

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085078.D
 Acq On : 13 Feb 2016 11:27
 Operator : SJ/UM
 Sample : H1409-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(9-11)

Quant Time: Feb 15 02:24:05 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

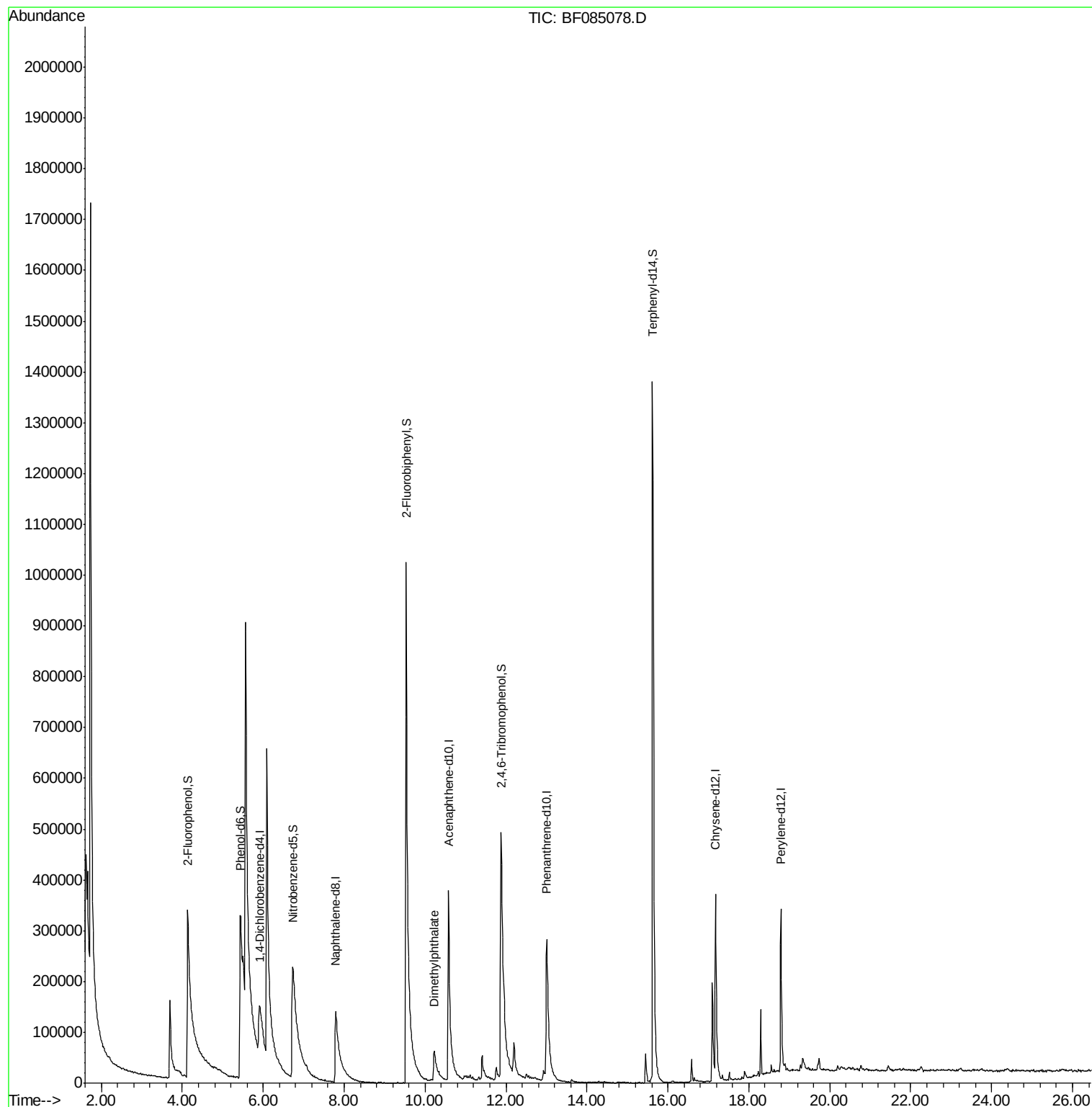
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	112998	20.00	ng	0.03
21) Naphthalene-d8	7.79	136	527112	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	275093	20.00	ng	0.00
63) Phenanthrene-d10	13.01	188	505242	20.00	ng	0.01
75) Chrysene-d12	17.18	240	329647	20.00	ng	0.00
86) Perylene-d12	18.80	264	264968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	718991	111.26	ng	-0.02
7) Phenol-d6	5.43	99	1055077	122.50	ng	-0.01
23) Nitrobenzene-d5	6.73	82	637319	71.40	ng	0.01
41) 2,4,6-Tribromophenol	11.89	330	302547	106.48	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1308429	67.99	ng	0.00
78) Terphenyl-d14	15.62	244	1128419	70.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.23	163	171514	8.32	ng	Qvalue 100

