

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085066.D
 Acq On : 13 Feb 2016 4:24
 Operator : SJ/IZ
 Sample : H1396-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(26.5-28.5)

Quant Time: Feb 13 06:35:32 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

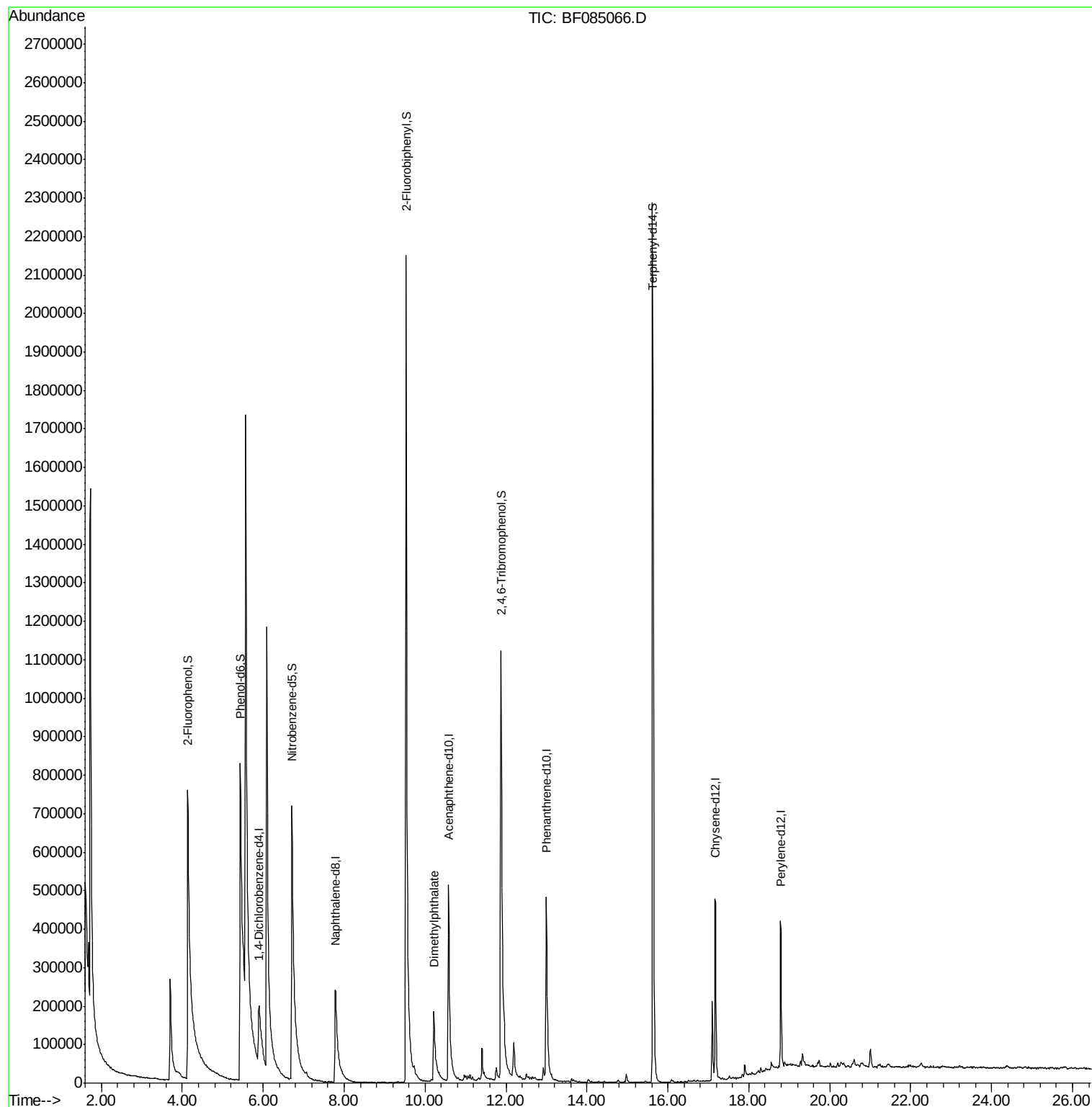
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	135020	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	611664	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	293286	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	540955	20.00	ng	0.00
75) Chrysene-d12	17.18	240	349246	20.00	ng	0.00
86) Perylene-d12	18.80	264	271167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1180555	152.89	ng	-0.02
7) Phenol-d6	5.43	99	1657889	161.10	ng	-0.01
23) Nitrobenzene-d5	6.71	82	1067022	103.01	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	446119	147.27	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1886325	91.94	ng	0.00
78) Terphenyl-d14	15.62	244	1482812	87.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.22	163	315702	14.36	ng	Qvalue 99

