

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085070.D
 Acq On : 13 Feb 2016 6:44
 Operator : SJ/IZ
 Sample : H1409-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(10-12)

Quant Time: Feb 15 01:22:43 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

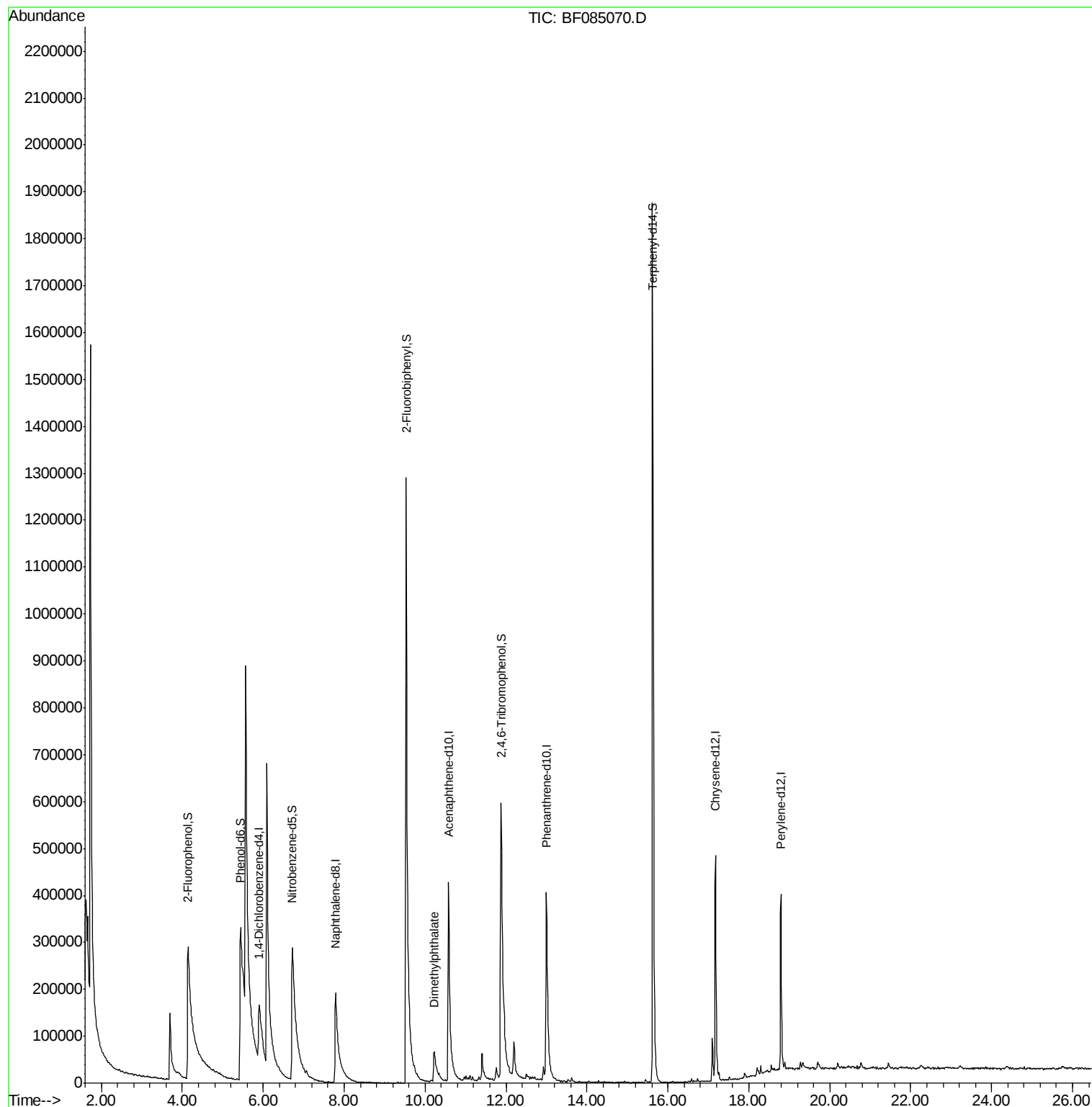
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	120765	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	572520	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	287305	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	540493	20.00	ng	0.00
75) Chrysene-d12	17.18	240	391044	20.00	ng	0.00
86) Perylene-d12	18.80	264	283983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.15	112	661856	95.83	ng	-0.01
7) Phenol-d6	5.44	99	999343	108.57	ng	0.00
23) Nitrobenzene-d5	6.72	82	669549	69.06	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	305592	102.98	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1385150	68.92	ng	0.00
78) Terphenyl-d14	15.62	244	1241836	65.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.23	163	171346	7.95	ng	Qvalue # 99