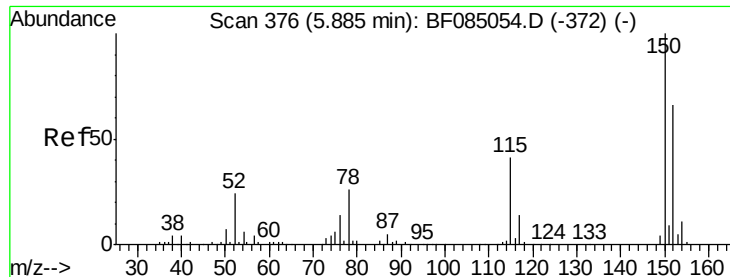
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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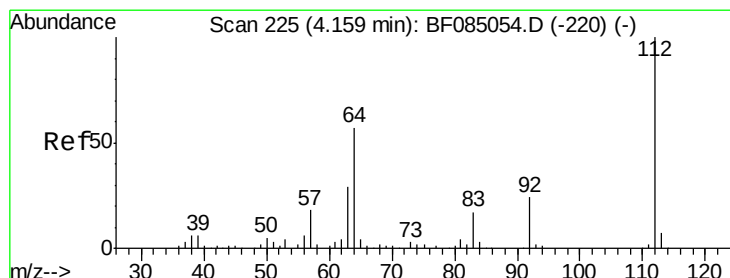
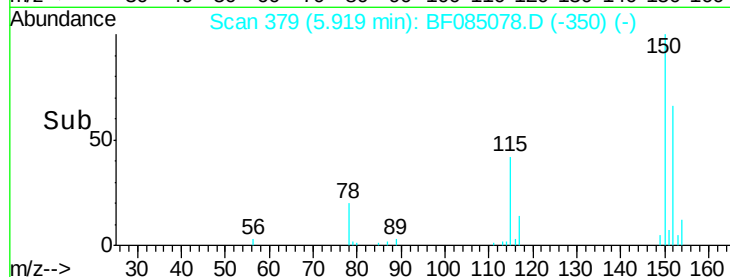
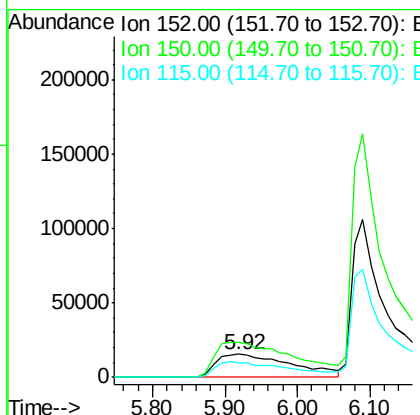
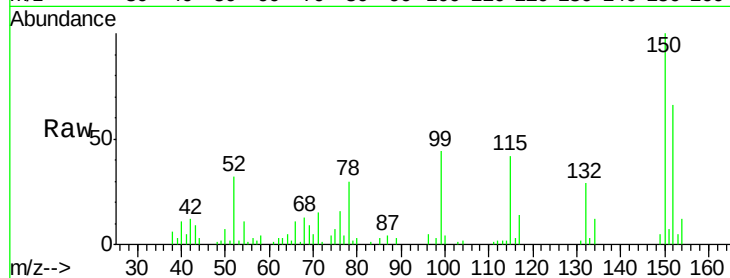


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.92 min Scan# 379
 Delta R.T. 0.03 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(9-11)

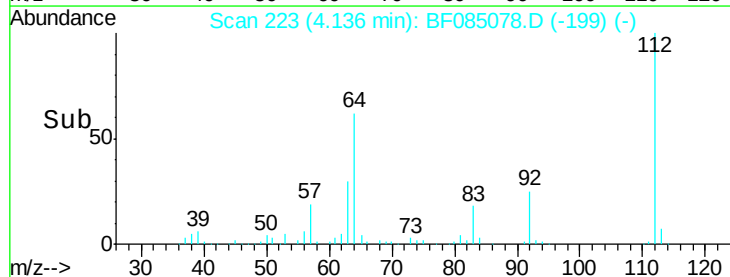
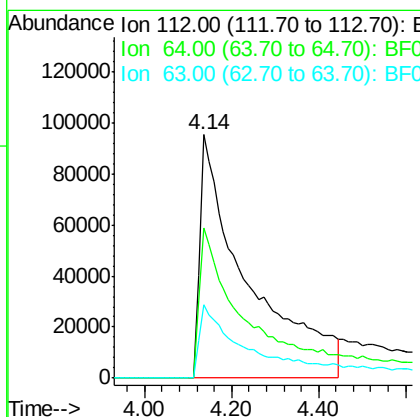
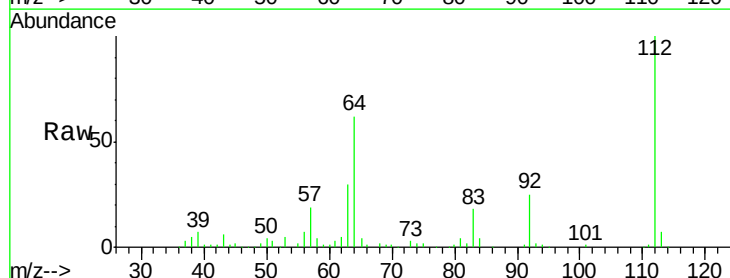
Tot Ion:152 Resp: 112998
 Ion Ratio Lower Upper
 152 100
 150 152.0 127.4 191.2
 115 63.5 50.5 75.7