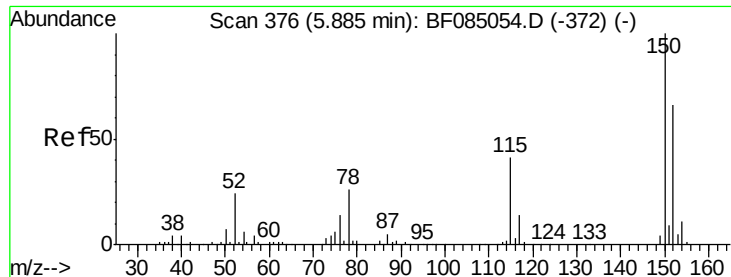
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S4-B003(26.5-28.5)

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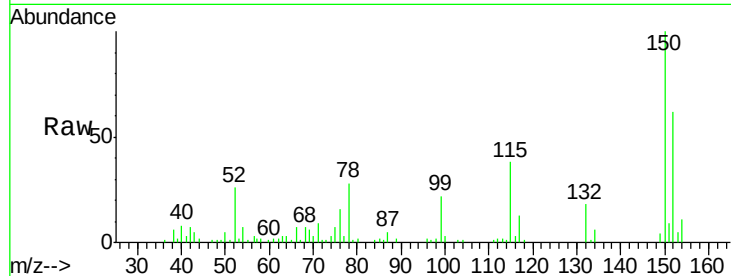


#1

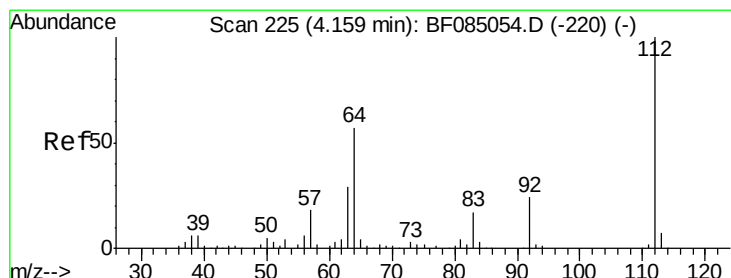
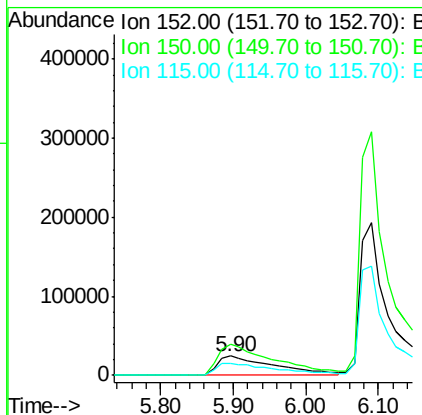
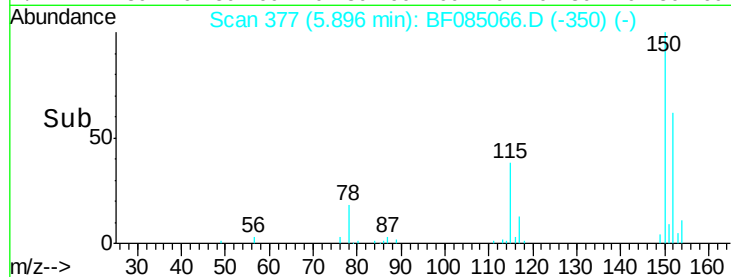
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF085066.D
Acq: 13 Feb 2016 4:24

Instrument :
BNA_F
ClientSampleId :
S4-B003(26.5-28.5)

Tot Ion:152 Resp: 135020
Ion Ratio Lower Upper
152 100
150 161.0 127.4 191.2
115 62.0 50.5 75.7



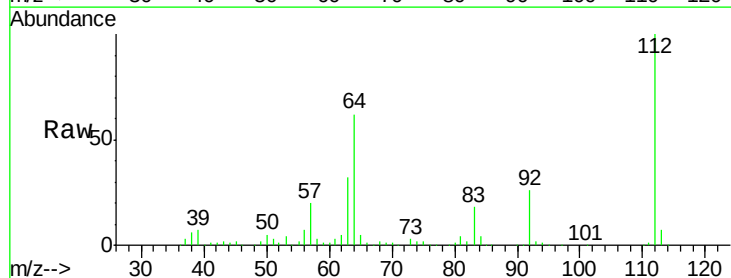
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



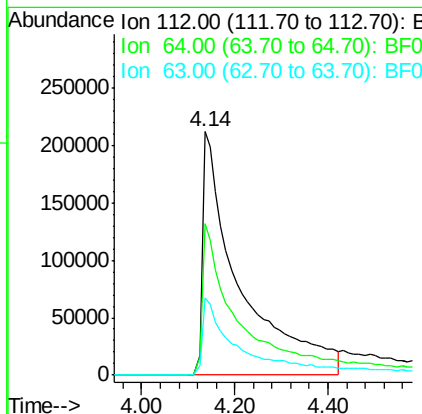
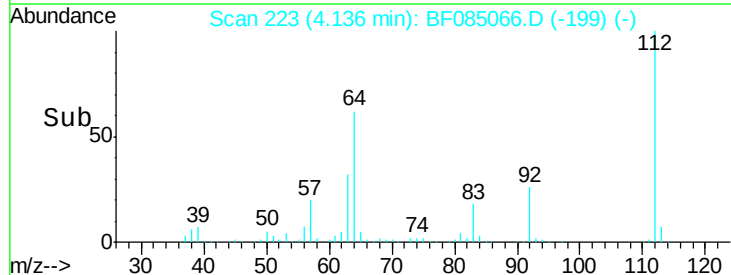
#5