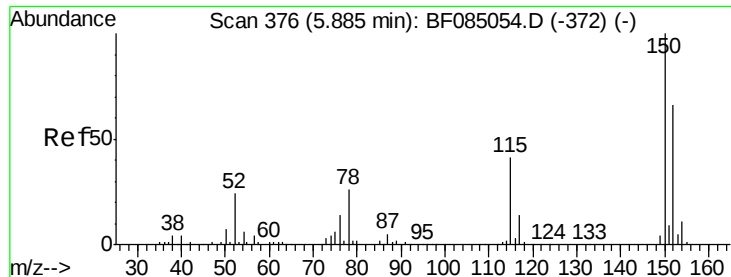
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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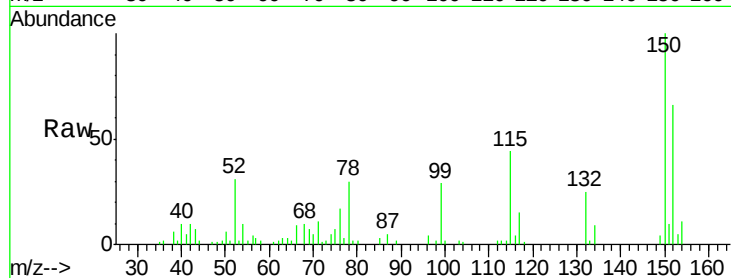


#1

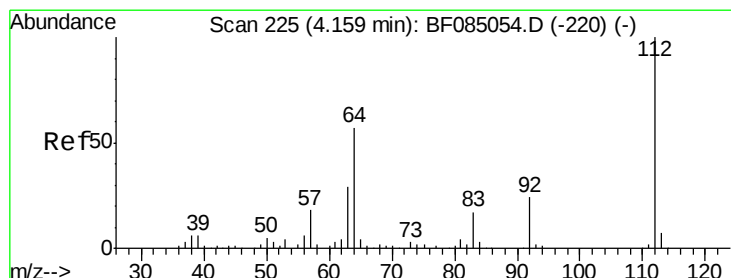
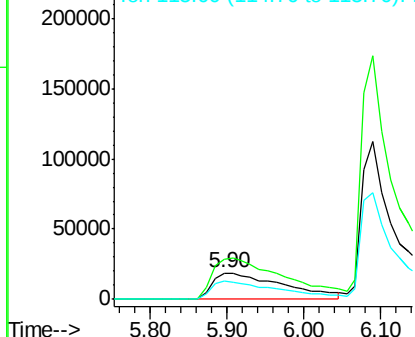
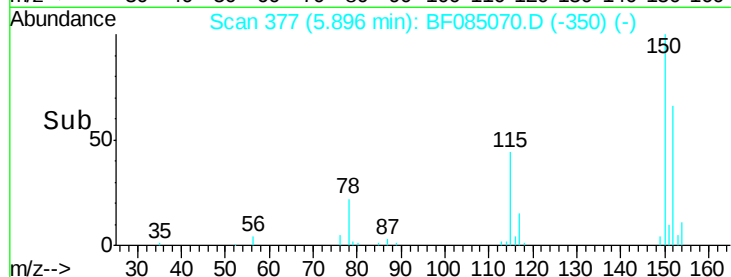
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	127.4	191.2
115	67.2	50.5	75.7



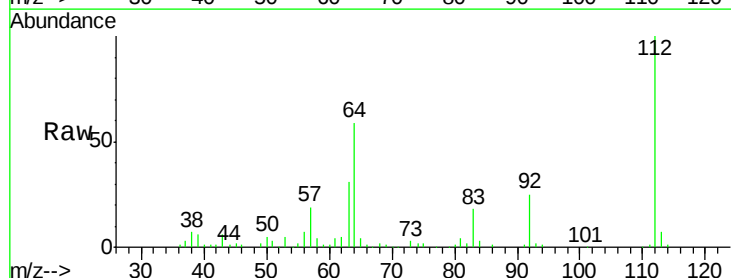
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



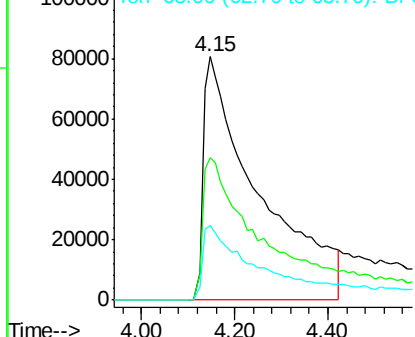
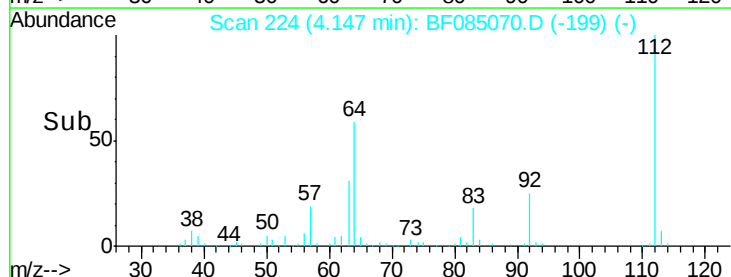
#5

