

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084300.D
 Acq On : 6 Jan 2016 20:10
 Operator : SJ/UM
 Sample : H1017-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Quant Time: Jan 07 02:37:00 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

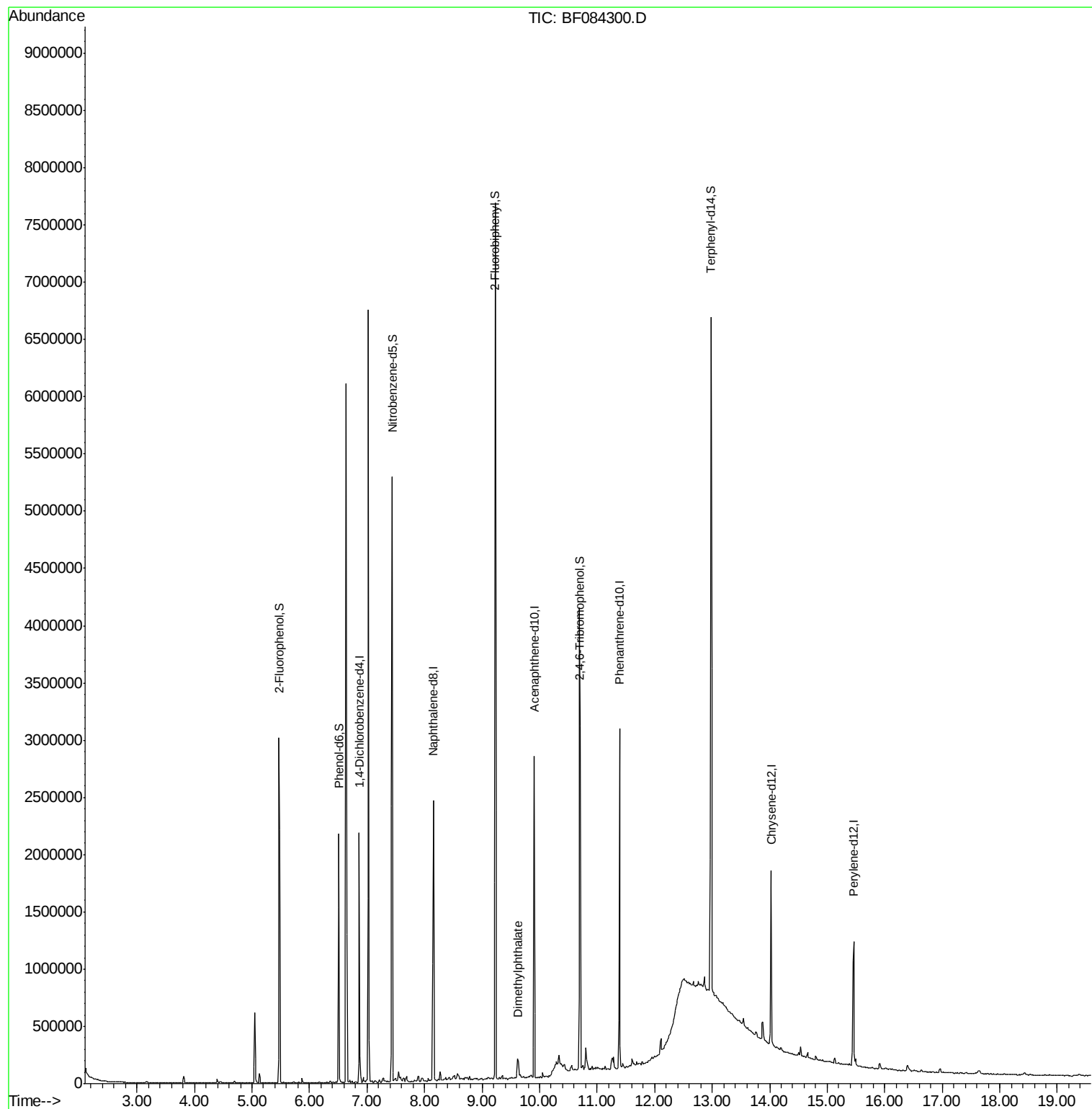
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272286	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1174444	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	517405	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	952860	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	780269	20.00	ng	-0.03
86) Perylene-d12	15.46	264	573839	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1065441	63.29	ng	-0.02
7) Phenol-d6	6.51	99	914695	43.26	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1777762	84.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	704163	134.80	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2610042	89.04	ng	-0.03
78) Terphenyl-d14	12.98	244	2279088	65.20	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.63	163	74255	2.01	ng	Qvalue # 89

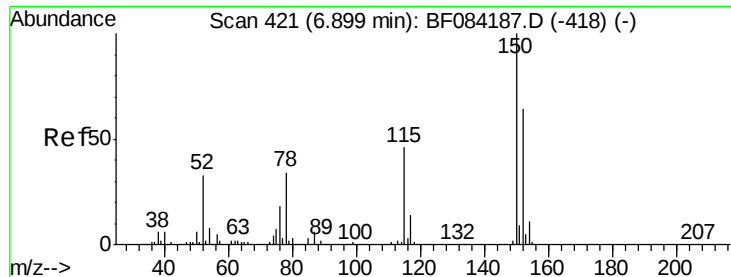
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampleId :

