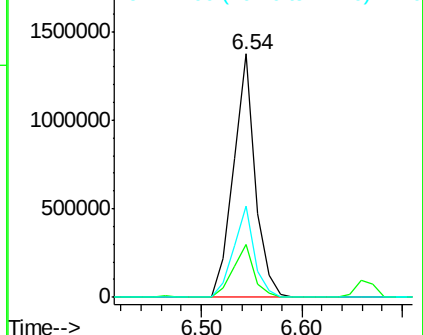
Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	37.5	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

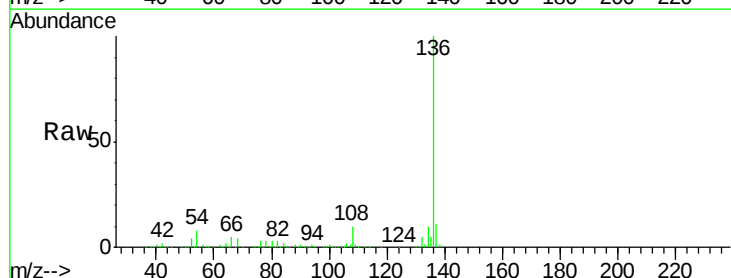
Delta R.T. -0.01 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

Tgt Ion:136 Resp: 1079878

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	5.8	8.8
68	4.4	4.2	6.2

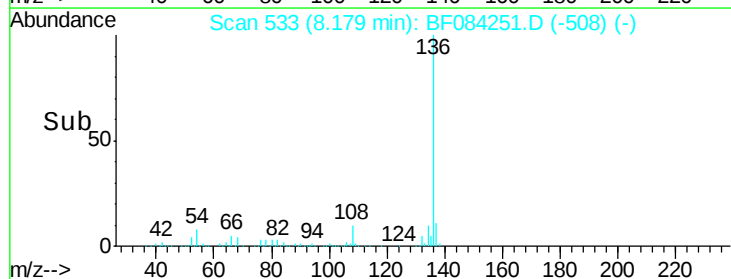
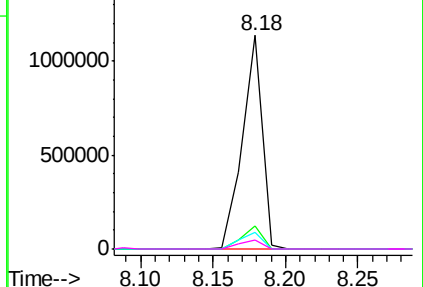


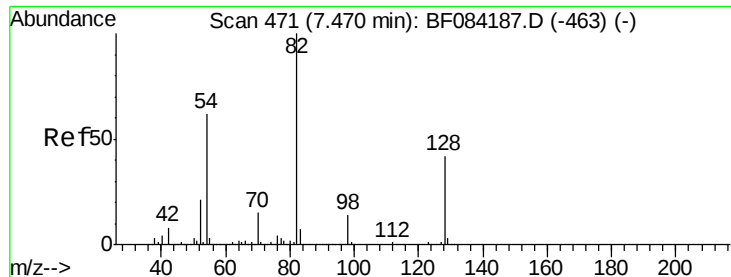
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

