

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085076.D
 Acq On : 13 Feb 2016 10:16
 Operator : SJ/IZ
 Sample : H1409-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

Quant Time: Feb 15 02:17:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

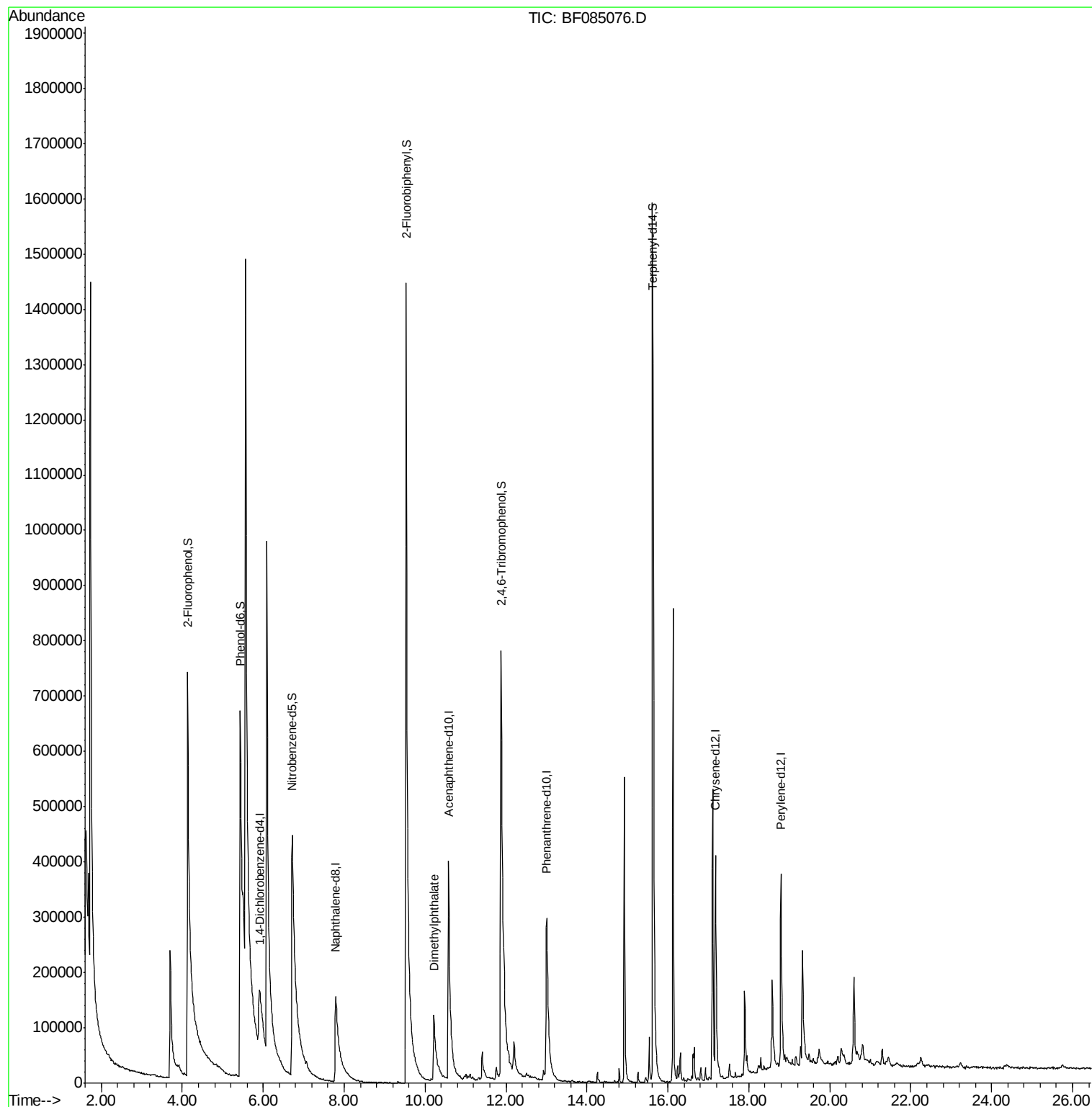
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	119596	20.00	ng	0.02
21) Naphthalene-d8	7.79	136	552515	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	270704	20.00	ng	0.00
63) Phenanthrene-d10	13.01	188	502916	20.00	ng	0.01
75) Chrysene-d12	17.18	240	320598	20.00	ng	0.00
86) Perylene-d12	18.80	264	268964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1084217	158.52	ng	-0.02
7) Phenol-d6	5.43	99	1542476	169.21	ng	-0.01
23) Nitrobenzene-d5	6.72	82	965640	103.21	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	406777	145.49	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1612734	85.16	ng	0.00
78) Terphenyl-d14	15.62	244	1222234	78.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.22	163	267872	13.20	ng	Qvalue 99

