

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085069.D
 Acq On : 13 Feb 2016 6:09
 Operator : SJ/IZ
 Sample : H1396-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(26-28)

Quant Time: Feb 15 01:18:20 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

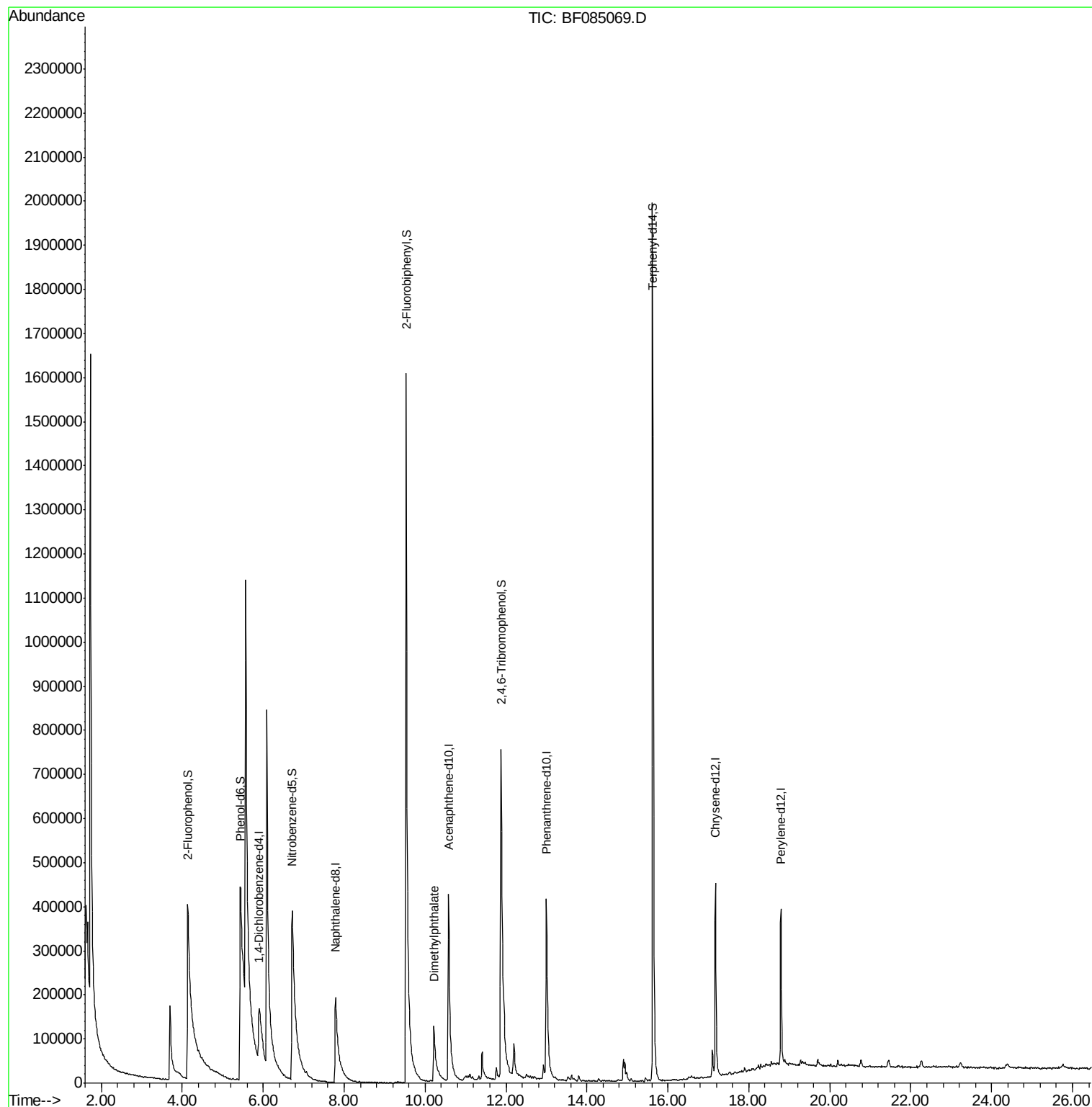
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	123909	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	571603	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	282301	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	513557	20.00	ng	0.00
75) Chrysene-d12	17.18	240	342895	20.00	ng	0.00
86) Perylene-d12	18.80	264	266187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	814390	114.92	ng	-0.02
7) Phenol-d6	5.43	99	1214430	128.59	ng	-0.01
23) Nitrobenzene-d5	6.72	82	802320	82.89	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	351502	120.55	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1580415	80.03	ng	0.00
78) Terphenyl-d14	15.62	244	1288283	77.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.22	163	256517	12.12	ng	Qvalue 98

