

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085820.D
 Acq On : 29 Mar 2016 00:04
 Operator : UM/SJ
 Sample : H1942-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-932SCOMP

Quant Time: Mar 29 03:41:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

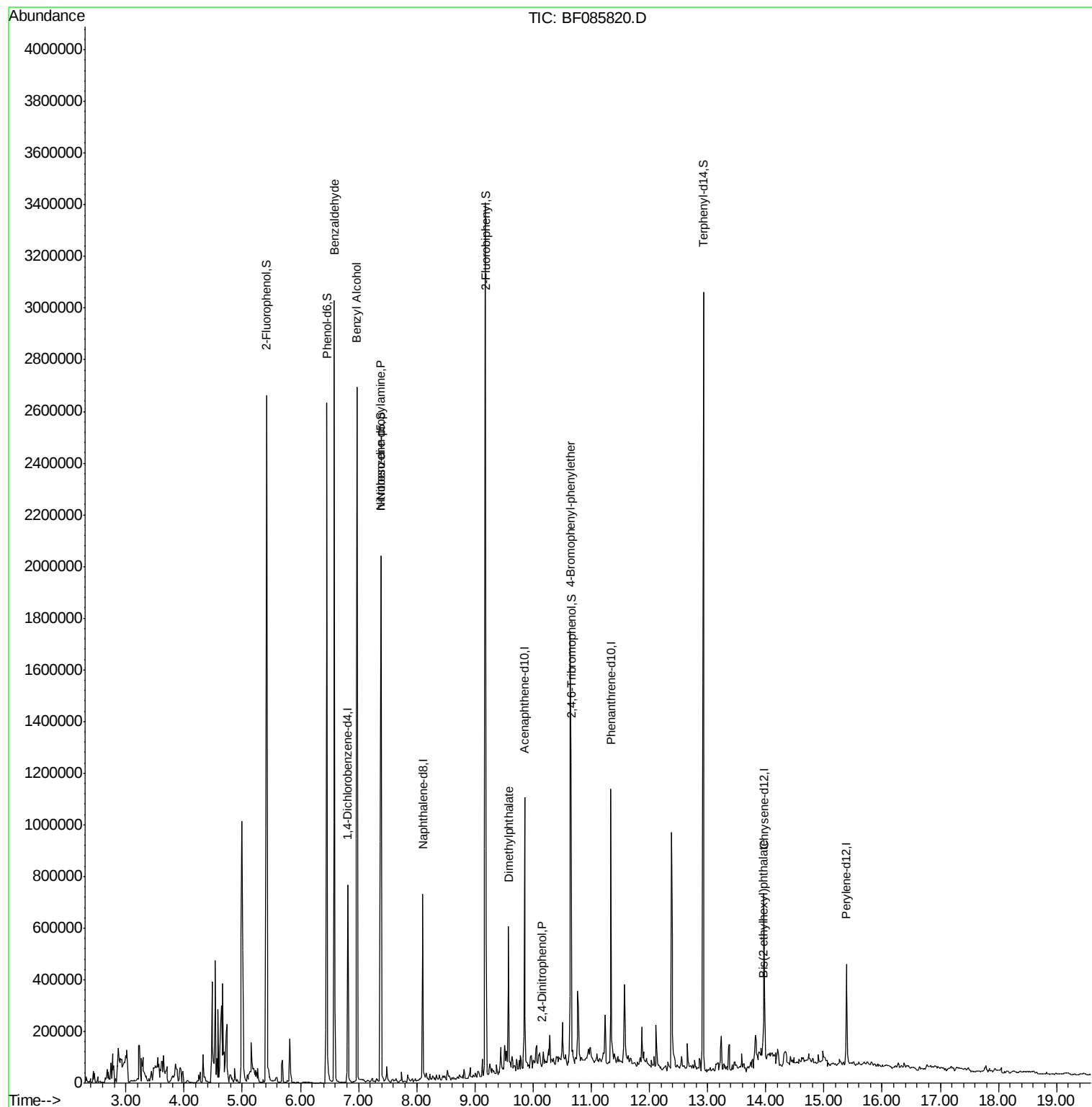
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109651	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	433158	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	193557	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	363611	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	215554	20.00	ng	-0.01
86) Perylene-d12	15.39	264	190921	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	869555	132.07	ng	0.01
7) Phenol-d6	6.46	99	1224348	146.26	ng	0.00
23) Nitrobenzene-d5	7.38	82	762258	99.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	319615	173.80	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1123698	97.00	ng	-0.01
78) Terphenyl-d14	12.93	244	1077730	102.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	19796	3.92	ng	Qvalue 85
15) Benzyl Alcohol	6.97	79	13635	2.44	ng	# 44
19) n-Nitroso-di-n-propylamine	7.38	70	103820	20.71	ng	# 77
37) 2-Methylnaphthalene	8.81	142	11656	Below	Cal	96
49) Dimethylphthalate	9.58	163	229151	15.60	ng	98
53) 2,4-Dinitrophenol	10.15	184	213	6.16	ng	# 9
66) 4-Bromophenyl-phenylether	10.64	248	19186	5.16	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.96	149	25087	2.82	ng	# 93