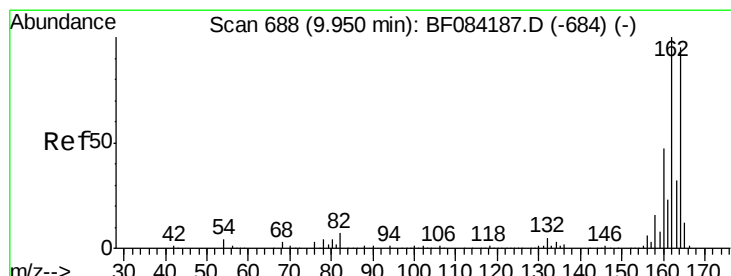
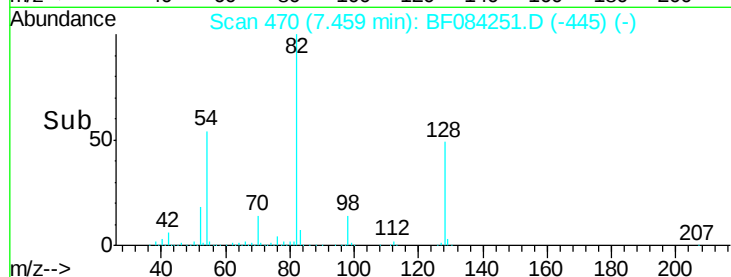
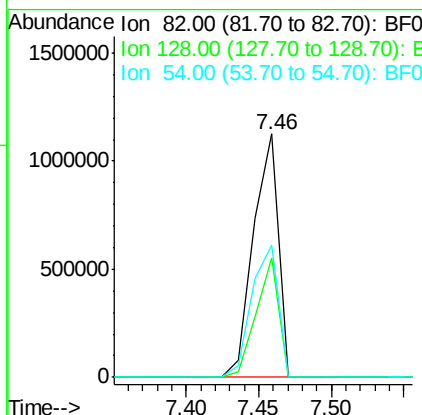
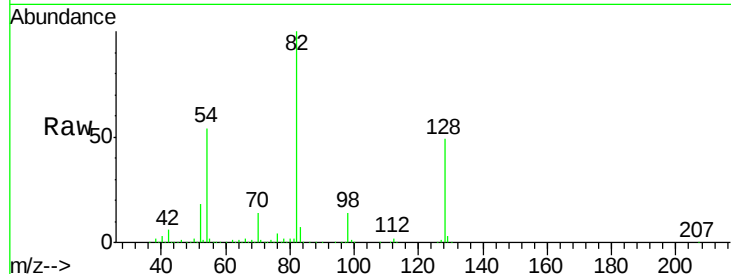




#23
 Nitrobenzene-d5
 Concen: 68.69 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084251.D
 Acq: 4 Jan 2016 20:52

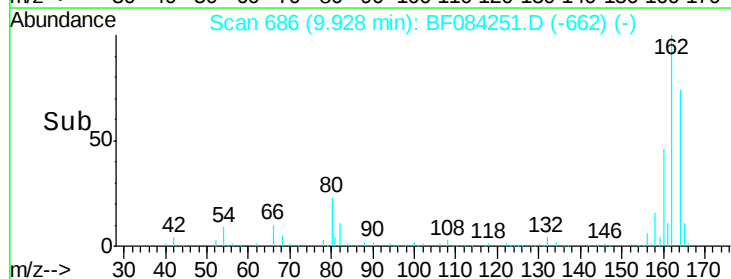
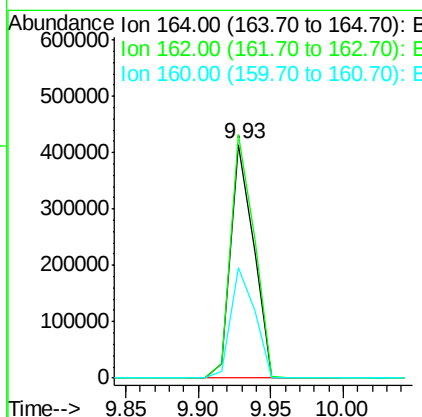
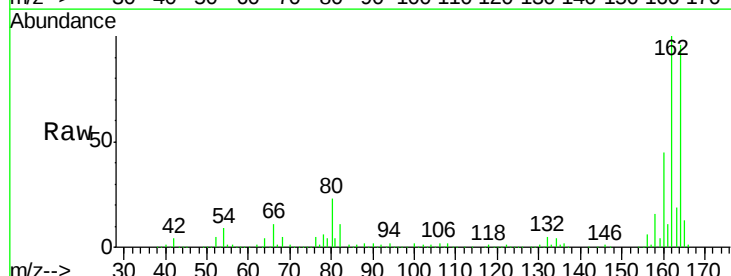
Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITE

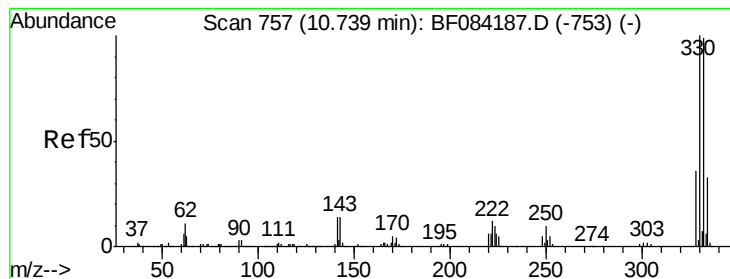
Tot Ion: 82 Resp: 1332867
 Ion Ratio Lower Upper
 82 100
 128 48.8 34.6 51.8
 54 54.4 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF084251.D
 Acq: 4 Jan 2016 20:52