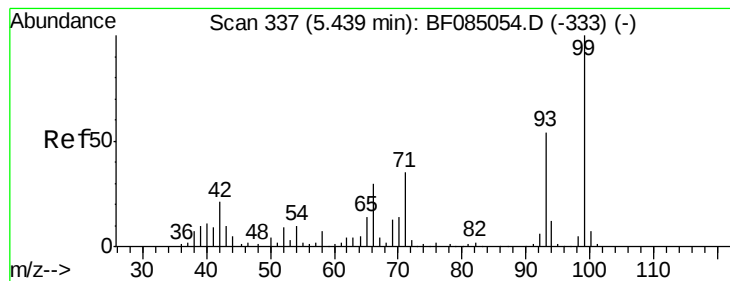
2-Fluorophenol
Concen: 95.83 ng
RT: 4.15 min Scan# 224
Delta R.T. -0.01 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.4	68.2
63	30.6	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: 108.57 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085070.D

Acq: 13 Feb 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(10-12)

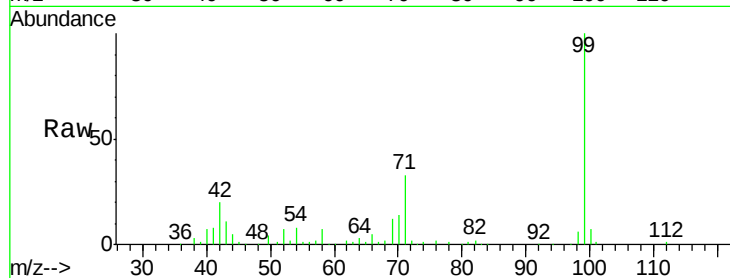
Tot Ion: 99 Resp: 999343

Ion Ratio Lower Upper

99 100

42 20.3 17.0 25.4

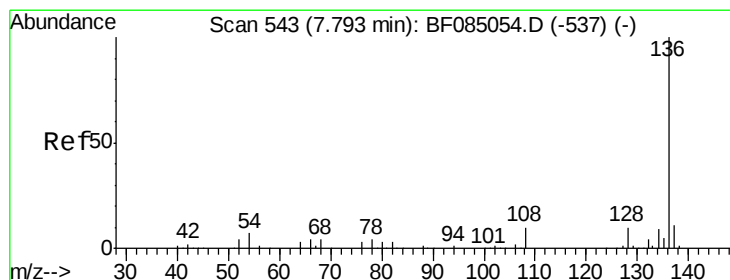
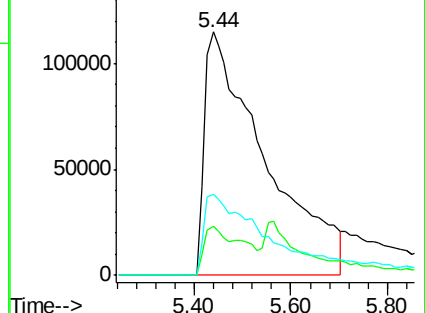
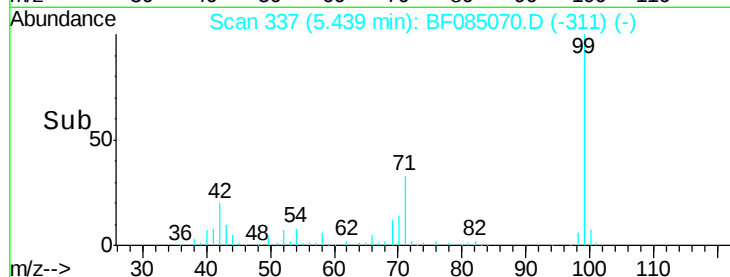
71 33.4 28.3 42.5



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: BF085070.D

Acq: 13 Feb 2016 6:44

Tgt Ion: 136 Resp: 572520

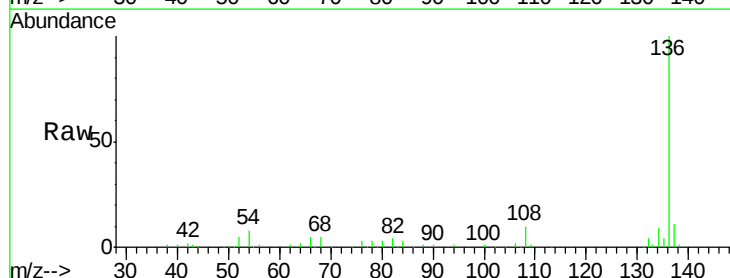
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.2 6.1 9.1