W-27

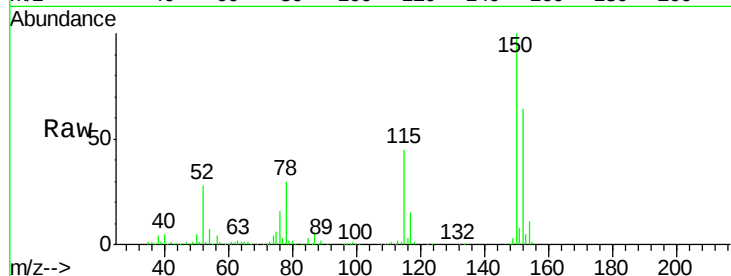
Tot Ion:152 Resp: 272286

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

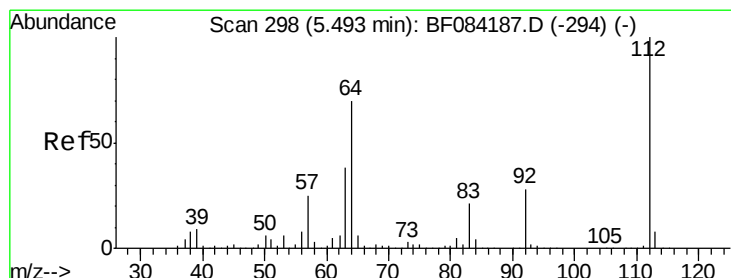
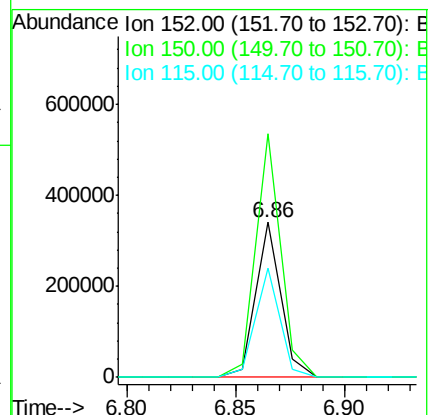
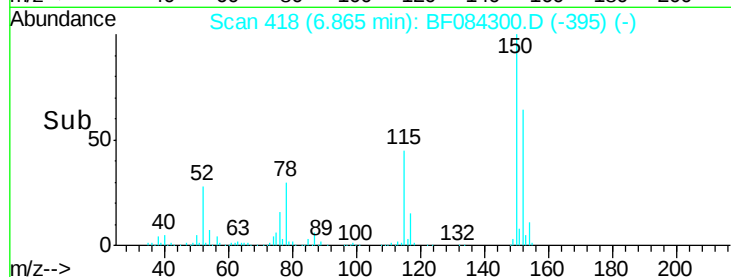
115 70.1 51.4 77.2



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: 63.29 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

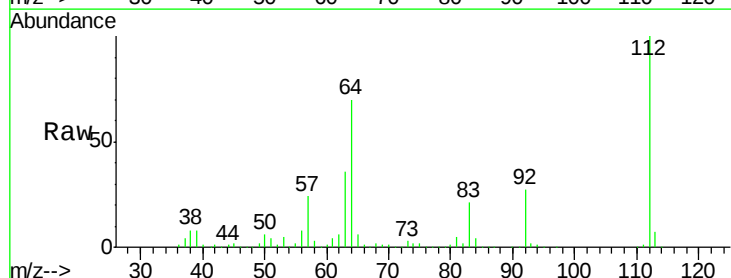
Tgt Ion:112 Resp: 1065441

Ion Ratio Lower Upper

112 100

64 70.0 36.6 55.0#

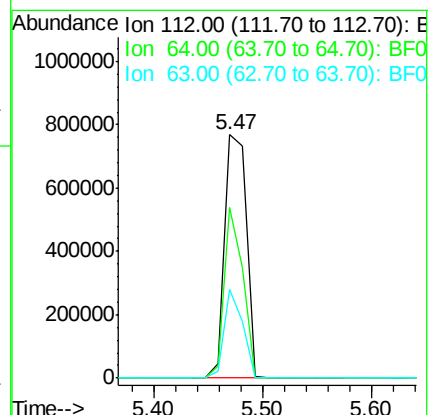
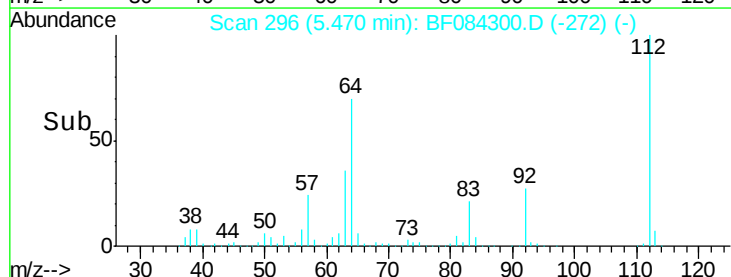
63 36.3 19.4 29.0#

