

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085067.D
 Acq On : 13 Feb 2016 4:59
 Operator : SJ/IZ
 Sample : H1396-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(6-8)

Quant Time: Feb 13 06:38:38 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

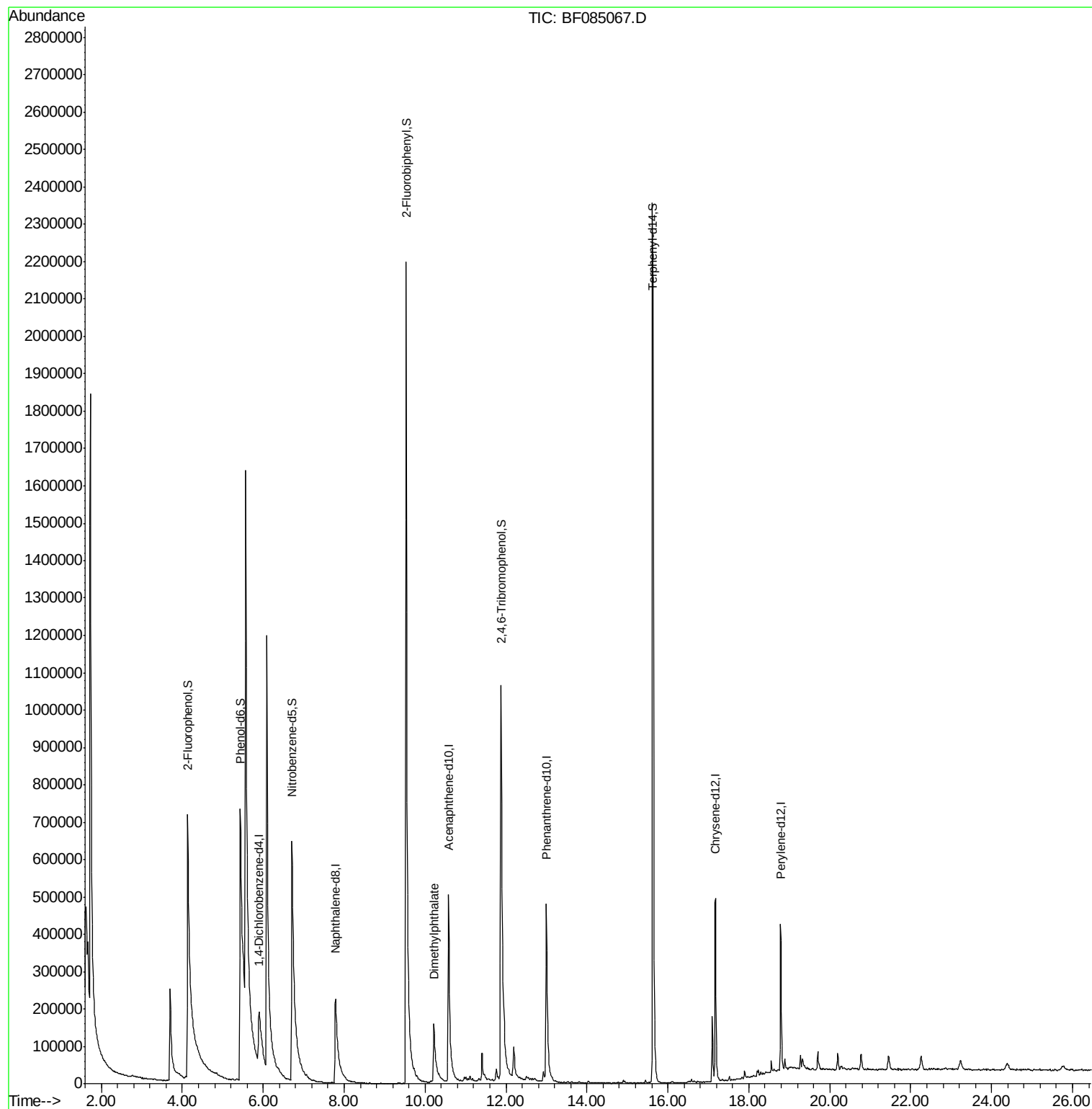
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	131667	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	614142	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	300544	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	554353	20.00	ng	0.00
75) Chrysene-d12	17.18	240	374291	20.00	ng	0.00
86) Perylene-d12	18.79	264	279053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1096703	145.64	ng	-0.02
7) Phenol-d6	5.43	99	1574823	156.92	ng	-0.01
23) Nitrobenzene-d5	6.71	82	1044075	100.39	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	456463	147.05	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1964228	93.42	ng	0.00
78) Terphenyl-d14	15.62	244	1637377	90.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.22	163	295362	13.11	ng	Qvalue 100

