

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084009.D
 Acq On : 23 Dec 2015 1:01
 Operator : UM/SJ
 Sample : G4894-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Dec 23 02:51:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

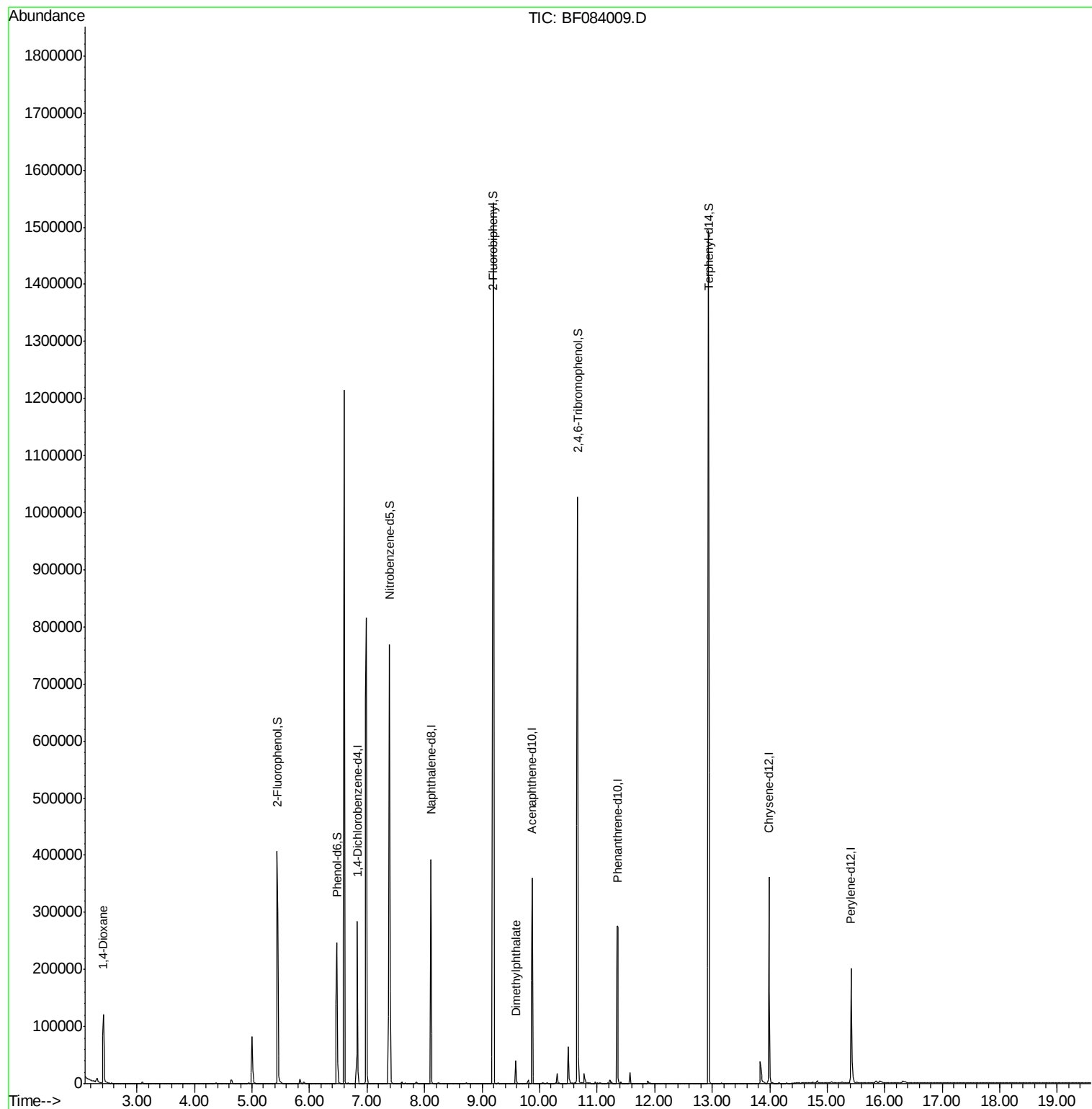
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43228	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	174279	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	82739	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	154917	20.00	ng	0.00
75) Chrysene-d12	13.99	240	139044	20.00	ng	-0.01
86) Perylene-d12	15.41	264	108827	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	159511	62.92	ng	0.00
7) Phenol-d6	6.48	99	113977	38.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	254283	89.63	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133639	167.92	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	603318	98.14	ng	0.00
78) Terphenyl-d14	12.93	244	503040	86.28	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.42	88	70107	58.08	ng	98
49) Dimethylphthalate	9.58	163	16305	2.52	ng	# 88