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085820.D
Acq On : 29 Mar 2016 00:04
Operator : UM/SJ
Sample : H1942-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

Quant Time: Mar 29 03:41:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

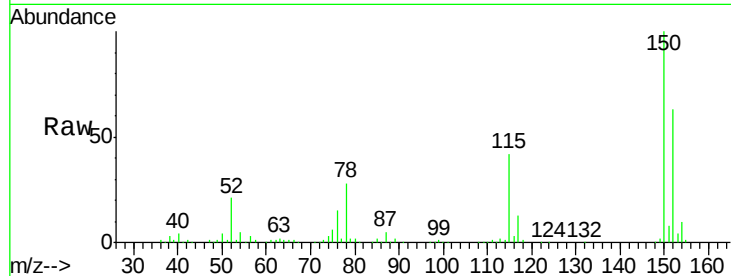
Tgt Ion:152 Resp: 109651

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.2

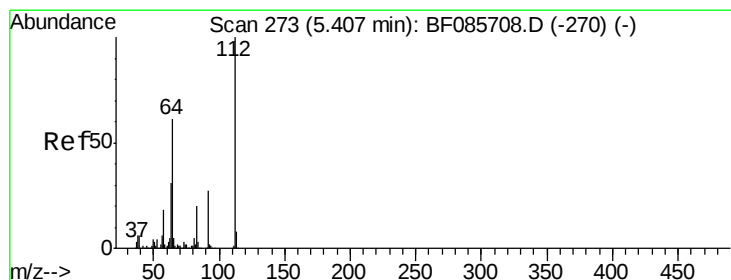
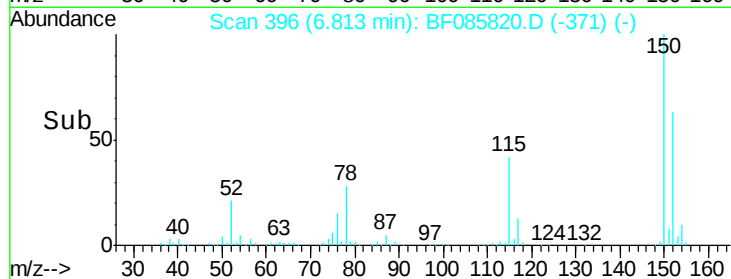
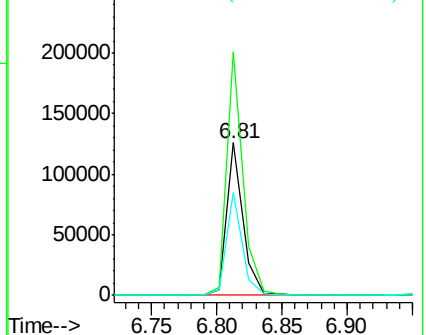
115 67.4 47.0 70.6



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: 132.07 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