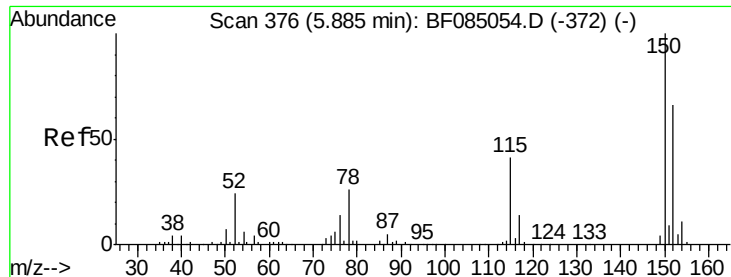
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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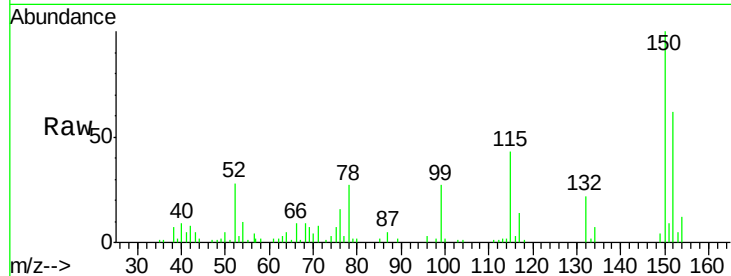


#1

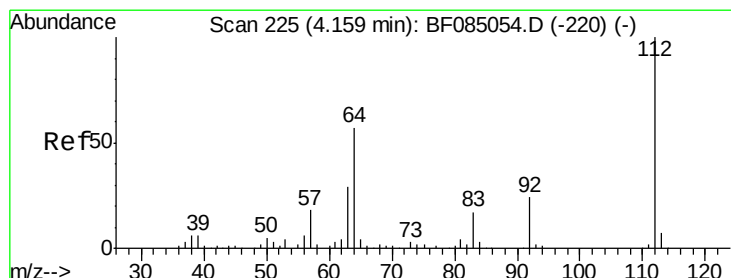
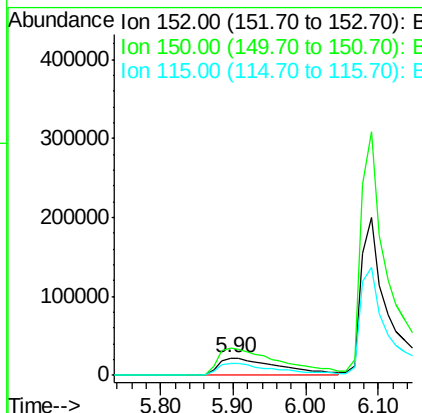
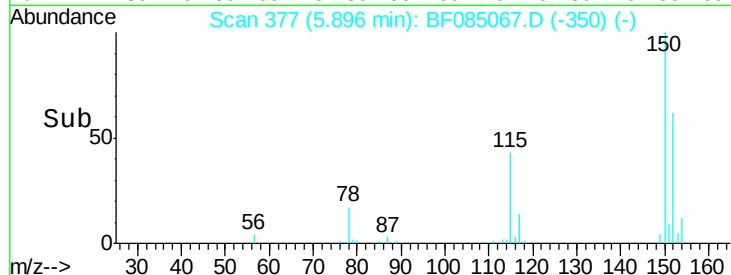
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.90 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: BF085067.D
 Acq: 13 Feb 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.4	191.2
115	69.0	50.5	75.7



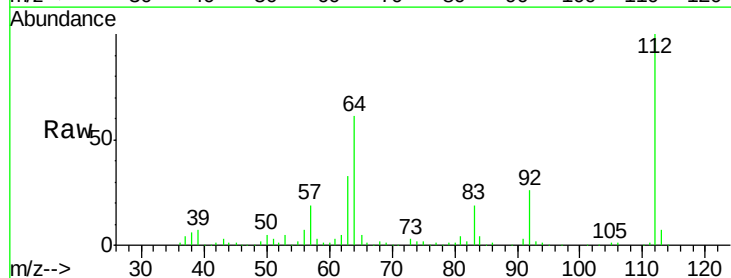
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



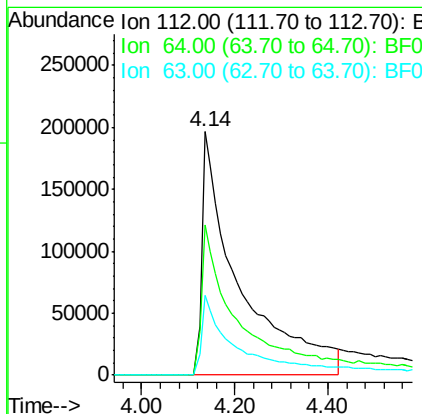
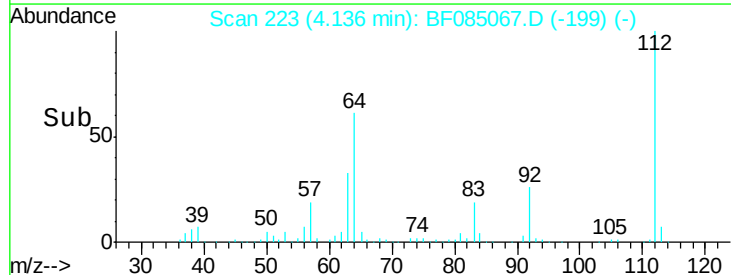
#5