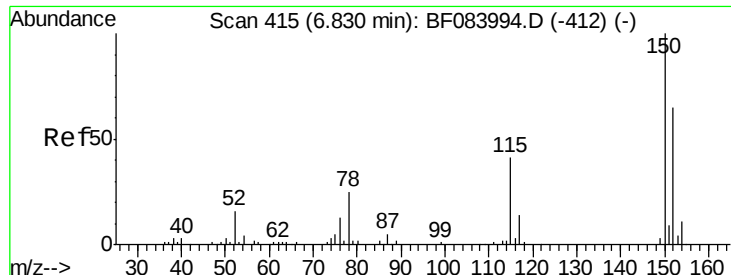
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

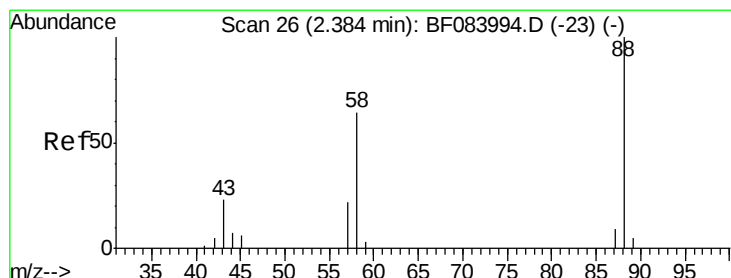
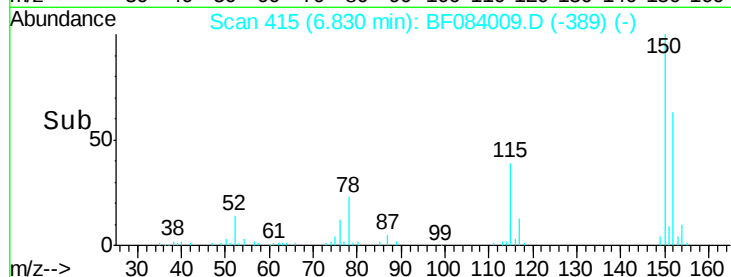
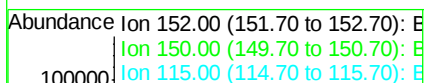
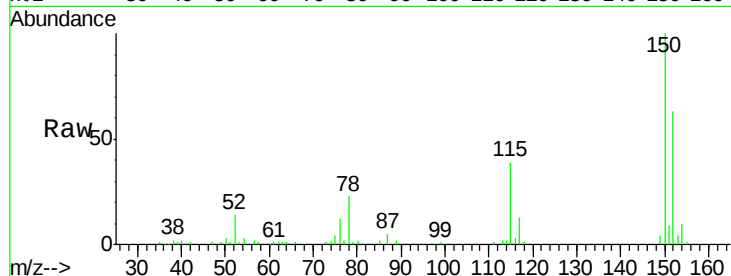
Tot Ion:152 Resp: 43228

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

115 61.7 51.4 77.2



#2

1,4-Dioxane

Concen: 58.08 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

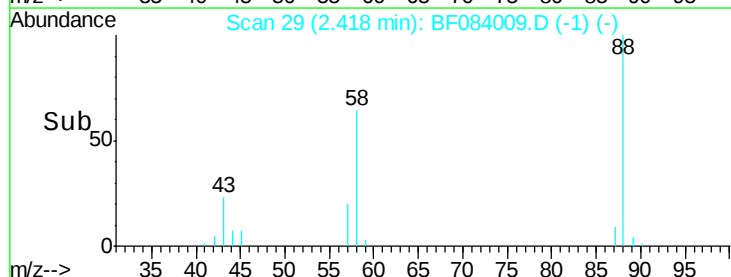
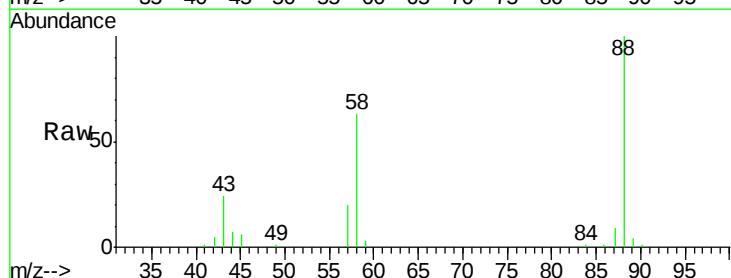
Tgt Ion: 88 Resp: 70107