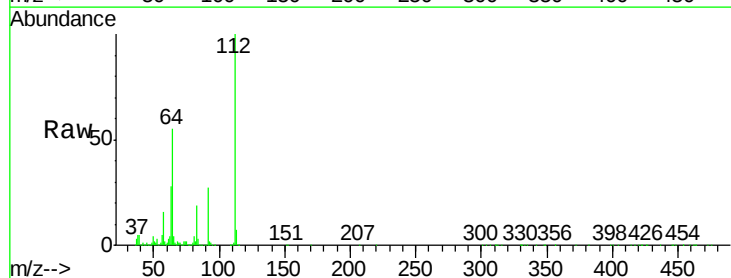
Tgt Ion:112 Resp: 869555

Ion Ratio Lower Upper

112 100

64 54.6 39.9 59.9

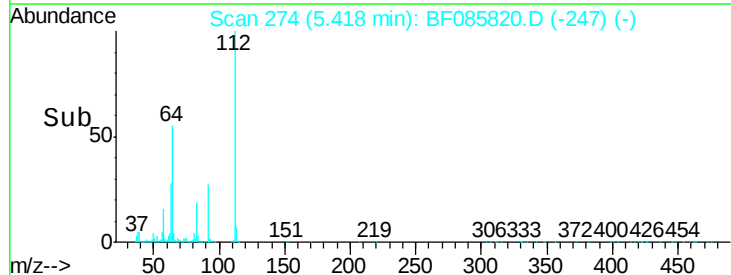
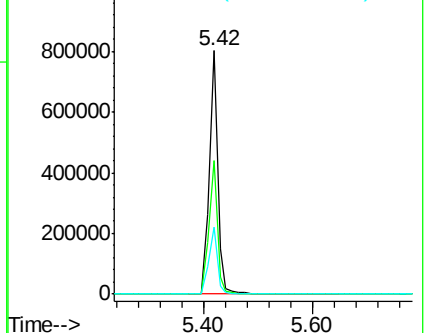
63 27.5 20.2 30.2



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: 146.26 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

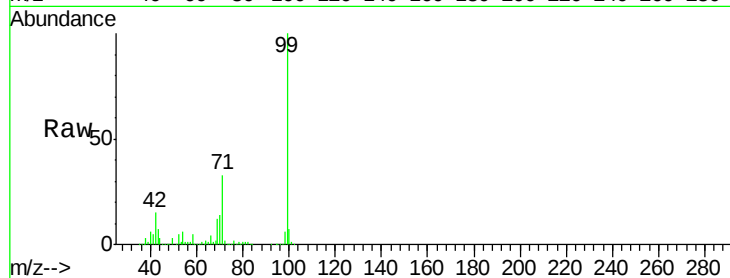
Tgt Ion: 99 Resp: 1224348

Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

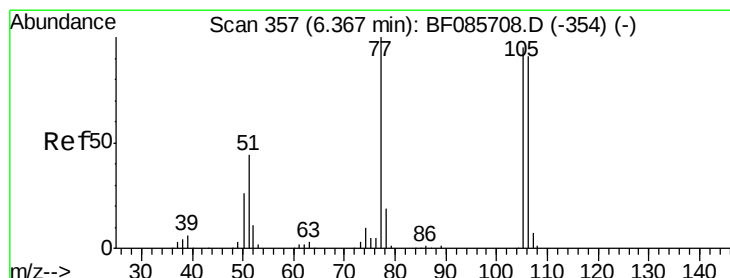
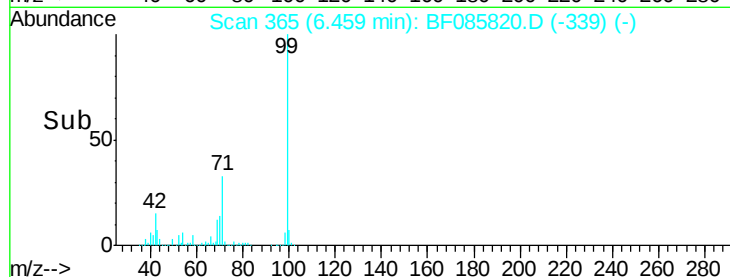
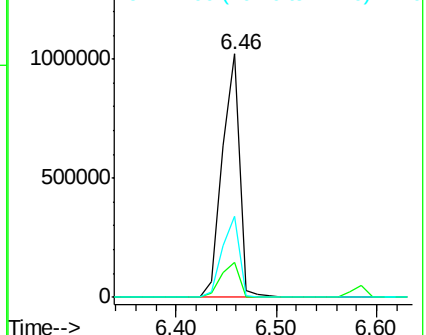
71 33.4 24.9 37.3



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: 3.92 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