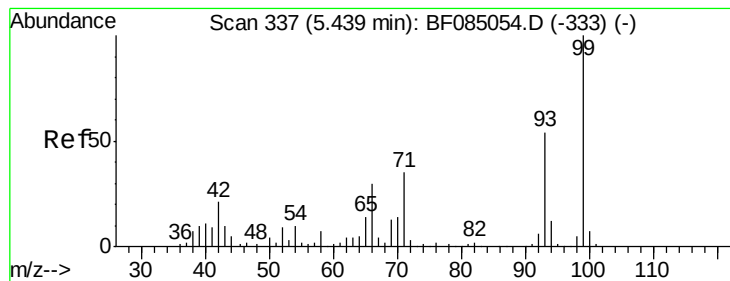
2-Fluorophenol
 Concen: 145.64 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085067.D
 Acq: 13 Feb 2016 4:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	45.4	68.2
63	32.6	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: 156.92 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085067.D

Acq: 13 Feb 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SUP-B001(6-8)

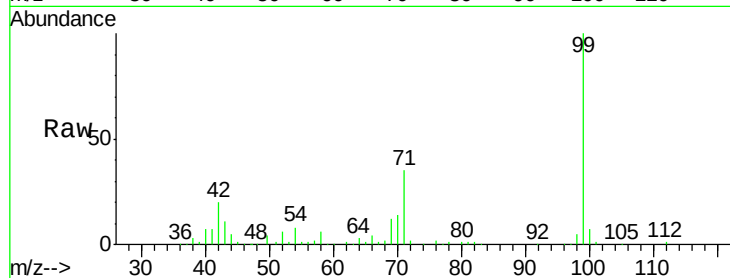
Tot Ion: 99 Resp: 1574823

Ion Ratio Lower Upper

99 100

42 19.7 17.0 25.4

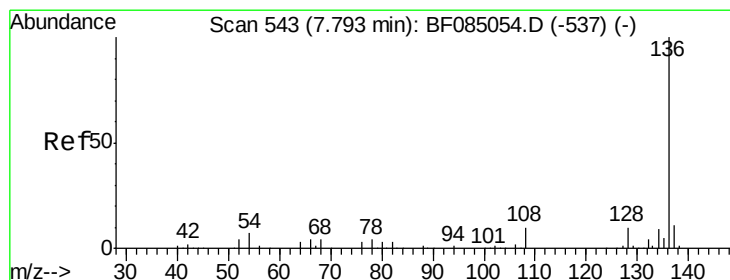
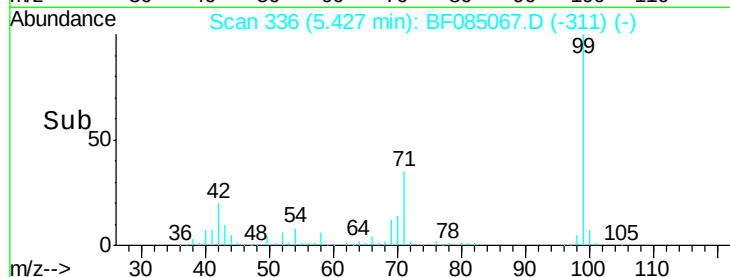
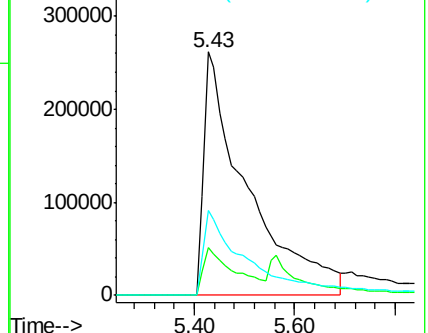
71 34.9 28.3 42.5



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: BF085067.D

Acq: 13 Feb 2016 4:59

Tgt Ion: 136 Resp: 614142

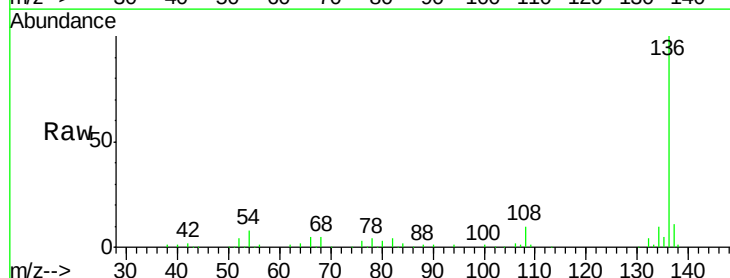
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.4 6.1 9.1