Tgt Ion: 164 Resp: 455412
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.1 127.7
 160 47.2 37.5 56.3

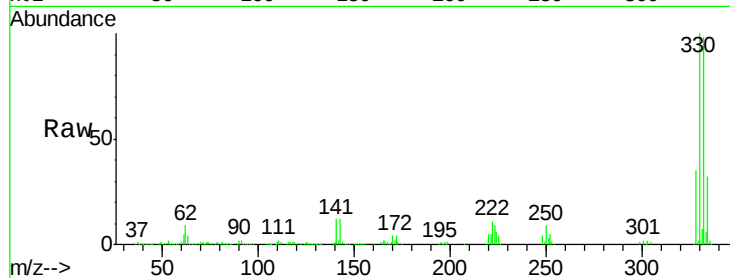




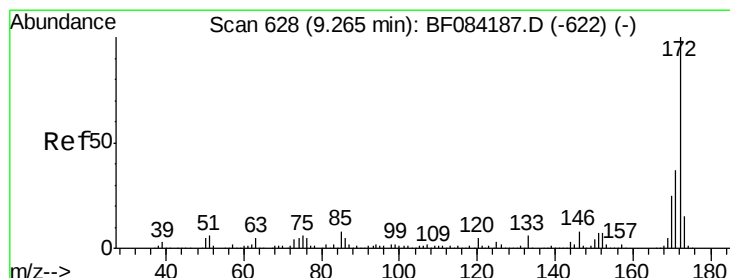
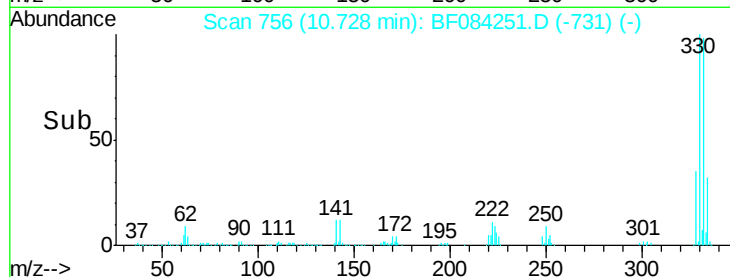
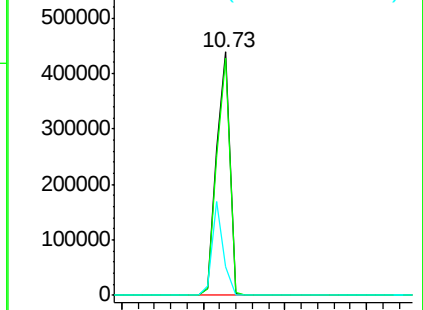
#41
 2,4,6-Tribromophenol
 Concen: 108.05 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084251.D
 Acq: 4 Jan 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	33.3	27.8	41.6

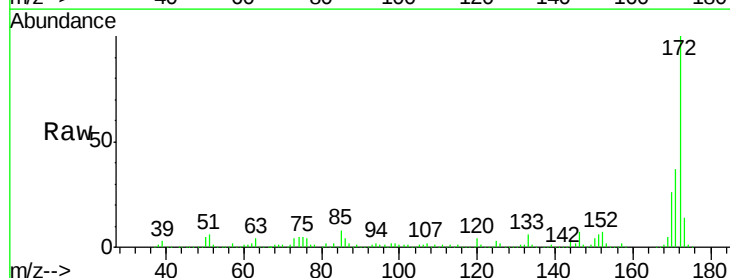


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

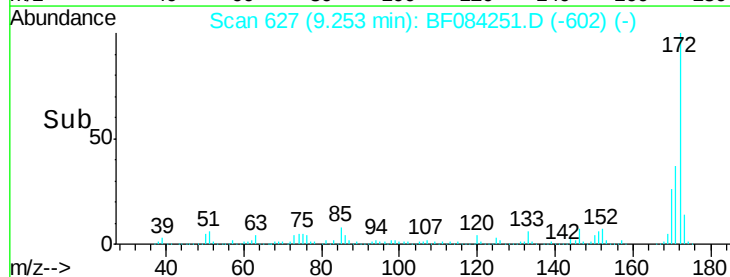
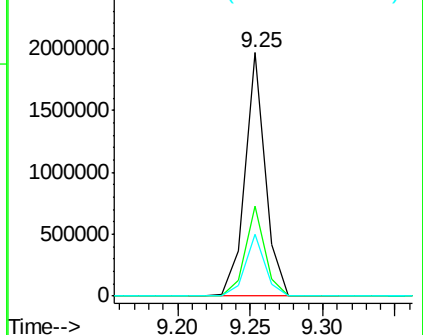