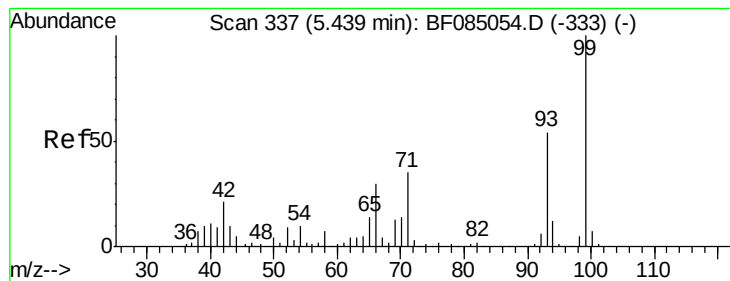
2-Fluorophenol
Concen: 152.89 ng
RT: 4.14 min Scan# 223
Delta R.T. -0.02 min
Lab File: BF085066.D
Acq: 13 Feb 2016 4:24

Tgt Ion:112 Resp: 1180555
Ion Ratio Lower Upper
112 100
64 62.1 45.4 68.2
63 31.7 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: 161.10 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

Instrument :

BNA_F

ClientSampleId :

S4-B003(26.5-28.5)

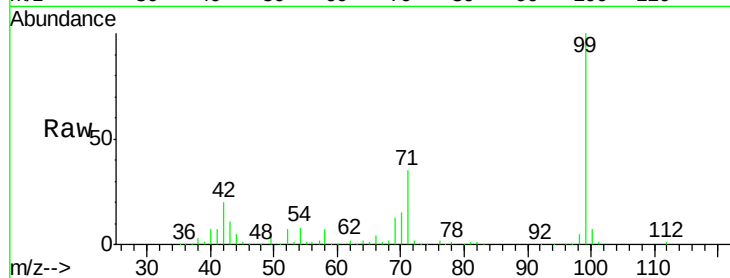
Tot Ion: 99 Resp: 1657889

Ion Ratio Lower Upper

99 100

42 19.5 17.0 25.4

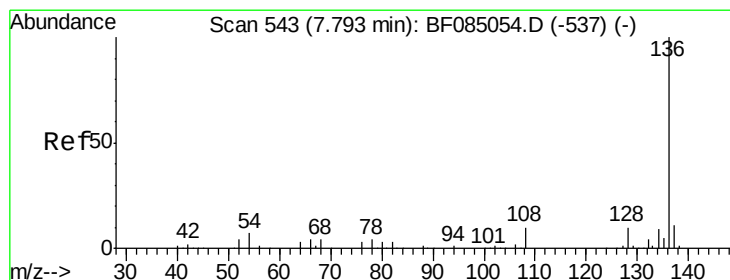
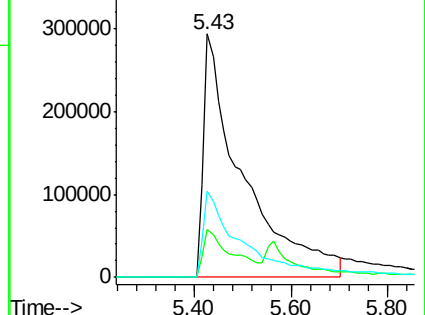
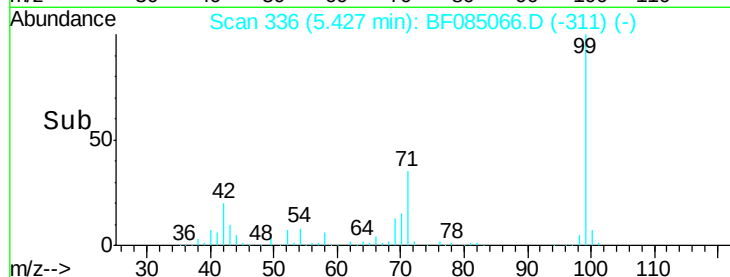
71 35.2 28.3 42.5



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: BF085066.D

Acq: 13 Feb 2016 4:24

Tgt Ion: 136 Resp: 611664

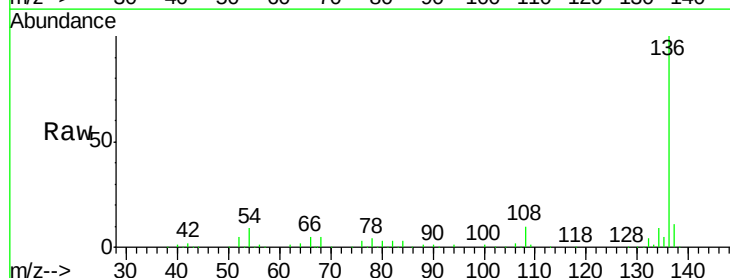
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.4 6.1 9.1#