68 5.1 3.5 5.3

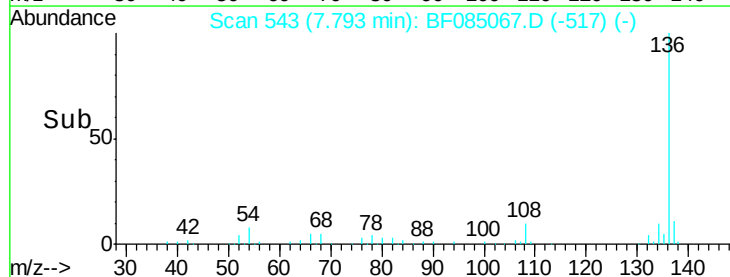
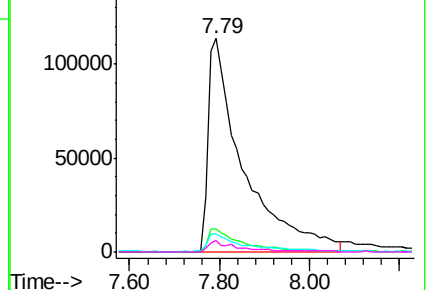


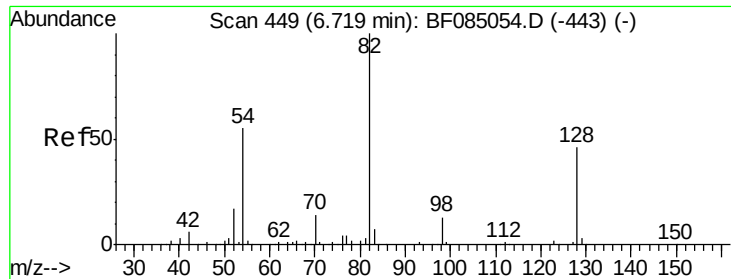
Abundance Ion 136.00 (135.70 to 136.70): E

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

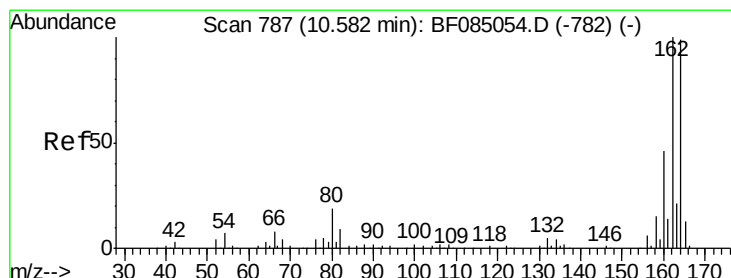
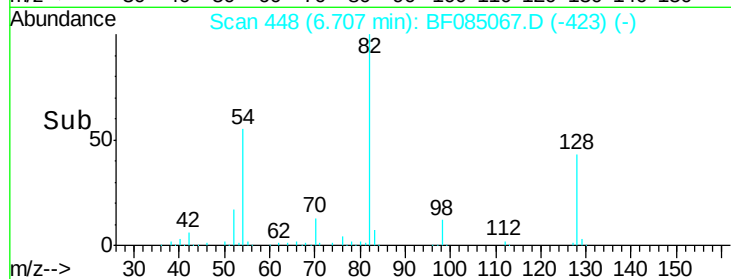
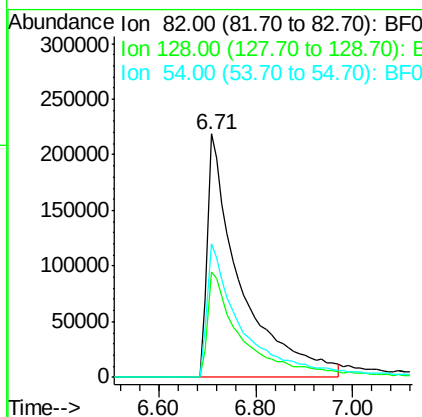
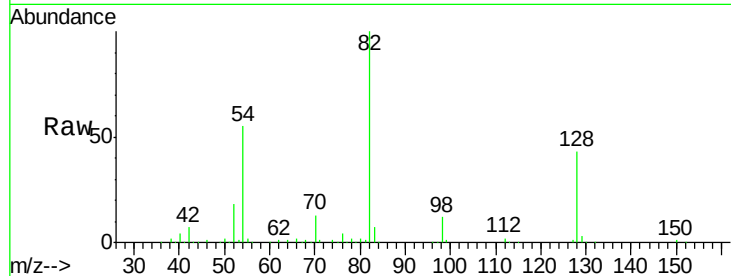




#23
 Nitrobenzene-d5
 Concen: 100.39 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF085067.D
 Acq: 13 Feb 2016 4:59

