

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085094.D
 Acq On : 17 Feb 2016 18:52
 Operator : SJ/IZ
 Sample : H1386-06RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(22-24)RE

Quant Time: Feb 18 00:24:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

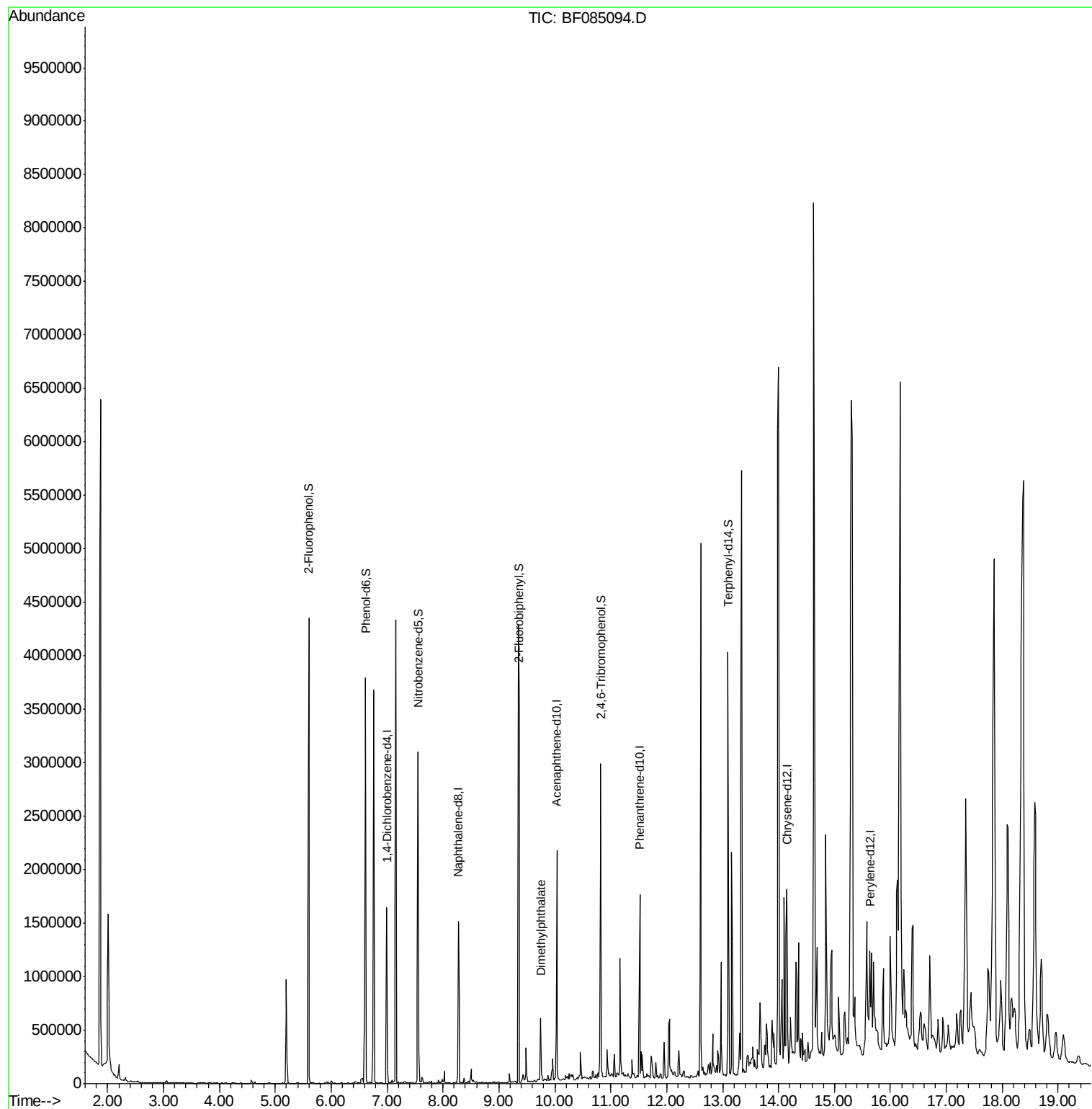
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	221086	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	754876	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	391988	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	702708	20.00	ng	0.00
75) Chrysene-d12	14.15	240	481371	20.00	ng	-0.01
86) Perylene-d12	15.63	264	477505	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1378969	109.01	ng	0.01
7) Phenol-d6	6.62	99	1842492	115.86	ng	0.00
23) Nitrobenzene-d5	7.55	82	991252	80.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	484066	116.32	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1920438	72.40	ng	0.00
78) Terphenyl-d14	13.10	244	1302295	75.77	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	341552	11.87	ng	Qvalue # 96

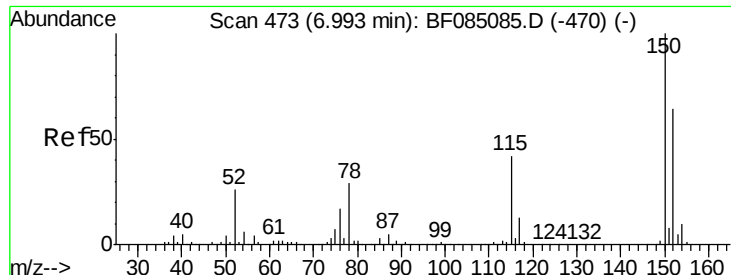
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085094.D

