

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084959.D
 Acq On : 9 Feb 2016 18:34
 Operator : SJ/IZ
 Sample : H1386-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Quant Time: Feb 10 03:25:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

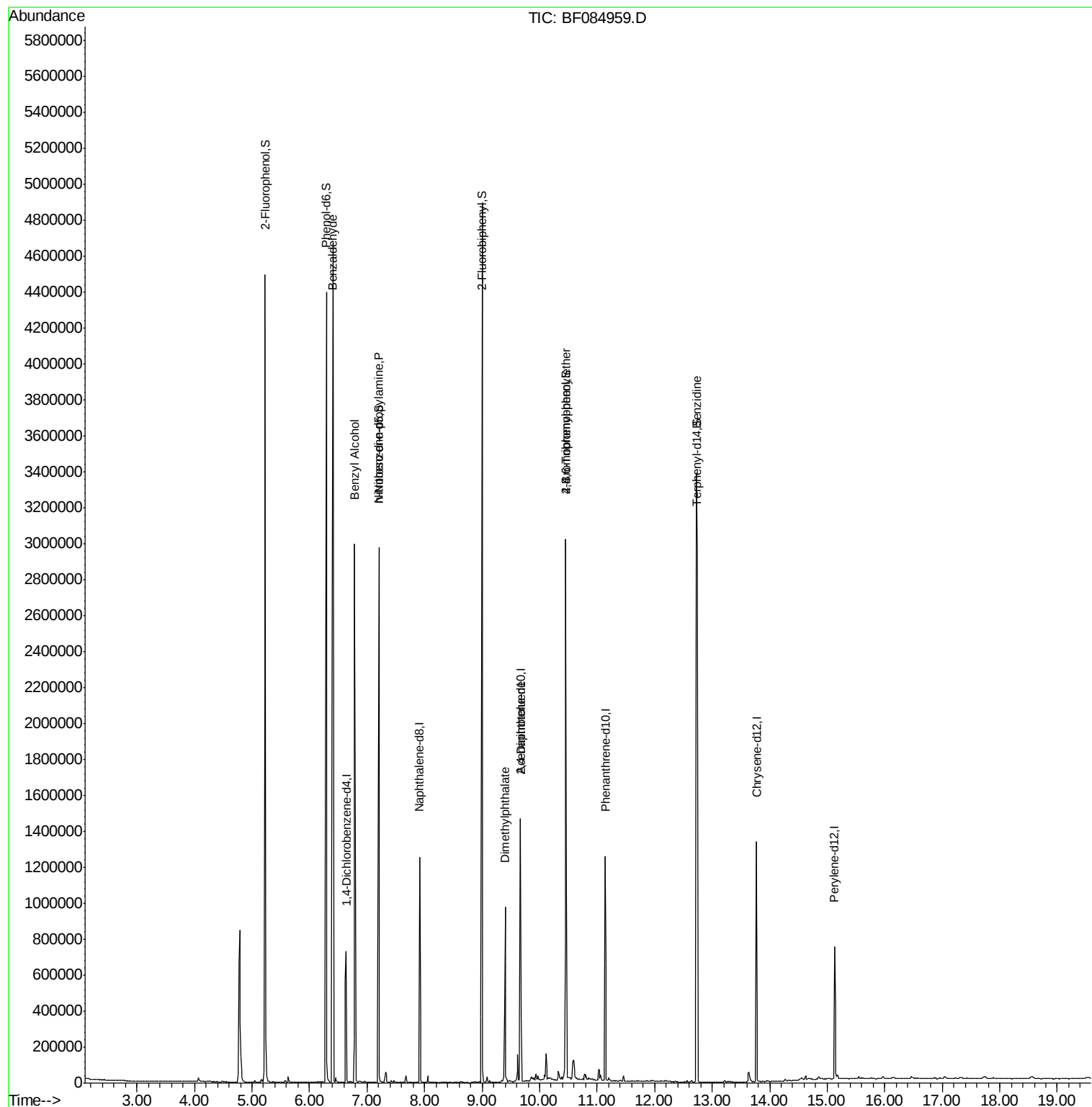
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	146446	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	591707	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	300089	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	543392	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	460886	20.00	ng	-0.07
86) Perylene-d12	15.13	264	333480	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1336947	142.20	ng	-0.05
7) Phenol-d6	6.29	99	1698134	145.69	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1107495	105.44	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	434958	138.96	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1694284	101.84	ng	-0.06
78) Terphenyl-d14	12.74	244	1591907	78.27	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.41	77	35098	5.10	ng	Qvalue 84
15) Benzyl Alcohol	6.78	79	16112	2.00	ng	# 48
19) n-Nitroso-di-n-propylamine	7.21	70	153637	21.03	ng	# 73
49) Dimethylphthalate	9.40	163	439212	19.22	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	37994	5.97	ng	# 21
66) 4-Bromophenyl-phenylether	10.45	248	25774	4.29	ng	# 1
76) Benizidine	12.73	184	21822	7.78	ng	97

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
Data File : BF084959.D
Acq On : 9 Feb 2016 18:34
Operator : SJ/IZ
Sample : H1386-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

Quant Time: Feb 10 03:25:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



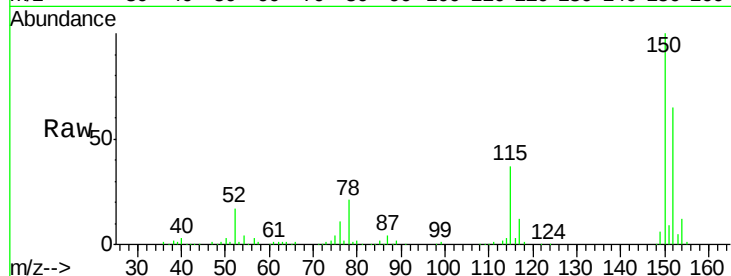


#1

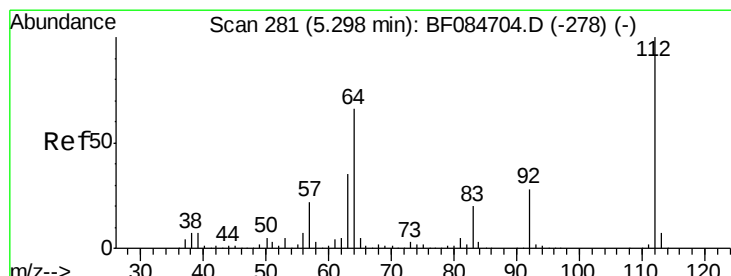
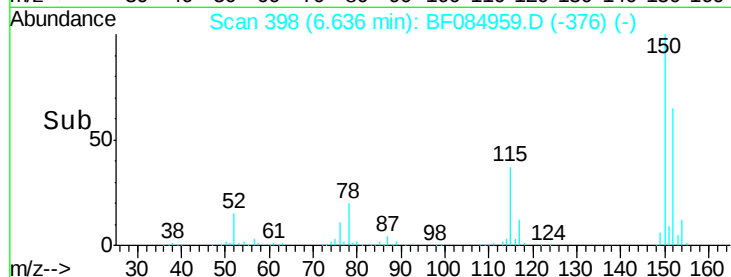
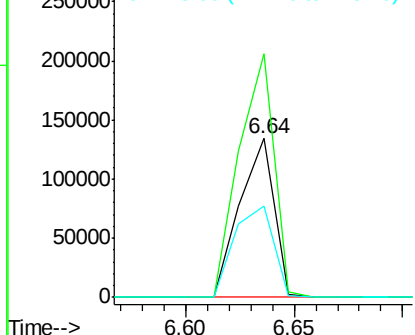
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