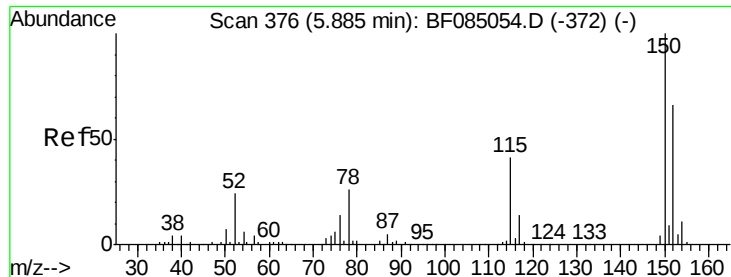
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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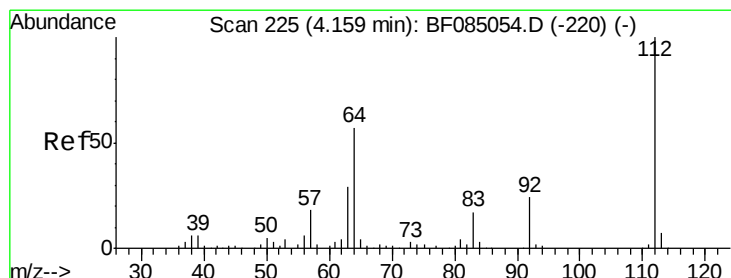
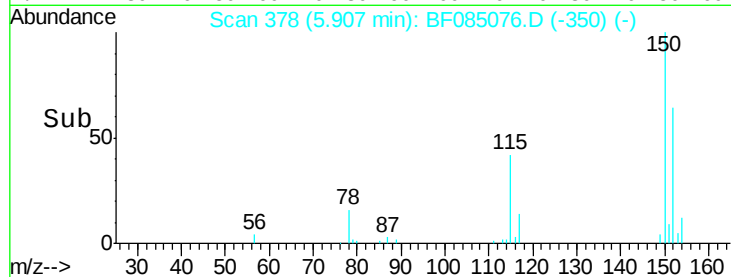
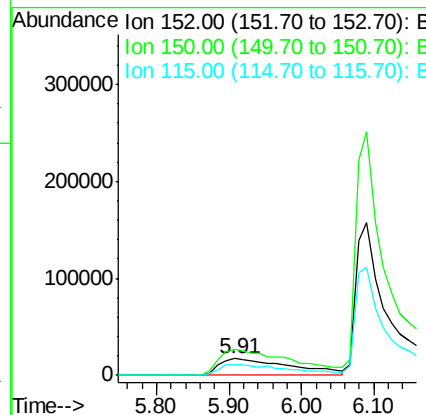
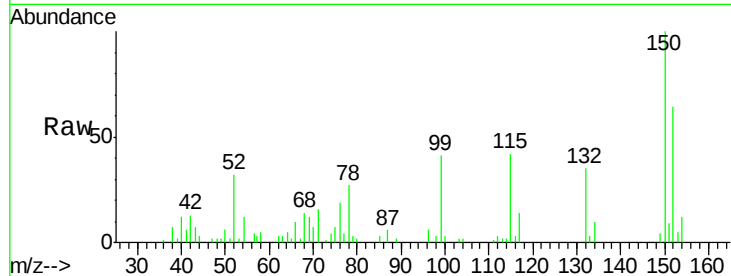


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 378
 Delta R.T. 0.02 min
 Lab File: BF085076.D
 Acq: 13 Feb 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

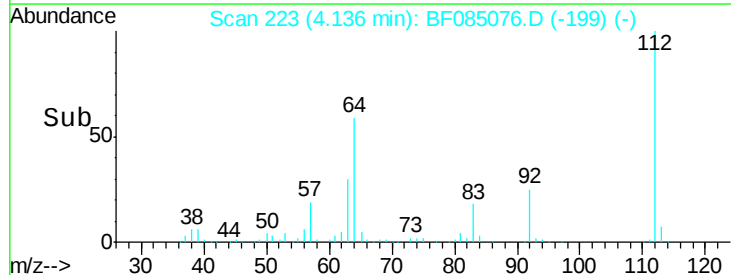
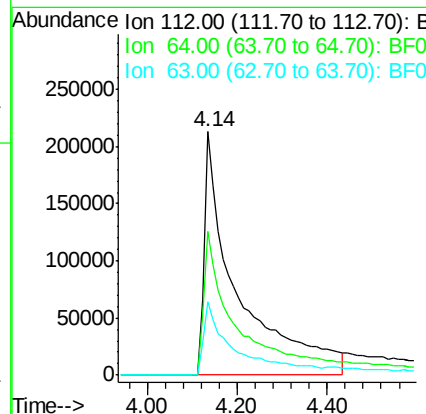
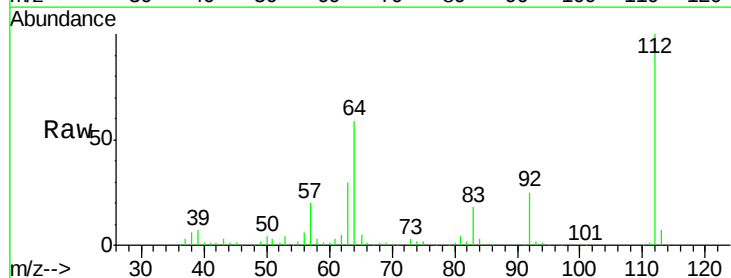
Tot Ion:152 Resp: 119596
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.4 191.2
 115 65.6 50.5 75.7