Acq: 17 Feb 2016 18:52

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)RE

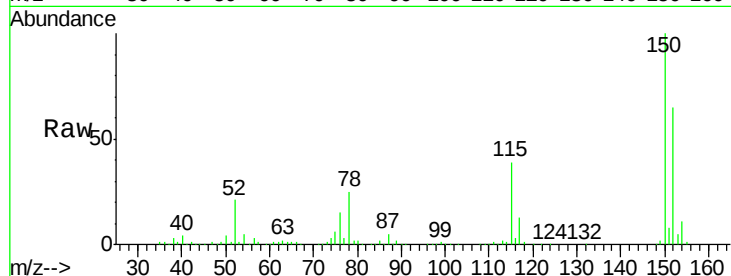
Tot Ion:152 Resp: 221086

Ion Ratio Lower Upper

152 100

150 154.9 127.4 191.2

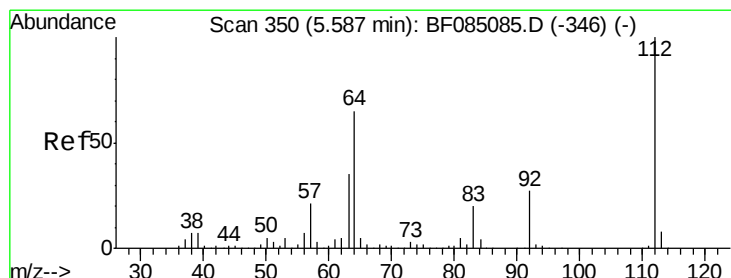
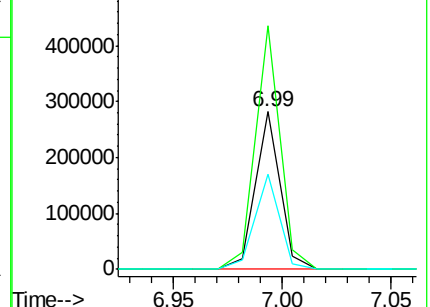
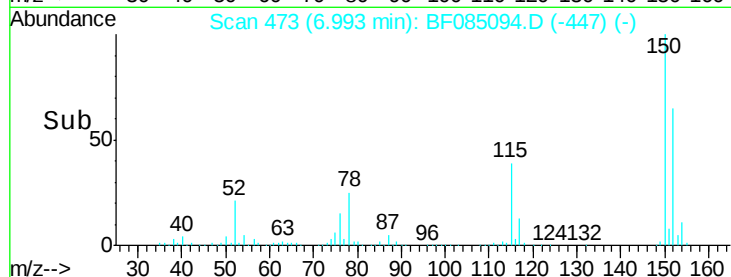
115 60.3 50.5 75.7



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: 109.01 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085094.D

Acq: 17 Feb 2016 18:52

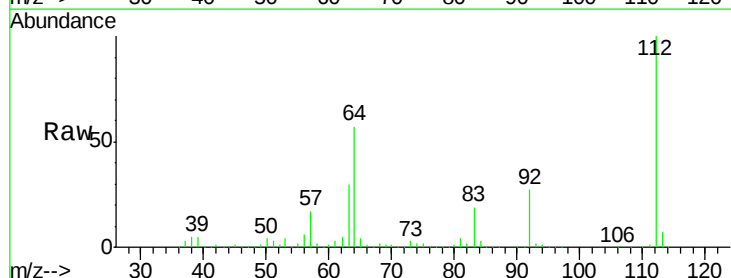
Tgt Ion:112 Resp: 1378969

Ion Ratio Lower Upper

112 100

64 56.5 45.4 68.2

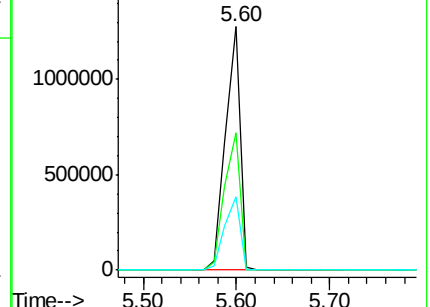
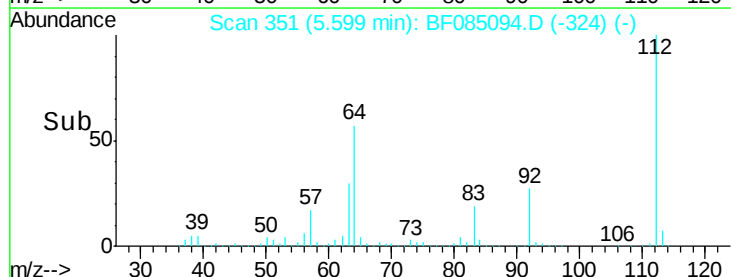
63 29.9 23.2 34.8