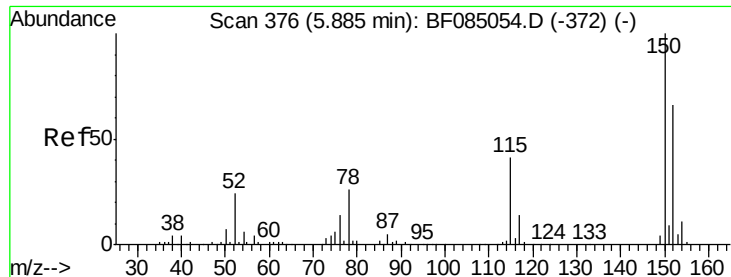
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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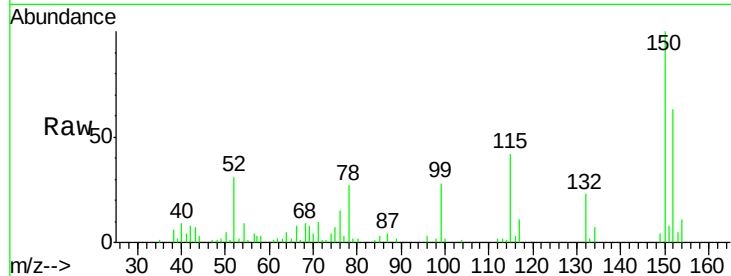


#1

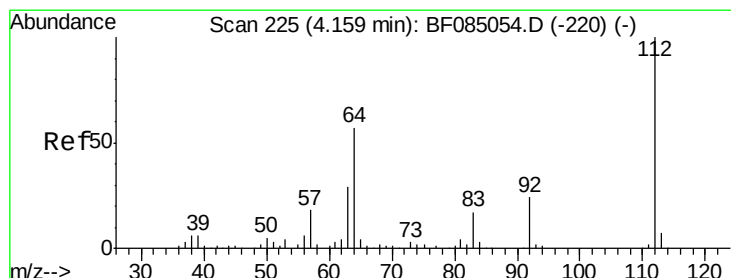
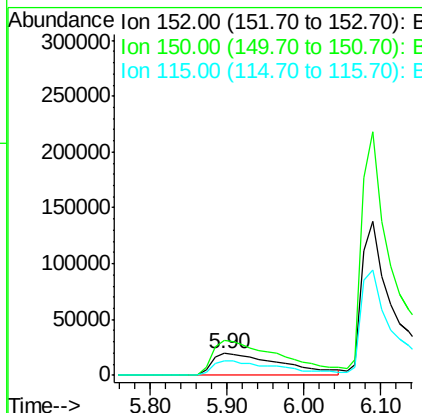
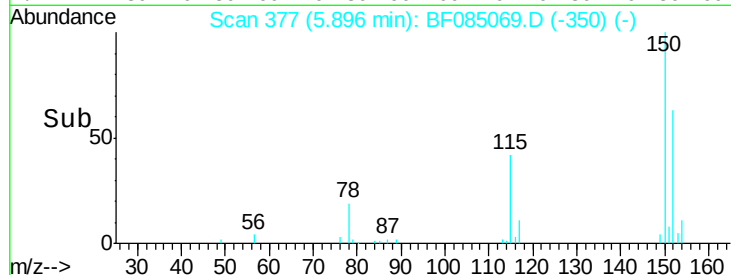
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.90 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: BF085069.D
 Acq: 13 Feb 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(26-28)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.4	191.2
115	66.2	50.5	75.7



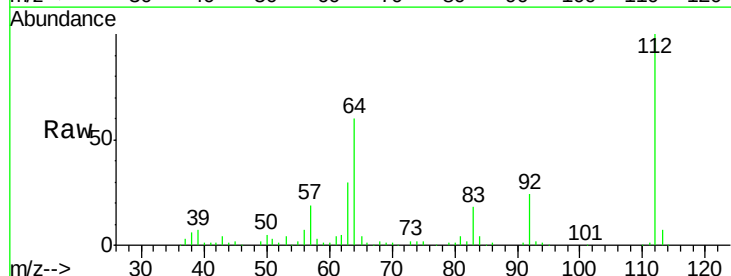
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



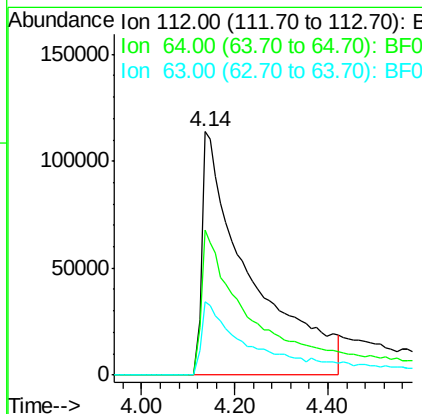
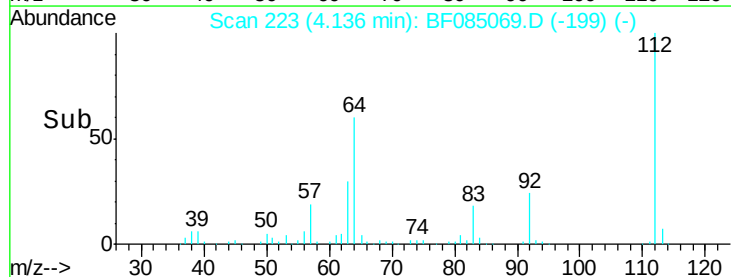
#5