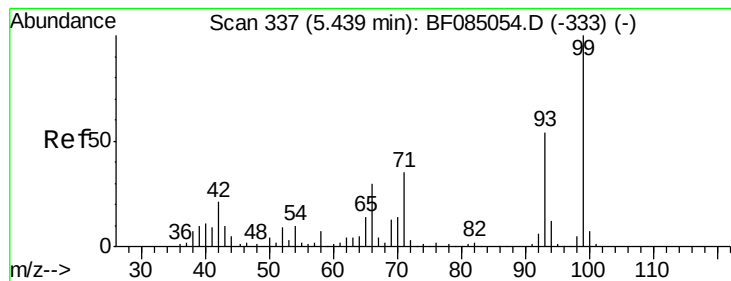


#5

2-Fluorophenol
 Concen: 111.26 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

Tgt Ion:112 Resp: 718991
 Ion Ratio Lower Upper
 112 100
 64 61.7 45.4 68.2
 63 30.0 23.2 34.8





#7

Phenol-d6

Concen: 122.50 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SUP-B019(9-11)

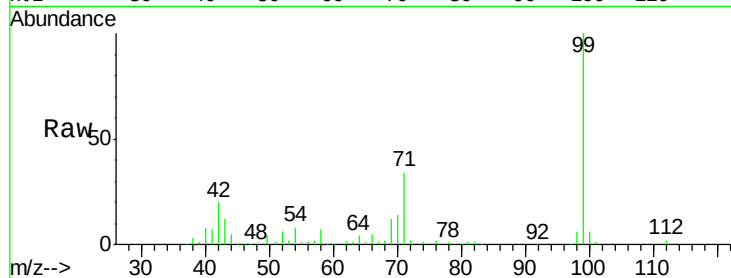
Tot Ion: 99 Resp: 1055077

Ion Ratio Lower Upper

99 100

42 19.5 17.0 25.4

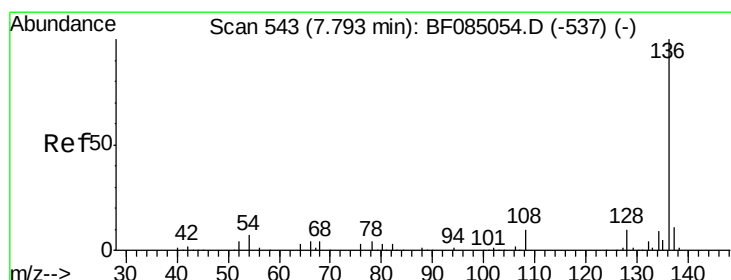
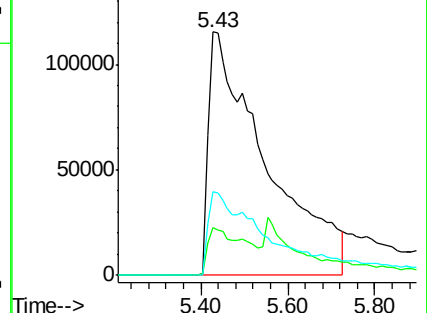
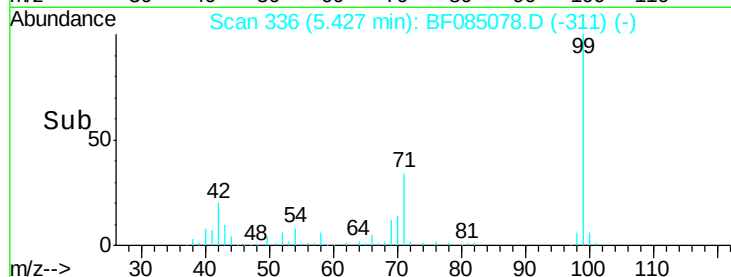
71 34.4 28.3 42.5



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: BF085078.D

Acq: 13 Feb 2016 11:27

Tgt Ion: 136 Resp: 527112

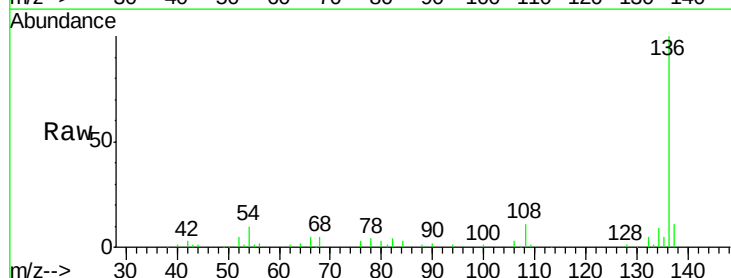
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.6 6.1 9.1#