Tgt Ion:152 Resp: 146446
Ion Ratio Lower Upper
152 100
150 153.2 123.0 184.4
115 57.2 51.4 77.2



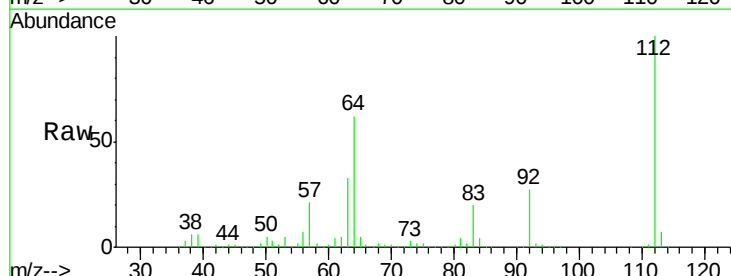
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



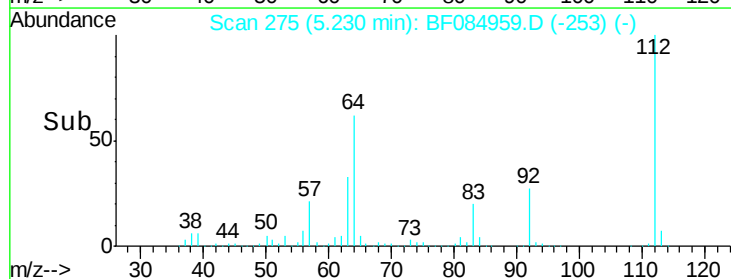
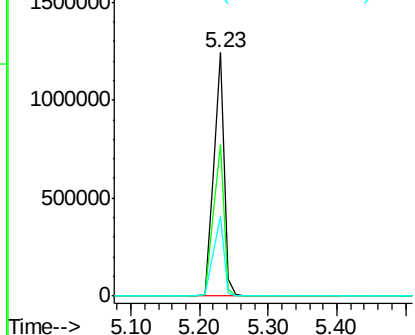
#5

2-Fluorophenol
Concen: 142.20 ng
RT: 5.23 min Scan# 275
Delta R.T. -0.05 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Tgt Ion:112 Resp: 1336947
Ion Ratio Lower Upper
112 100
64 62.0 36.6 55.0#
63 32.9 19.4 29.0#



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: 145.69 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

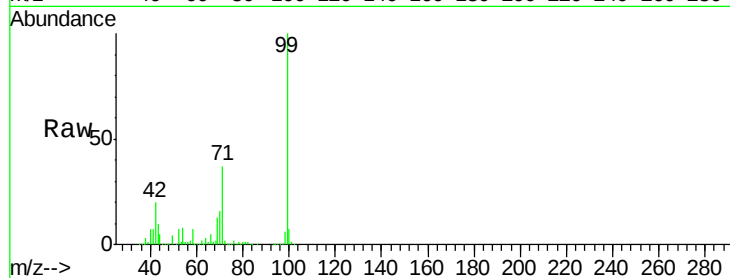
Tgt Ion: 99 Resp: 1698134

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

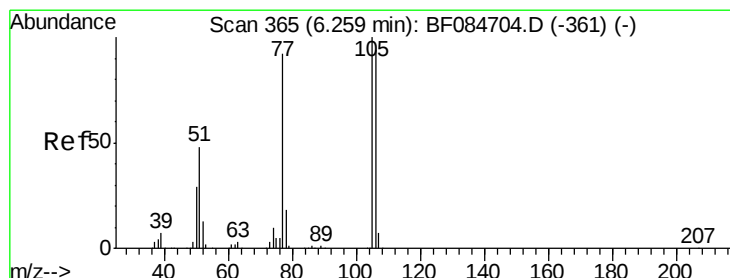
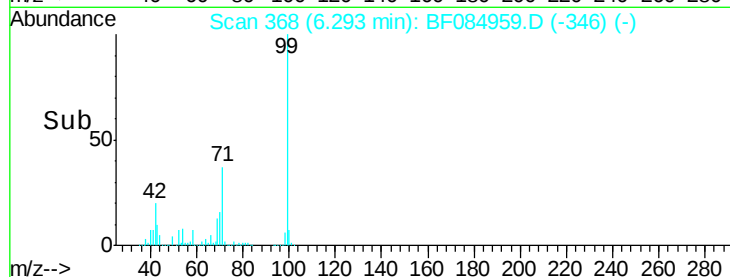
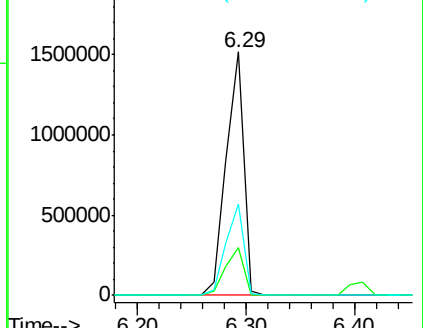
71 37.5 30.9 46.3



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



#9

Benzaldehyde

Concen: 5.10 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.17 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