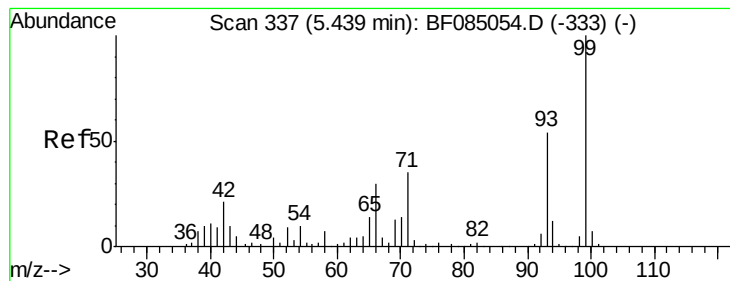
2-Fluorophenol
 Concen: 114.92 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085069.D
 Acq: 13 Feb 2016 6:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.4	68.2
63	30.3	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: 128.59 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085069.D

Acq: 13 Feb 2016 6:09

Instrument :

BNA_F

ClientSampleId :

SUP-B001(26-28)

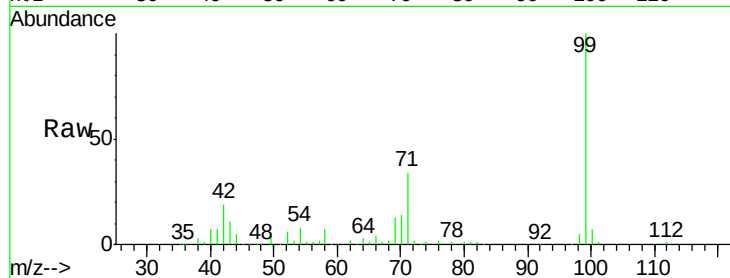
Tot Ion: 99 Resp: 1214430

Ion Ratio Lower Upper

99 100

42 19.5 17.0 25.4

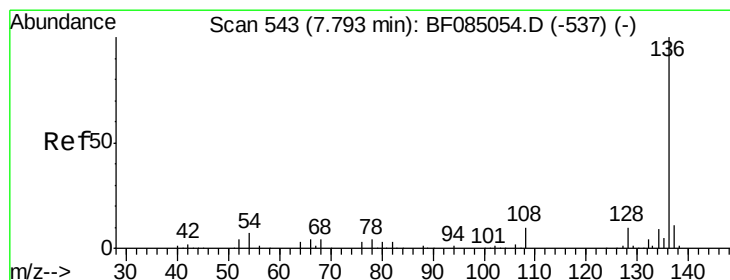
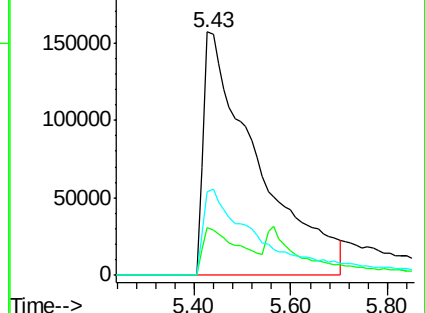
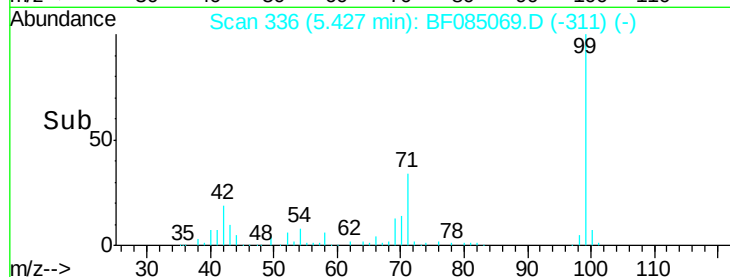
71 34.3 28.3 42.5



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: BF085069.D

Acq: 13 Feb 2016 6:09

Tgt Ion: 136 Resp: 571603

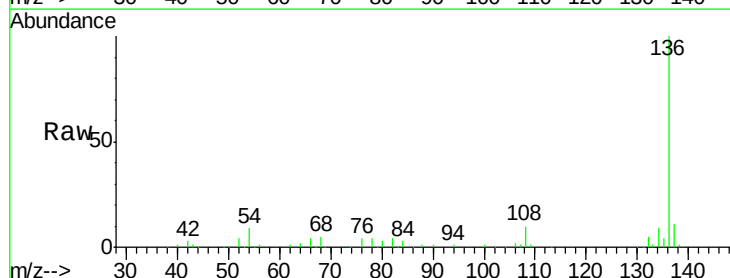
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.1 9.1#