68 4.9 3.5 5.3

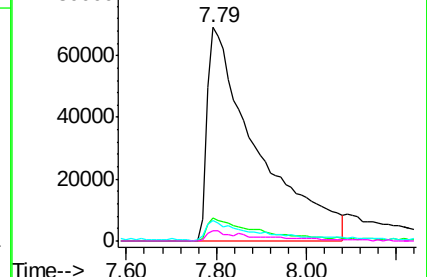
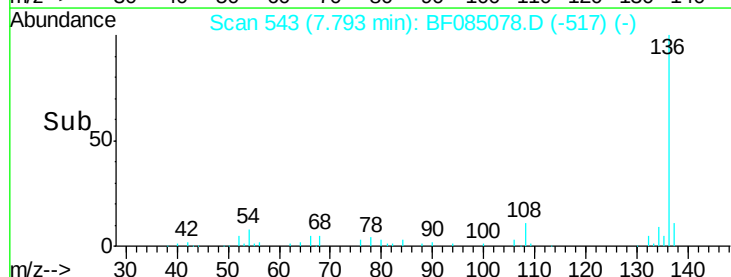


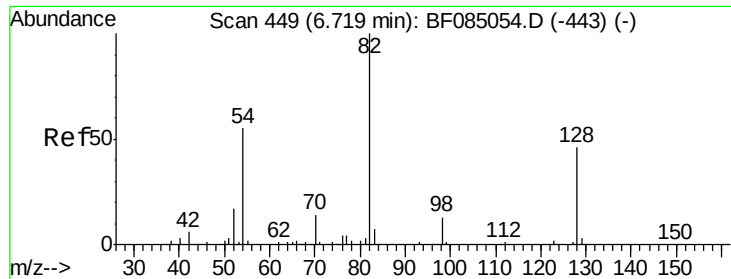
Abundance Ion 136.00 (135.70 to 136.70): E

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

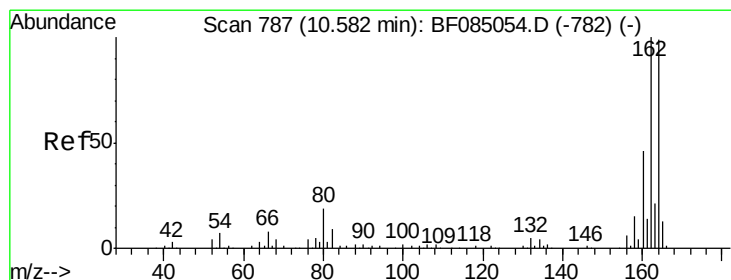
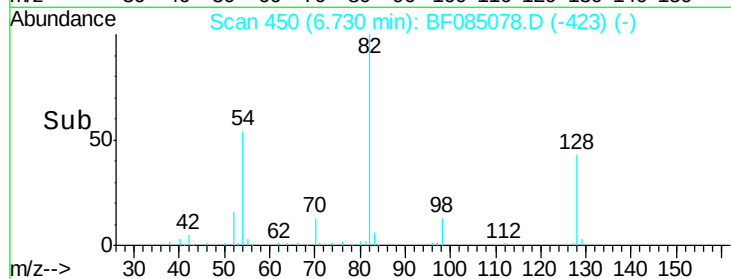
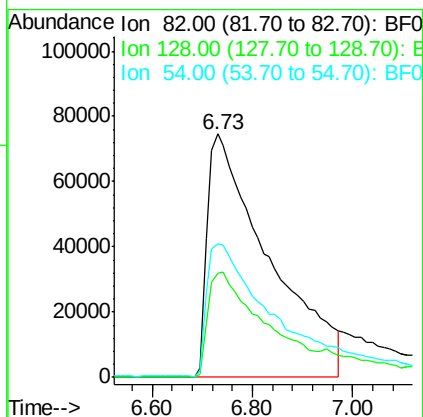
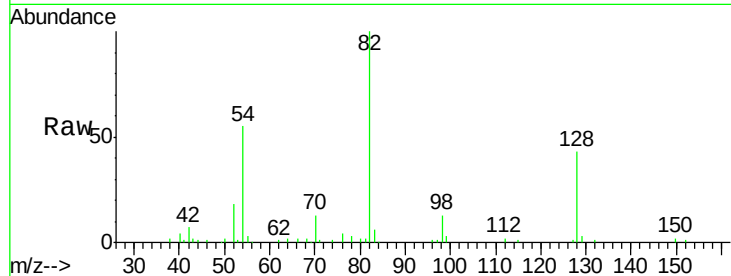




#23
 Nitrobenzene-d5
 Concen: 71.40 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.01 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