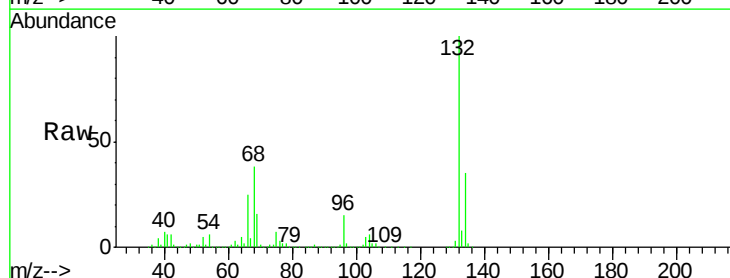
Tgt Ion: 77 Resp: 35098

Ion Ratio Lower Upper

77 100

105 85.9 83.0 123.0

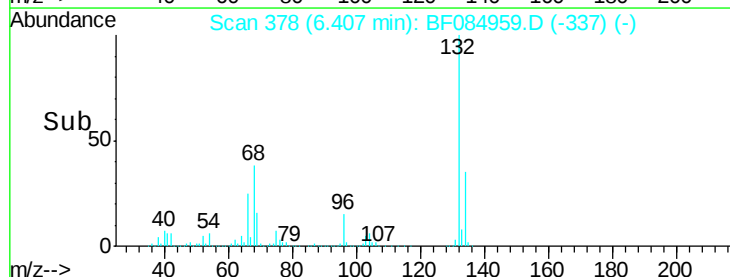
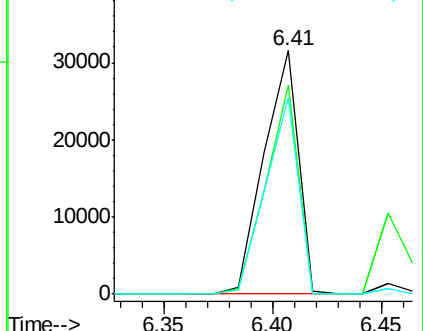
106 80.7 74.6 114.6

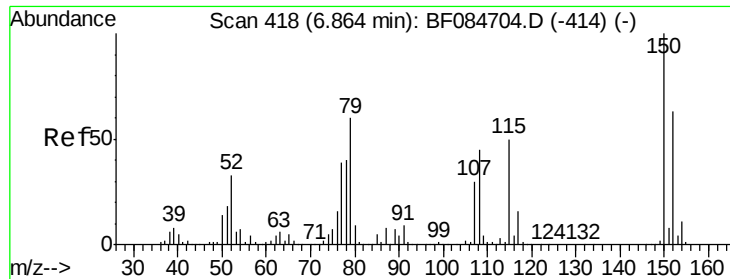


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

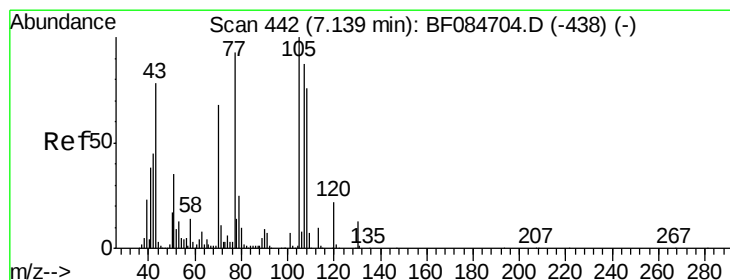
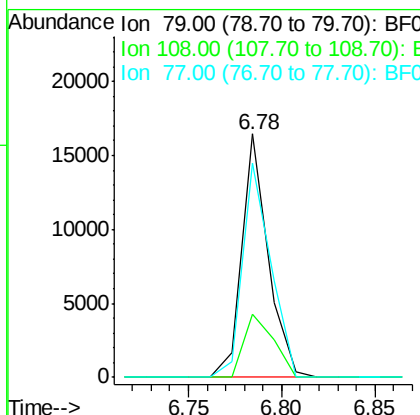
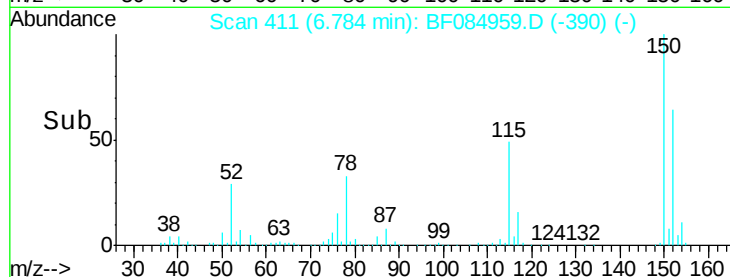
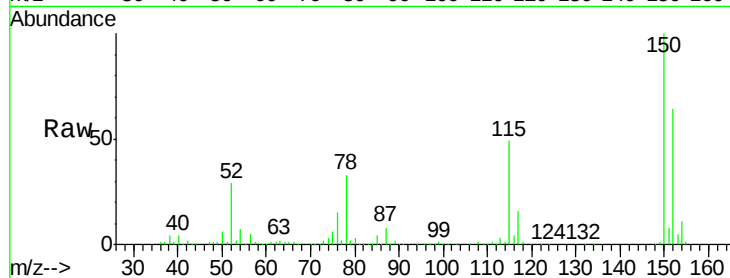




#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.06 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

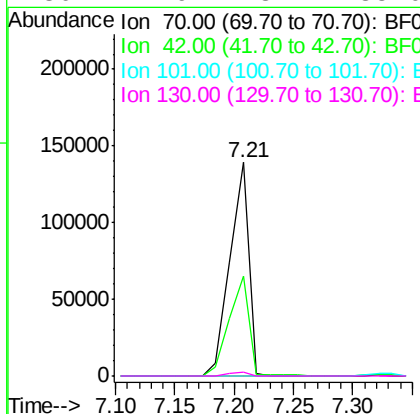
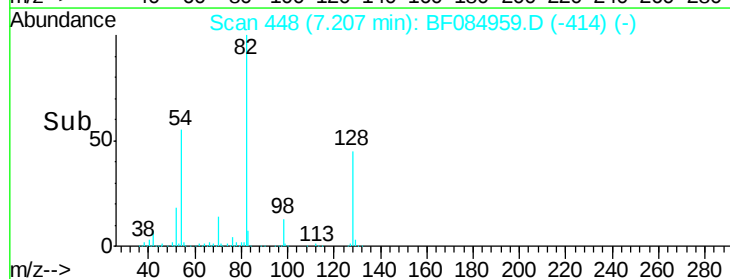
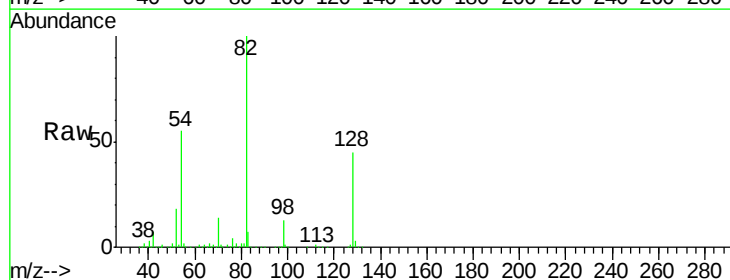
Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

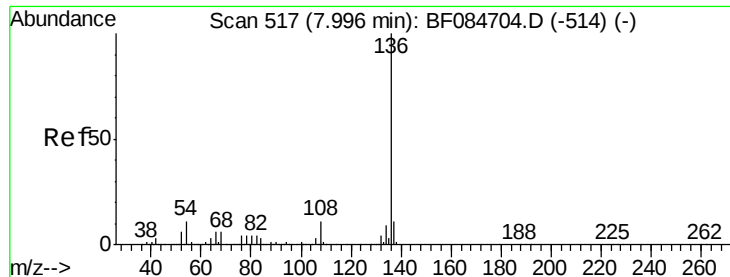
Tgt Ion: 79 Resp: 16112
Ion Ratio Lower Upper
79 100
108 25.7 69.0 103.4#
77 88.0 50.0 75.0#