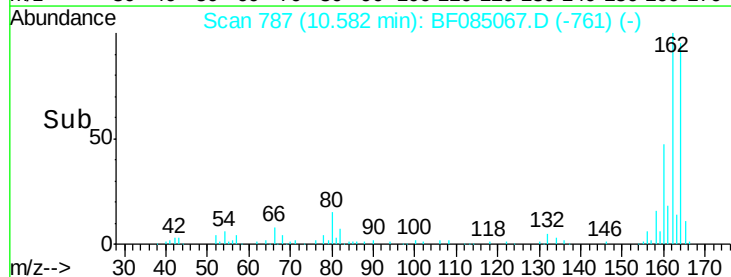
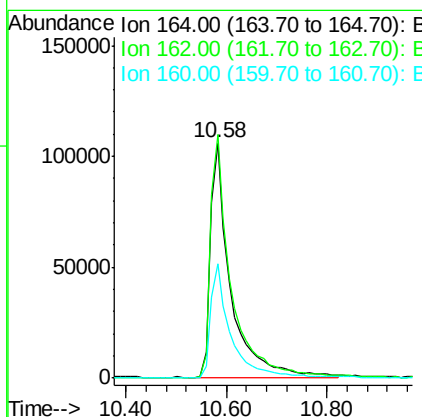
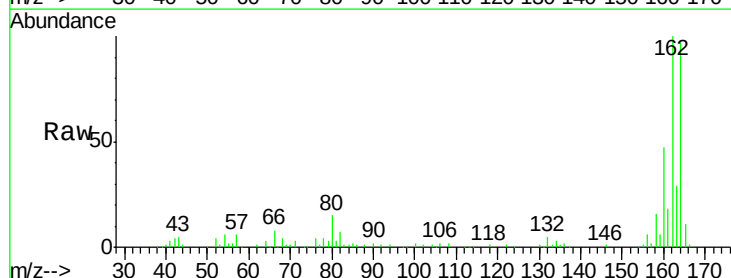
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(6-8)

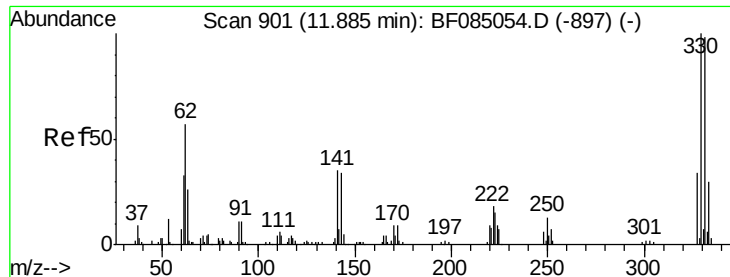
Tot Ion: 82 Resp: 1044075
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.8 55.2
 54 55.1 44.4 66.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085067.D
 Acq: 13 Feb 2016 4:59

Tgt Ion: 164 Resp: 300544
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.1 121.7
 160 48.3 37.4 56.0

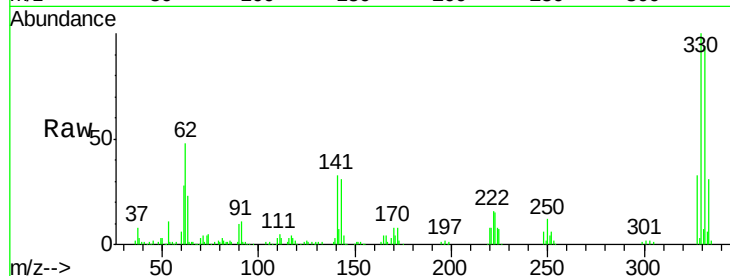




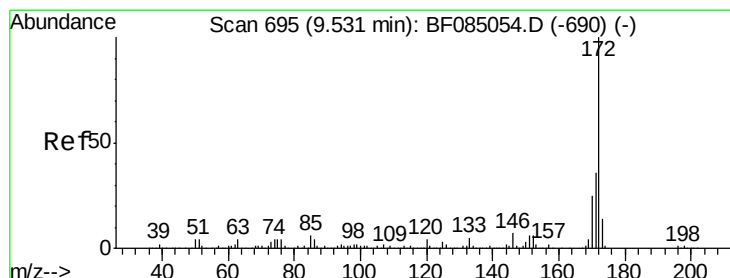
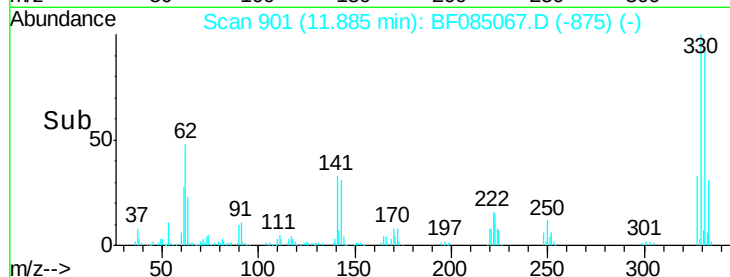
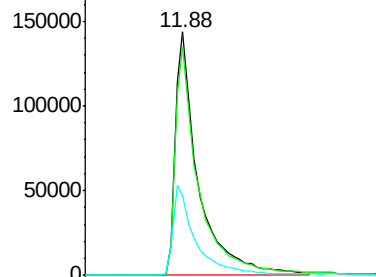
#41
 2,4,6-Tribromophenol
 Concen: 147.05 ng
 RT: 11.88 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085067.D
 Acq: 13 Feb 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(6-8)

Tot Ion:330 Resp: 456463
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.5 117.7
 141 37.0 28.6 42.8