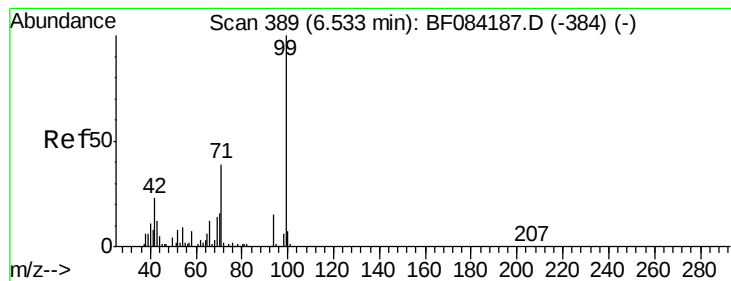


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.26 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampleId :

W-27

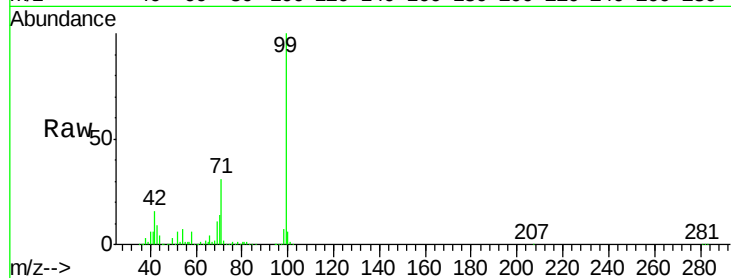
Tot Ion: 99 Resp: 914695

Ion Ratio Lower Upper

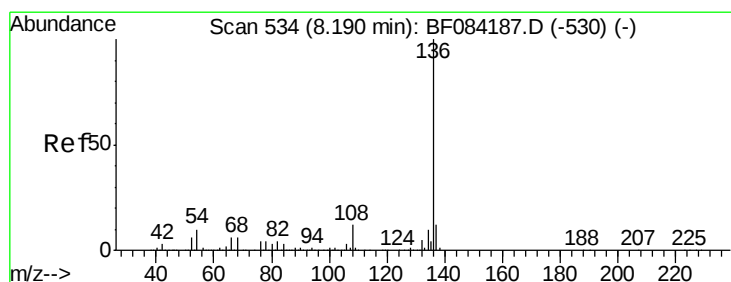
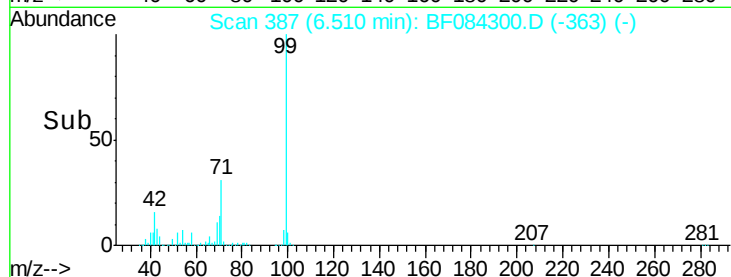
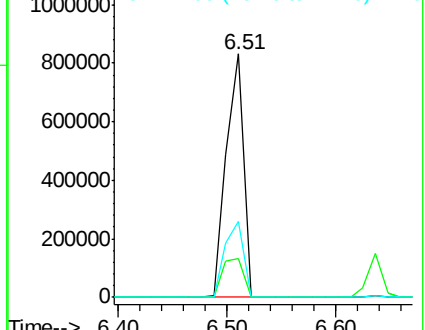
99 100

42 15.7 12.8 19.2

71 31.2 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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Tgt Ion: 136 Resp: 1174444