#19
n-Nitroso-di-n-propylamine
Concen: 21.03 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.09 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Tgt Ion: 70 Resp: 153637
Ion Ratio Lower Upper
70 100
42 46.9 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#

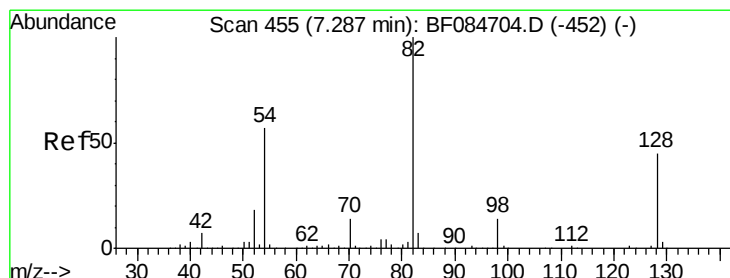
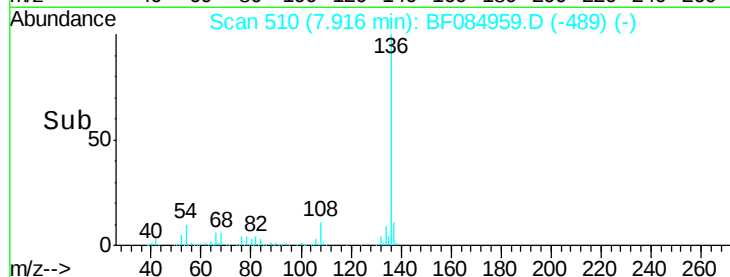
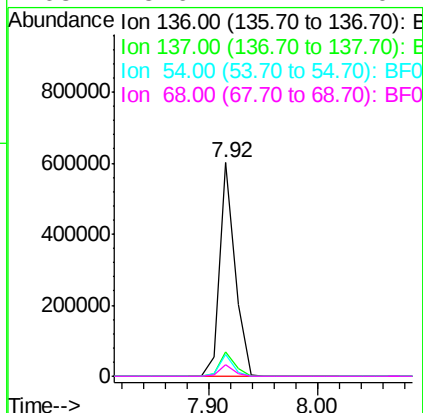
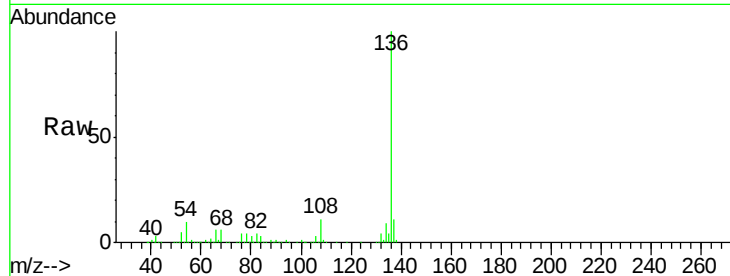




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.06 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

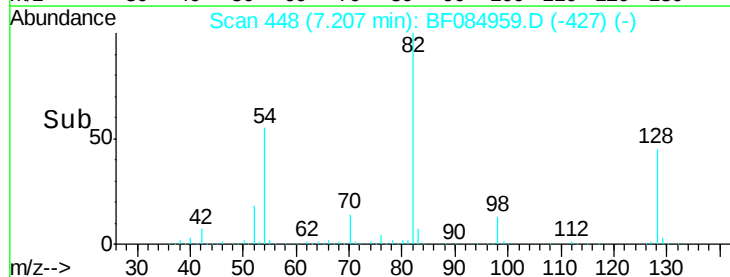
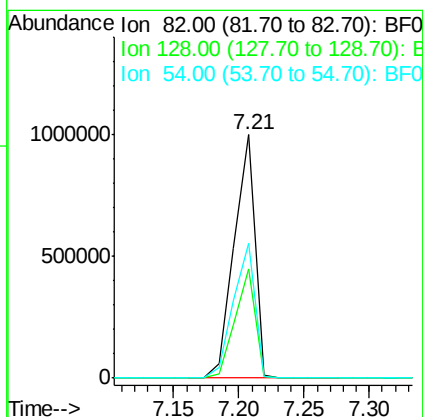
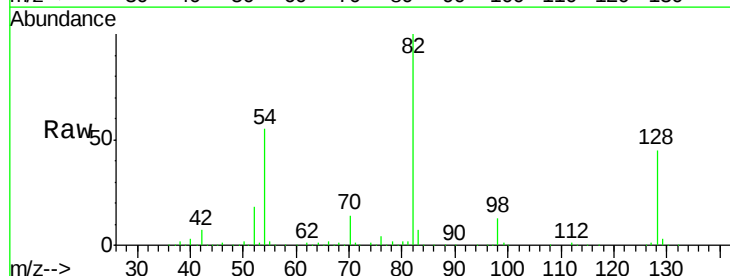
Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

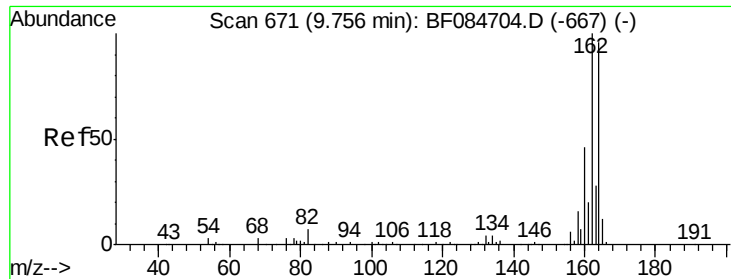
Tgt Ion:	136	Resp:	591707
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.1	5.8	8.8#
68	5.6	4.2	6.2



#23
Nitrobenzene-d5
Concen: 105.44 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Tgt Ion:	82	Resp:	1107495
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	55.4	38.4	57.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