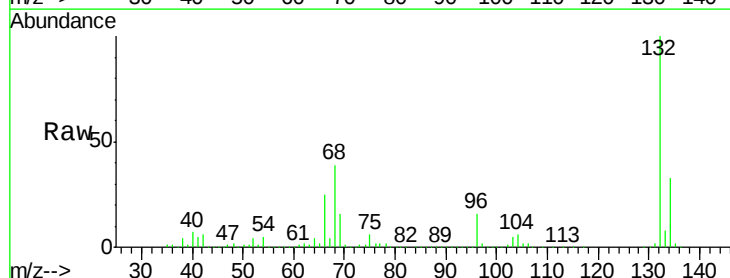
Tgt Ion: 77 Resp: 19796

Ion Ratio Lower Upper

77 100

105 83.0 80.1 120.1

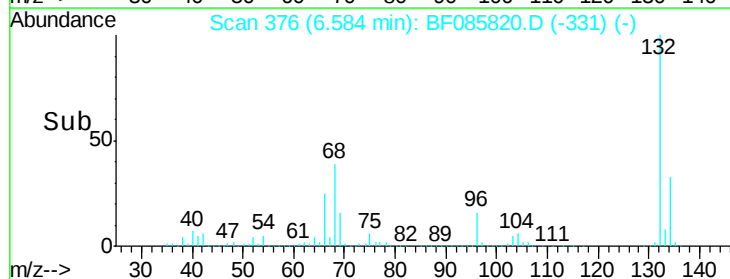
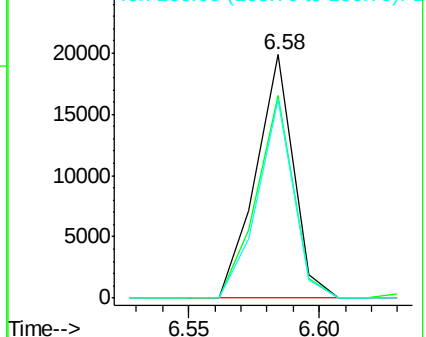
106 81.9 75.0 115.0

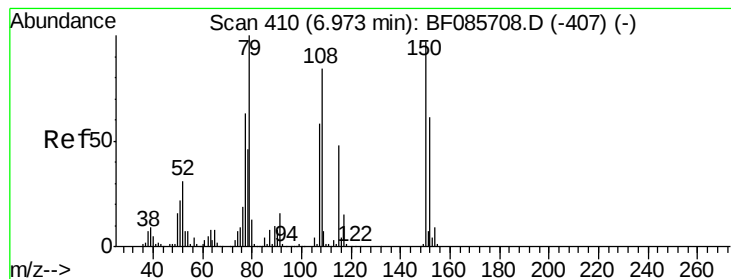


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

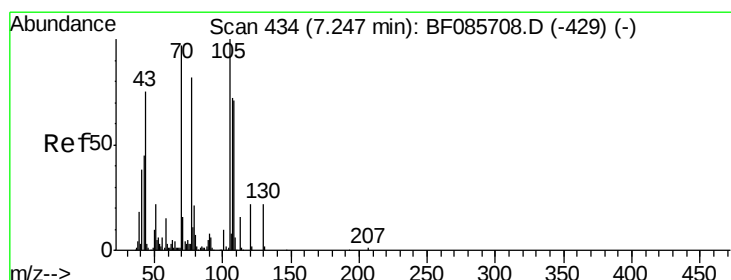
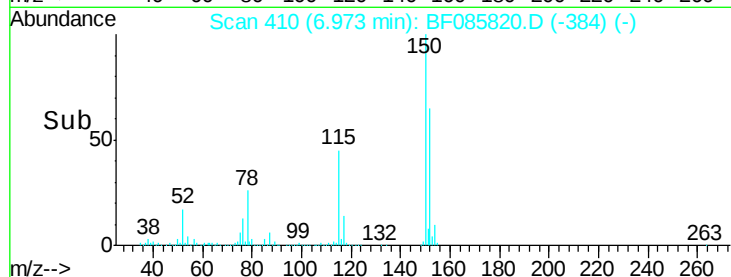
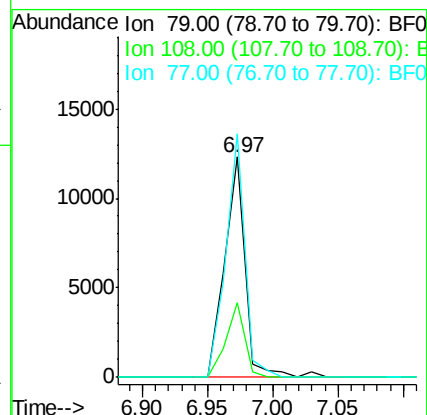
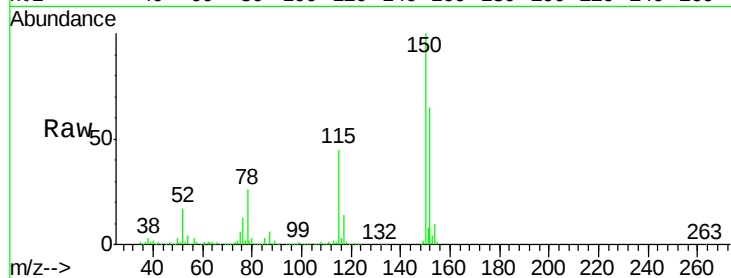
Tgt Ion: 79 Resp: 13635