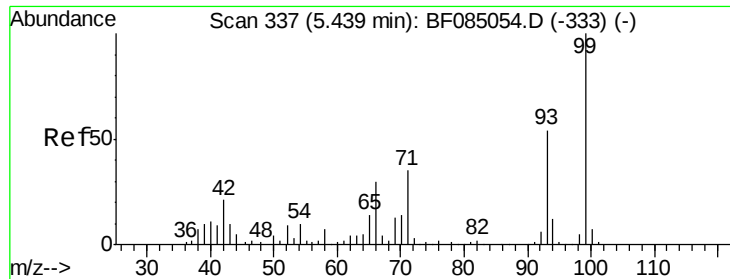


#5

2-Fluorophenol
 Concen: 158.52 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085076.D
 Acq: 13 Feb 2016 10:16

Tgt Ion:112 Resp: 1084217
 Ion Ratio Lower Upper
 112 100
 64 58.9 45.4 68.2
 63 30.2 23.2 34.8





#7

Phenol-d6

Concen: 169.21 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

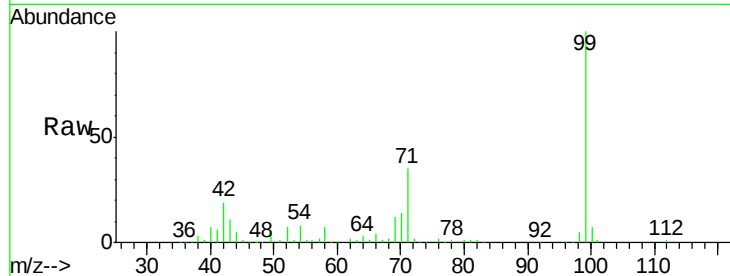
Tot Ion: 99 Resp: 1542476

Ion Ratio Lower Upper

99 100

42 19.2 17.0 25.4

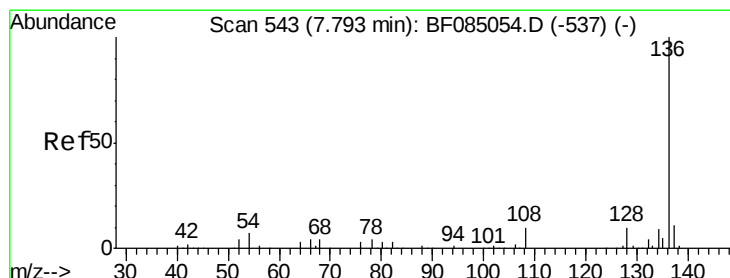
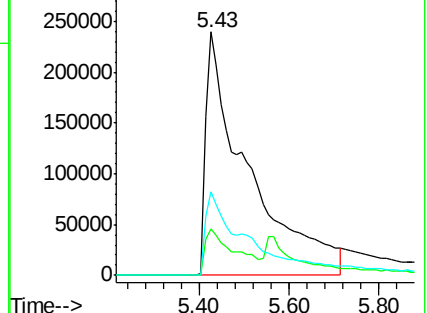
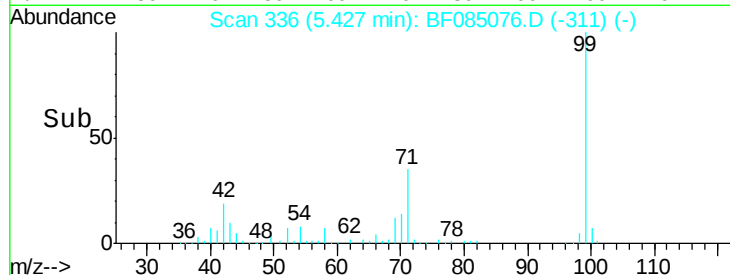
71 34.5 28.3 42.5



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: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Tgt Ion:136 Resp: 552515