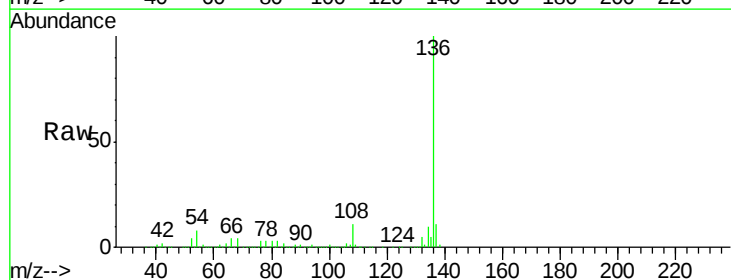
Ion Ratio Lower Upper

136 100

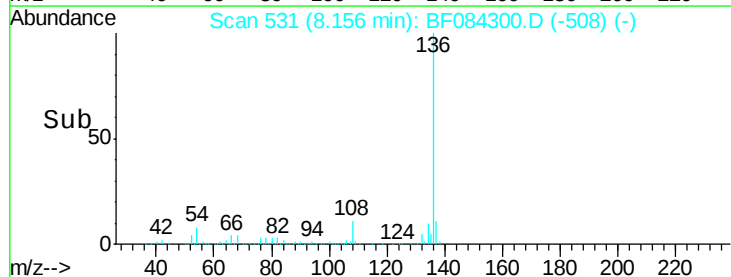
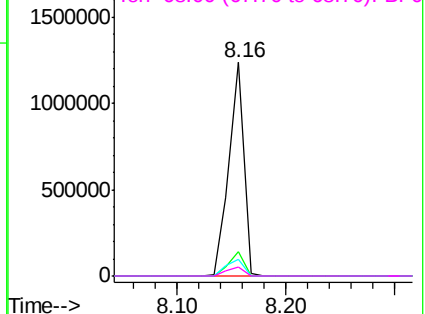
137 11.2 8.7 13.1

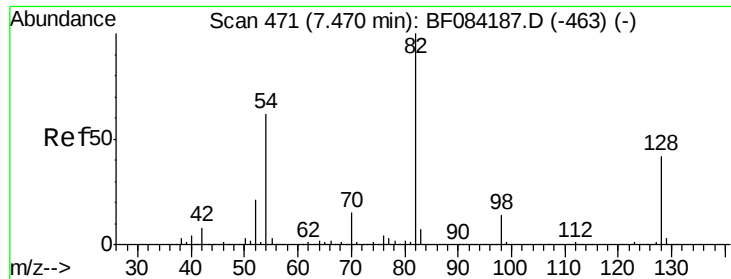
54 7.7 5.8 8.8

68 4.3 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

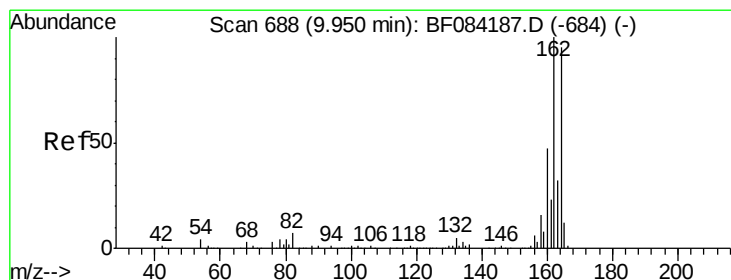
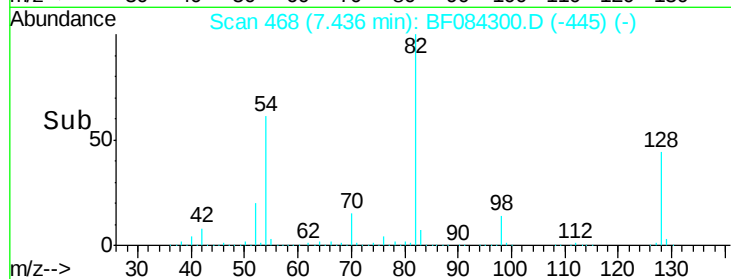
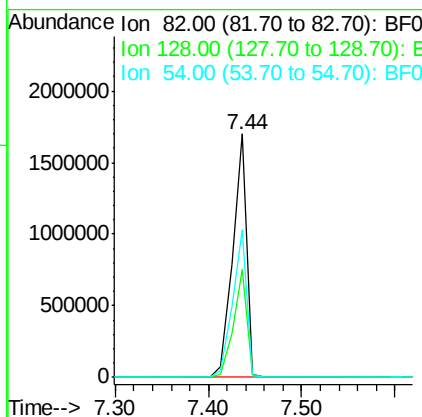
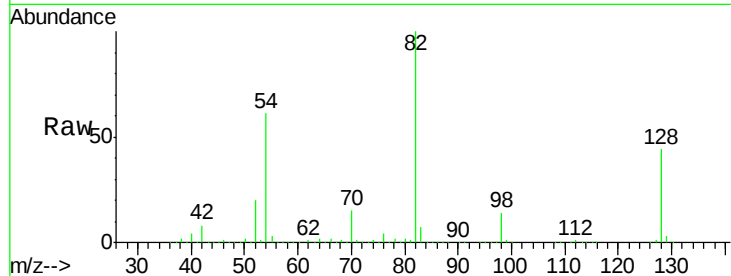




#23
 Nitrobenzene-d5
 Concen: 84.25 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084300.D
 Acq: 6 Jan 2016 20:10