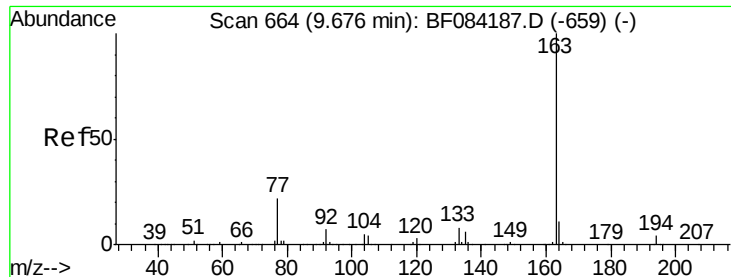
#44
 2-Fluorobiphenyl
 Concen: 72.04 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084251.D
 Acq: 4 Jan 2016 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.5	18.6	27.8



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: 25.44 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITE

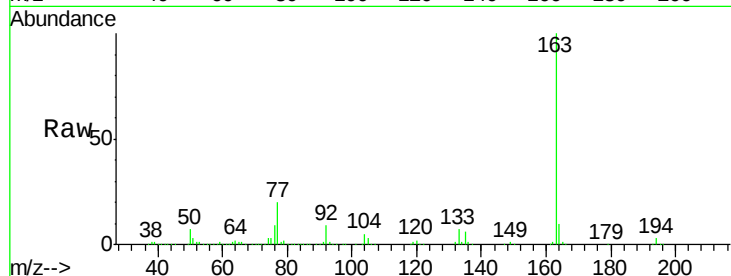
Tot Ion:163 Resp: 828112

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

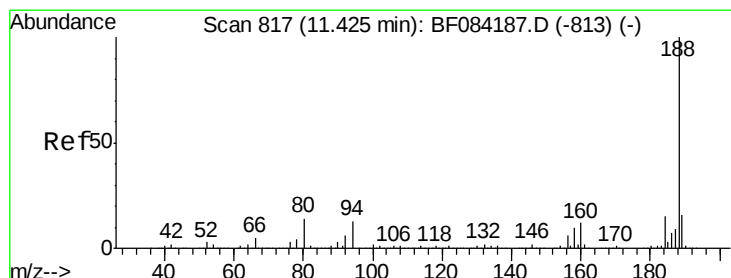
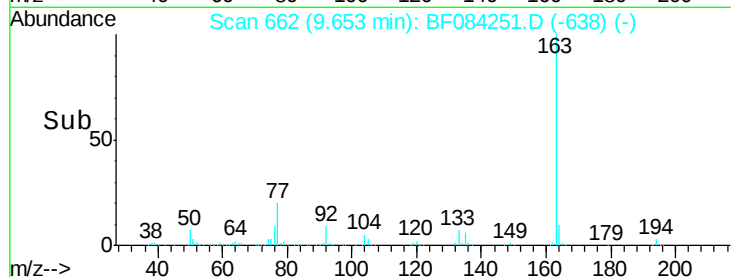
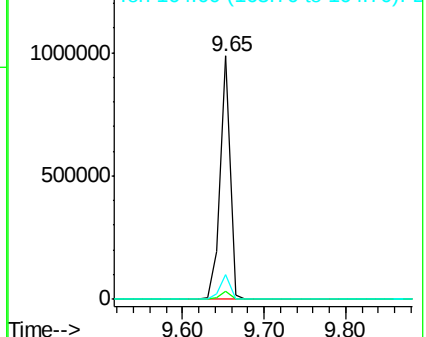
164 10.2 8.0 12.0



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: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