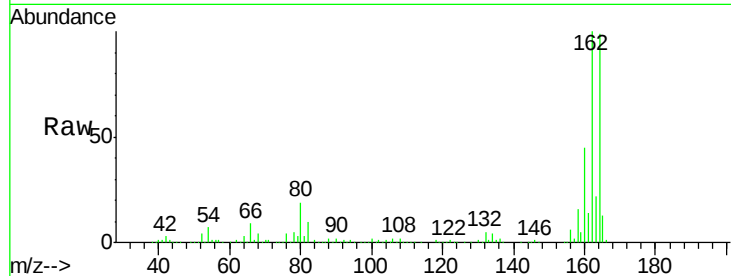
Tgt Ion:164 Resp: 300089

Ion Ratio Lower Upper

164 100

162 100.5 85.1 127.7

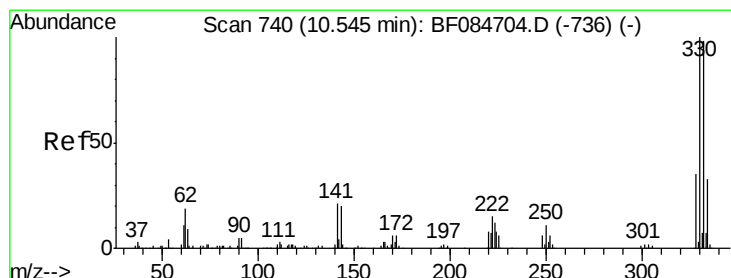
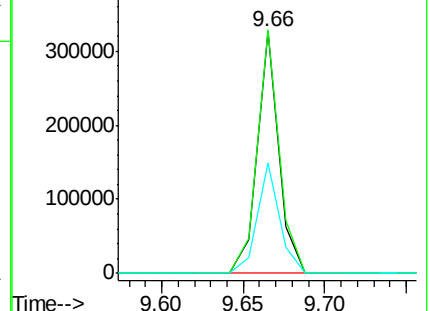
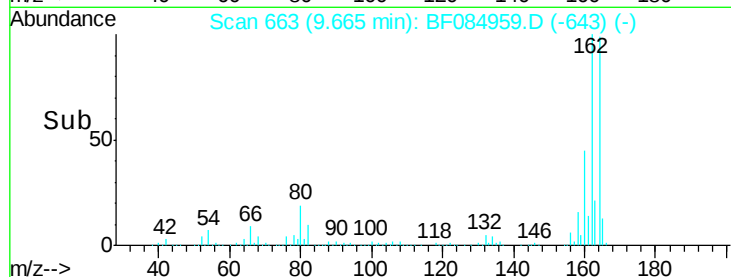
160 45.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 138.96 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.07 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

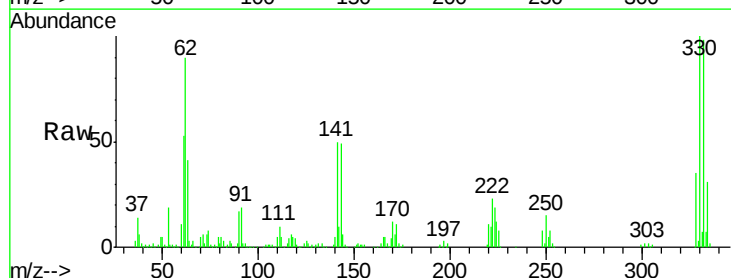
Tgt Ion:330 Resp: 434958

Ion Ratio Lower Upper

330 100

332 98.3 76.6 114.8

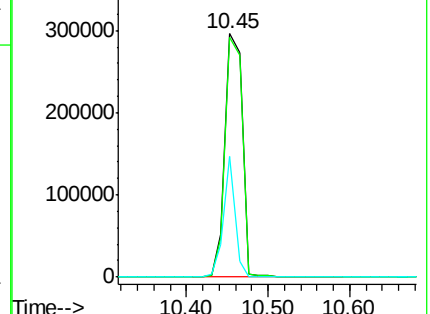
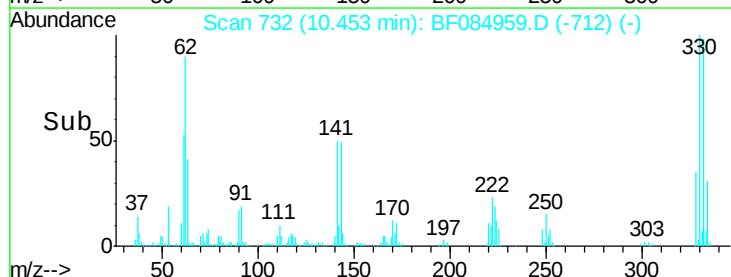
141 33.7 27.8 41.6

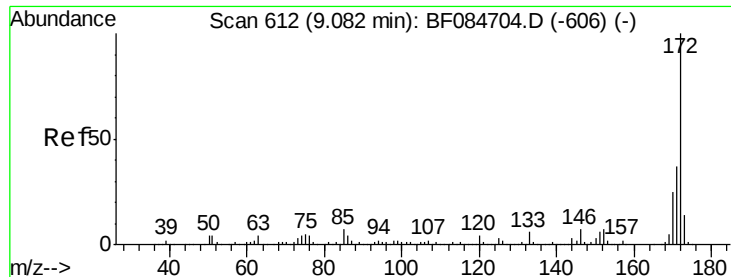


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

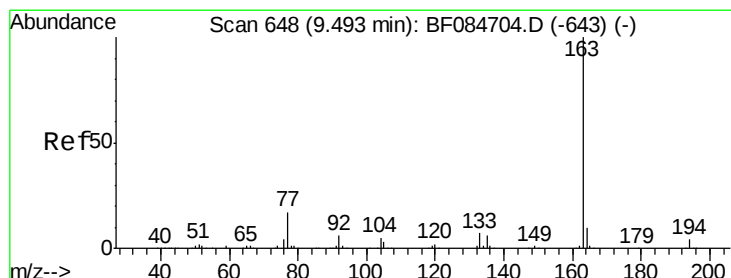
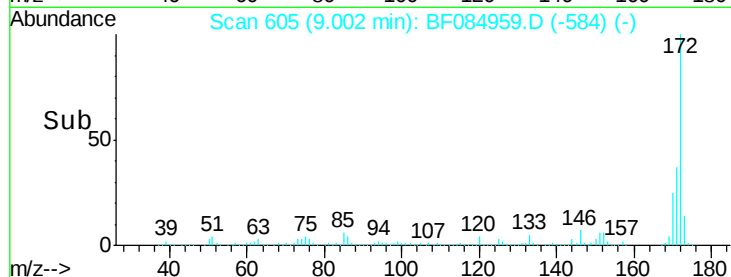
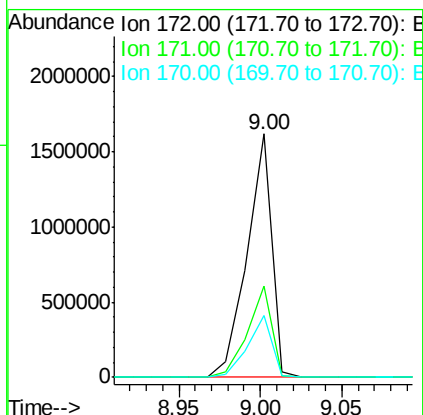
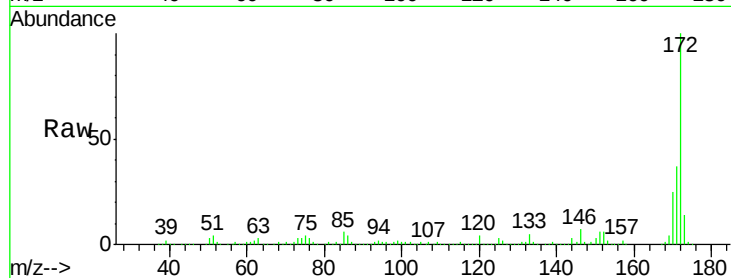