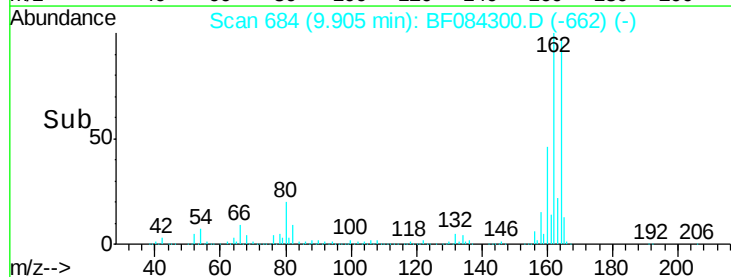
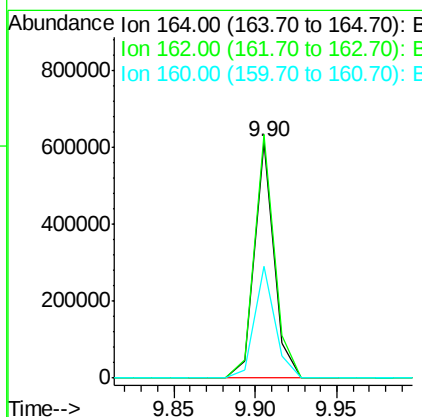
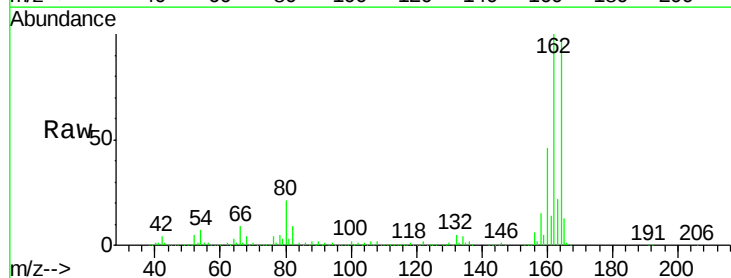
Instrument :
 BNA_F
 ClientSampleId :
 W-27

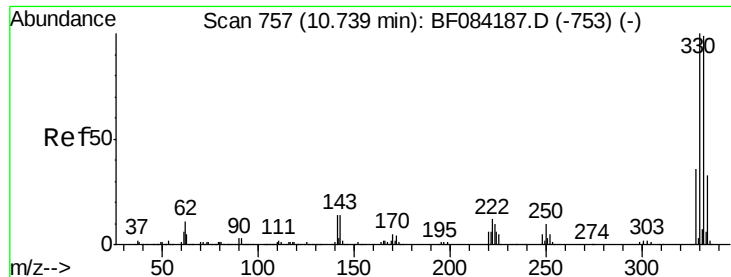
Tot Ion: 82 Resp: 1777762
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 60.8 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084300.D
 Acq: 6 Jan 2016 20:10

Tgt Ion:164 Resp: 517405
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 47.5 37.5 56.3

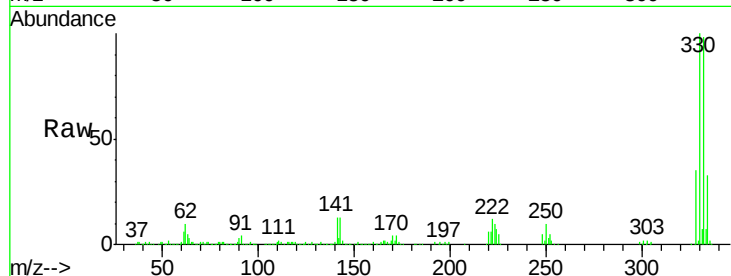




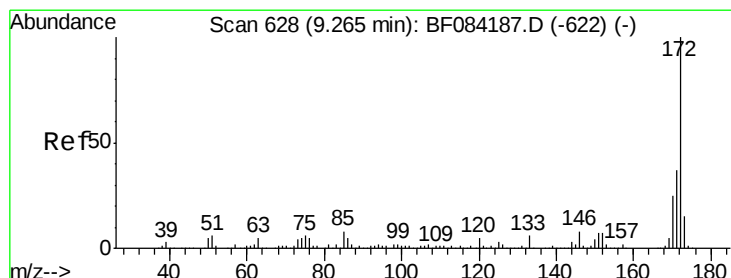
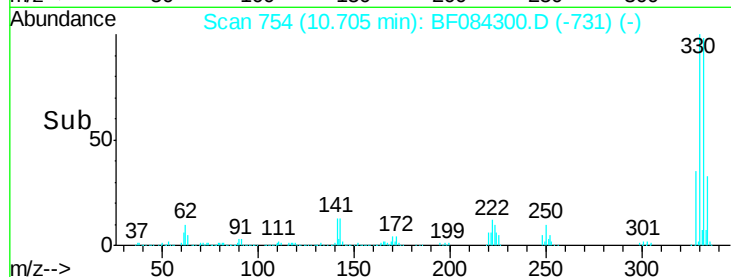
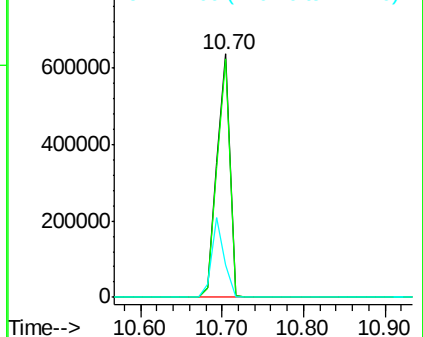
#41
 2,4,6-Tribromophenol
 Concen: 134.80 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084300.D
 Acq: 6 Jan 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tot Ion:330 Resp: 704163
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 32.1 27.8 41.6