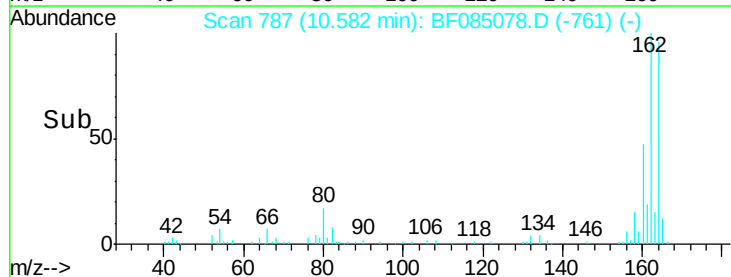
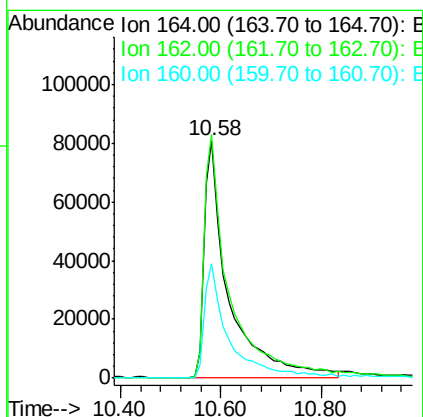
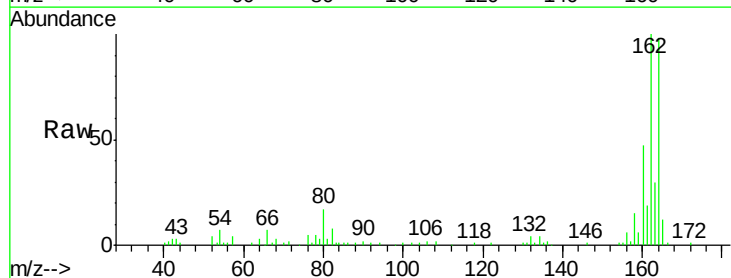
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(9-11)

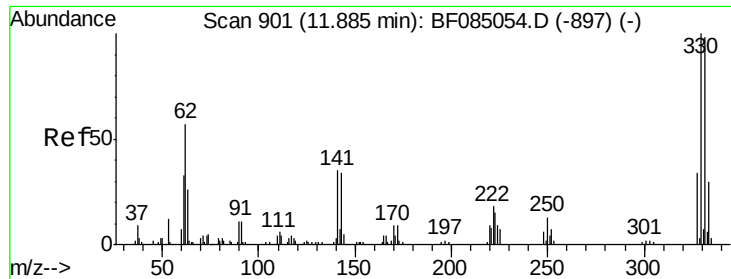
Tot Ion	82	Resp	637319
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.8	55.2
54	54.7	44.4	66.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

Tgt Ion	164	Resp	275093
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.1	121.7
160	48.2	37.4	56.0

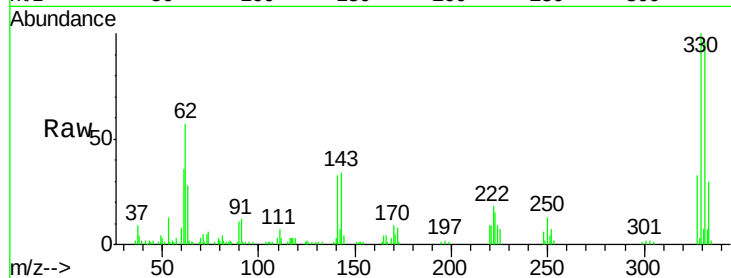




#41
 2,4,6-Tribromophenol
 Concen: 106.48 ng
 RT: 11.89 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(9-11)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.5	117.7
141	37.1	28.6	42.8

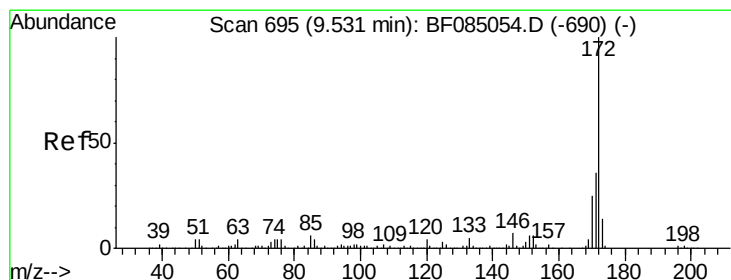
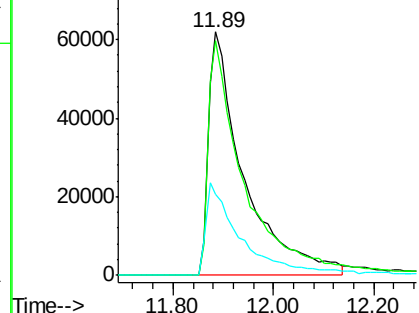
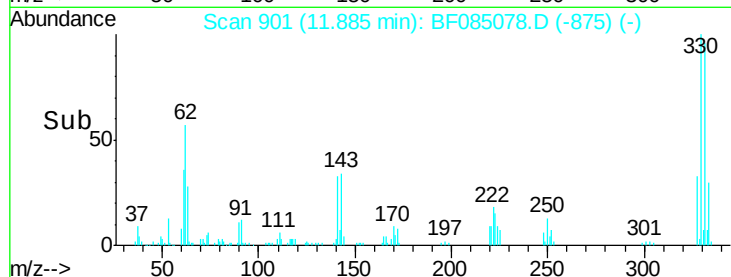