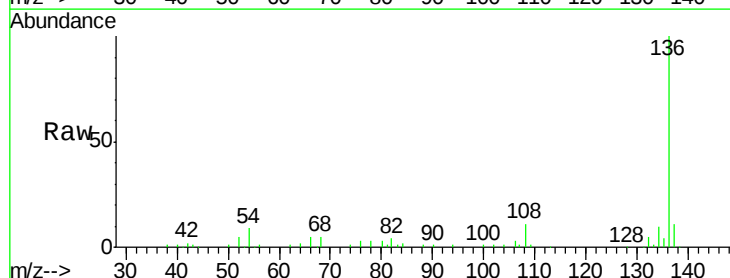
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 6.1 9.1

68 4.9 3.5 5.3

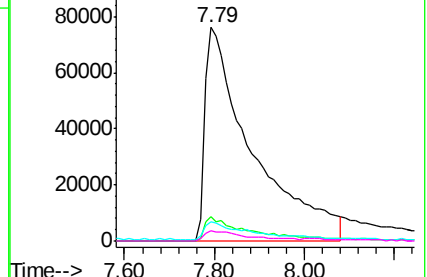
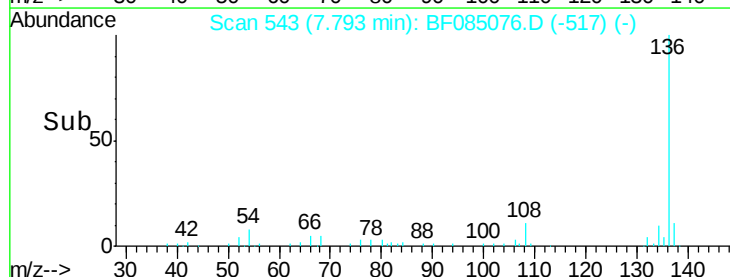


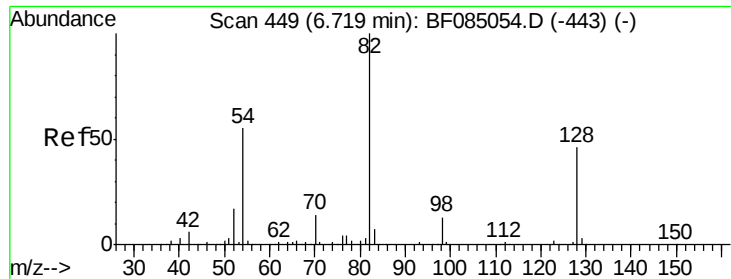
Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.21 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

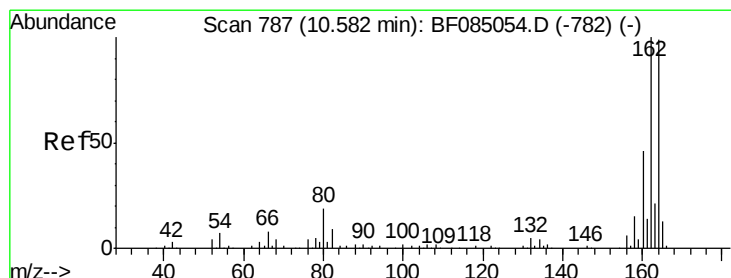
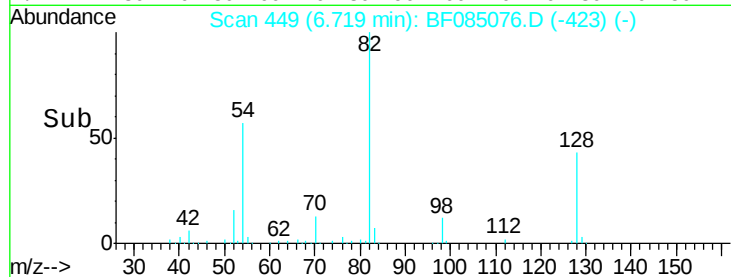
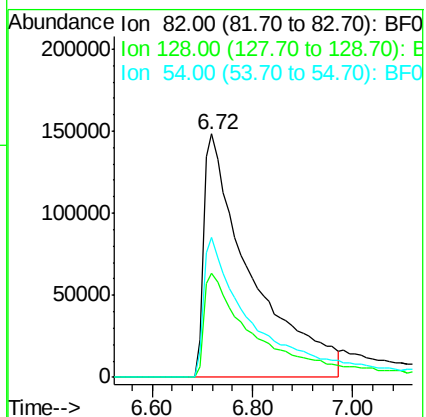
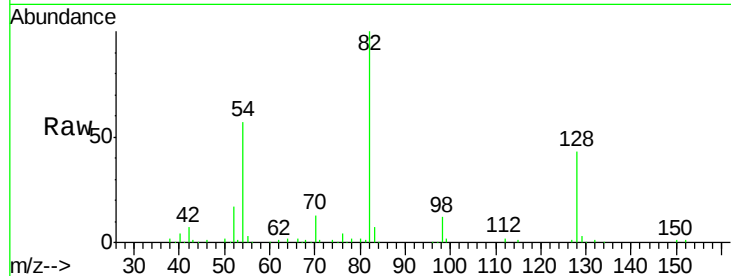
Tot Ion: 82 Resp: 965640