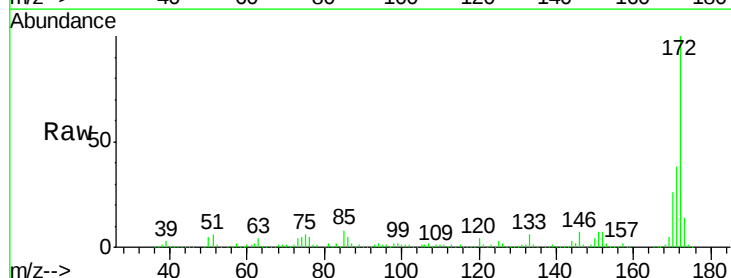


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

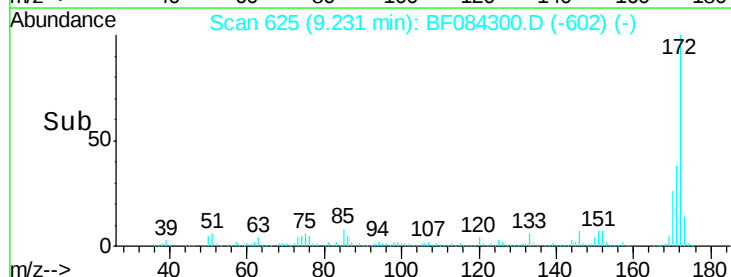
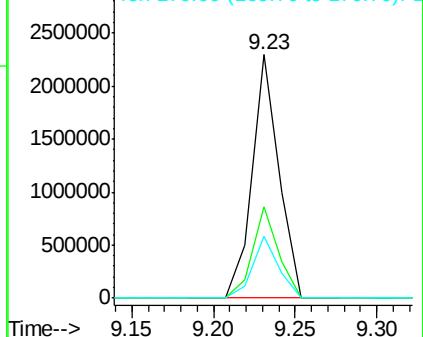


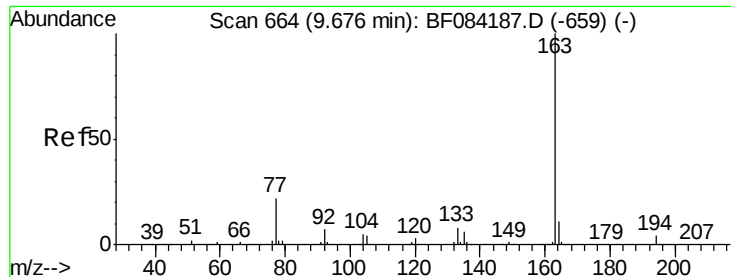
#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084300.D
 Acq: 6 Jan 2016 20:10

Tgt Ion:172 Resp: 2610042
 Ion Ratio Lower Upper
 172 100
 171 37.5 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

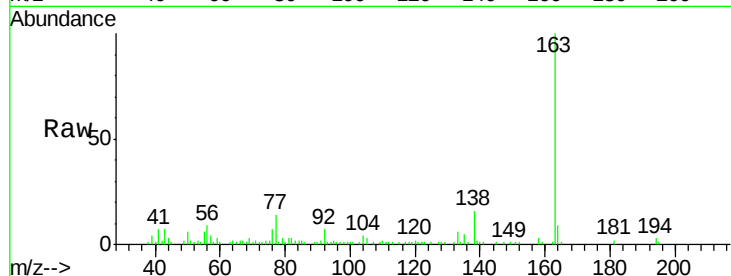




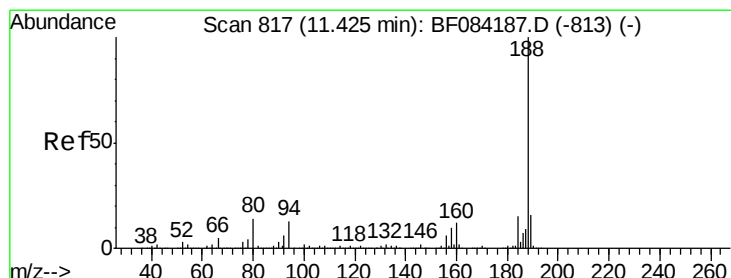
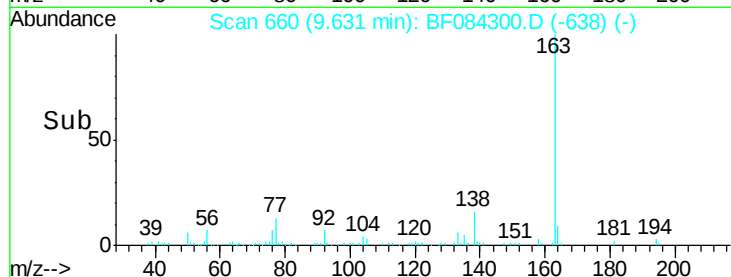
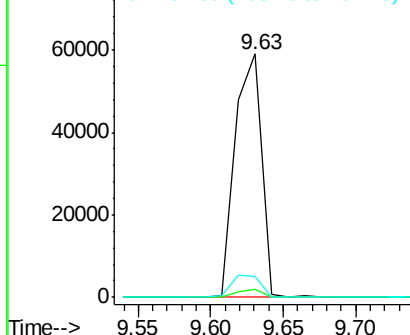
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Instrument :
BNA_F
ClientSampleId :
W-27