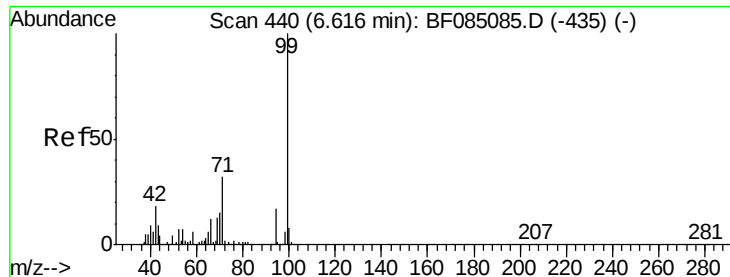


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.86 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085094.D

Acq: 17 Feb 2016 18:52

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)RE

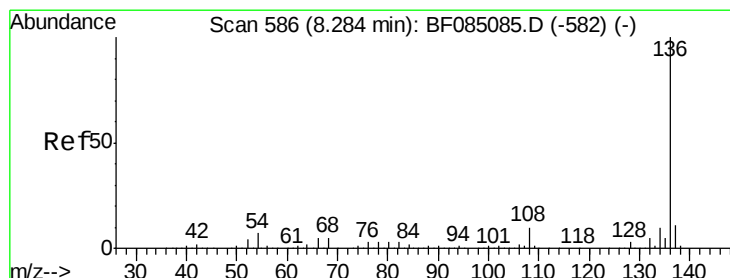
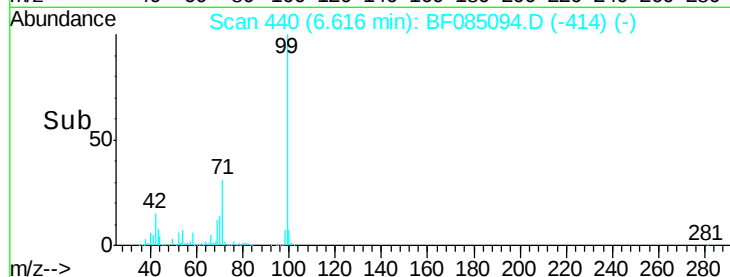
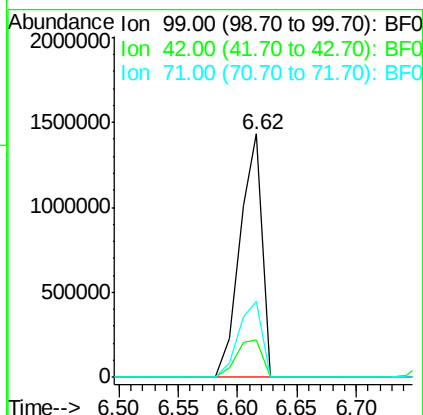
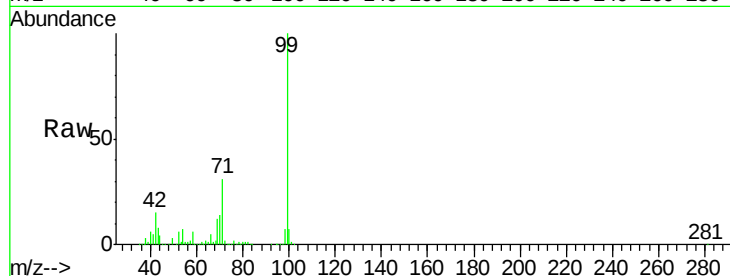
Tot Ion: 99 Resp: 1842492

Ion Ratio Lower Upper

99 100

42 15.2 17.0 25.4#

71 31.2 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085094.D

Acq: 17 Feb 2016 18:52

Tgt Ion: 136 Resp: 754876

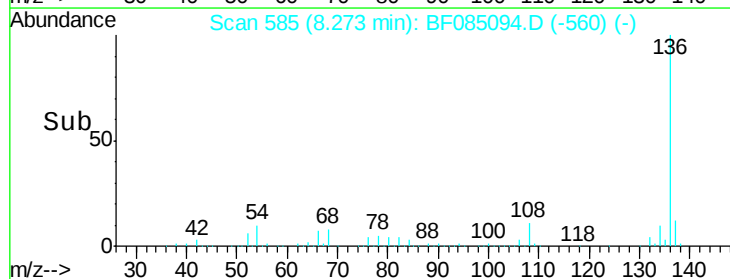
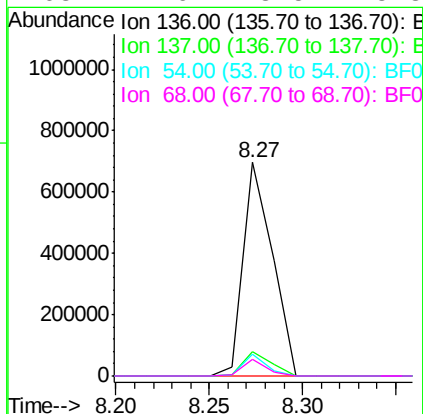
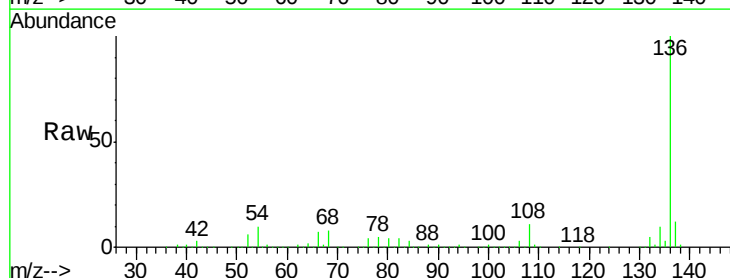
Ion Ratio Lower Upper