68 5.1 3.5 5.3

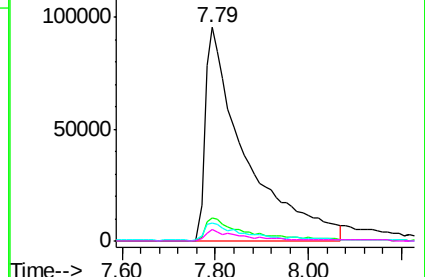
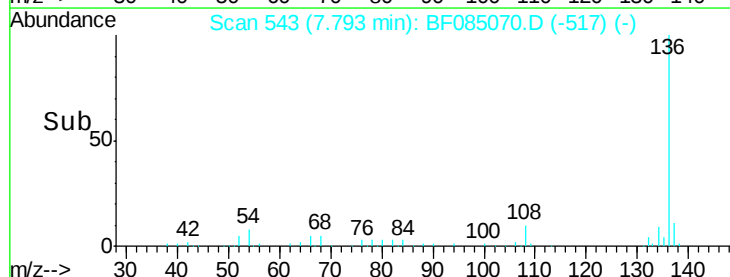


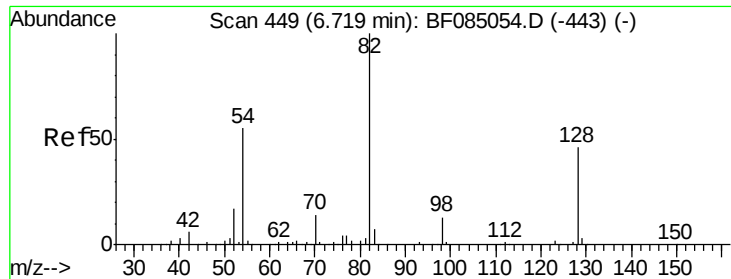
Abundance Ion 136.00 (135.70 to 136.70): E

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

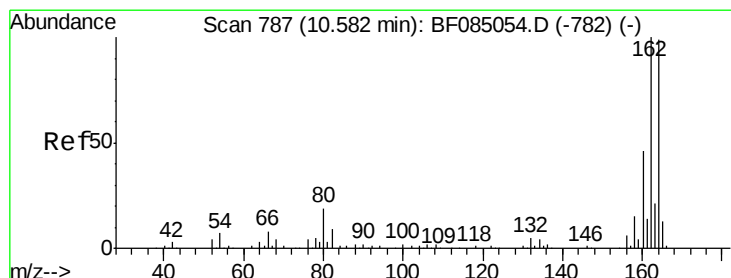
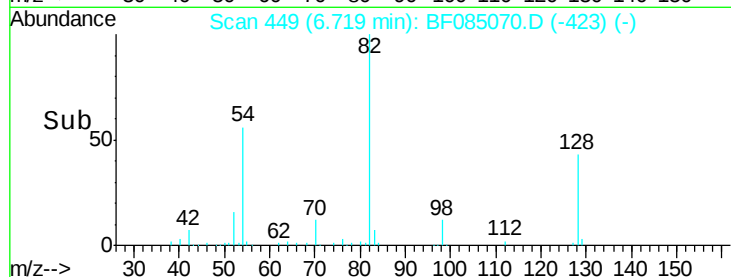
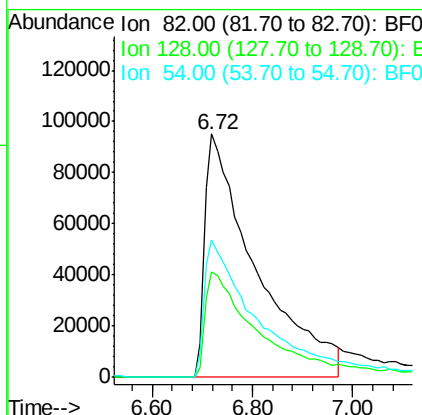
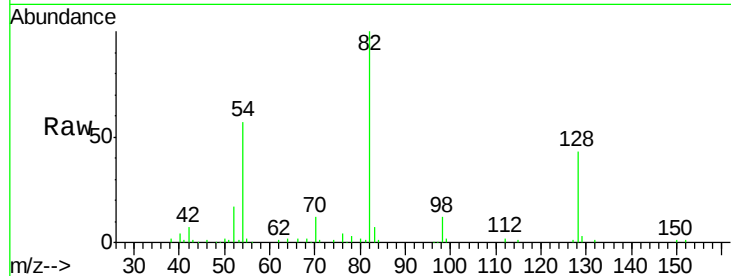




#23
 Nitrobenzene-d5
 Concen: 69.06 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF085070.D
 Acq: 13 Feb 2016 6:44