#44
2-Fluorobiphenyl
Concen: 101.84 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

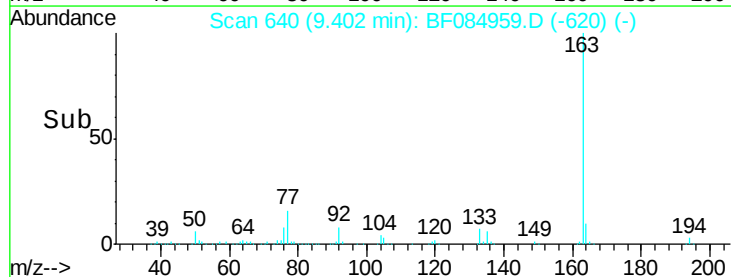
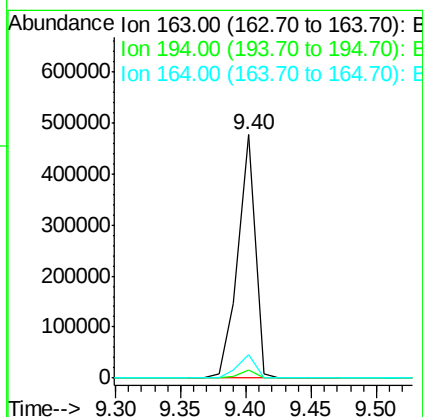
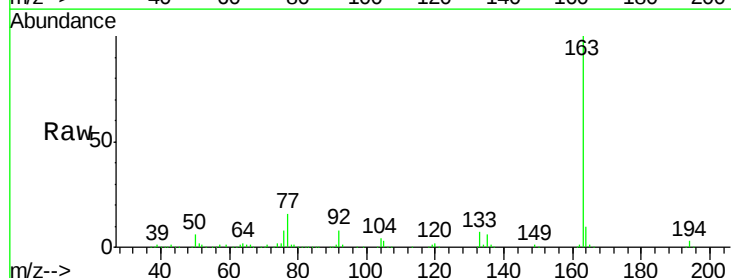
Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

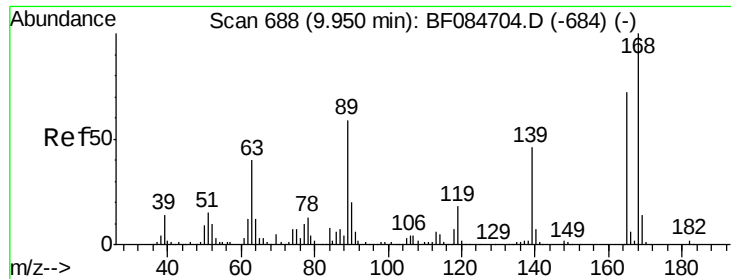
Tgt Ion:172 Resp: 1694284
Ion Ratio Lower Upper
172 100
171 37.3 28.9 43.3
170 25.2 18.6 27.8



#49
Dimethylphthalate
Concen: 19.22 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Tgt Ion:163 Resp: 439212
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 9.7 8.0 12.0

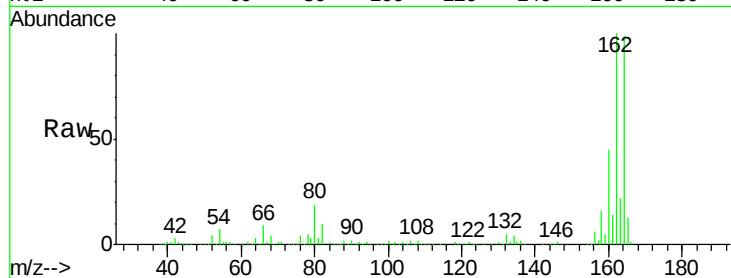




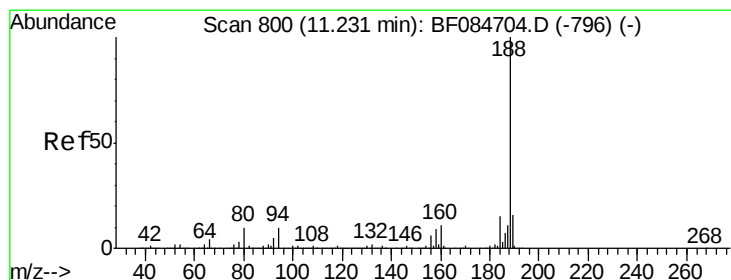
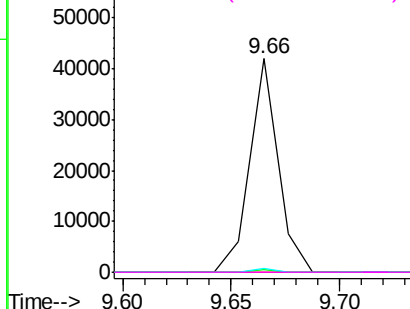
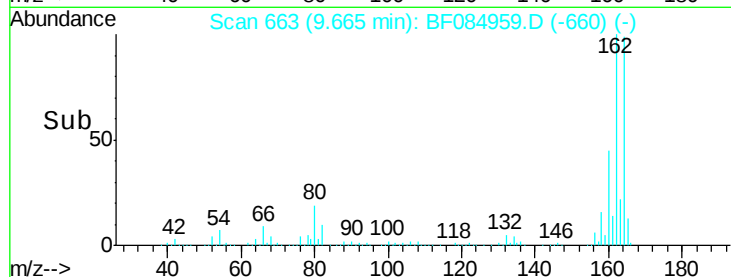
#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.26 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Tgt Ion:165 Resp: 37994
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.7 61.9 92.9#
 182 0.0 2.0 3.0#