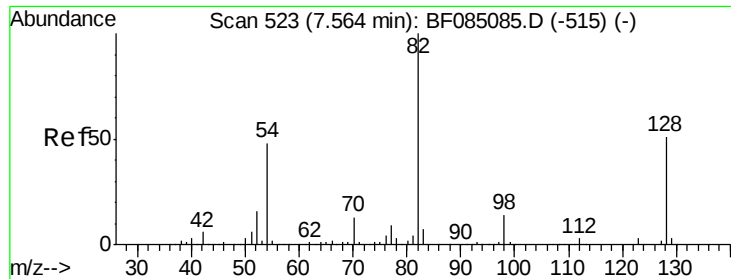
136 100

137 11.7 8.9 13.3

54 10.3 6.1 9.1#

68 7.6 3.5 5.3#

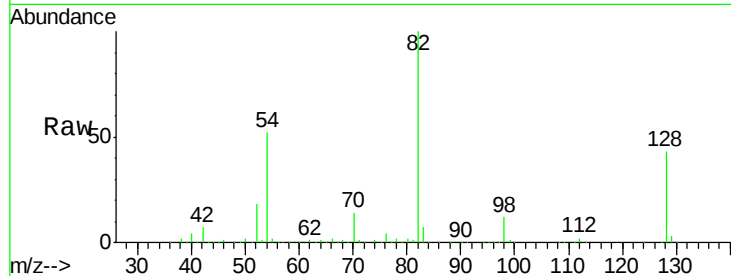




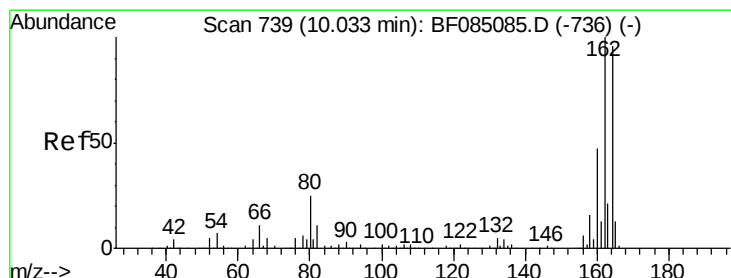
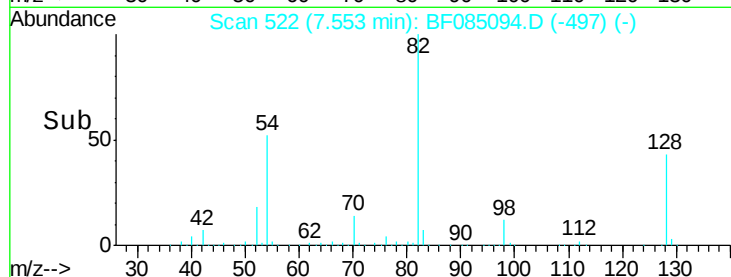
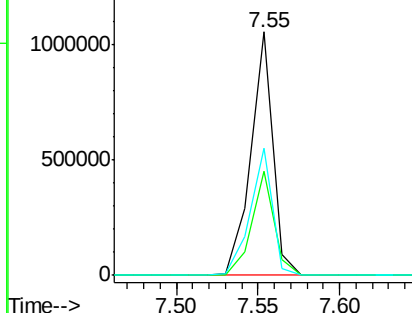
#23
Nitrobenzene-d5
Concen: 80.49 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085094.D
Acq: 17 Feb 2016 18:52

Instrument :
BNA_F
ClientSampleId :
S4-B018(22-24)RE

Tot Ion	82	Resp	991252
Ion Ratio	100	Lower	Upper
128	43.0	36.8	55.2
54	52.4	44.4	66.6