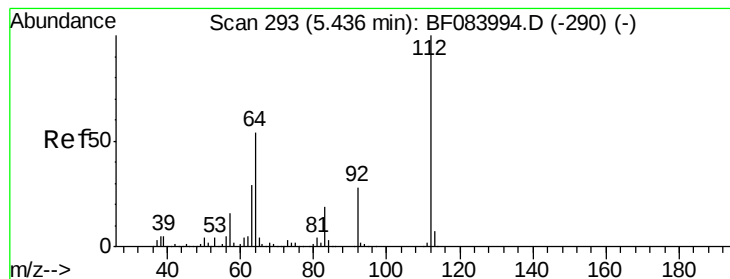
Ion Ratio Lower Upper

88 100

58 65.2 51.2 76.8

43 25.6 19.5 29.3





#5

2-Fluorophenol

Concen: 62.92 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

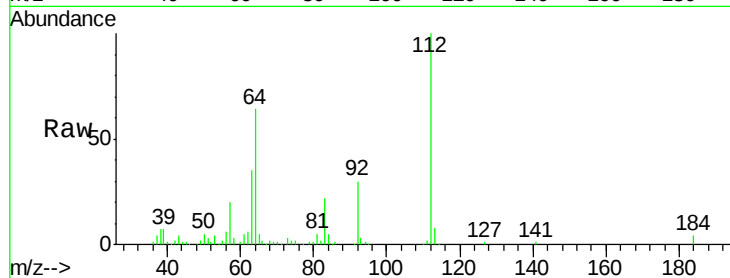
Tot Ion:112 Resp: 159511

Ion Ratio Lower Upper

112 100

64 63.9 36.6 55.0#

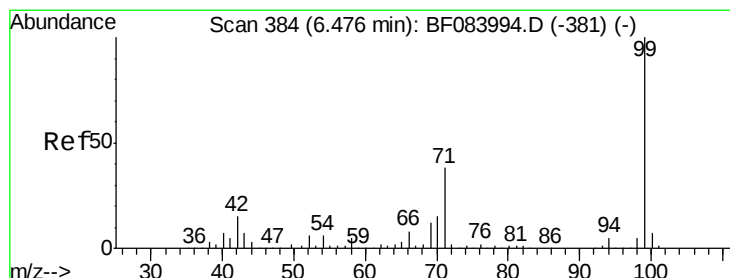
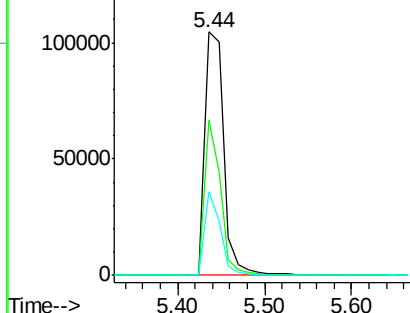
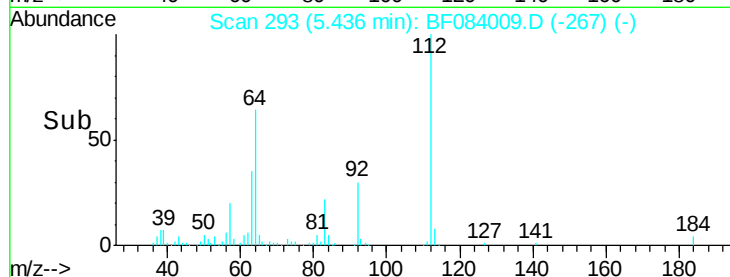
63 34.6 19.4 29.0#



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: 38.24 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

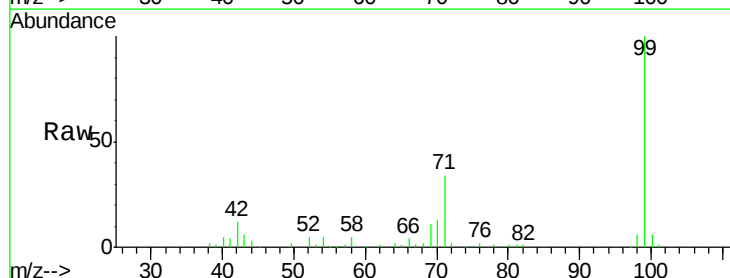
Tgt Ion: 99 Resp: 113977

Ion Ratio Lower Upper

99 100

42 12.2 12.8 19.2#

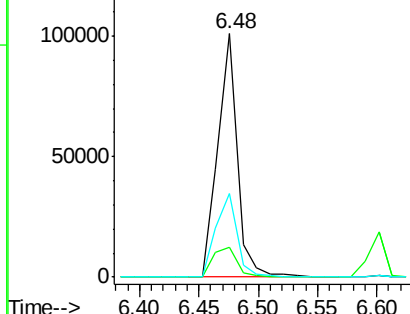
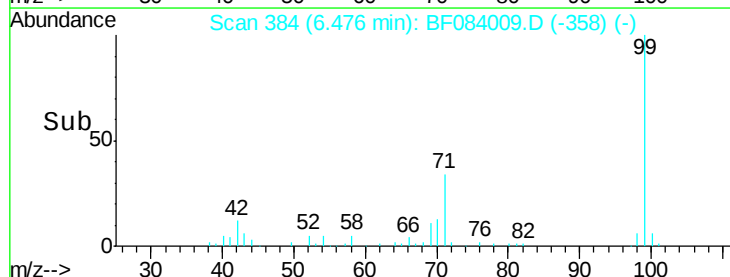
71 34.2 30.9 46.3