68 5.1 3.5 5.3

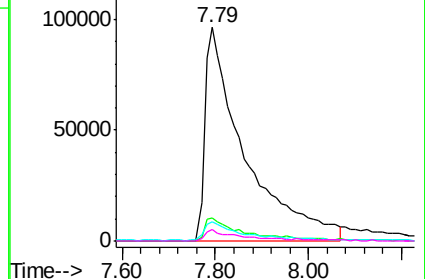
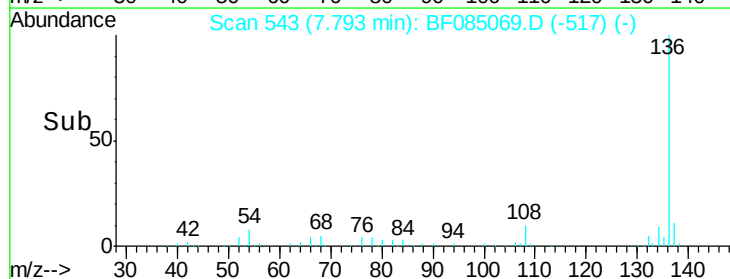


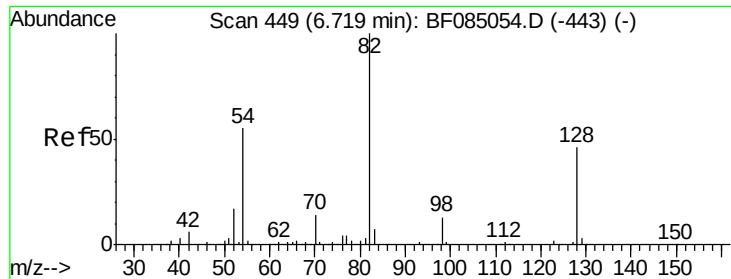
Abundance Ion 136.00 (135.70 to 136.70): E

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

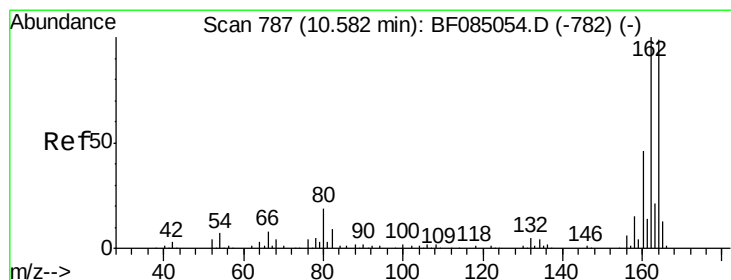
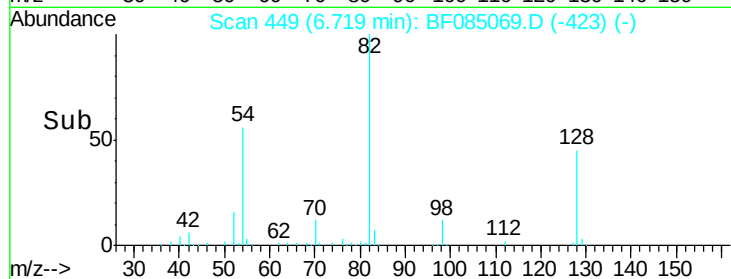
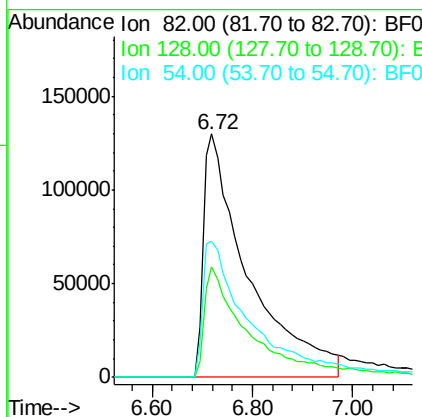
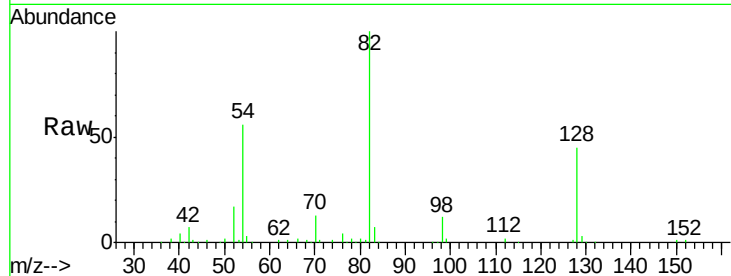




#23
 Nitrobenzene-d5
 Concen: 82.89 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF085069.D
 Acq: 13 Feb 2016 6:09