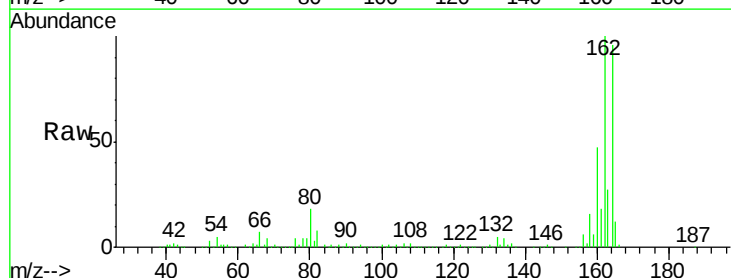


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

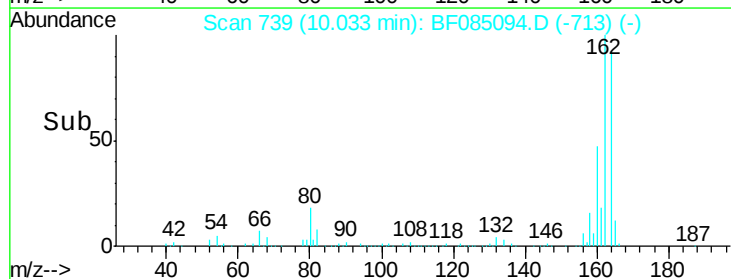
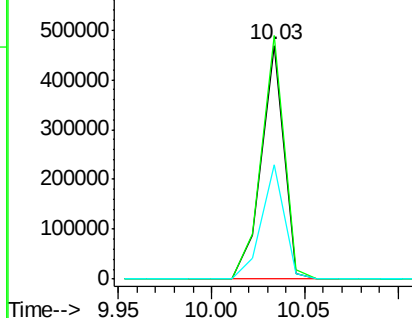


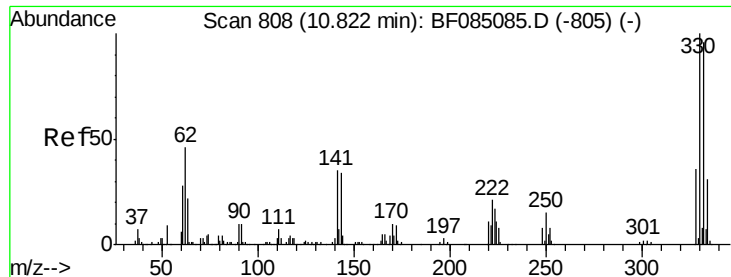
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085094.D
Acq: 17 Feb 2016 18:52

Tgt Ion	164	Resp	391988
Ion Ratio	100	Lower	Upper
162	104.2	81.1	121.7
160	48.7	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

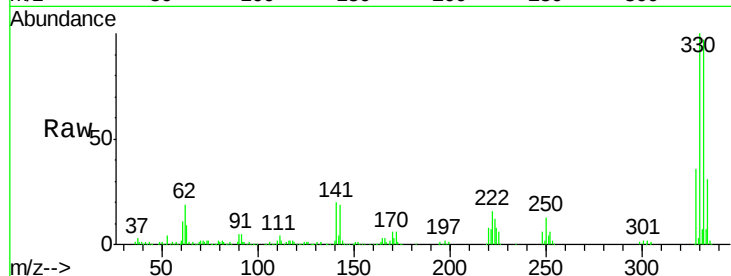




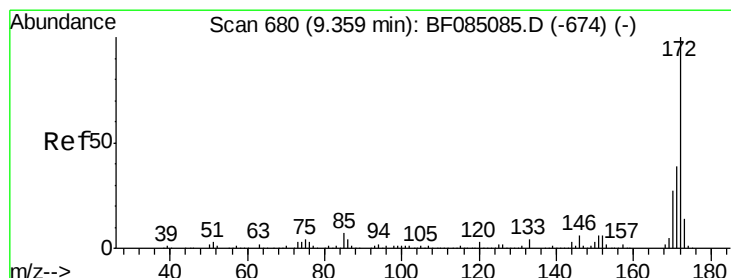
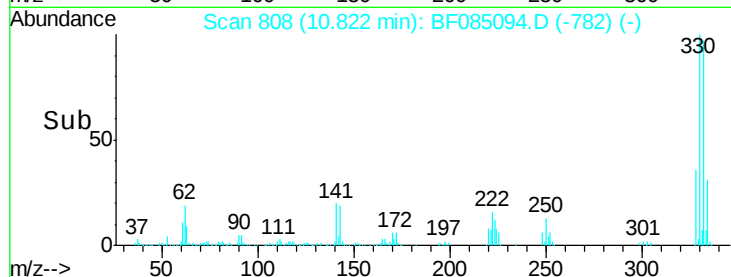
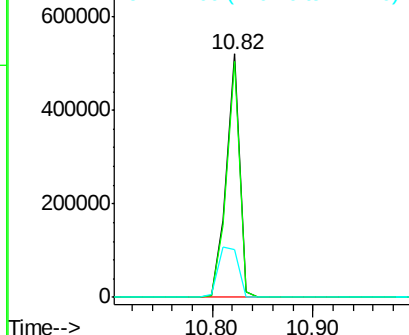
#41
 2,4,6-Tribromophenol
 Concen: 116.32 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085094.D
 Acq: 17 Feb 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(22-24)RE

Tot Ion:330 Resp: 484066
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.5 117.7
 141 31.2 28.6 42.8