Ion Ratio Lower Upper

79 100

108 33.9 61.8 92.6#

77 110.5 49.6 74.4#



#19

n-Nitroso-di-n-propylamine

Concen: 20.71 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

Tgt Ion: 70 Resp: 103820

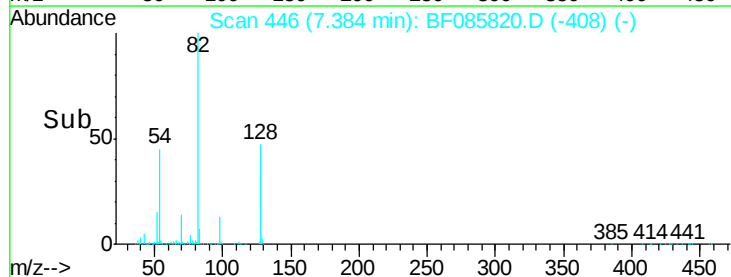
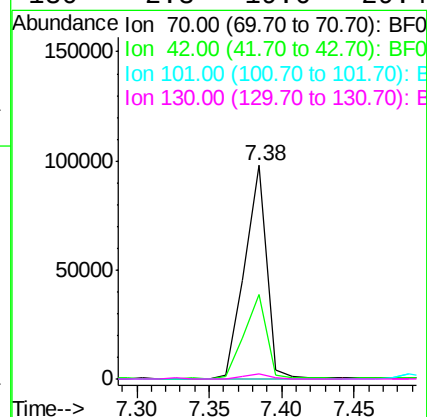
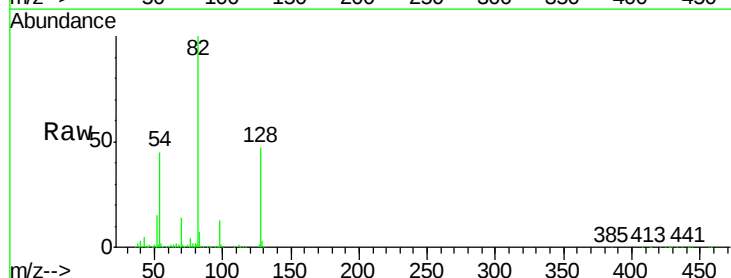
Ion Ratio Lower Upper