Ion Ratio Lower Upper

82 100

128 42.9 36.8 55.2

54 57.2 44.4 66.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

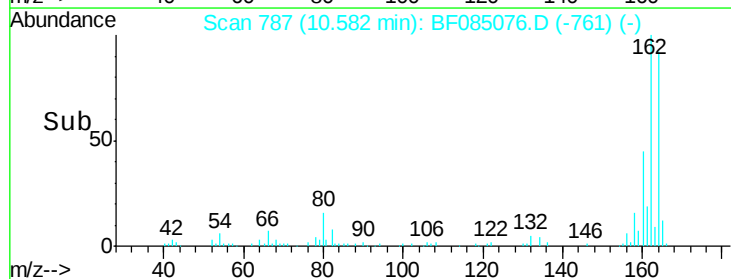
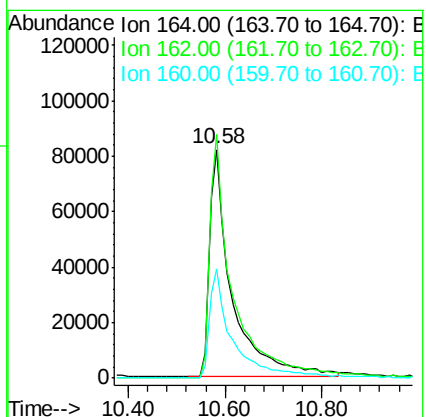
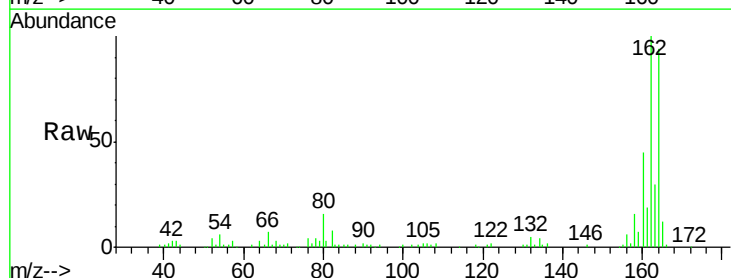
Tgt Ion:164 Resp: 270704