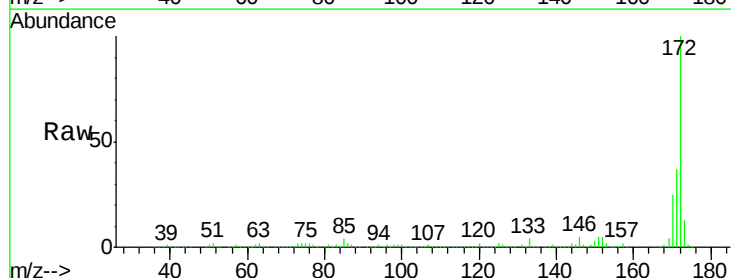


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

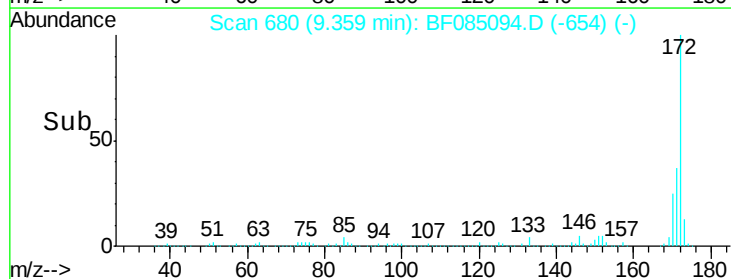
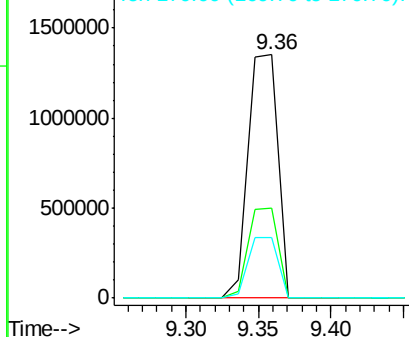


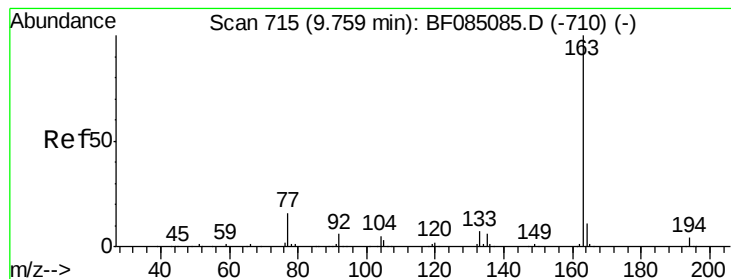
#44
 2-Fluorobiphenyl
 Concen: 72.40 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085094.D
 Acq: 17 Feb 2016 18:52

Tgt Ion:172 Resp: 1920438
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 25.1 19.6 29.4



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: 11.87 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085094.D

Acq: 17 Feb 2016 18:52

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)RE

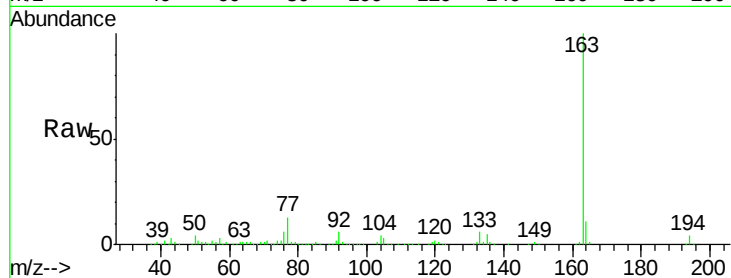
Tot Ion:163 Resp: 341552

Ion Ratio Lower Upper

163 100

194 4.2 2.5 3.7#

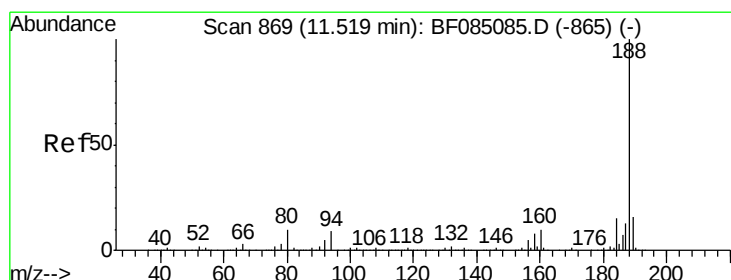
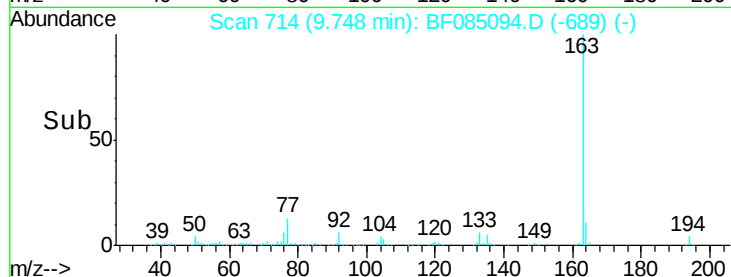
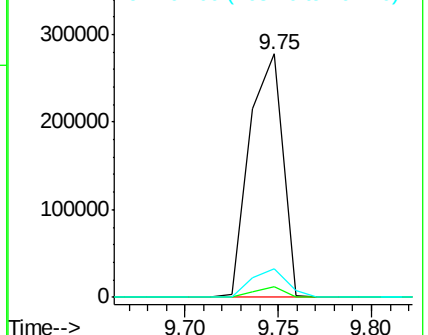
164 11.5 7.8 11.8