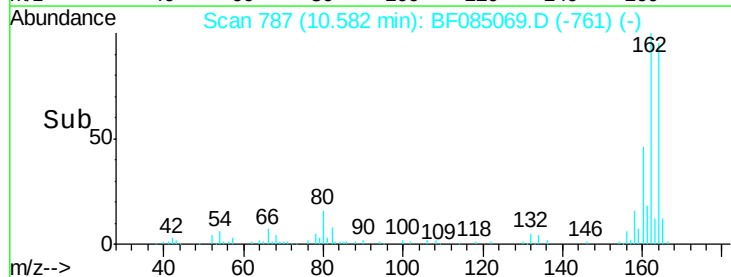
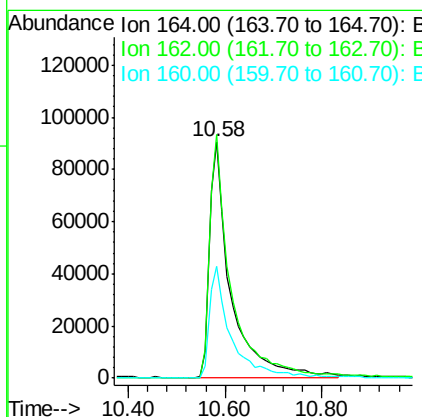
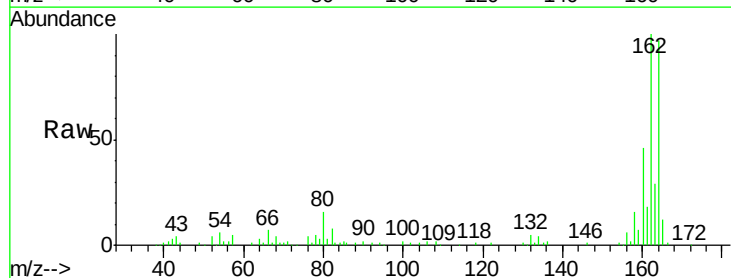
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(26-28)

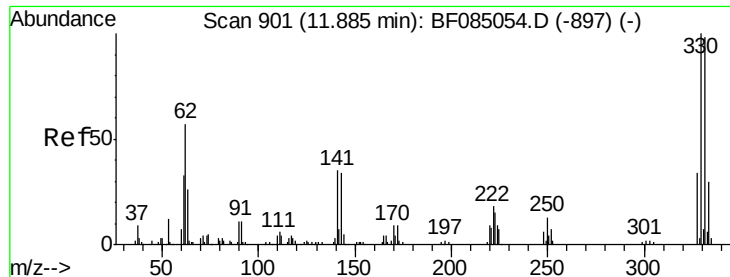
Tot Ion	82	Resp	802320
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.8	55.2
54	56.1	44.4	66.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085069.D
 Acq: 13 Feb 2016 6:09

Tgt Ion	164	Resp	282301
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.1	121.7
160	47.6	37.4	56.0

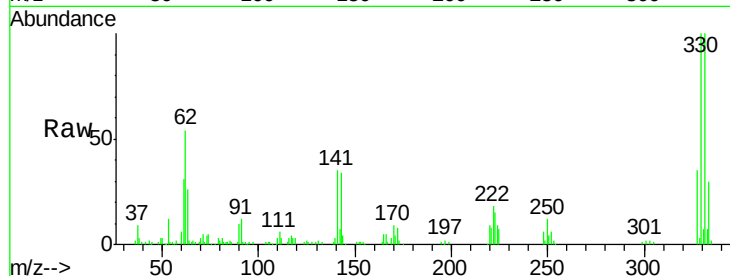




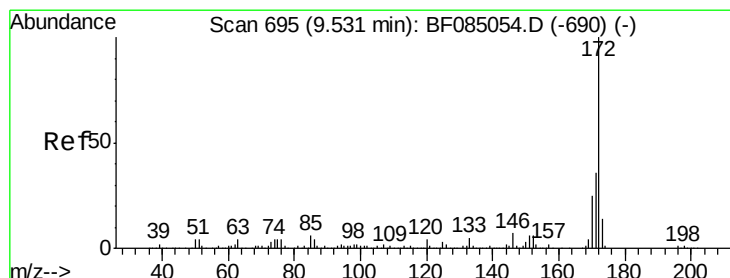
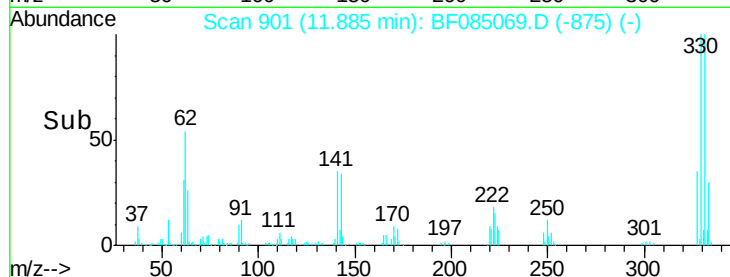
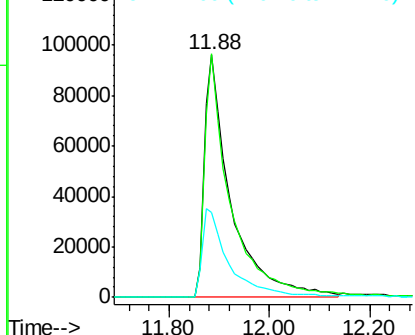
#41
 2,4,6-Tribromophenol
 Concen: 120.55 ng
 RT: 11.88 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085069.D
 Acq: 13 Feb 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(26-28)