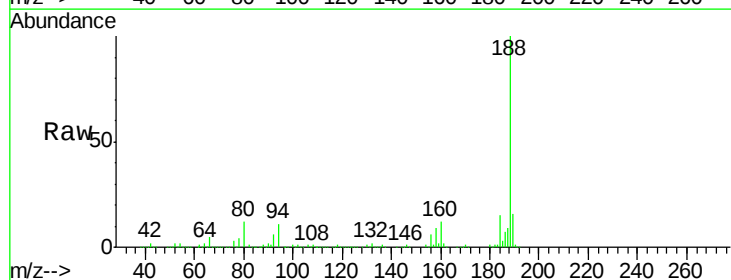


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

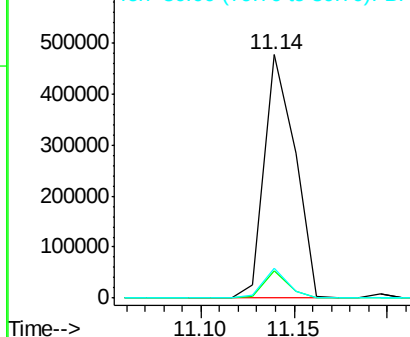
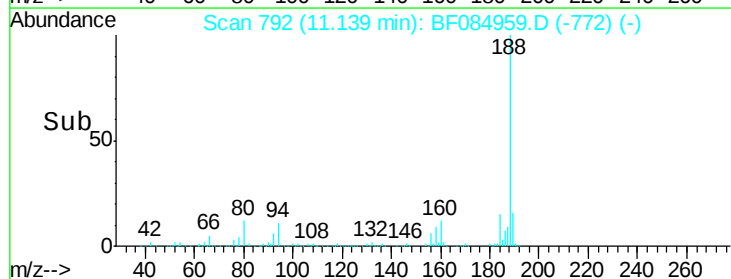


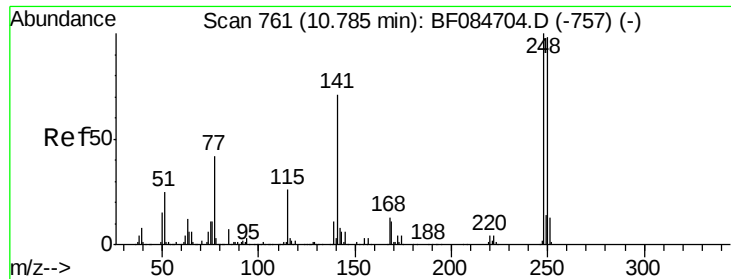
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.07 min
 Lab File: BF084959.D
 Acq: 9 Feb 2016 18:34

Tgt Ion:188 Resp: 543392
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.0 13.4
 80 12.4 9.6 14.4



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

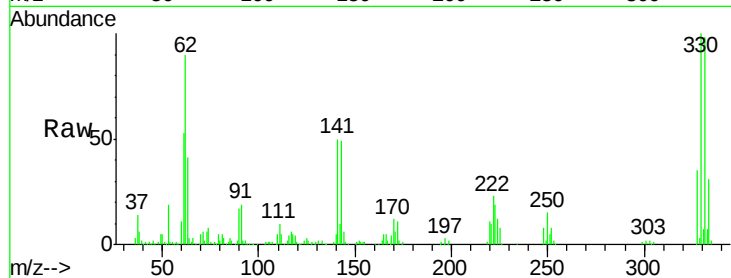




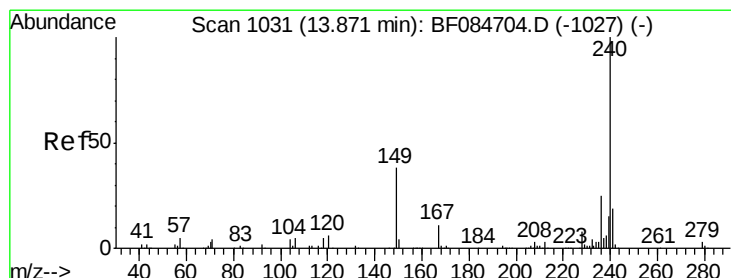
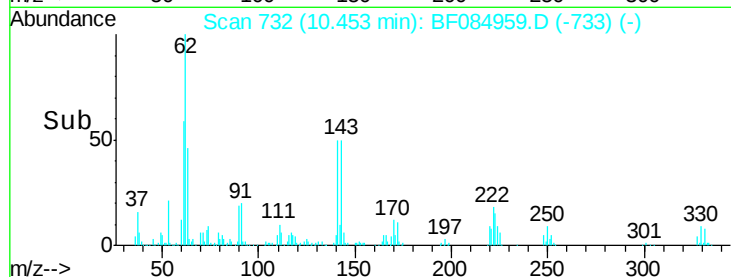
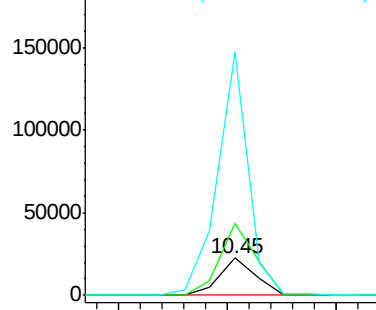
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.31 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

Tgt Ion:248 Resp: 25774
Ion Ratio Lower Upper
248 100
250 194.7 78.4 117.6#
141 656.2 44.0 66.0#

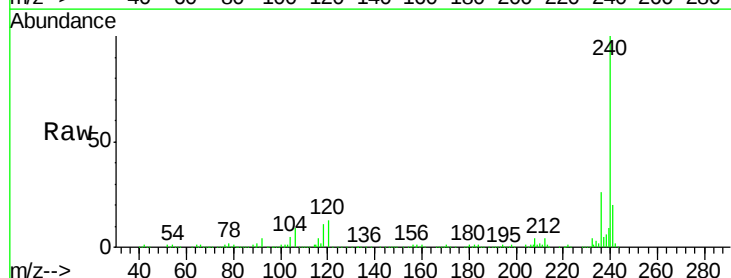


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

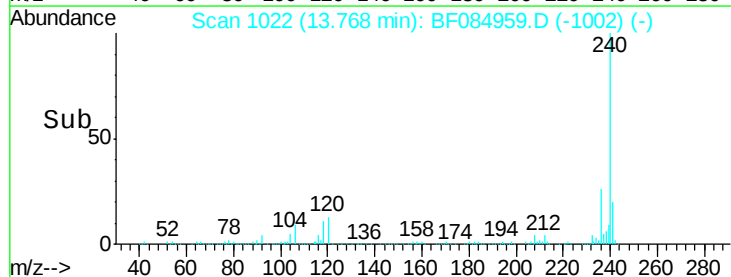
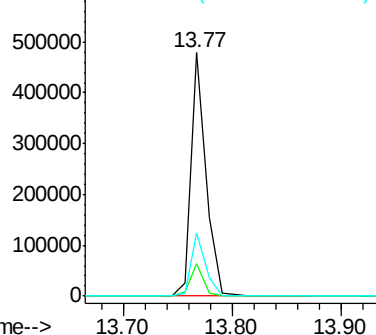