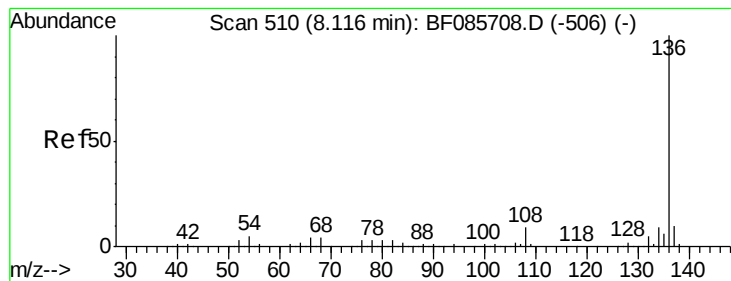
70 100

42 39.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

Tgt Ion:136 Resp: 433158

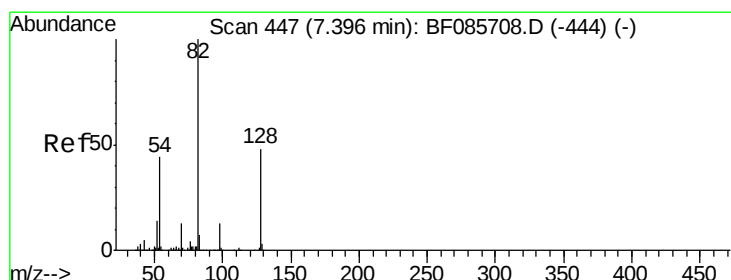
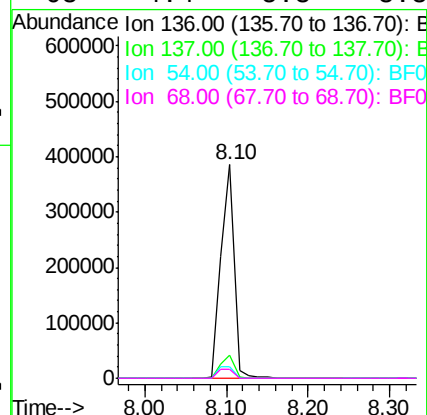
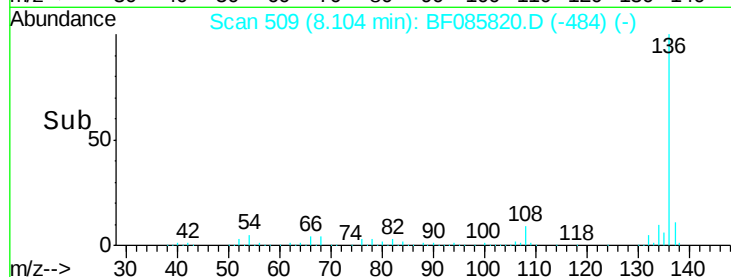
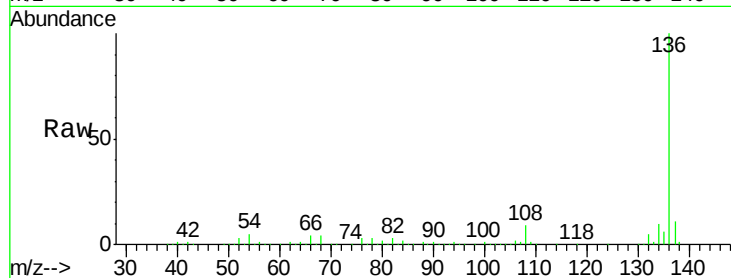
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.2 7.4 11.0#

68 4.4 5.8 8.8#



#23

Nitrobenzene-d5

Concen: 99.10 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

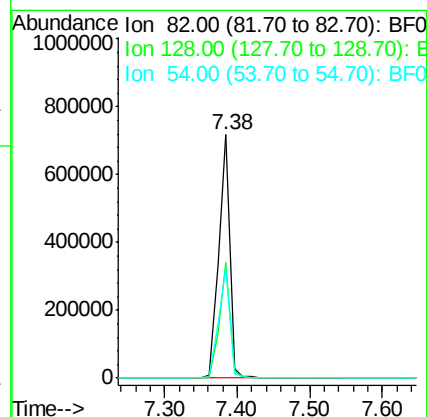
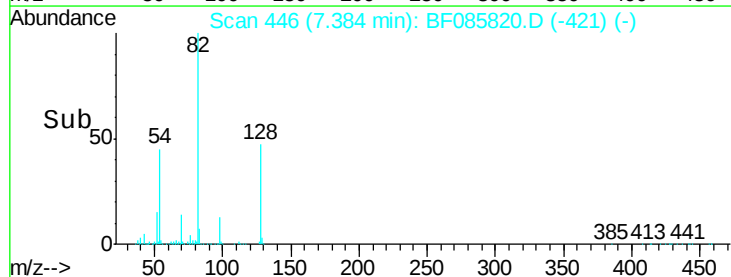
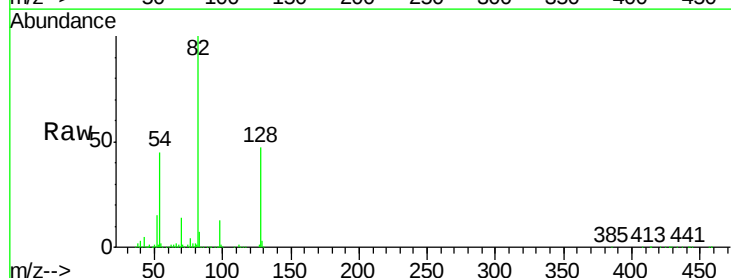
Tgt Ion: 82 Resp: 762258