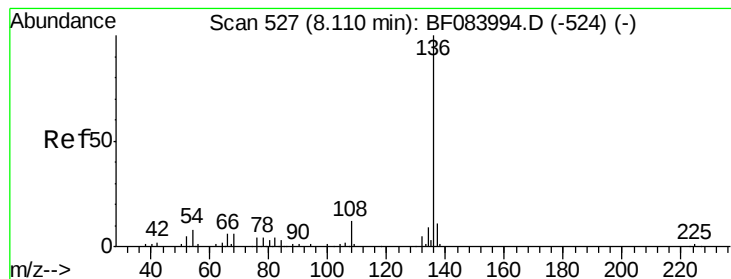


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

Tot Ion:136 Resp: 174279

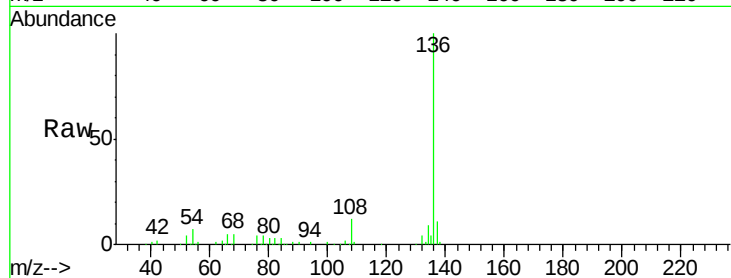
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.6 5.8 8.8

68 4.7 4.2 6.2

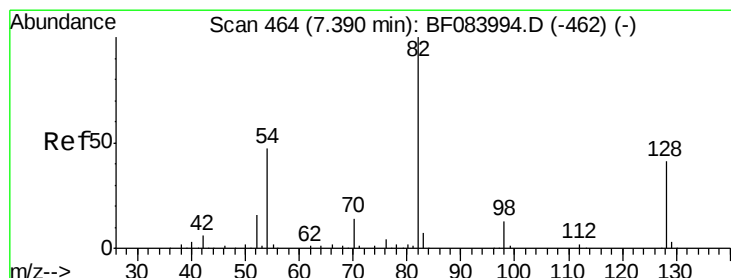
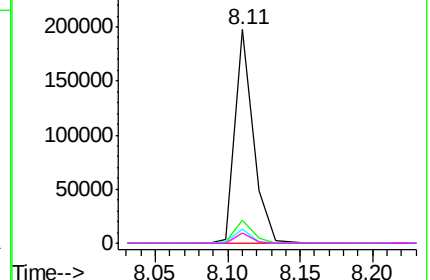
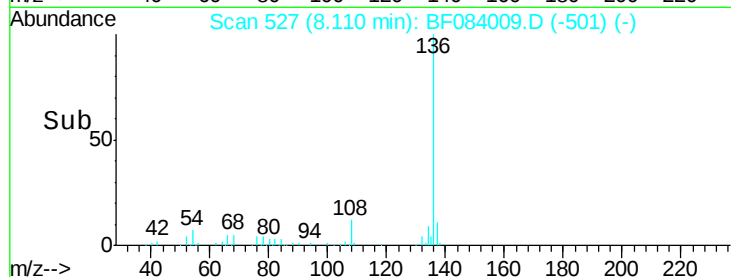


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.63 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

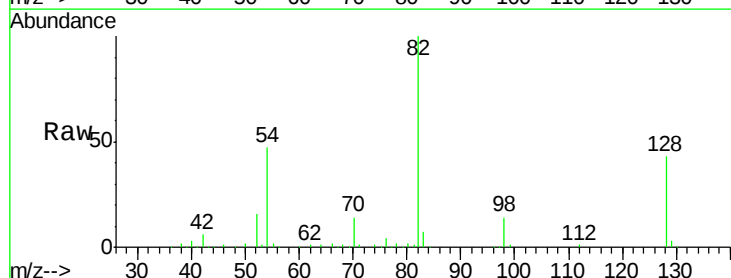
Tgt Ion: 82 Resp: 254283

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

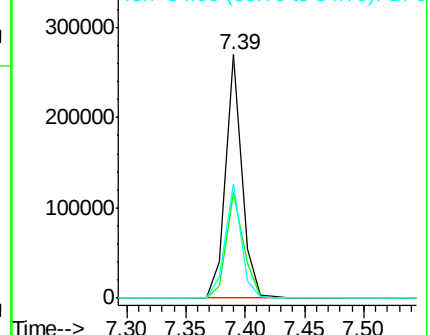
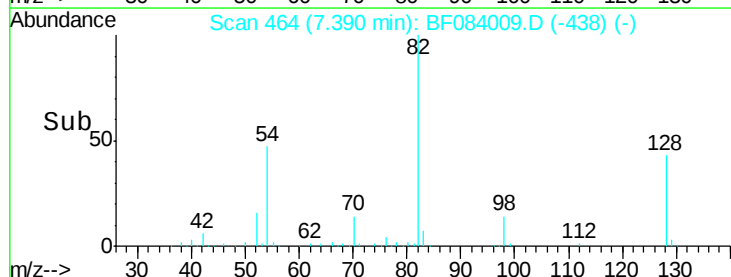
54 46.8 38.4 57.6