Tot Ion:330 Resp: 351502
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.5 117.7
 141 37.4 28.6 42.8

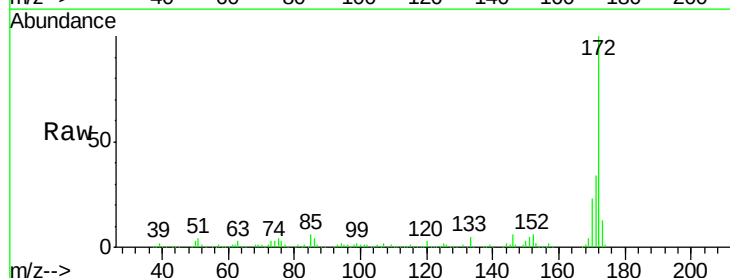


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

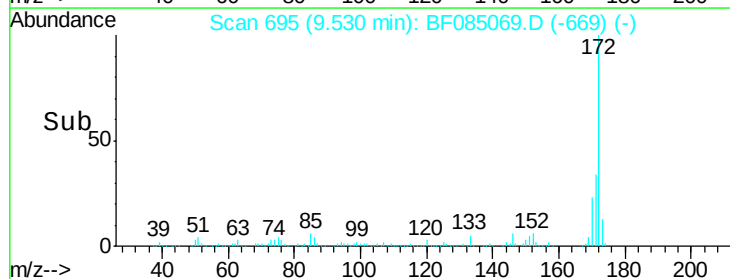
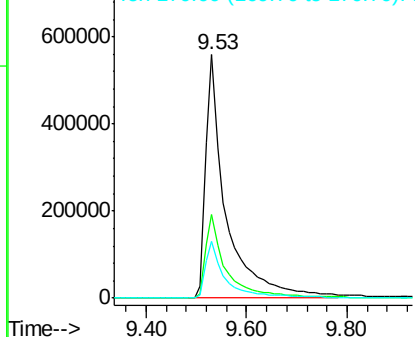


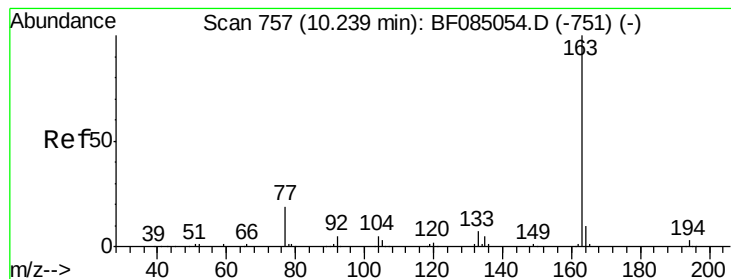
#44
 2-Fluorobiphenyl
 Concen: 80.03 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085069.D
 Acq: 13 Feb 2016 6:09

Tgt Ion:172 Resp: 1580415
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.1 43.7
 170 23.4 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: 12.12 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085069.D

Acq: 13 Feb 2016 6:09

Instrument :

BNA_F

ClientSampleId :

SUP-B001(26-28)

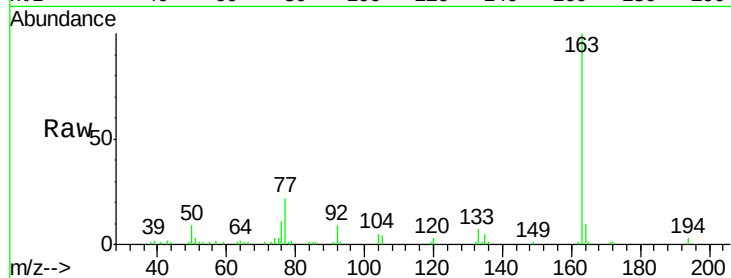
Tot Ion:163 Resp: 256517

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

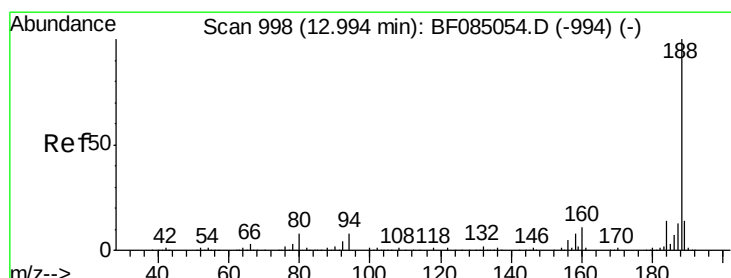
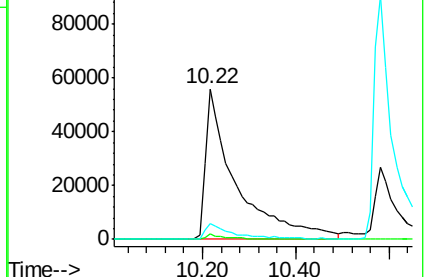
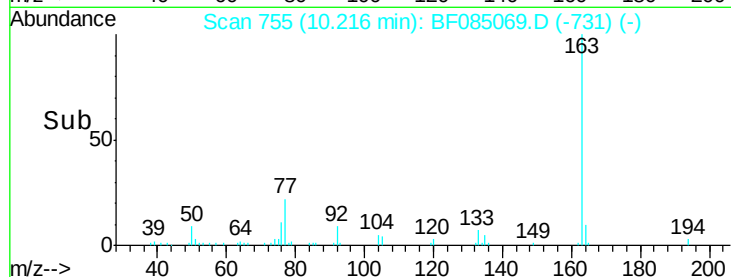
164 10.4 7.8 11.8