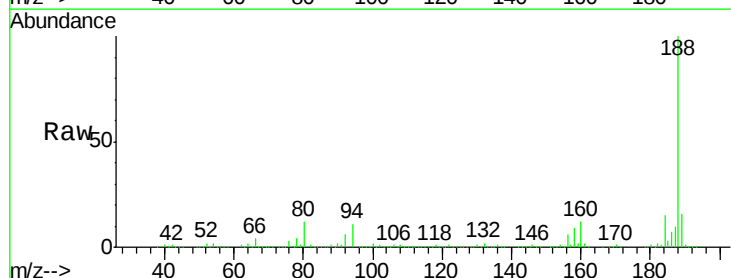
Tgt Ion:188 Resp: 793600

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

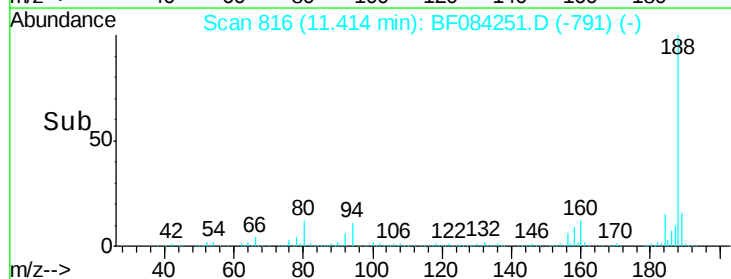
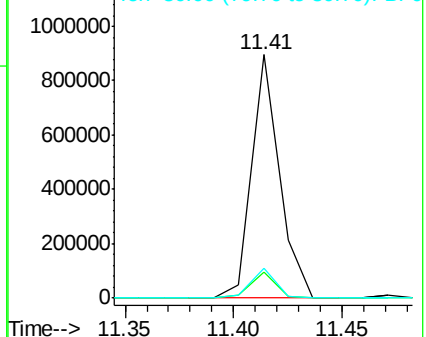
80 12.0 9.6 14.4

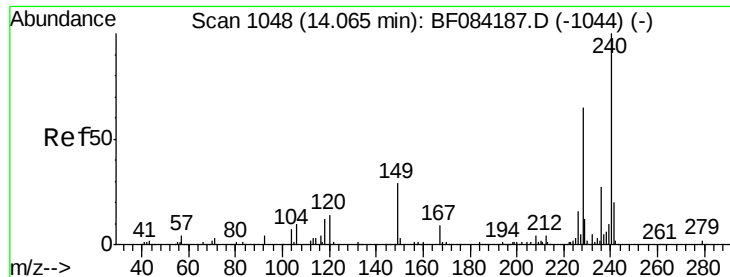


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITE

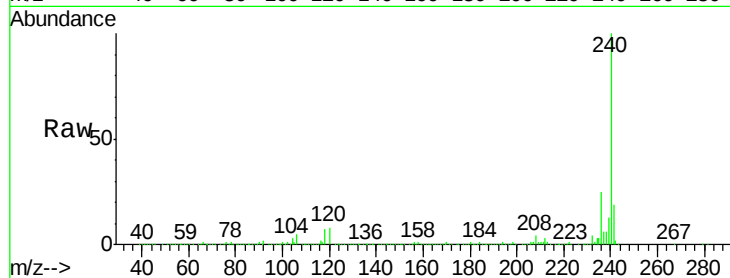
Tot Ion:240 Resp: 531456

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

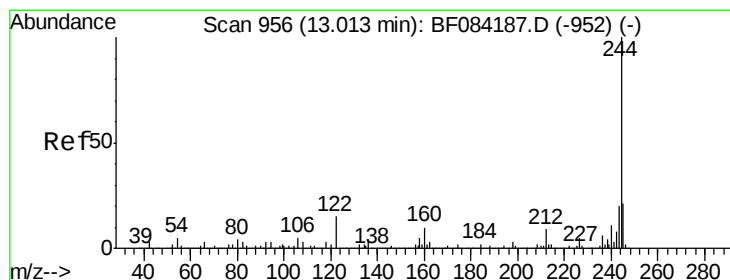
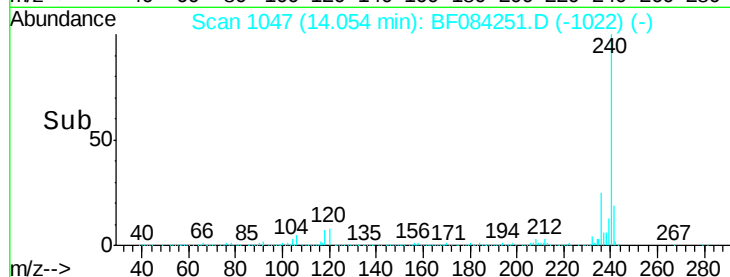
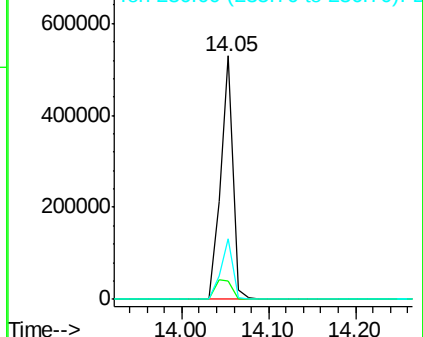
236 24.8 20.6 31.0