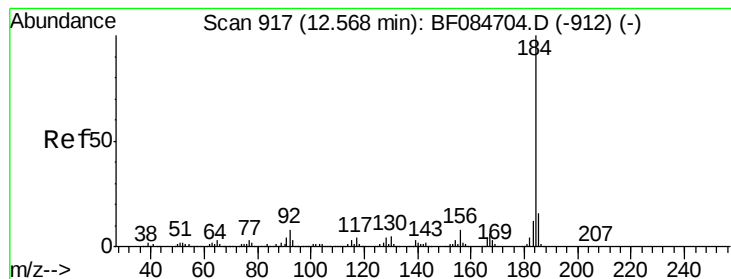
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Tgt Ion:240 Resp: 460886
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.0 20.6 31.0



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





#76

Benzidine

Concen: 7.78 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.18 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

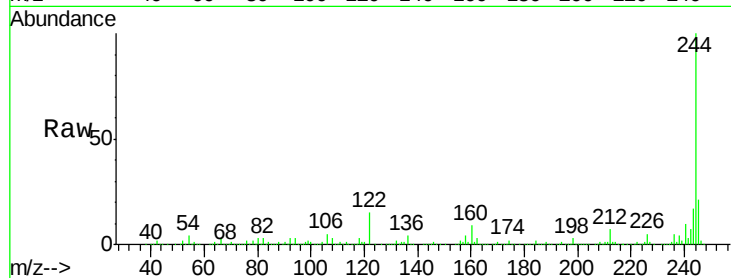
Tgt Ion:184 Resp: 21822

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.2

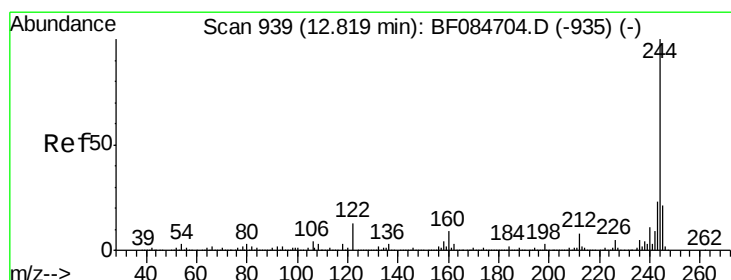
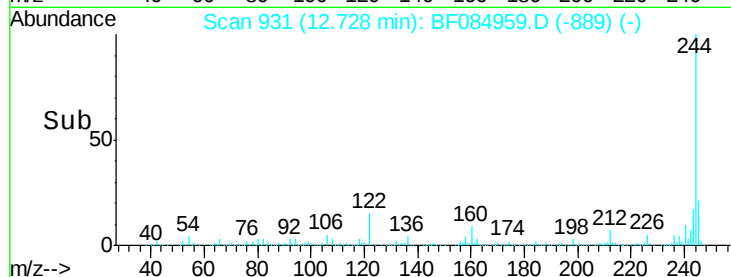
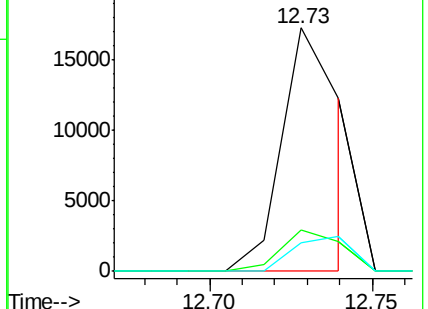
183 11.9 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 78.27 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084959.D

Acq: 9 Feb 2016 18:34

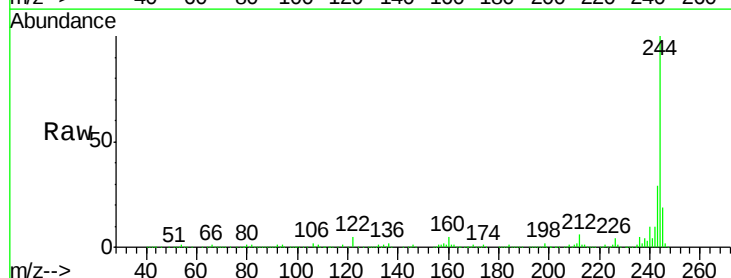
Tgt Ion:244 Resp: 1591907

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

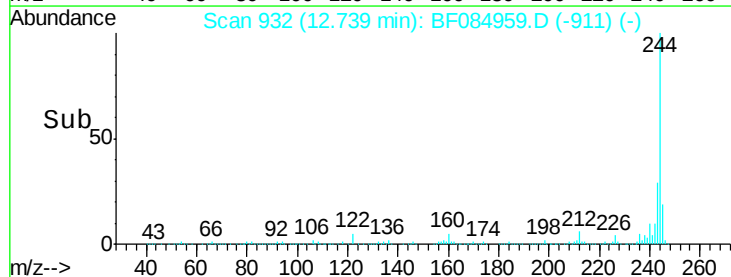
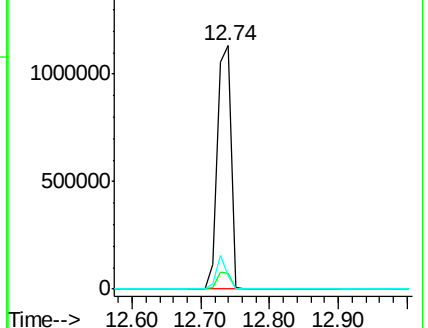
122 5.2 7.4 11.0#

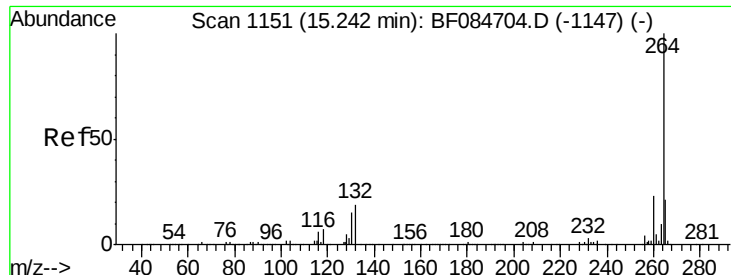


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

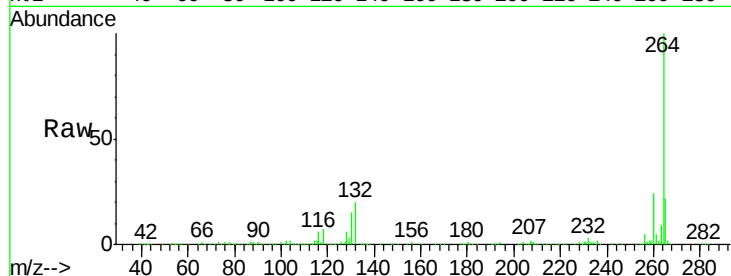




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084959.D
Acq: 9 Feb 2016 18:34

Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.4	17.8	26.6



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