68 4.8 3.5 5.3

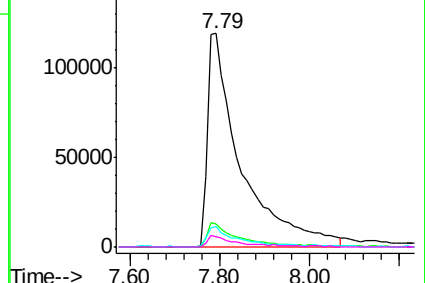
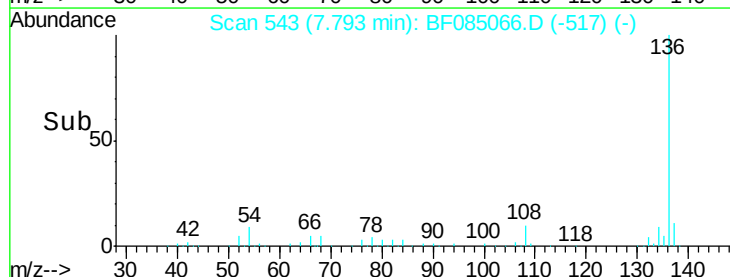


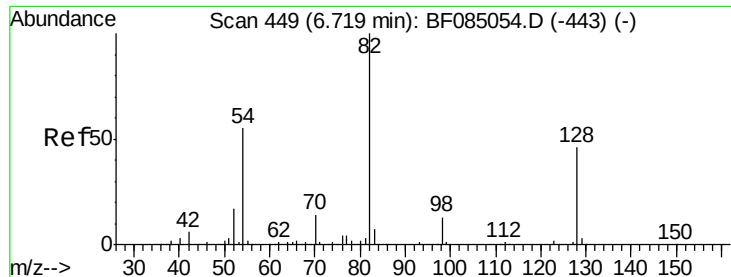
Abundance Ion 136.00 (135.70 to 136.70): E

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

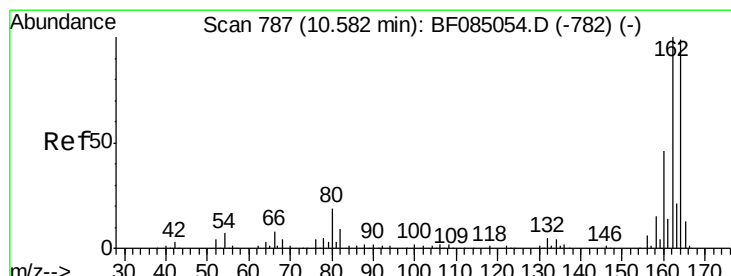
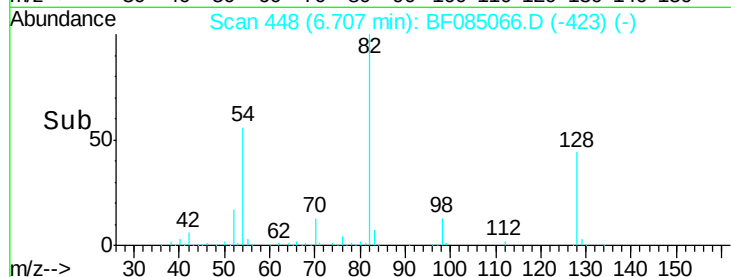
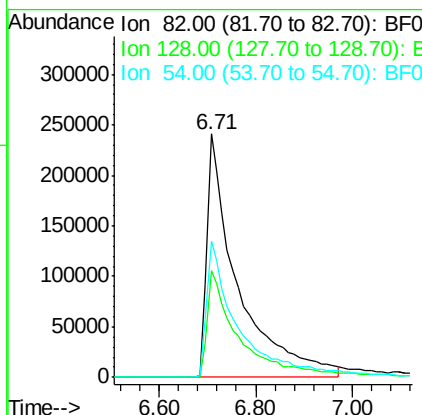
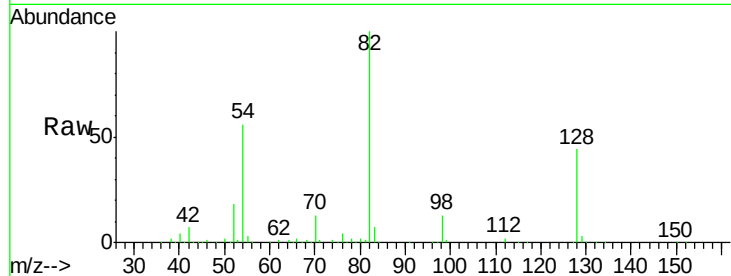




#23
 Nitrobenzene-d5
 Concen: 103.01 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