Abundance

Ion 329.80 (329.50 to 330.50): E

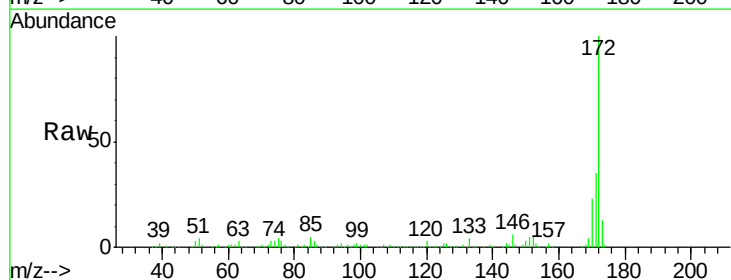
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.99 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.0	19.6	29.4

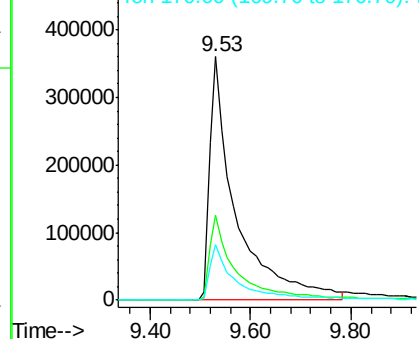
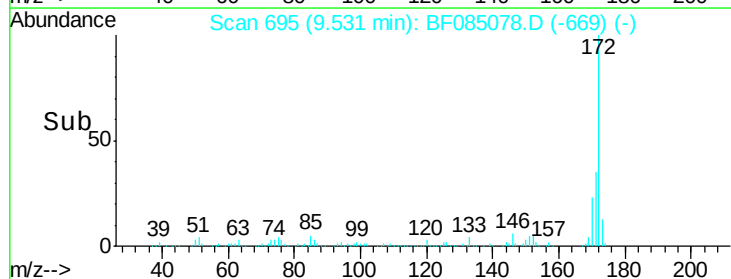


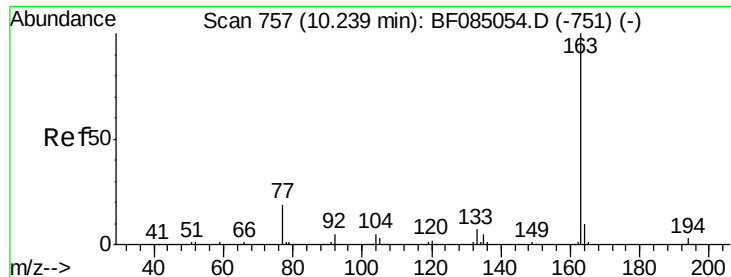
Abundance

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: 8.32 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SUP-B019(9-11)

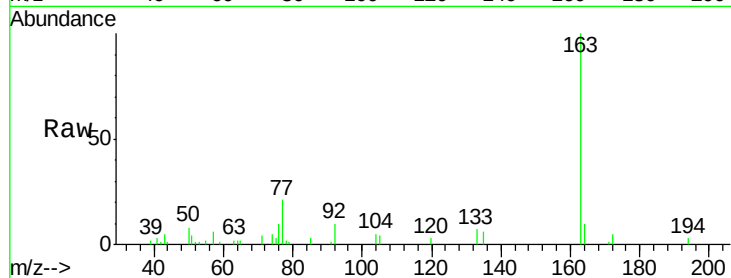
Tot Ion:163 Resp: 171514

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

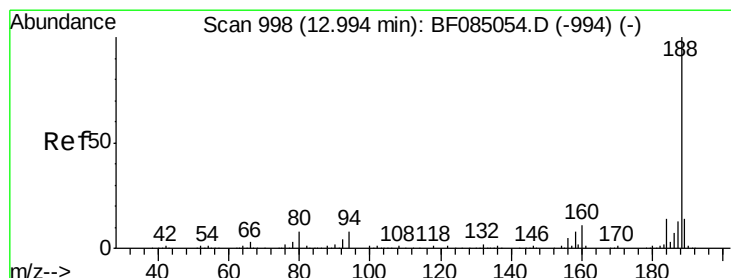
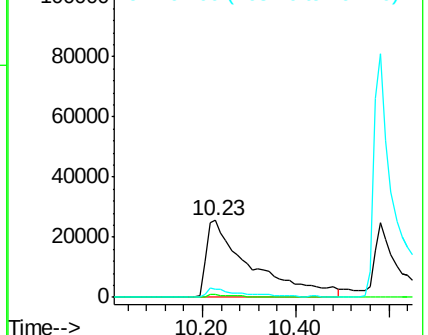
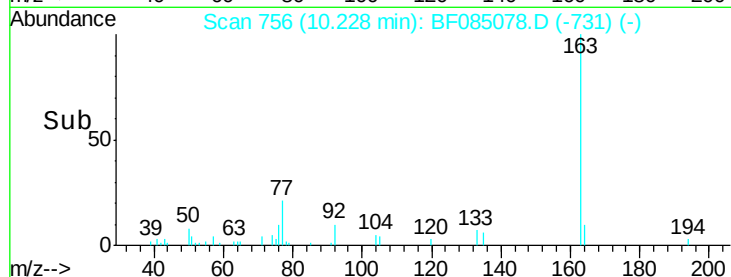
164 9.9 7.8 11.8