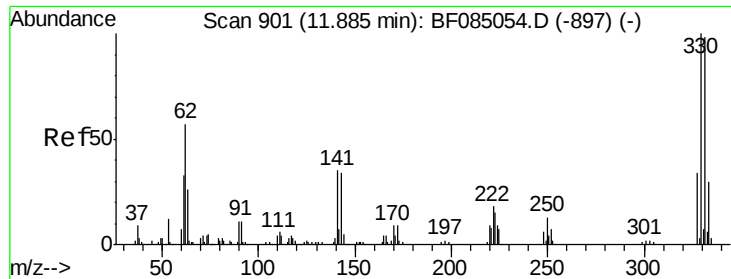
Ion Ratio Lower Upper

164 100

162 106.6 81.1 121.7

160 48.0 37.4 56.0

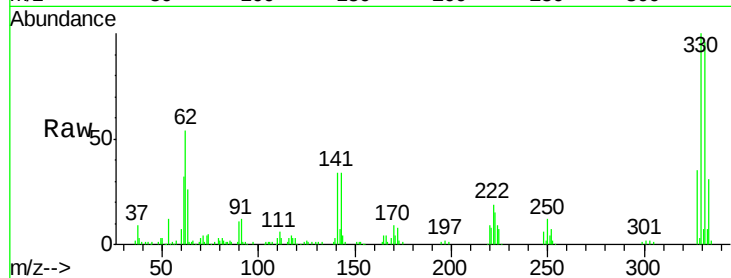




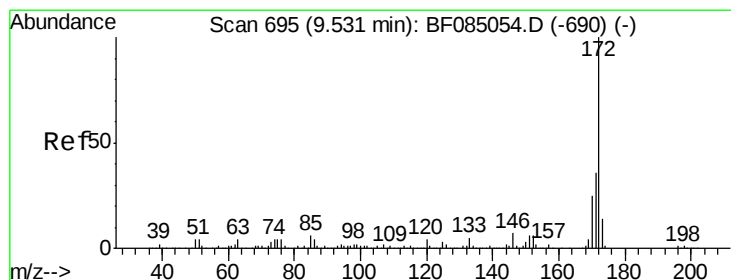
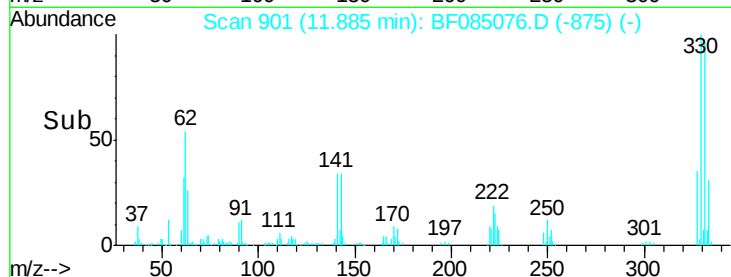
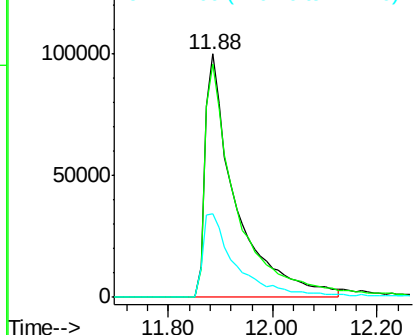
#41
 2,4,6-Tribromophenol
 Concen: 145.49 ng
 RT: 11.88 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085076.D
 Acq: 13 Feb 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.5	117.7
141	37.7	28.6	42.8

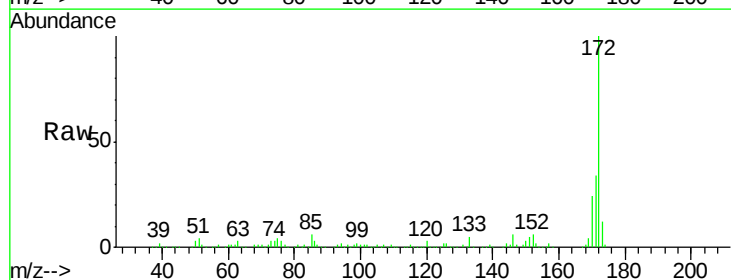


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

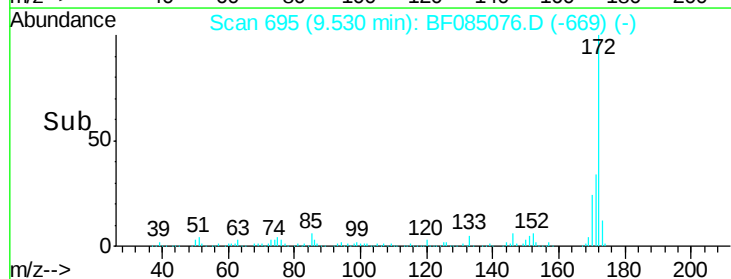
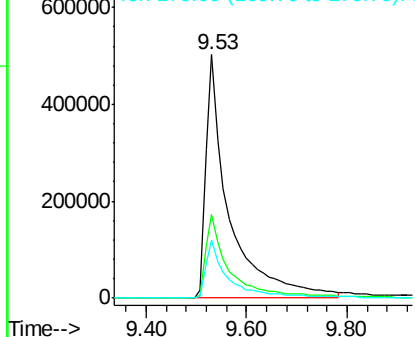


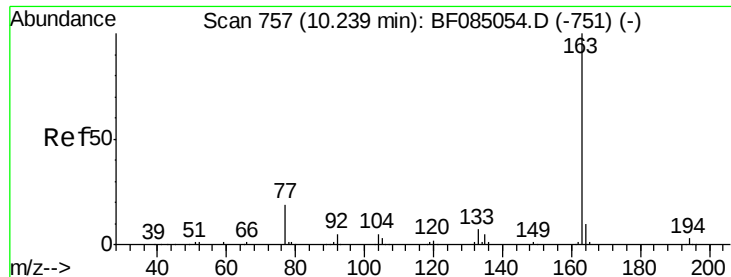
#44
 2-Fluorobiphenyl
 Concen: 85.16 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085076.D
 Acq: 13 Feb 2016 10:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.1	43.7
170	23.7	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