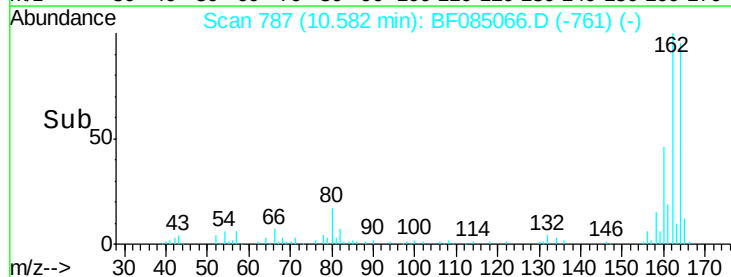
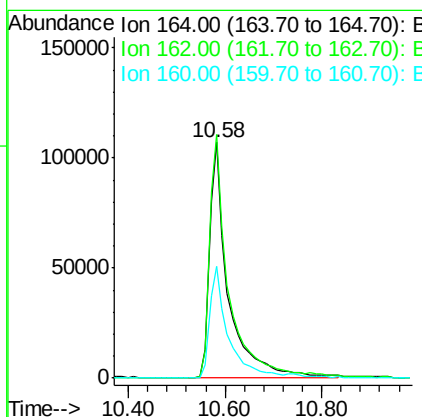
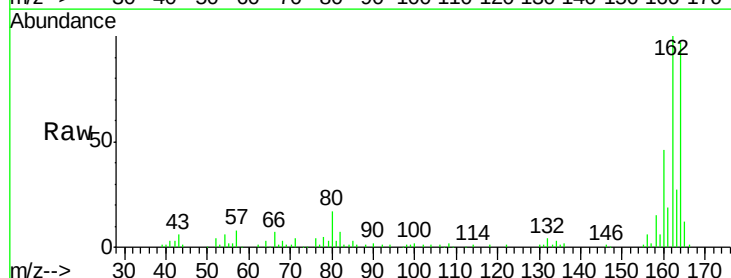
Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(26.5-28.5)

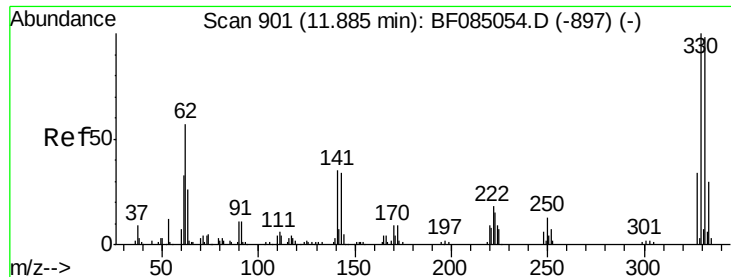
Tot Ion: 82 Resp: 1067022
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.8 55.2
 54 55.9 44.4 66.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

Tgt Ion:164 Resp: 293286
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.1 121.7
 160 47.3 37.4 56.0

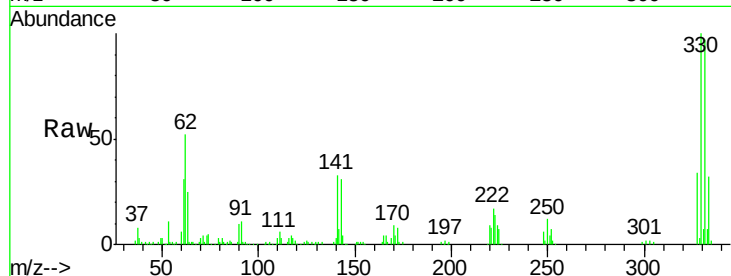




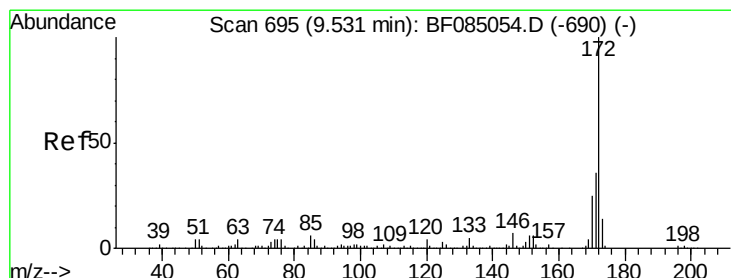
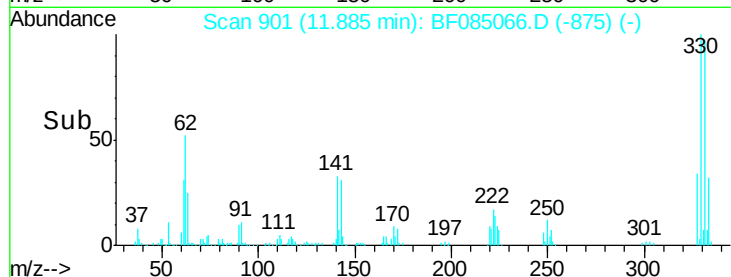
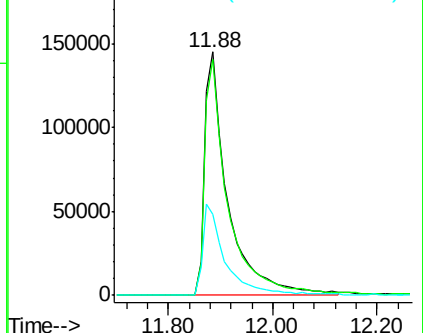
#41
 2,4,6-Tribromophenol
 Concen: 147.27 ng
 RT: 11.88 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(26.5-28.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.5	117.7
141	37.1	28.6	42.8