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: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085094.D

Acq: 17 Feb 2016 18:52

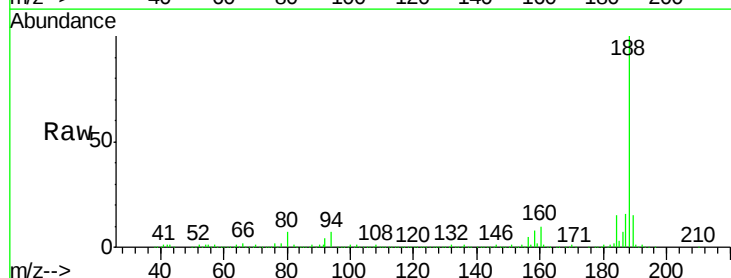
Tgt Ion:188 Resp: 702708

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.2

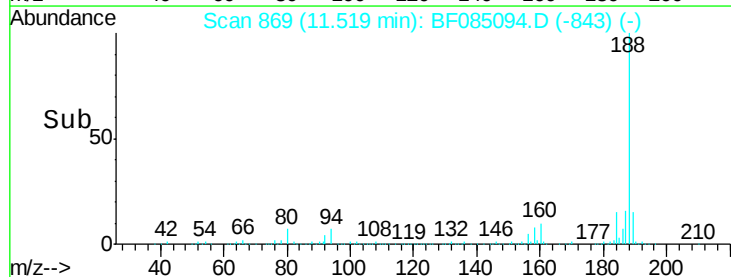
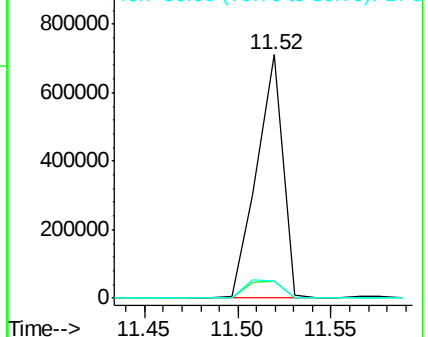
80 7.1 6.6 9.8

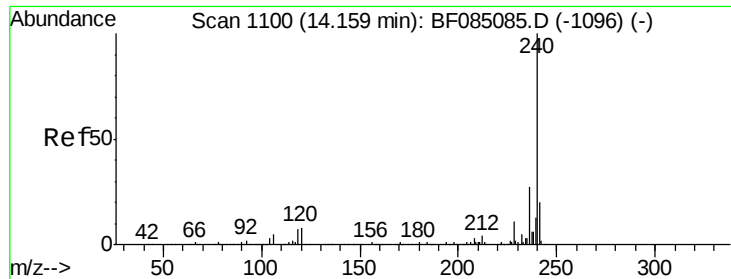


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

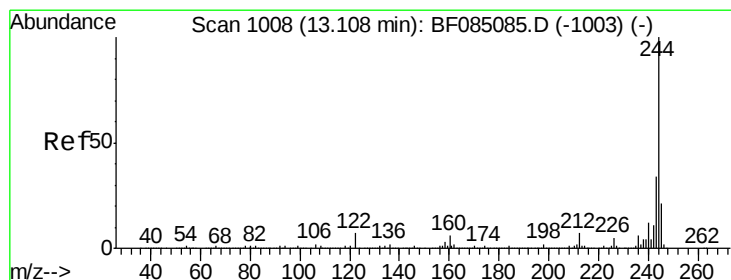
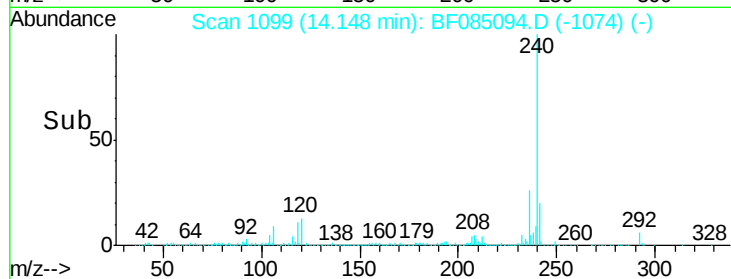
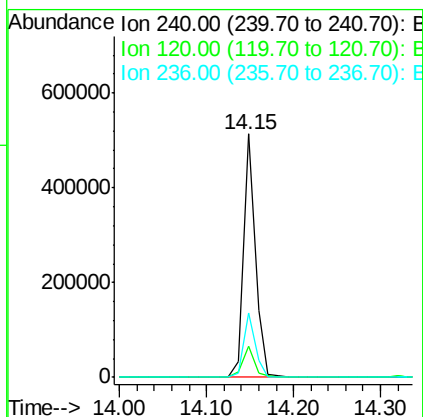
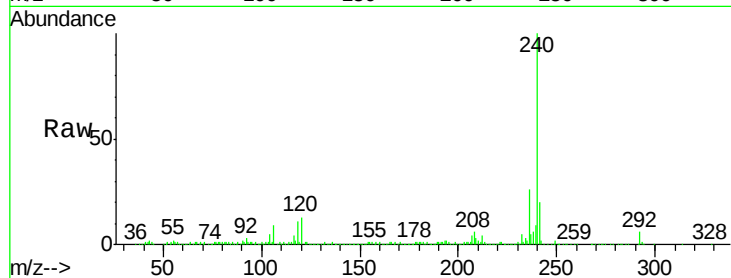