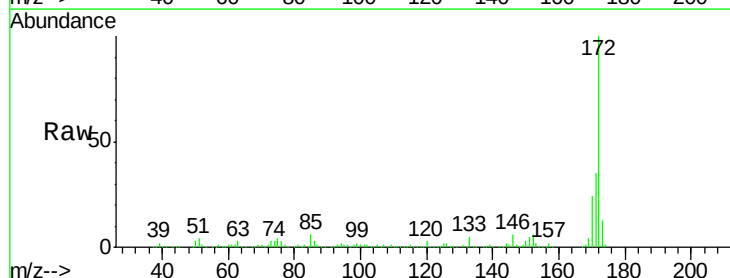


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

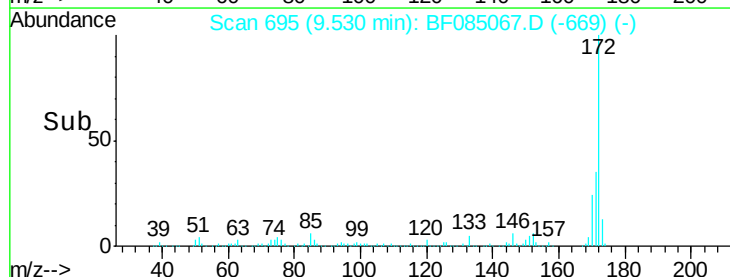
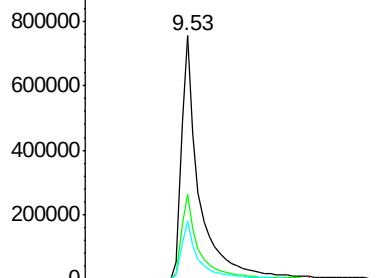


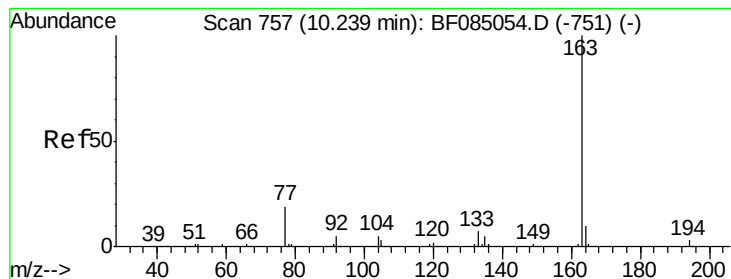
#44
 2-Fluorobiphenyl
 Concen: 93.42 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085067.D
 Acq: 13 Feb 2016 4:59

Tgt Ion:172 Resp: 1964228
 Ion Ratio Lower Upper
 172 100
 171 34.8 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: 13.11 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085067.D

Acq: 13 Feb 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SUP-B001(6-8)

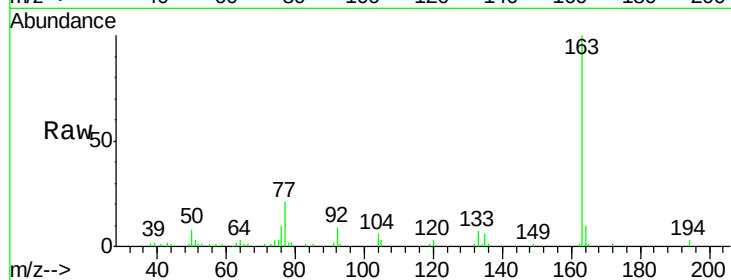
Tot Ion:163 Resp: 295362

Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

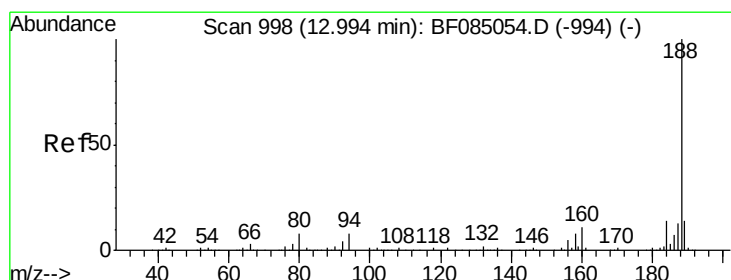
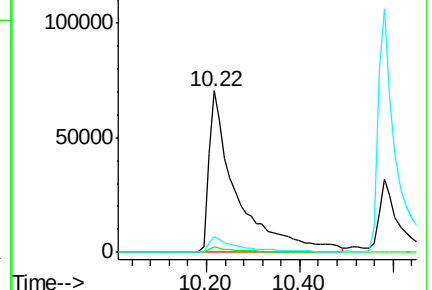
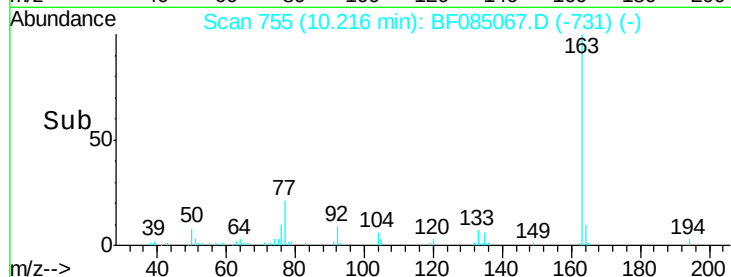
164 10.0 7.8 11.8