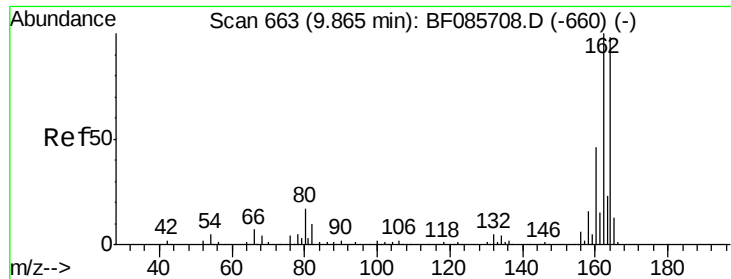
Ion Ratio Lower Upper

82 100

128 47.5 41.8 62.8

54 45.4 33.4 50.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

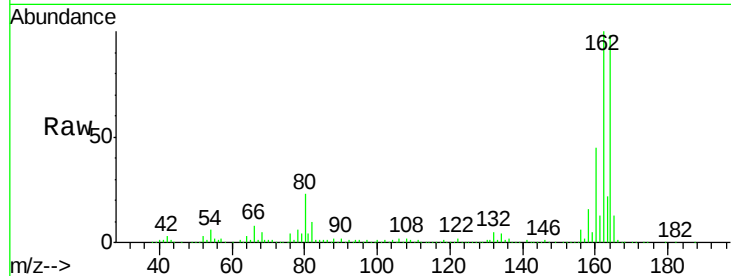
Tgt Ion:164 Resp: 193557

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

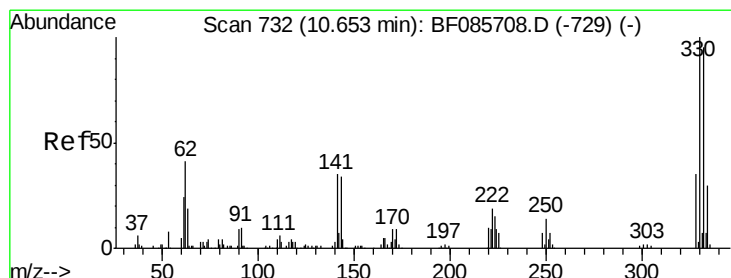
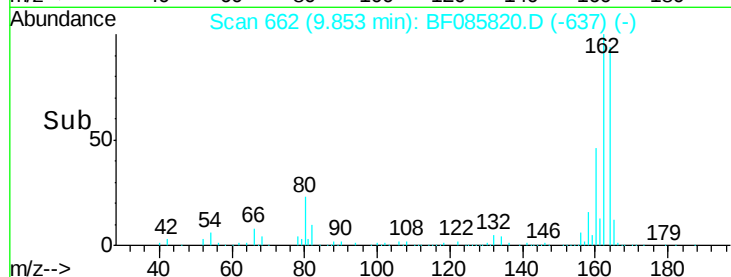
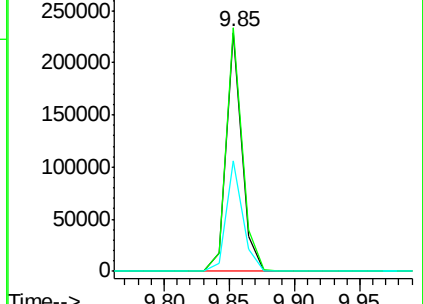
160 46.3 37.4 56.2



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: 173.80 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