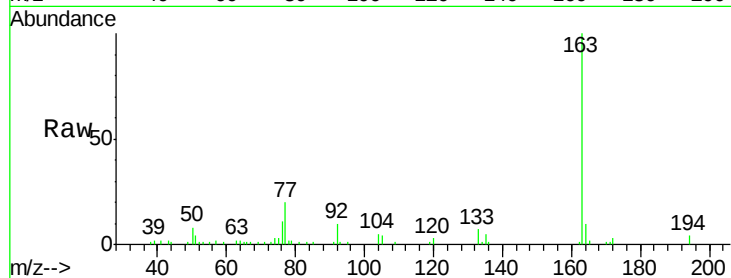




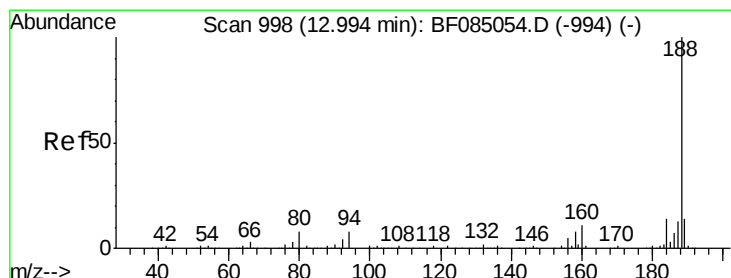
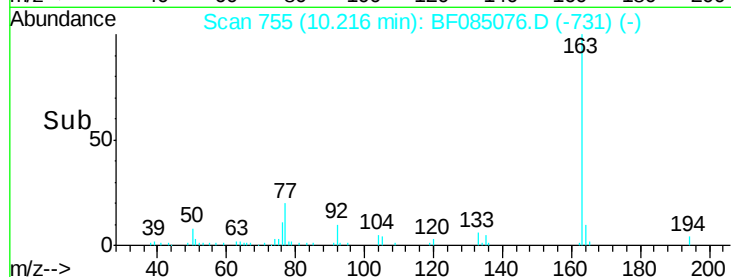
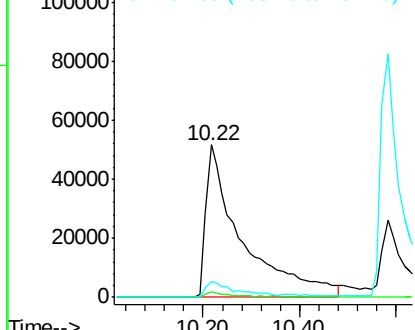
#49
Dimethylphthalate
Concen: 13.20 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Instrument :
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ClientSampleID :
SUP-B039(9-11)

Tot Ion:163 Resp: 267872
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 10.3 7.8 11.8

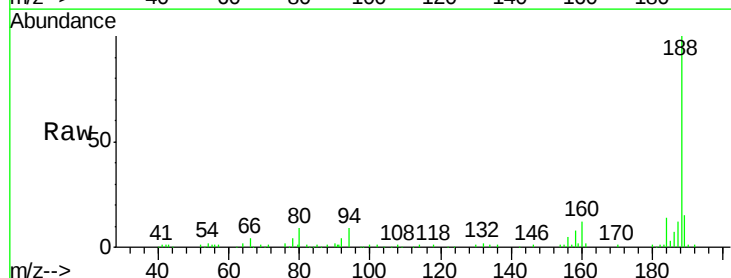


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

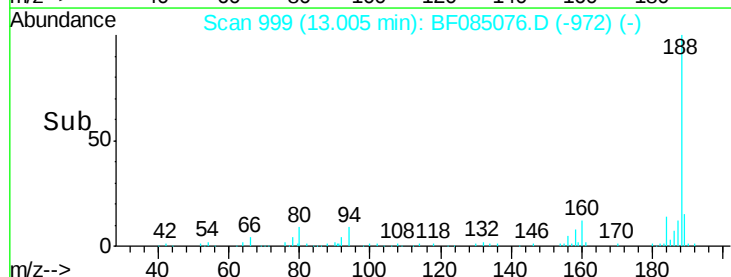
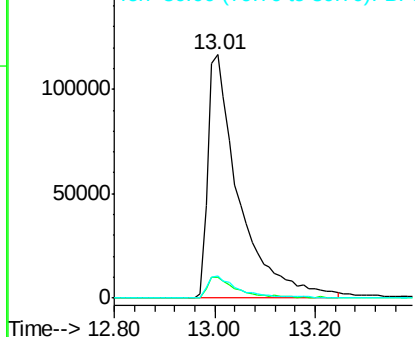


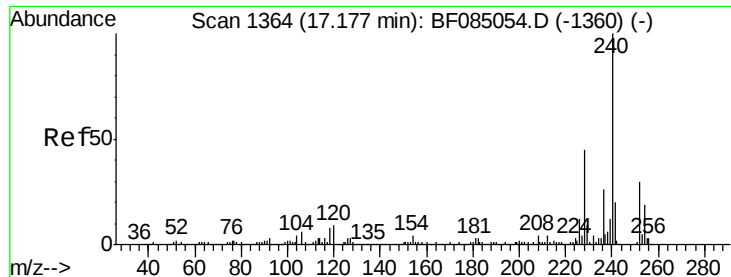
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.01 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Tgt Ion:188 Resp: 502916
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.1 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