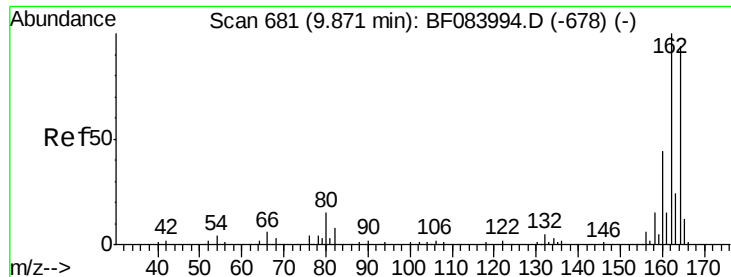


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

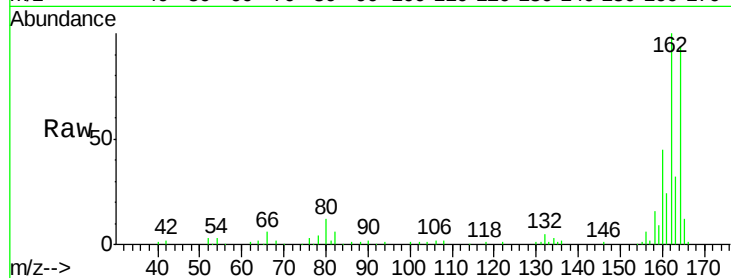
Tot Ion:164 Resp: 82739

Ion Ratio Lower Upper

164 100

162 106.6 85.1 127.7

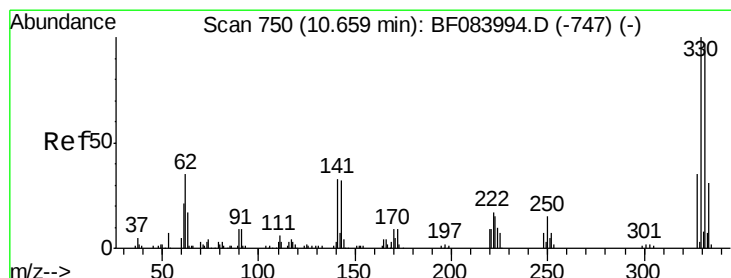
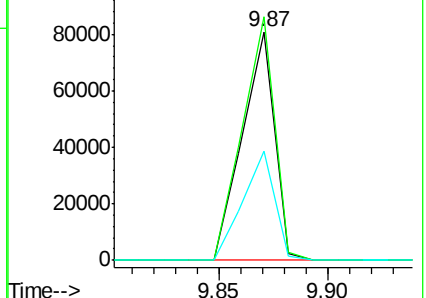
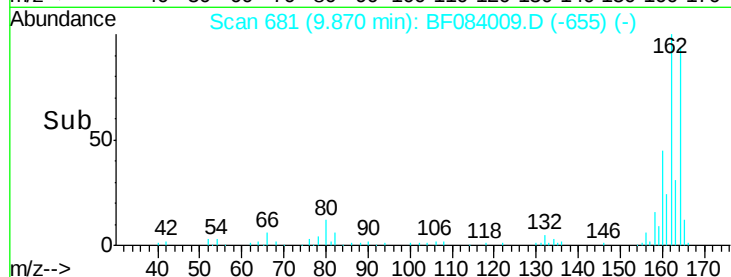
160 48.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 167.92 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

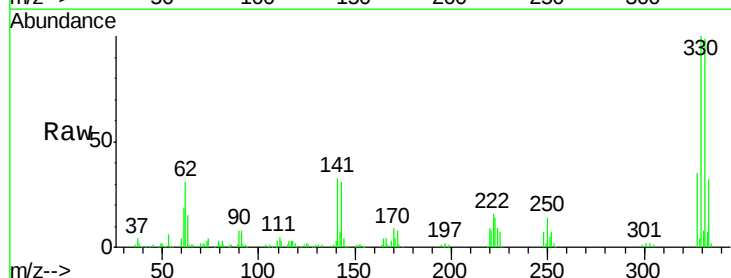
Tgt Ion:330 Resp: 133639

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

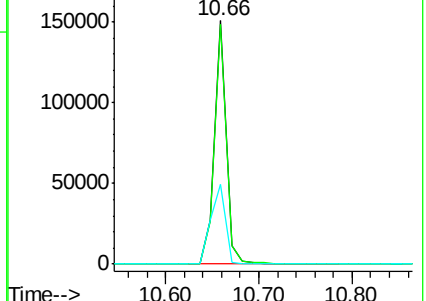
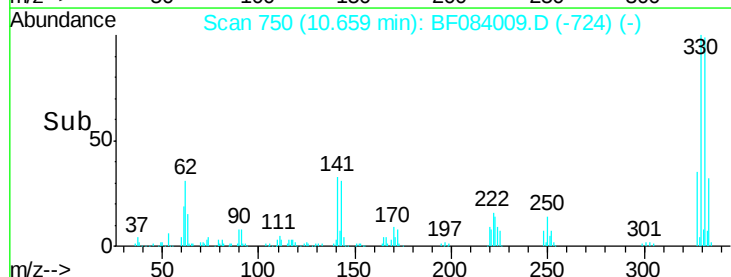
141 40.5 27.8 41.6