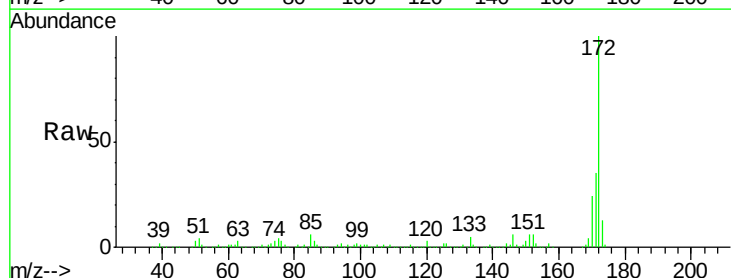


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

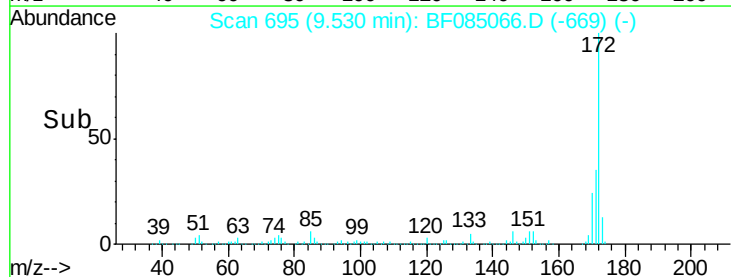
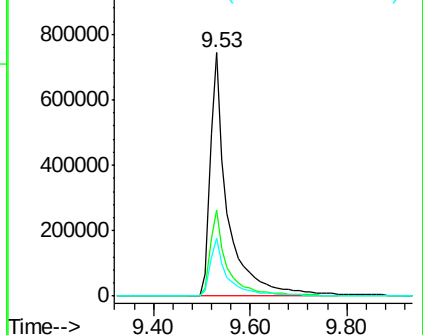


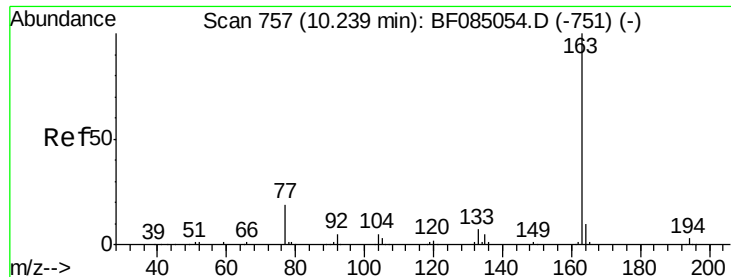
#44
 2-Fluorobiphenyl
 Concen: 91.94 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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: 14.36 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

Instrument :

BNA_F

ClientSampleId :

S4-B003(26.5-28.5)

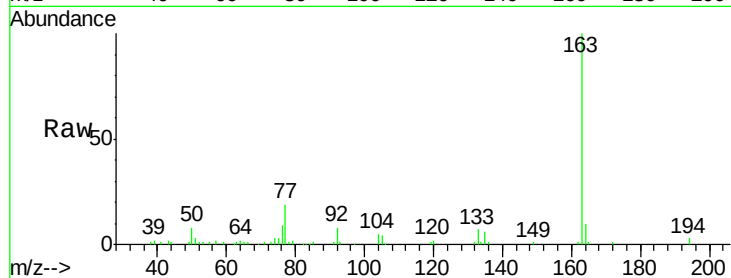
Tot Ion:163 Resp: 315702

Ion Ratio Lower Upper

163 100

194 2.9 2.5 3.7

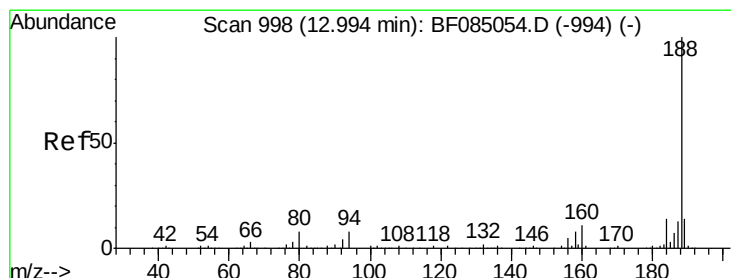
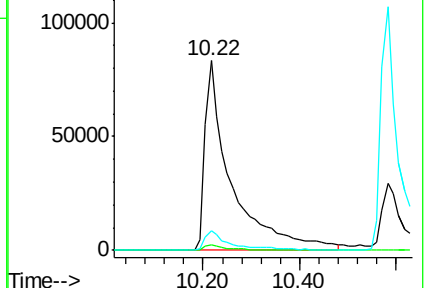
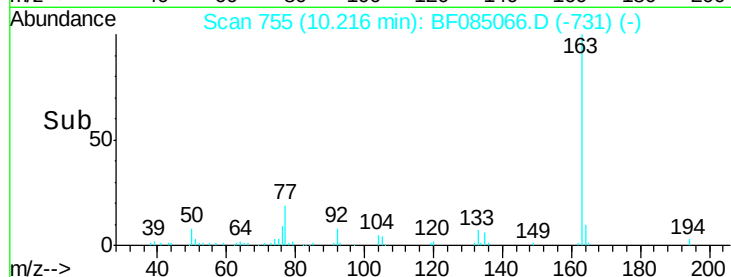
164 10.1 7.8 11.8