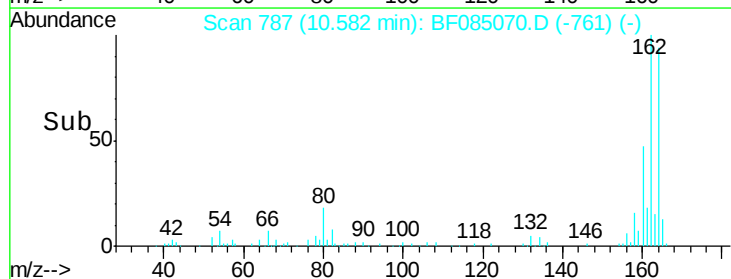
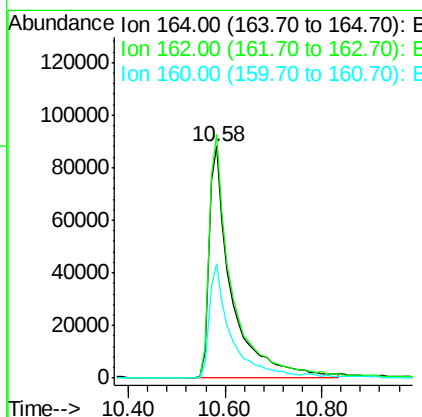
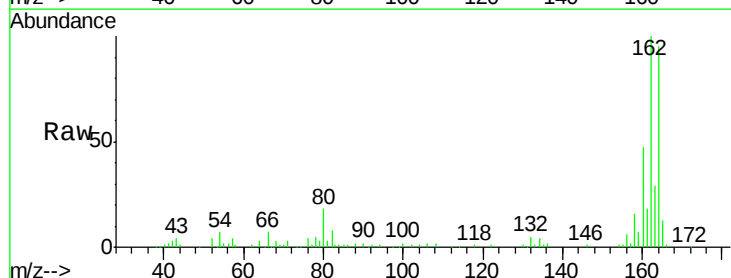
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(10-12)

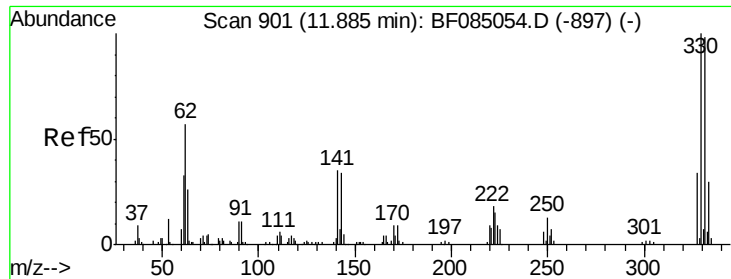
Tot Ion	82	Resp	669549
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.8	55.2
54	56.6	44.4	66.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085070.D
 Acq: 13 Feb 2016 6:44

Tgt Ion	164	Resp	287305
Ion Ratio	Lower	Upper	
164	100		
162	105.1	81.1	121.7
160	49.6	37.4	56.0

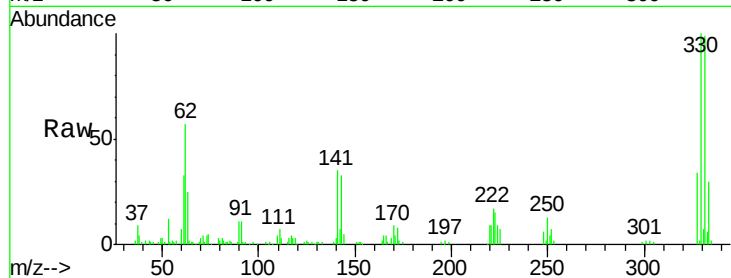




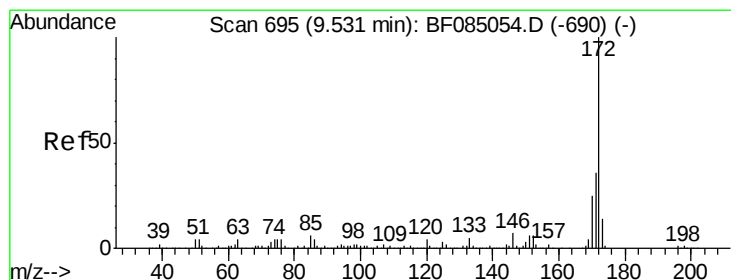
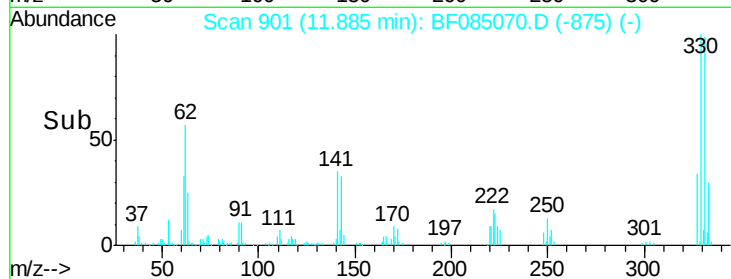
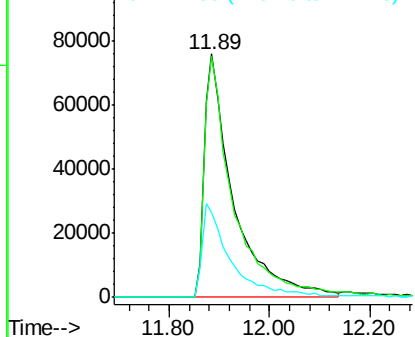
#41
 2,4,6-Tribromophenol
 Concen: 102.98 ng
 RT: 11.89 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085070.D
 Acq: 13 Feb 2016 6:44

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(10-12)

Tot Ion:330 Resp: 305592
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.5 117.7
 141 37.5 28.6 42.8