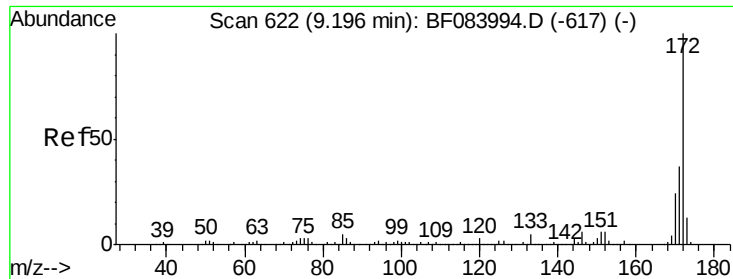


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

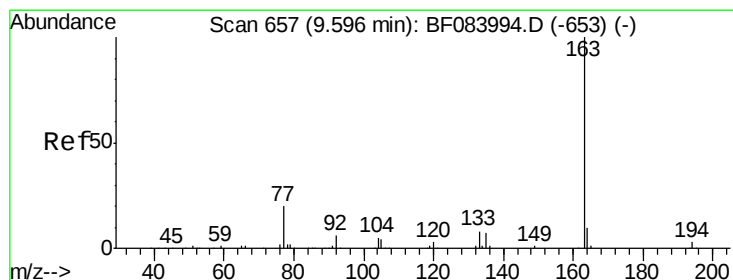
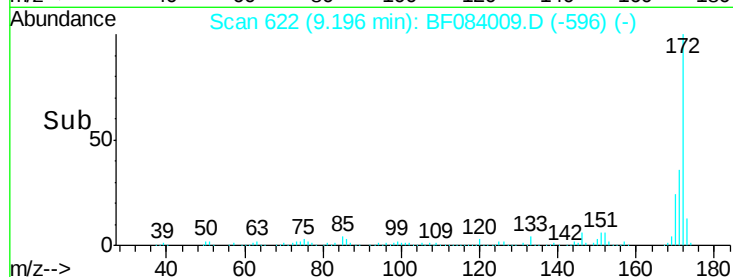
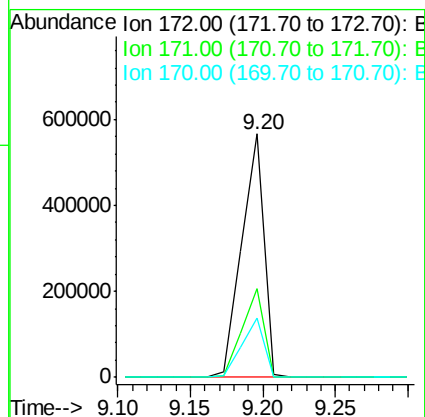
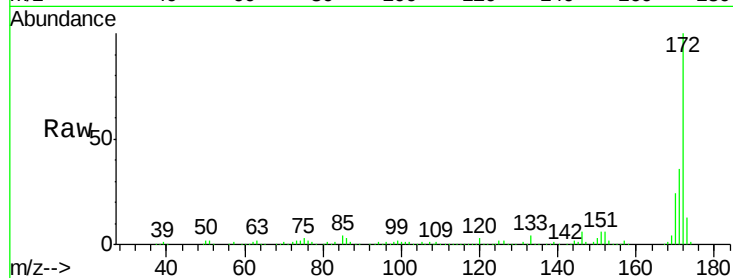




#44
2-Fluorobiphenyl
Concen: 98.14 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

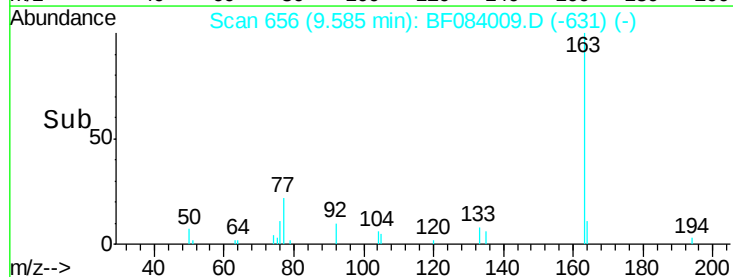
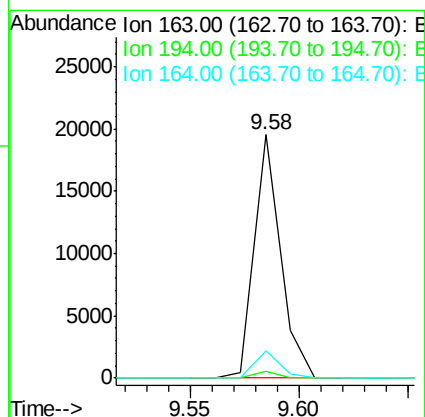
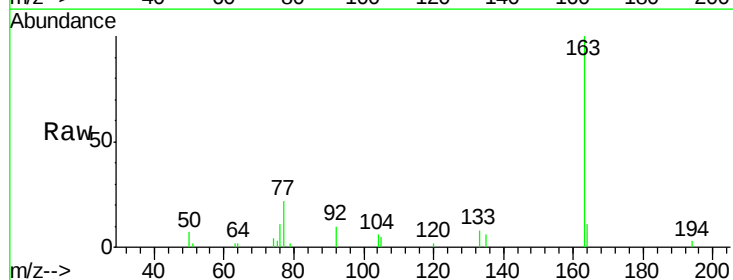
Instrument :
BNA_F
ClientSampleId :
DUP-1