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: BF085066.D

Acq: 13 Feb 2016 4:24

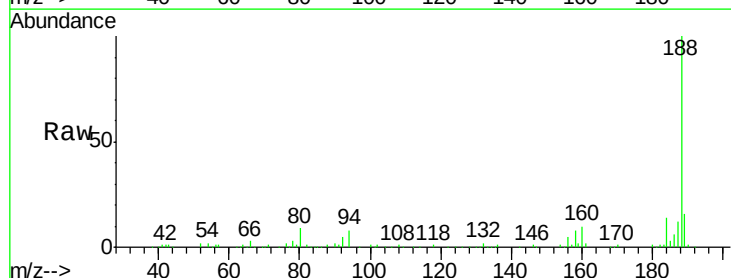
Tgt Ion:188 Resp: 540955

Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

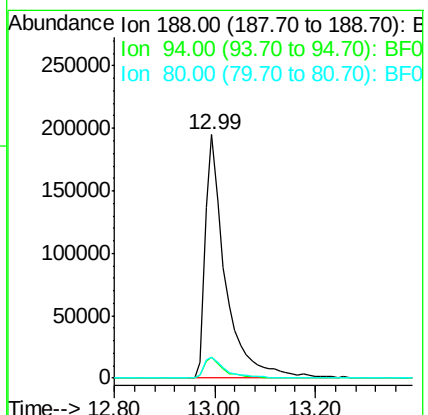
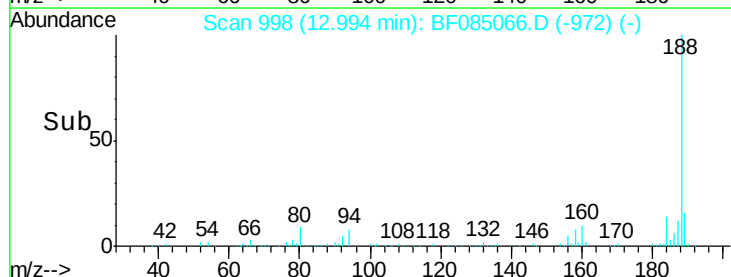
80 8.7 6.6 9.8

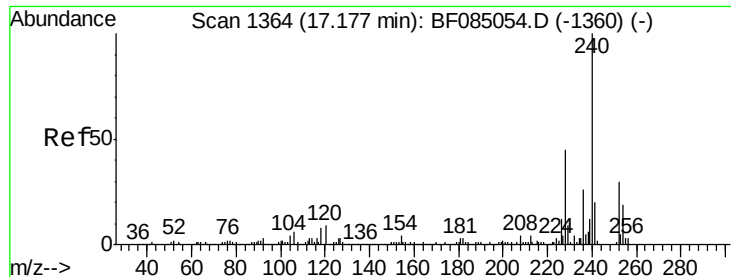


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085066.D

Acq: 13 Feb 2016 4:24

Instrument :

BNA_F

ClientSampleId :

S4-B003(26.5-28.5)