Tot Ion:163 Resp: 74255
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 8.6 8.0 12.0

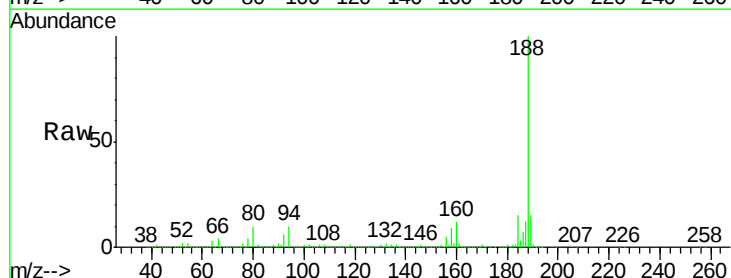


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

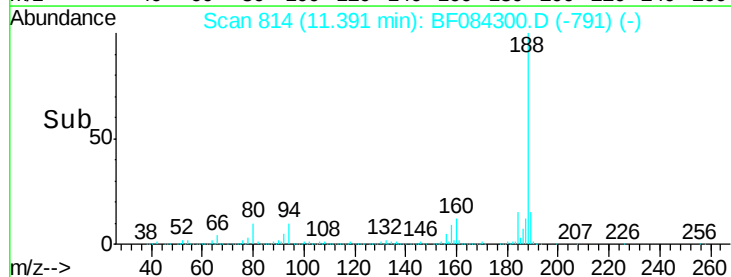
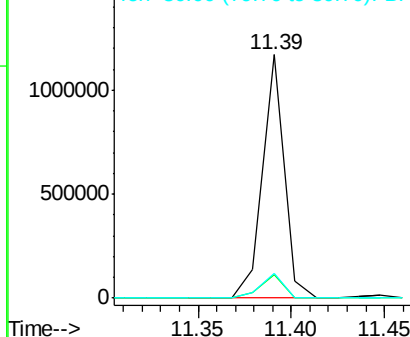


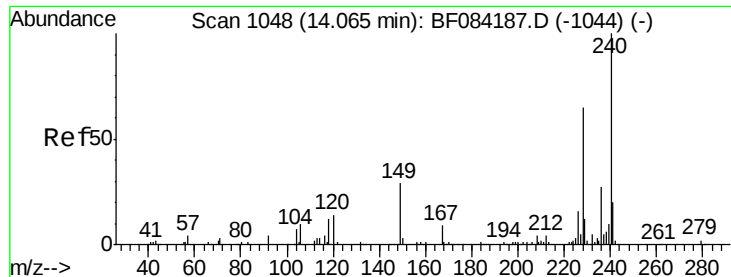
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Tgt Ion:188 Resp: 952860
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.3 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: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

Instrument :

BNA_F

ClientSampleId :