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: BF085078.D

Acq: 13 Feb 2016 11:27

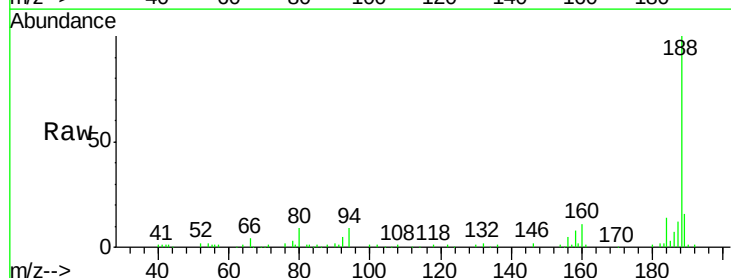
Tgt Ion:188 Resp: 505242

Ion Ratio Lower Upper

188 100

94 9.1 6.2 9.2

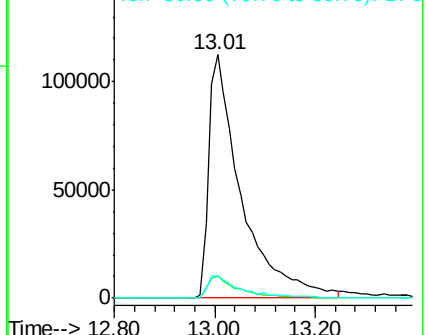
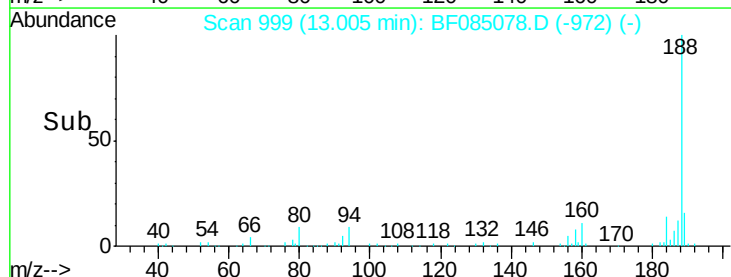
80 8.9 6.6 9.8

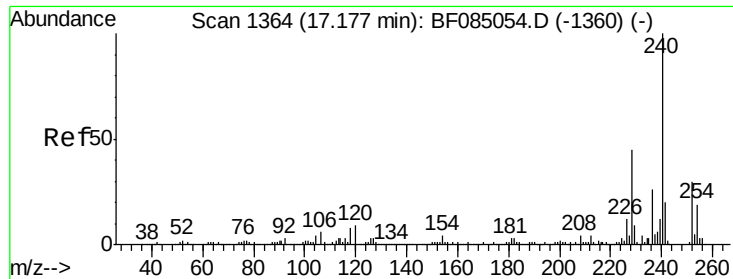


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085078.D

Acq: 13 Feb 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SUP-B019(9-11)