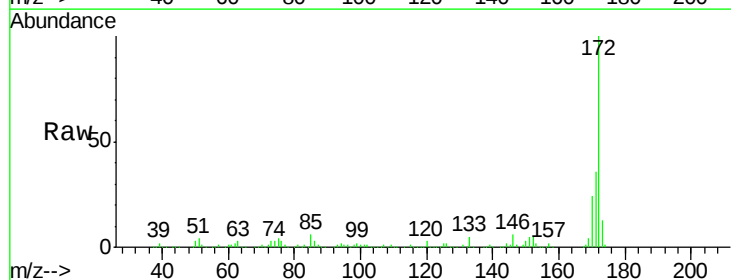


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

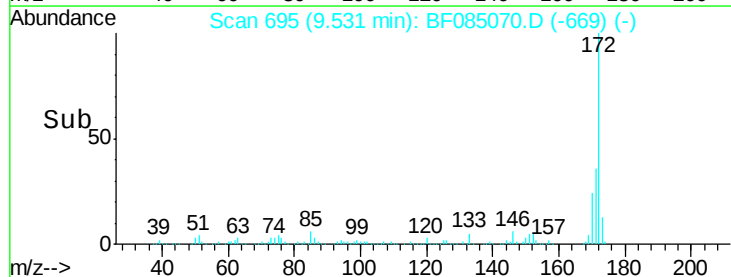
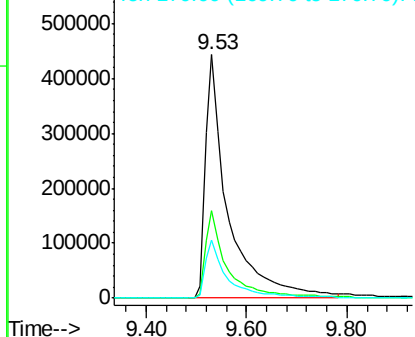


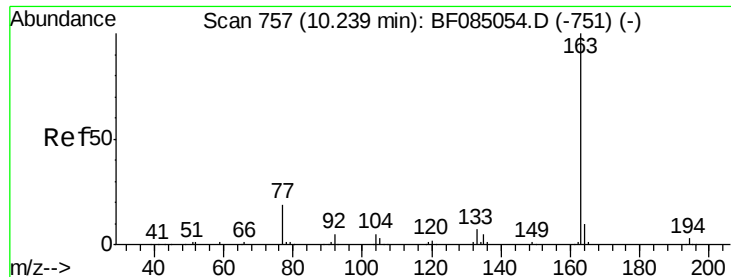
#44
 2-Fluorobiphenyl
 Concen: 68.92 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085070.D
 Acq: 13 Feb 2016 6:44

Tgt Ion:172 Resp: 1385150
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.1 43.7
 170 23.6 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: 7.95 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF085070.D

Acq: 13 Feb 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(10-12)

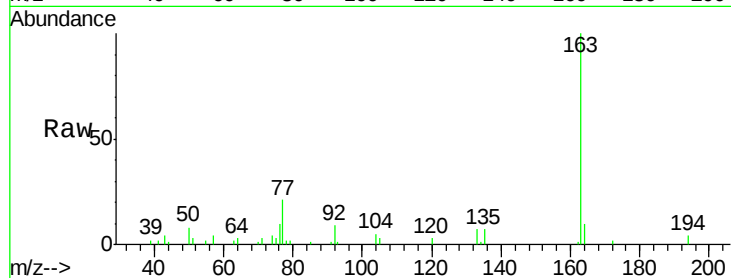
Tot Ion:163 Resp: 171346

Ion Ratio Lower Upper

163 100

194 3.7 2.5 3.7#

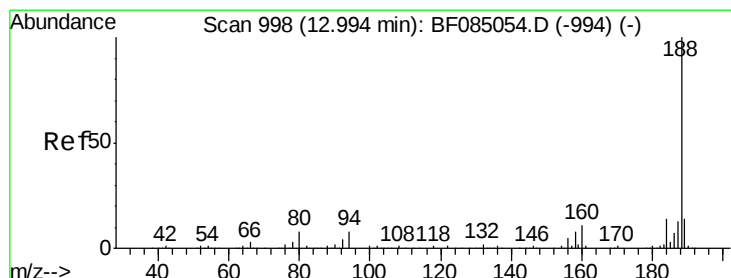
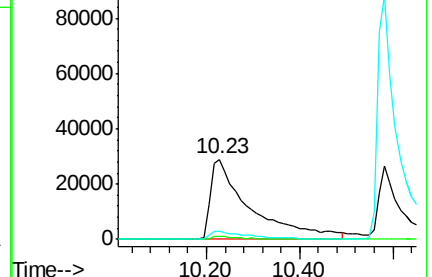
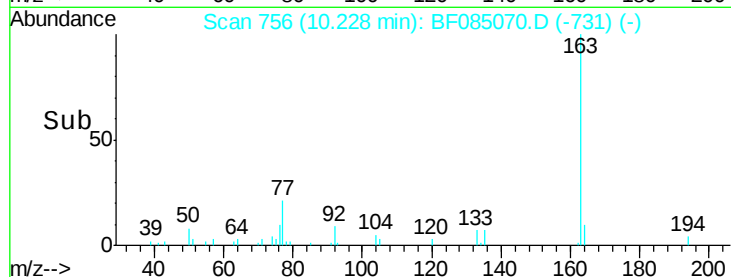
164 10.2 7.8 11.8