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: BF085069.D

Acq: 13 Feb 2016 6:09

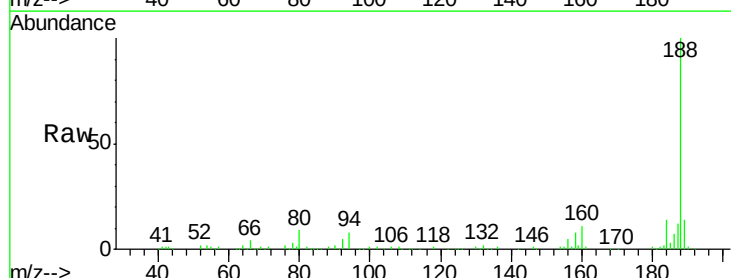
Tgt Ion:188 Resp: 513557

Ion Ratio Lower Upper

188 100

94 8.2 6.2 9.2

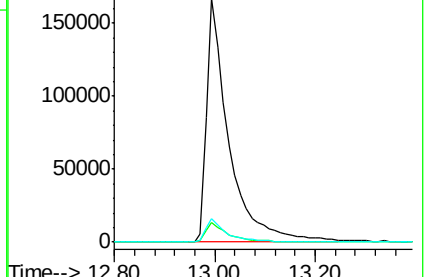
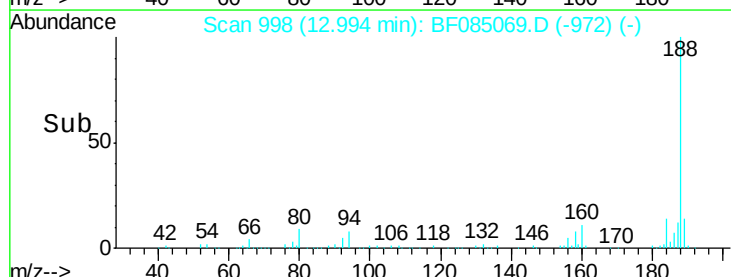
80 9.4 6.6 9.8

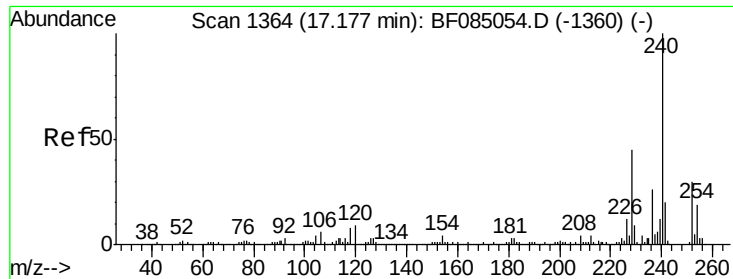


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085069.D

Acq: 13 Feb 2016 6:09

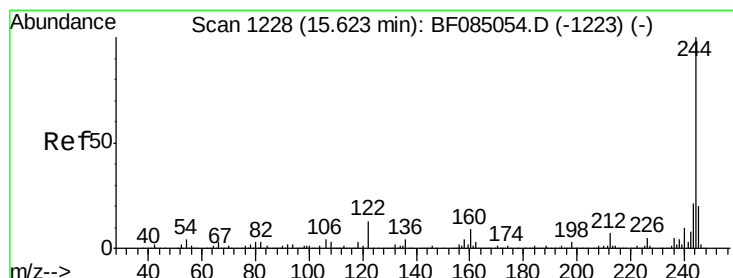
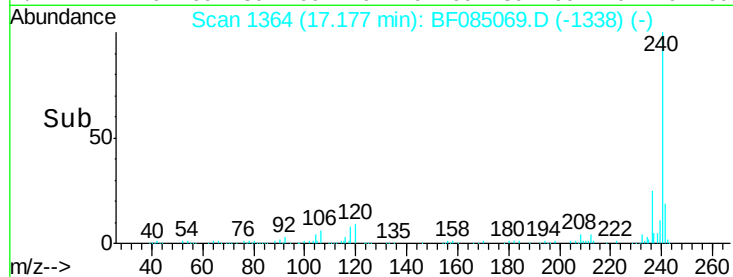
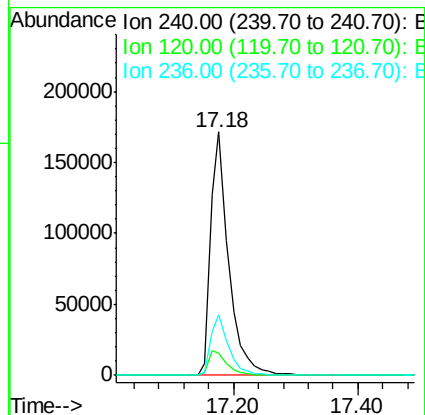
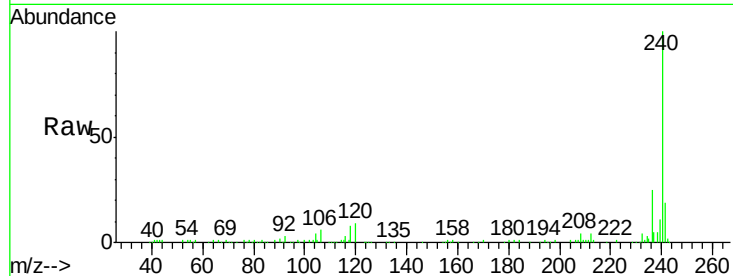
Instrument :