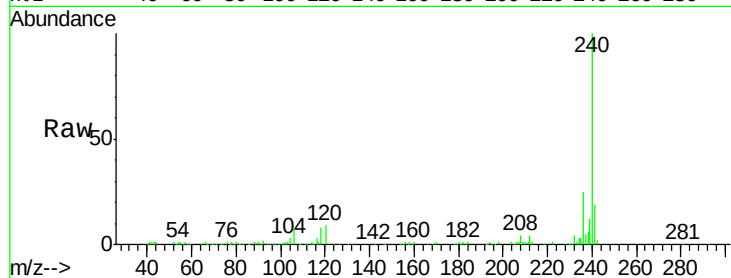
Tot Ion:240 Resp: 349246

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

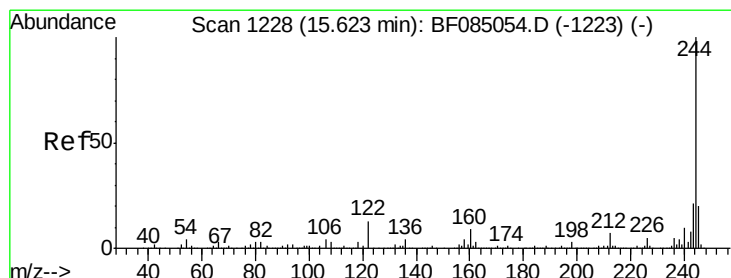
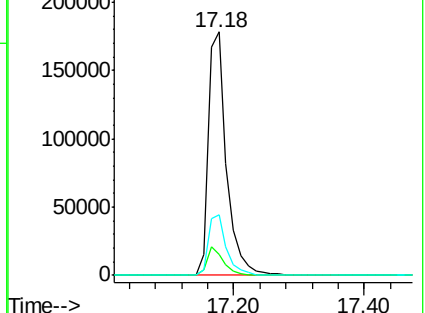
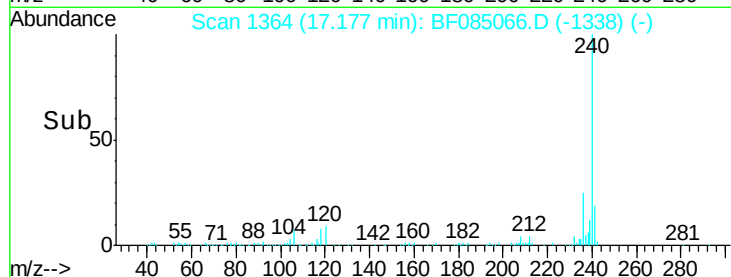
236 24.8 20.5 30.7



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: 87.38 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

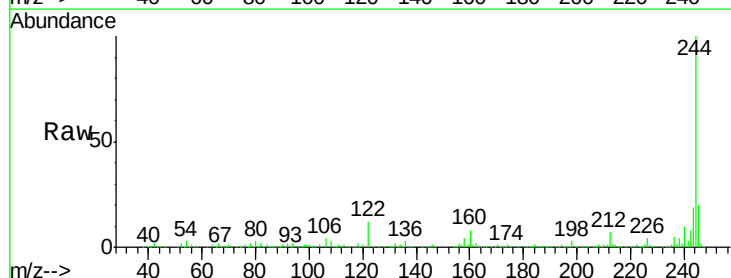
Tgt Ion:244 Resp: 1482812

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

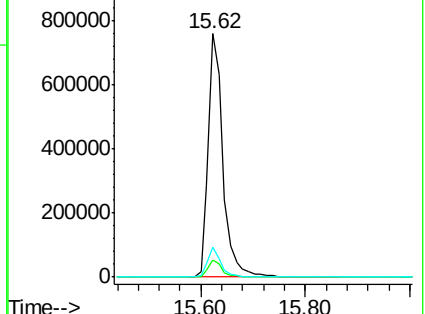
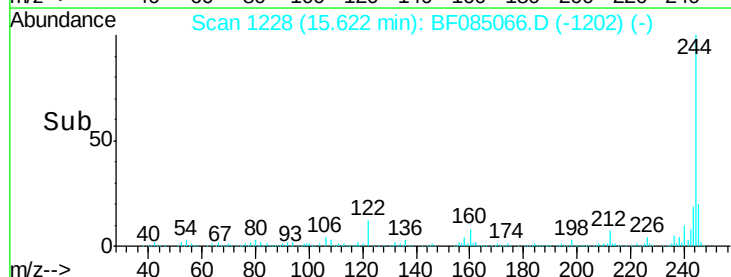
122 12.3 10.1 15.1

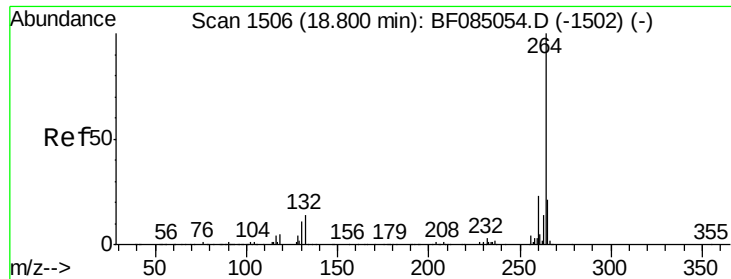


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

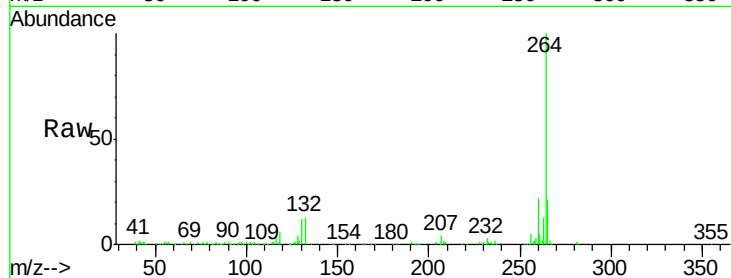




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085066.D
Acq: 13 Feb 2016 4:24

Instrument :
BNA_F
ClientSampleId :
S4-B003(26.5-28.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	21.3	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