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: BF085070.D

Acq: 13 Feb 2016 6:44

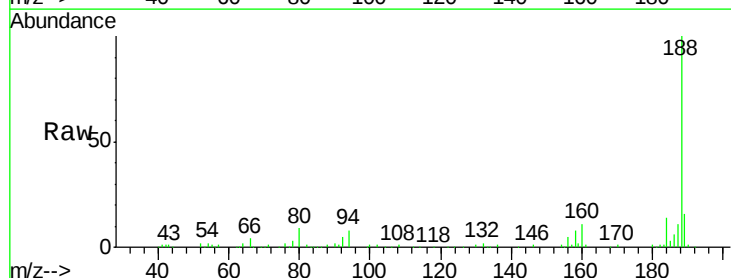
Tgt Ion:188 Resp: 540493

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

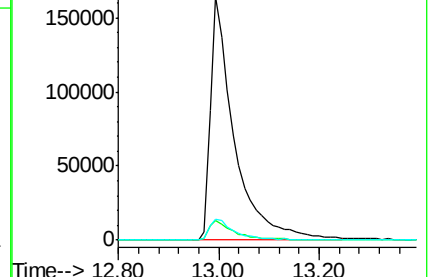
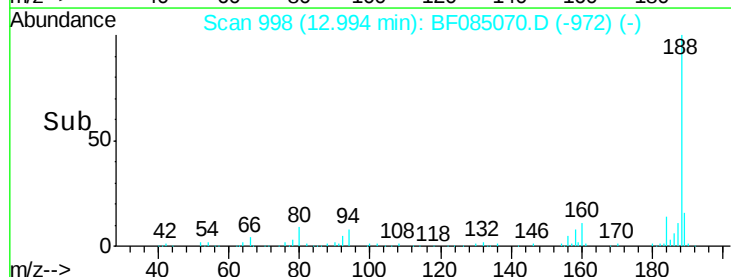
80 8.6 6.6 9.8

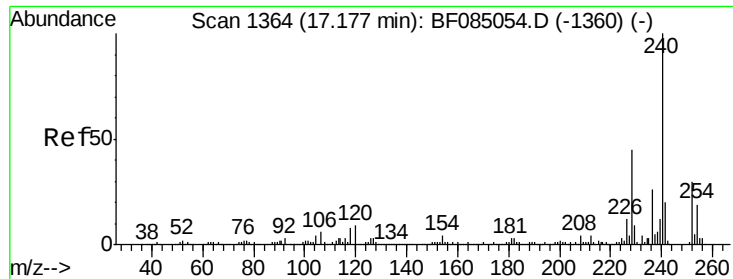


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085070.D

Acq: 13 Feb 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SUP-B004(10-12)

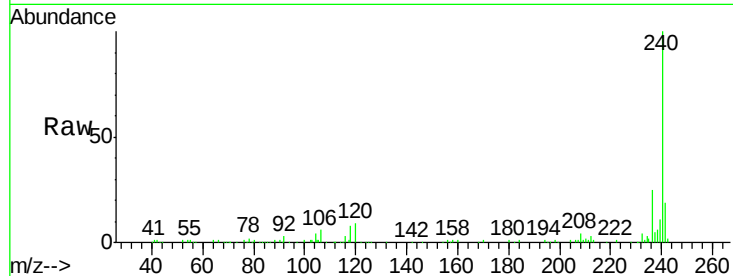
Tot Ion:240 Resp: 391044

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

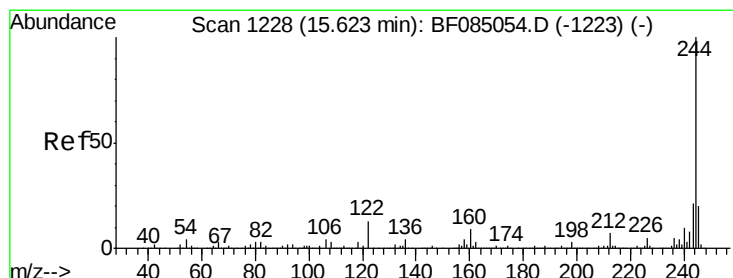
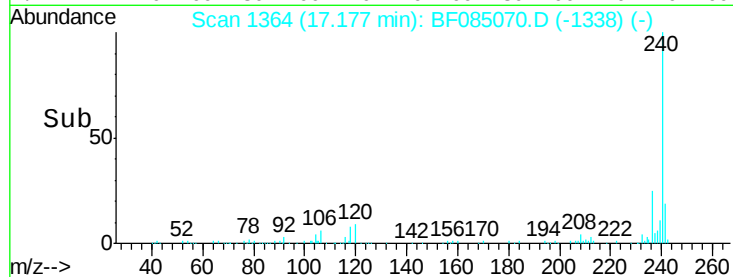
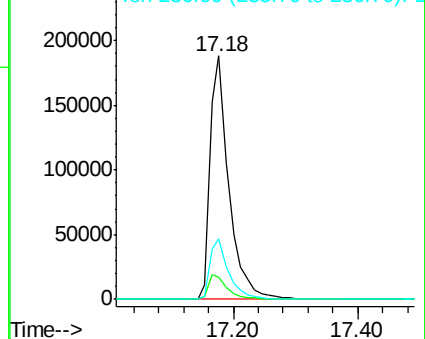
236 25.0 20.5 30.7