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: 12.99 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF085067.D

Acq: 13 Feb 2016 4:59

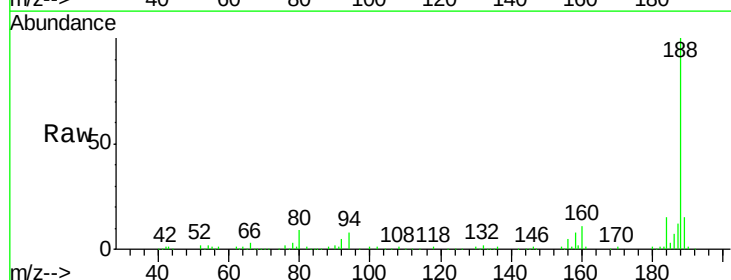
Tgt Ion:188 Resp: 554353

Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

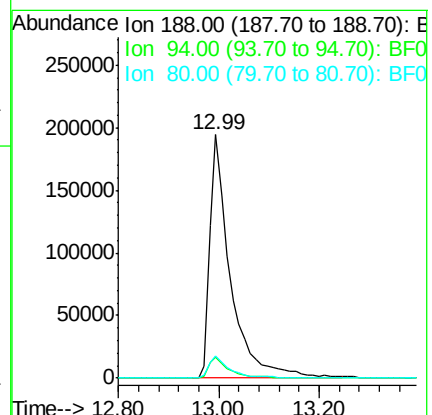
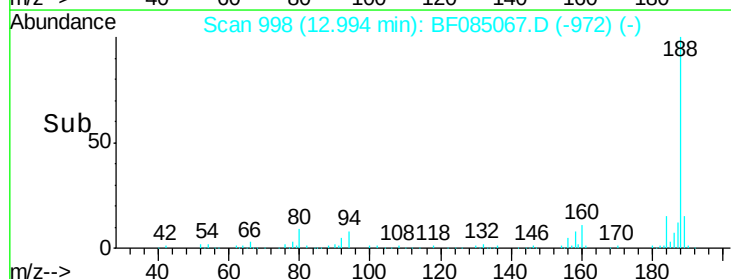
80 9.3 6.6 9.8

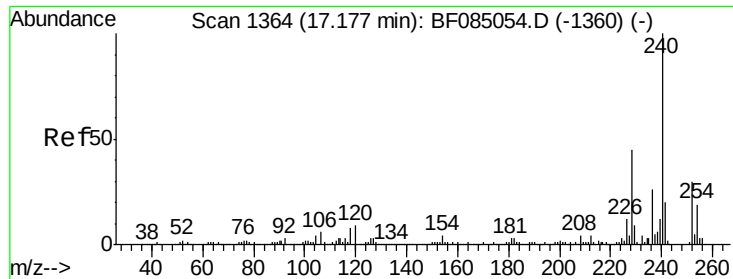


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085067.D

Acq: 13 Feb 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SUP-B001(6-8)

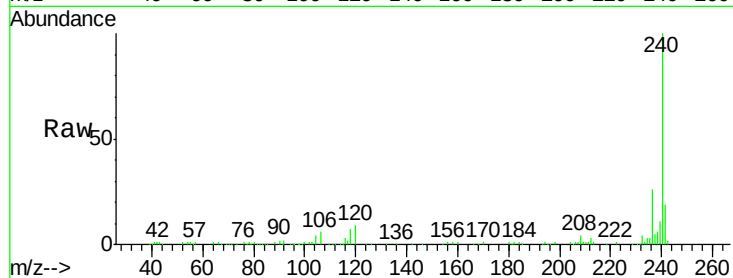
Tot Ion:240 Resp: 374291

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

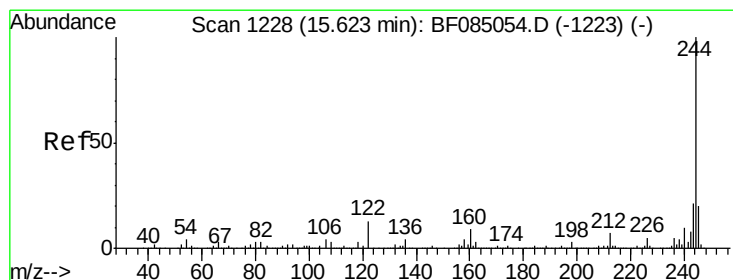
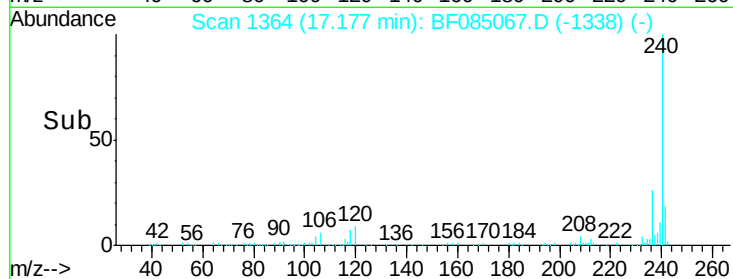
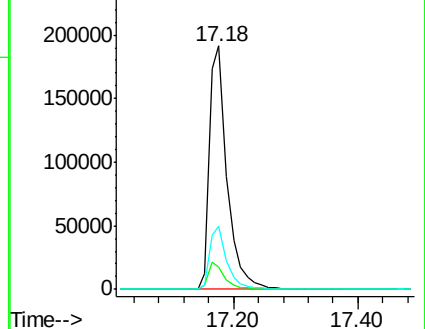
236 25.8 20.5 30.7