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SUP-B001(26-28)

Tot Ion:240	Resp:	342895
Ion Ratio	Lower	Upper
240	100	
120	9.3	7.0 10.6
236	25.1	20.5 30.7



#78

Terphenyl-d14

Concen: 77.33 ng

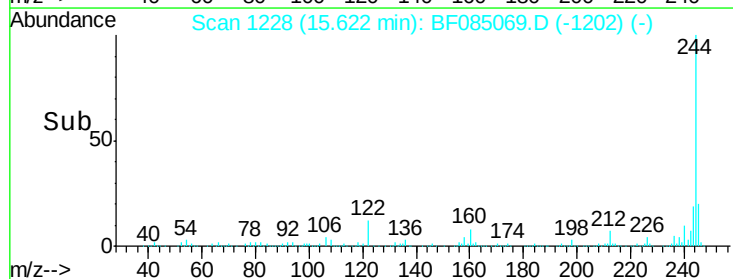
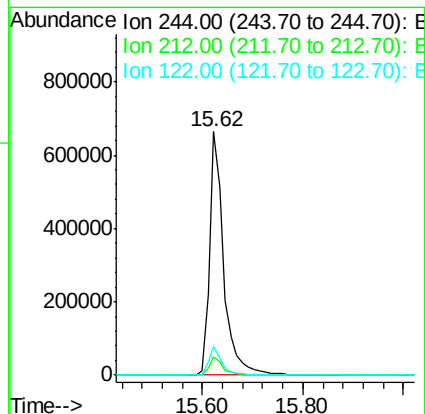
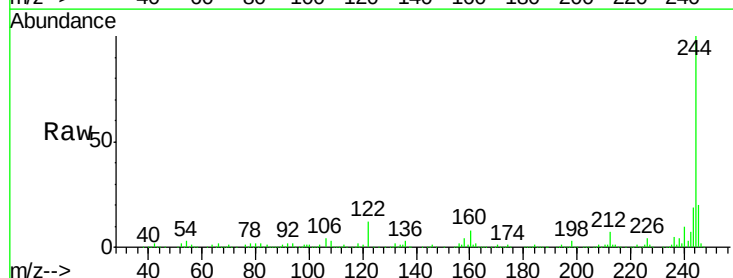
RT: 15.62 min Scan# 1228

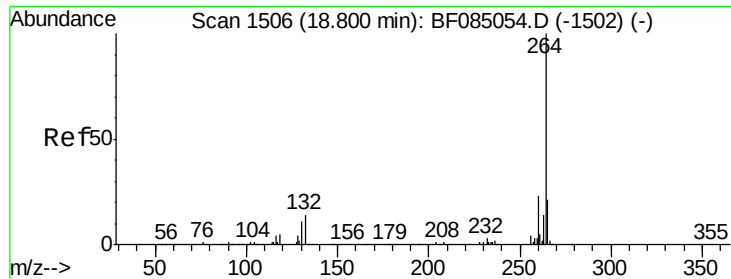
Delta R.T. -0.00 min

Lab File: BF085069.D

Acq: 13 Feb 2016 6:09

Tgt Ion:244	Resp:	1288283
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.0 9.0
122	11.6	10.1 15.1

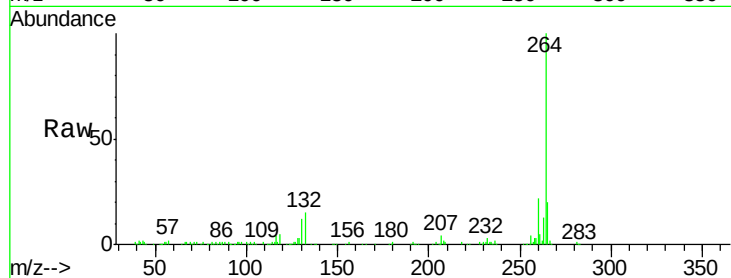




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085069.D
Acq: 13 Feb 2016 6:09

Instrument :
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SUP-B001(26-28)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	20.4	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