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: 65.36 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085070.D

Acq: 13 Feb 2016 6:44

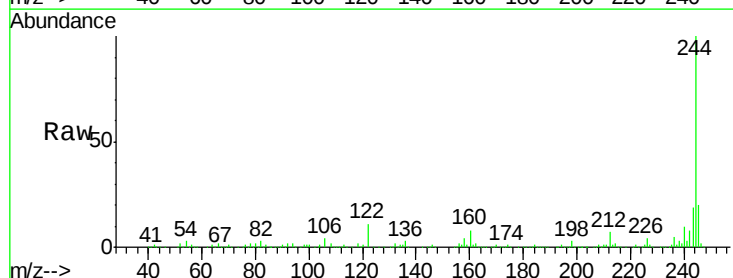
Tgt Ion:244 Resp: 1241836

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

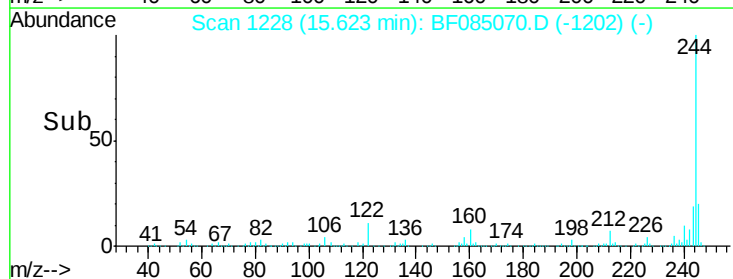
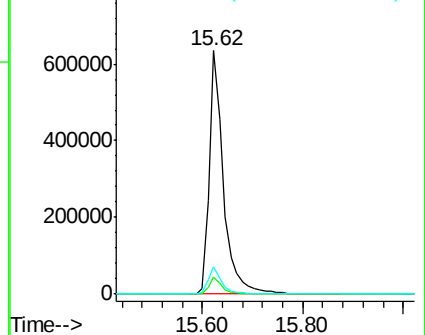
122 11.4 10.1 15.1

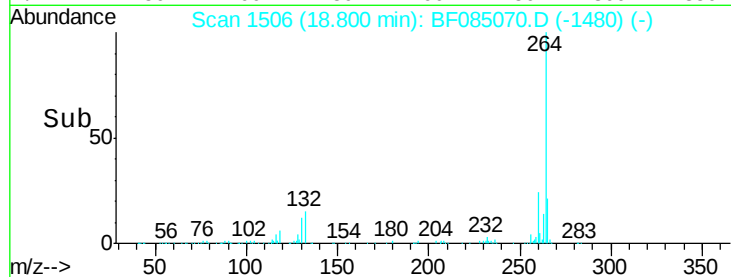
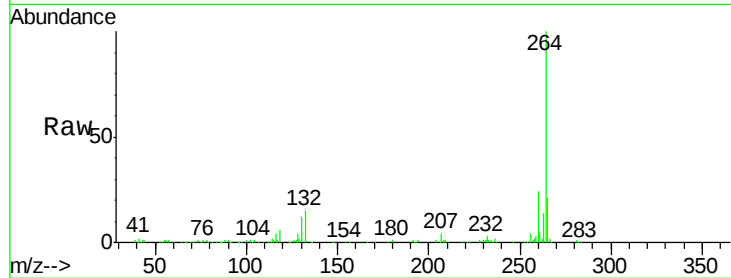
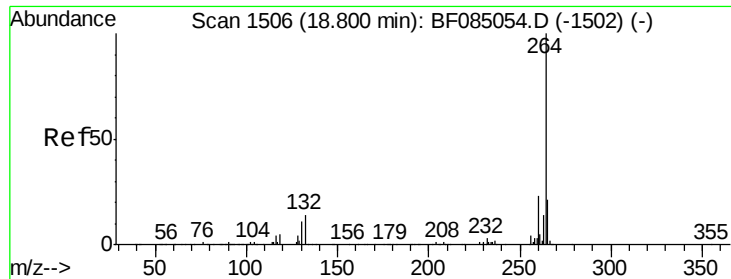


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	20.6	16.7	25.1