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF085094.D
 Acq: 17 Feb 2016 18:52

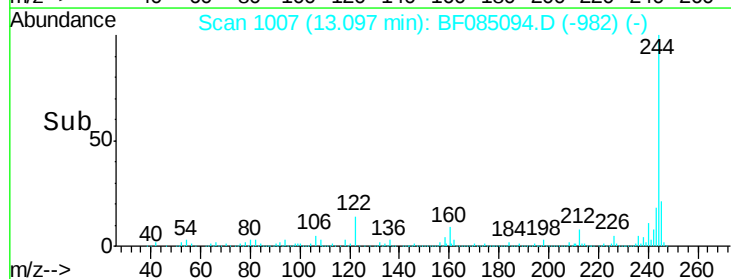
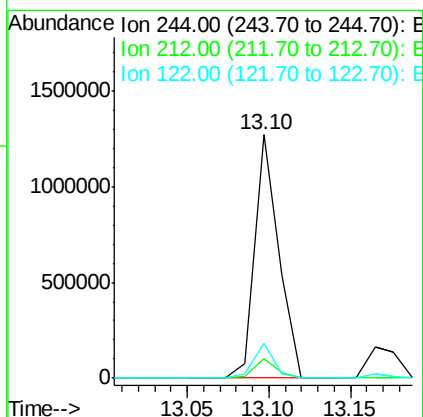
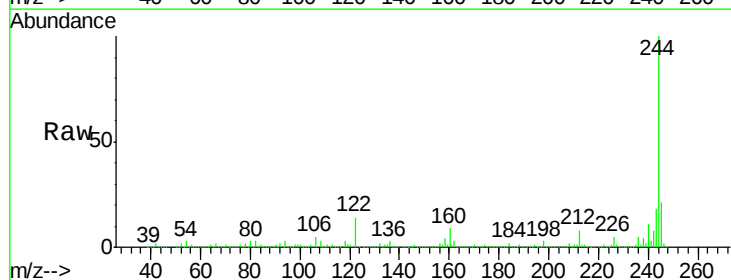
Instrument :
 BNA_F
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 S4-B018(22-24)RE

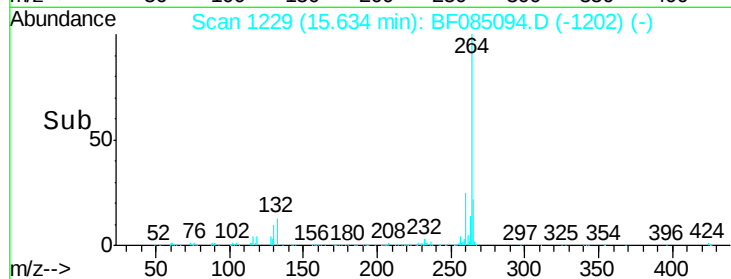
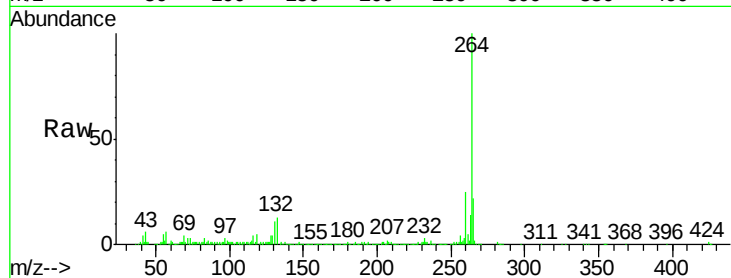
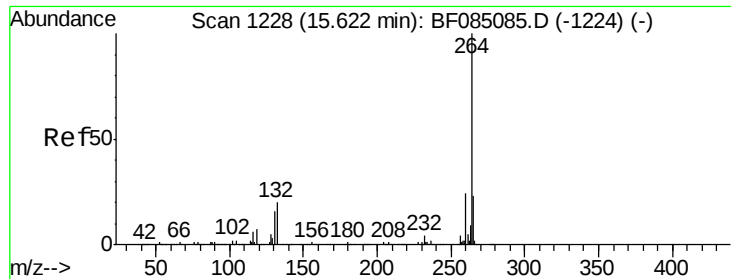
Tot Ion:240 Resp: 481371
 Ion Ratio Lower Upper
 240 100
 120 13.0 7.0 10.6#
 236 26.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 75.77 ng
 RT: 13.10 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF085094.D
 Acq: 17 Feb 2016 18:52

Tgt Ion:244 Resp: 1302295
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 14.3 10.1 15.1





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF085094.D

Acq: 17 Feb 2016 18:52

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)RE

Tot Ion:264 Resp: 477505

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 22.0 16.7 25.1