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: 61.61 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084251.D

Acq: 4 Jan 2016 20:52

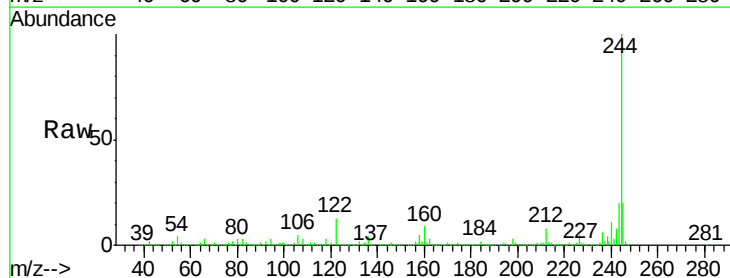
Tgt Ion:244 Resp: 1466962

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

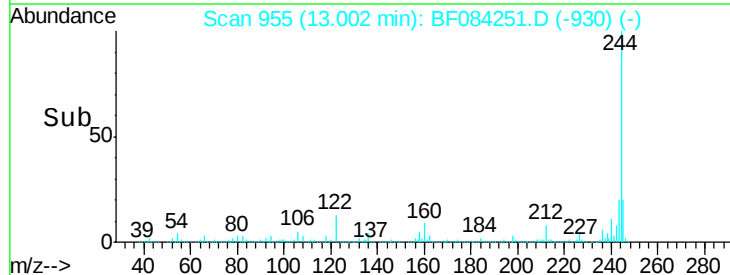
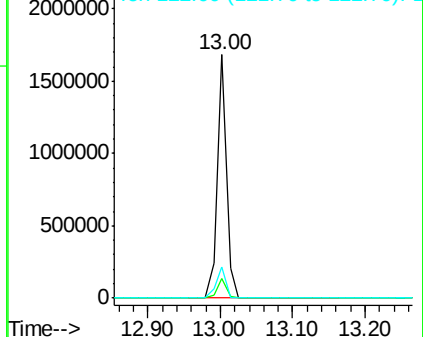
122 12.9 7.4 11.0#

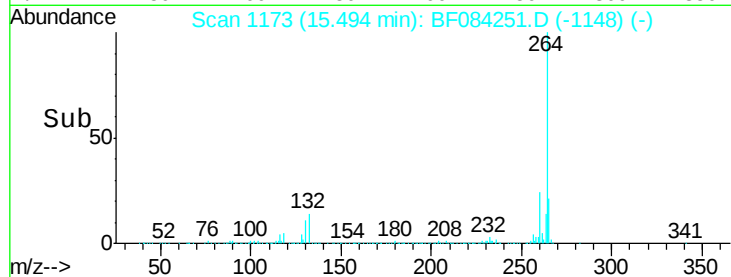
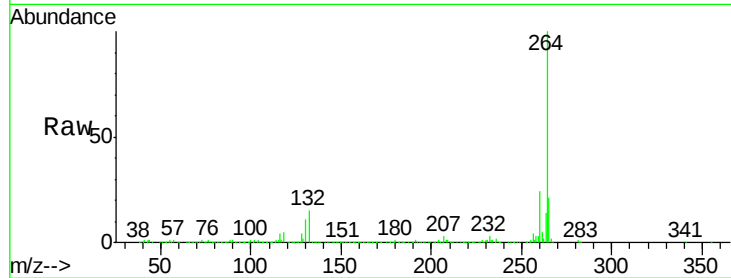
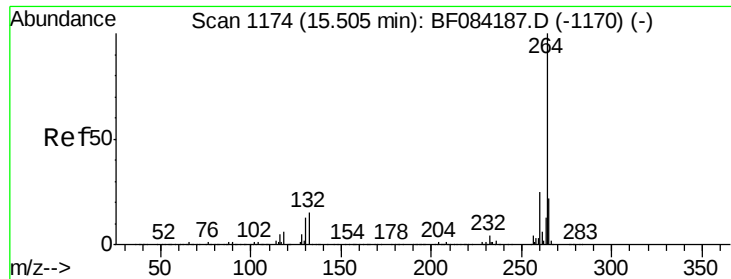


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084251.D
Acq: 4 Jan 2016 20:52

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITE

Tot Ion: 264 Resp: 518520
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 20.7 17.8 26.6