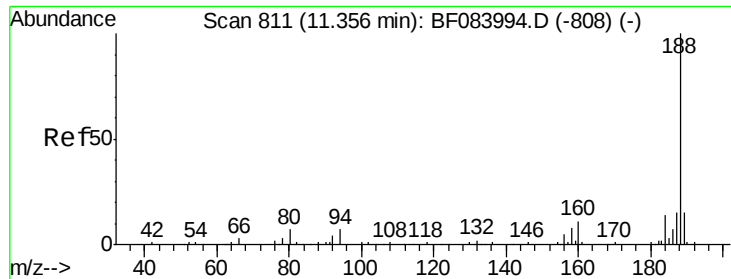
Tot Ion:172 Resp: 603318
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.2 18.6 27.8



#49
Dimethylphthalate
Concen: 2.52 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:163 Resp: 16305
Ion Ratio Lower Upper
163 100
194 2.6 8.0 12.0#
164 11.2 8.0 12.0

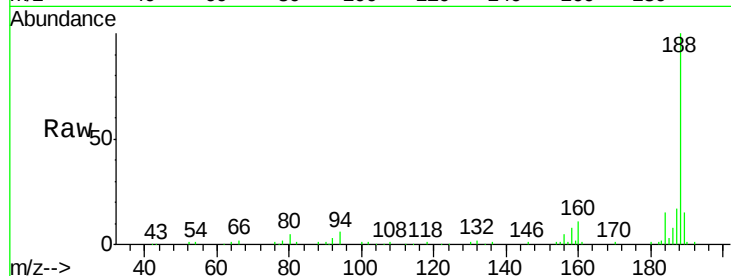




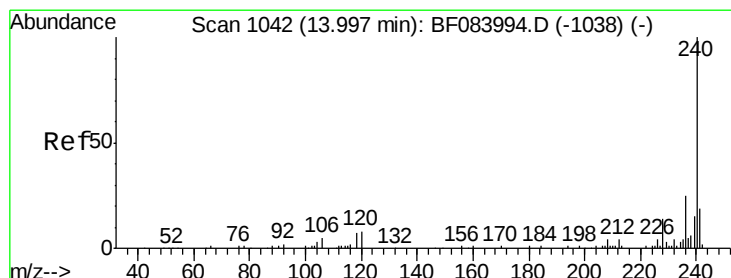
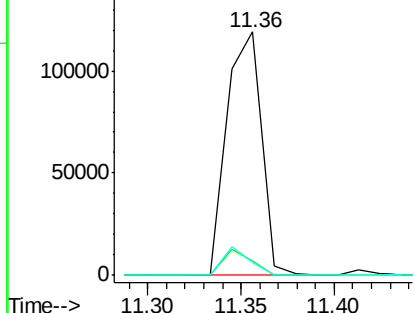
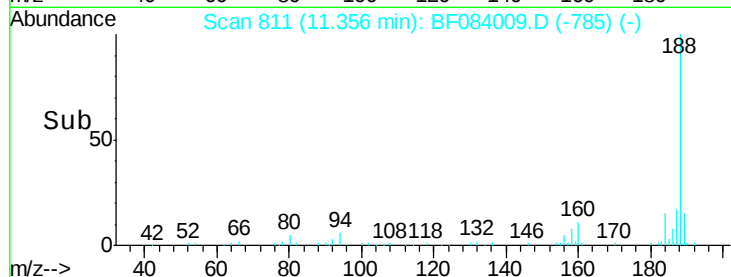
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:188 Resp: 154917
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 5.5 9.6 14.4#