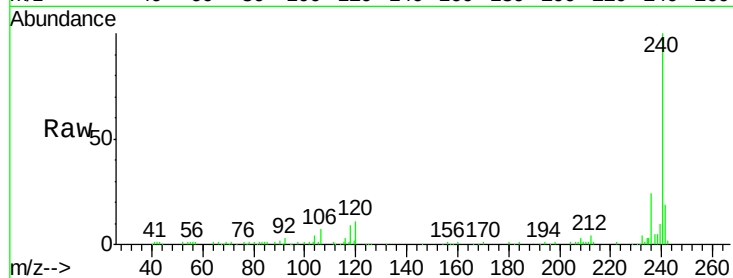
Tot Ion:240 Resp: 329647

Ion Ratio Lower Upper

240 100

120 10.5 7.0 10.6

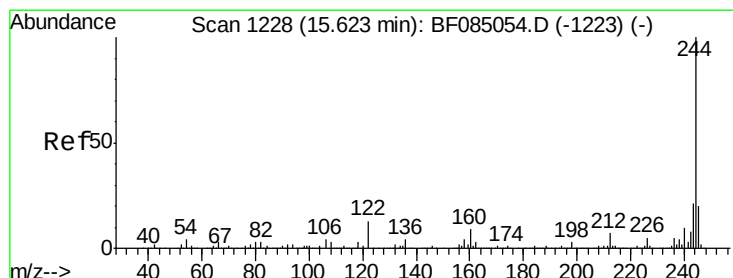
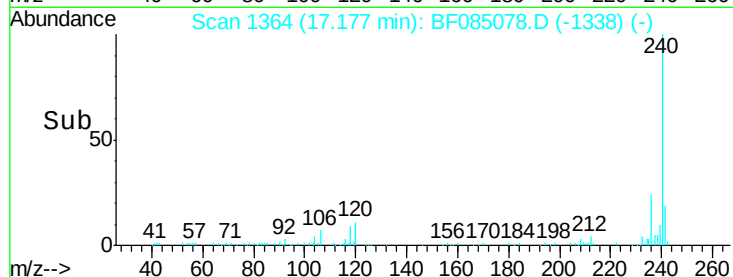
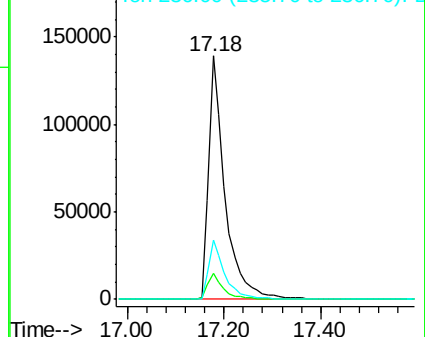
236 24.3 20.5 30.7



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: 70.45 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

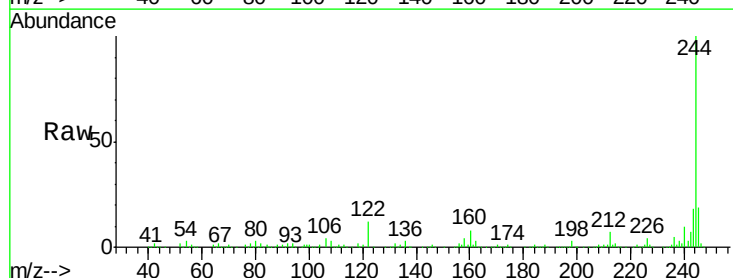
Tgt Ion:244 Resp: 1128419

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

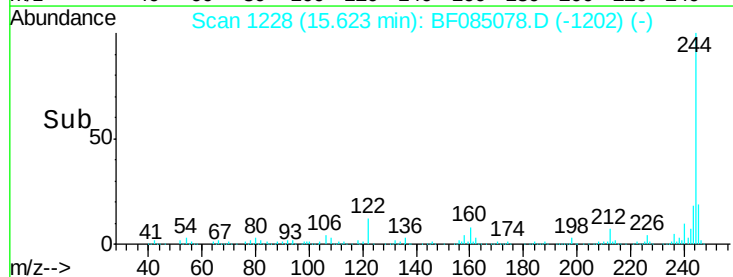
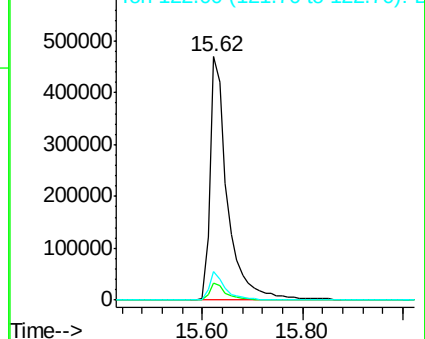
122 11.8 10.1 15.1

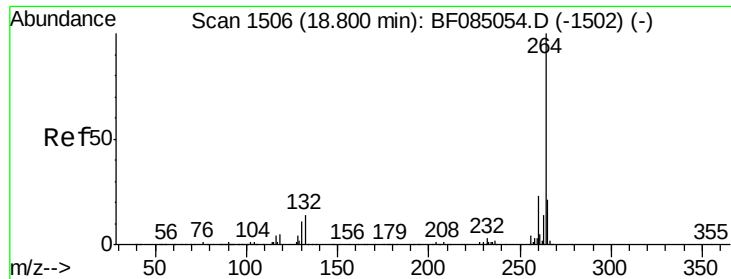


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

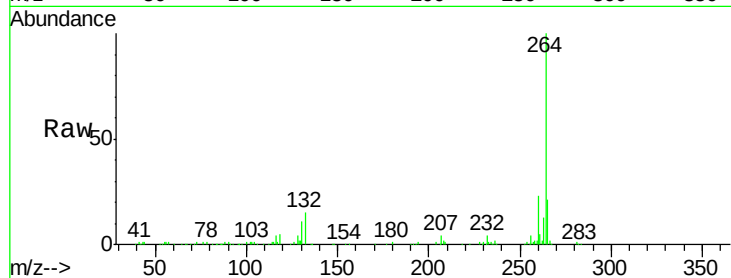




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SUP-B019(9-11)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	20.9	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