W-27

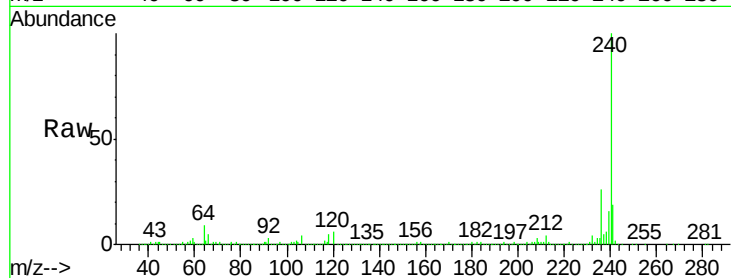
Tot Ion:240 Resp: 780269

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

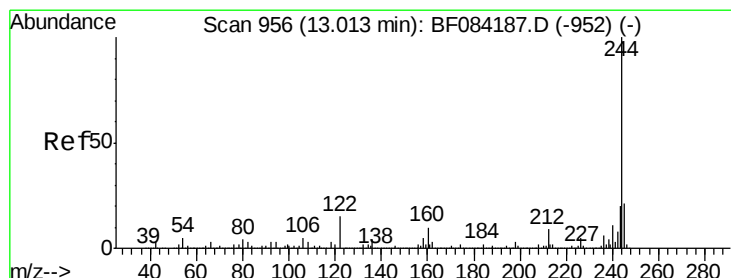
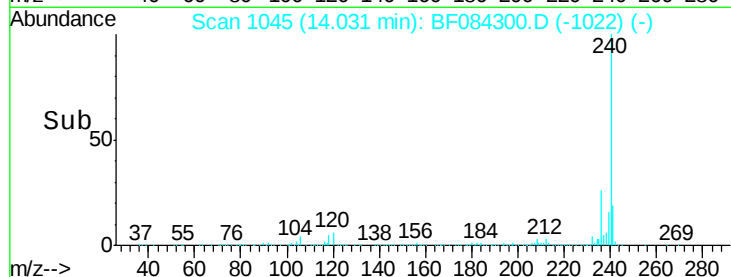
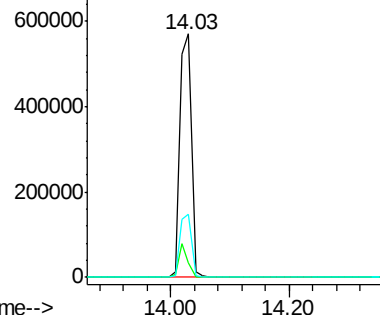
236 26.1 20.6 31.0



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: 65.20 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084300.D

Acq: 6 Jan 2016 20:10

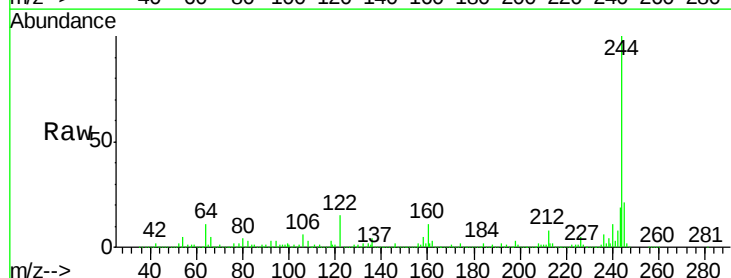
Tgt Ion:244 Resp: 2279088

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

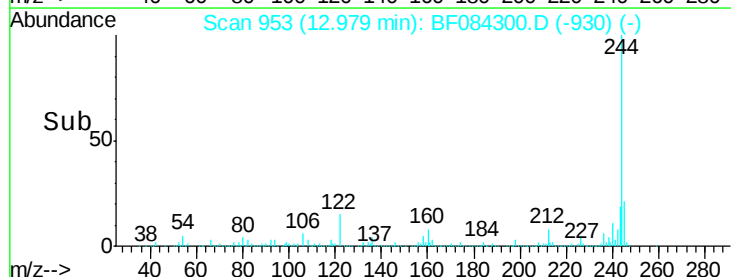
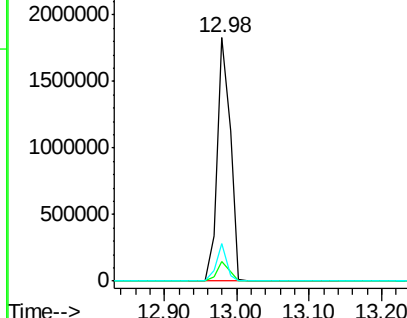
122 15.4 7.4 11.0#

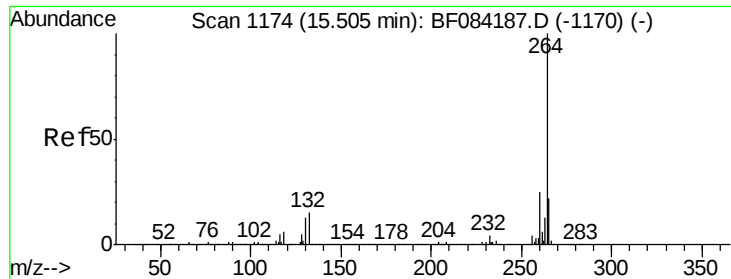


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

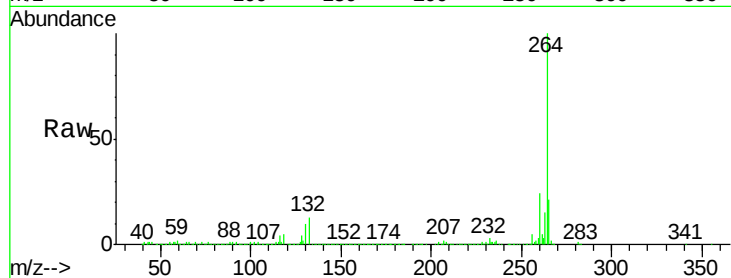




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084300.D
Acq: 6 Jan 2016 20:10

Instrument :
BNA_F
ClientSampleId :
W-27

Tot Ion:264 Resp: 573839
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.5 17.8 26.6



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