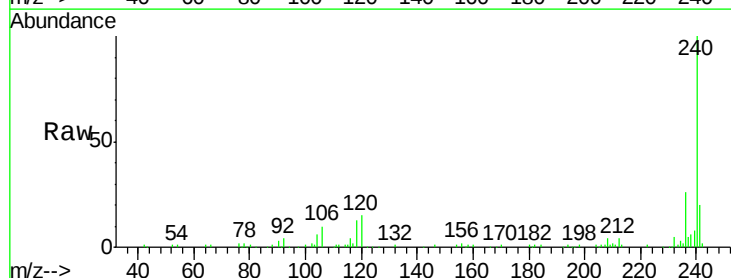


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

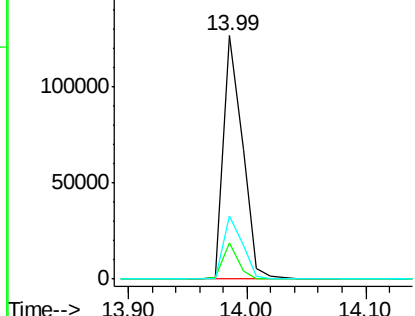
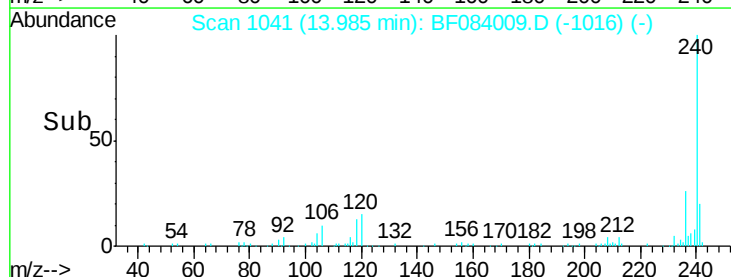


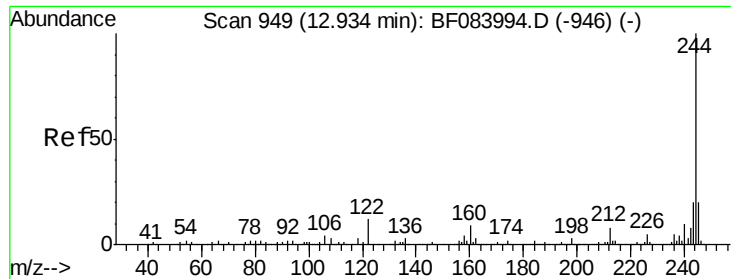
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084009.D
Acq: 23 Dec 2015 1:01

Tgt Ion:240 Resp: 139044
Ion Ratio Lower Upper
240 100
120 14.9 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

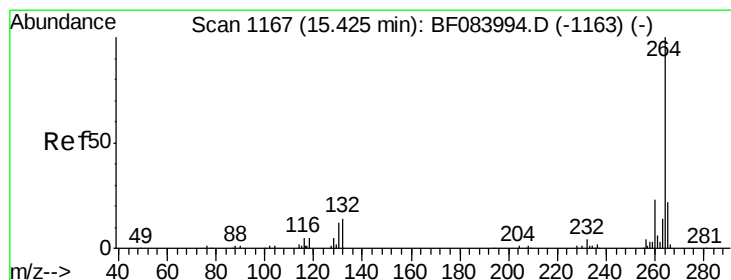
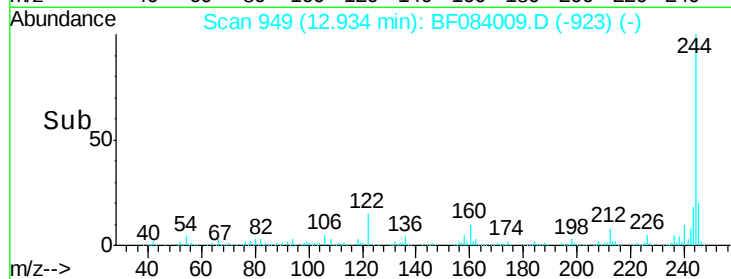
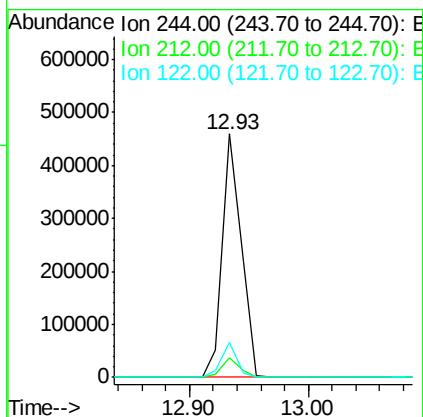
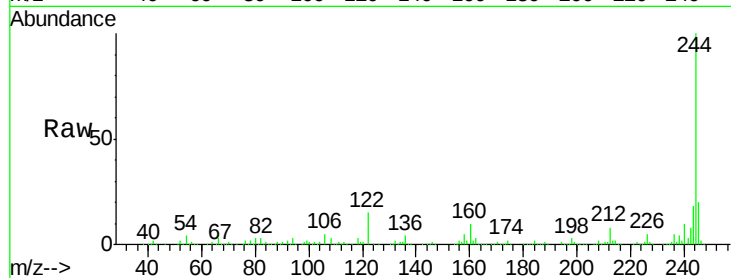




#78
 Terphenyl-d14
 Concen: 86.28 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tot Ion:244 Resp: 503040
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Tgt Ion:264 Resp: 108827
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.1 17.8 26.6