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

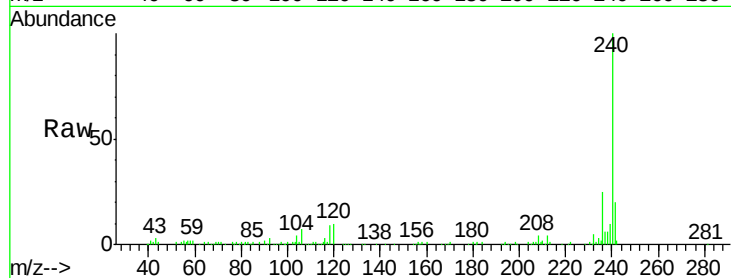
Tot Ion:240 Resp: 320598

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

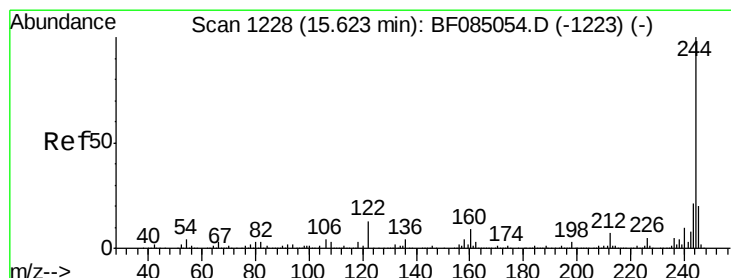
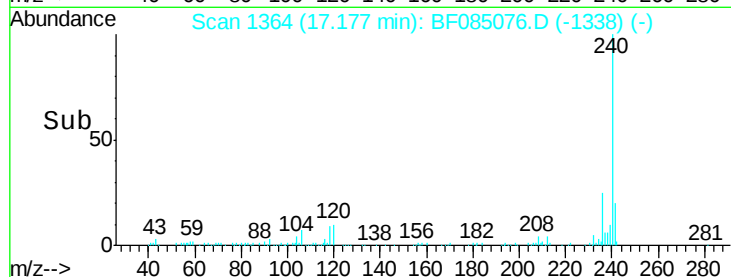
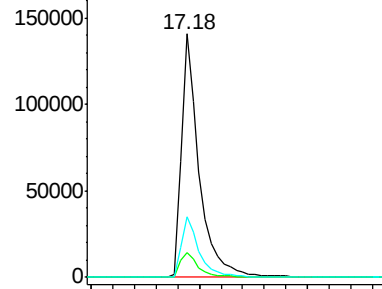
236 24.7 20.5 30.7



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: 78.46 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

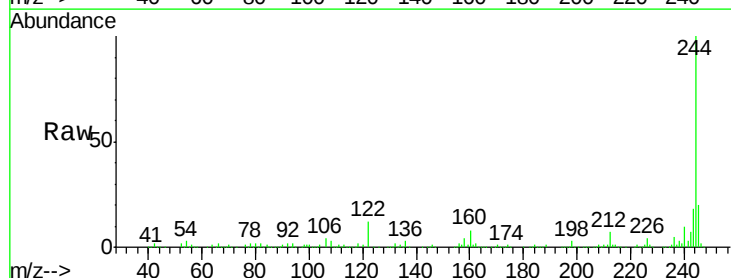
Tgt Ion:244 Resp: 1222234

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

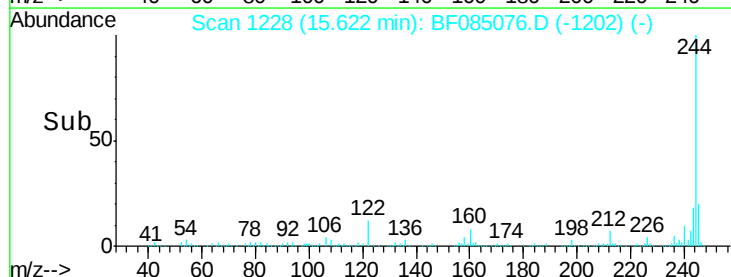
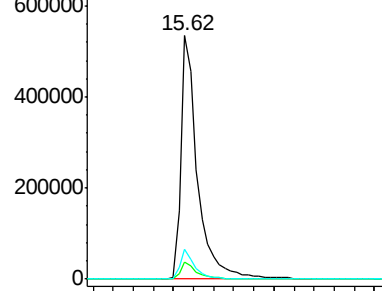
122 12.1 10.1 15.1

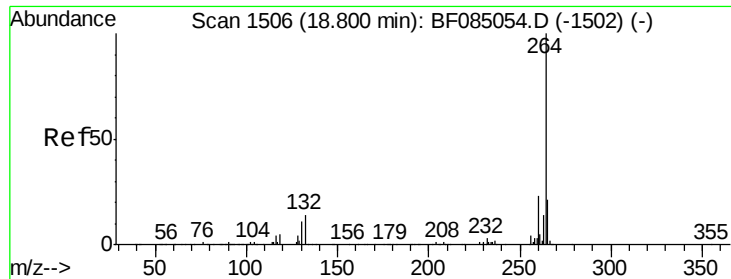


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085076.D
 Acq: 13 Feb 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	21.1	16.7	25.1