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: 90.04 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085067.D

Acq: 13 Feb 2016 4:59

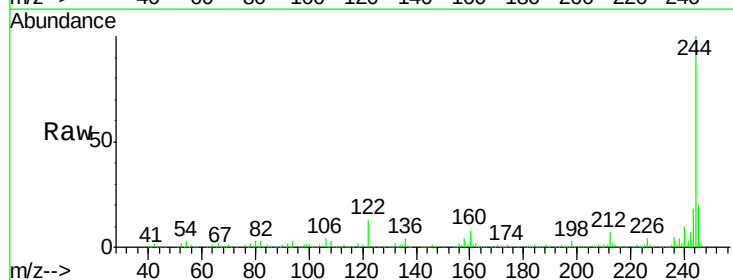
Tgt Ion:244 Resp: 1637377

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

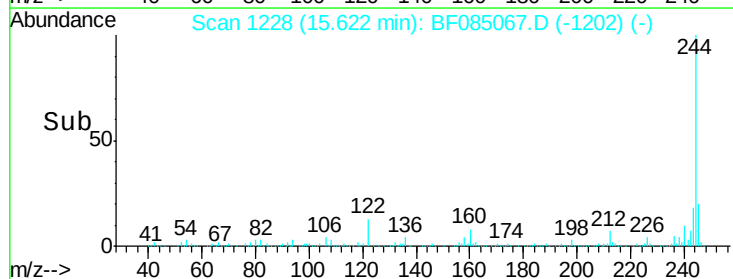
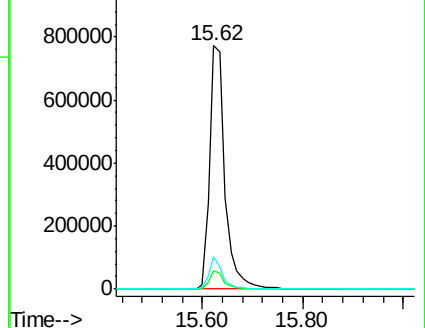
122 13.1 10.1 15.1

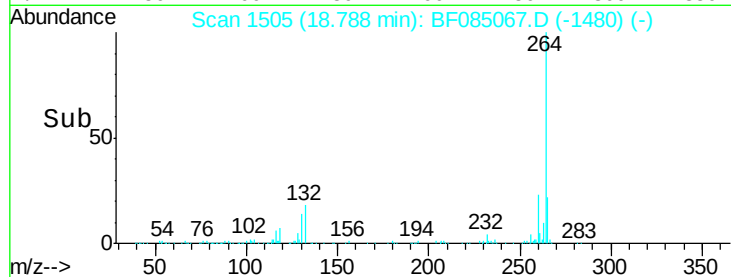
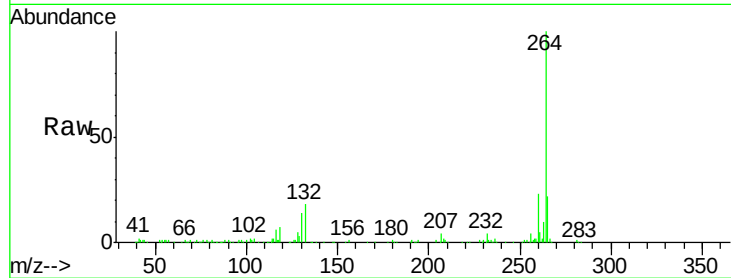
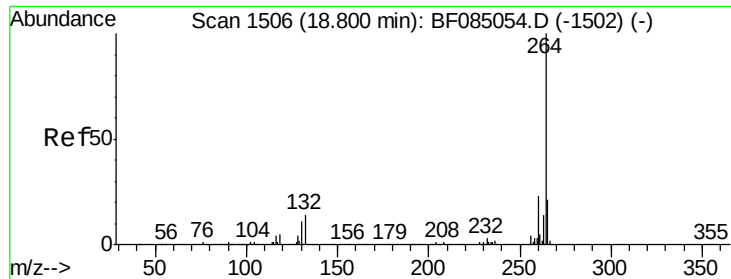


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.79 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF085067.D
 Acq: 13 Feb 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.6	16.7	25.1