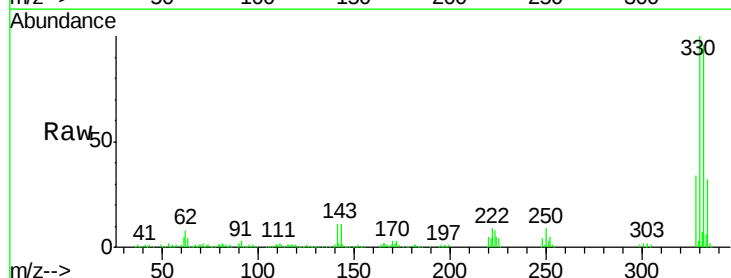
Tgt Ion:330 Resp: 319615

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

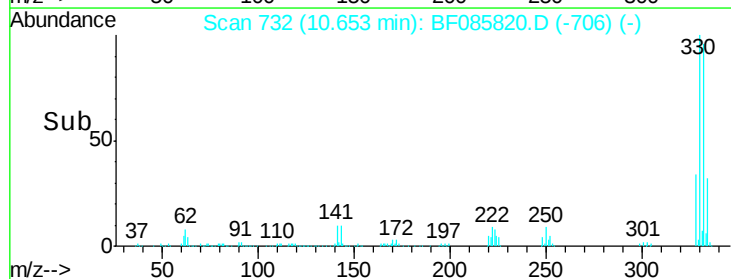
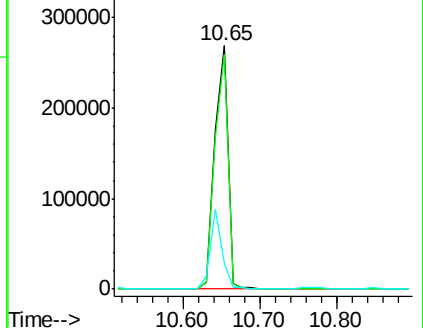
141 29.5 31.5 47.3#

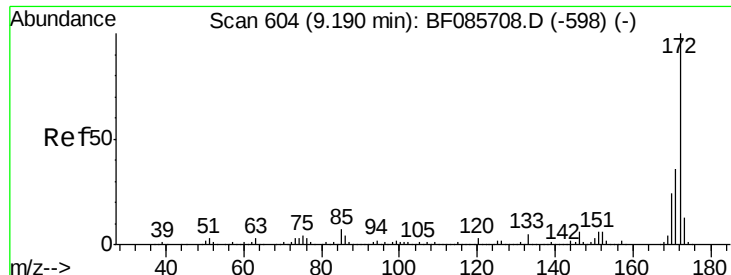


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

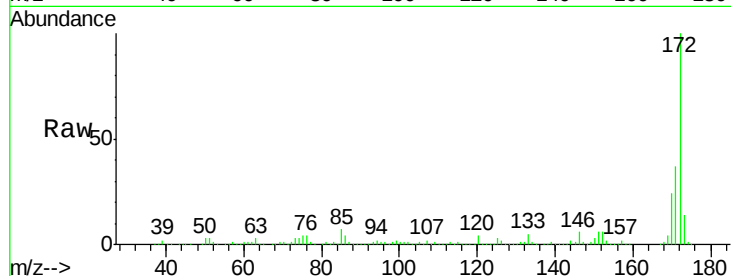




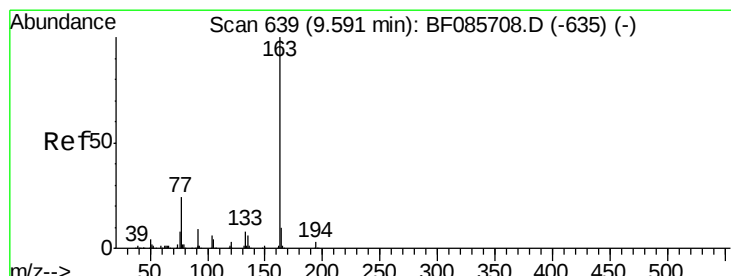
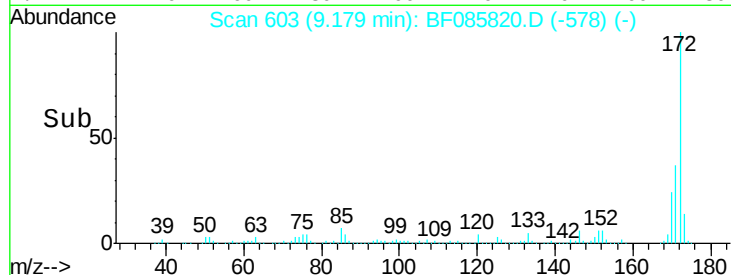
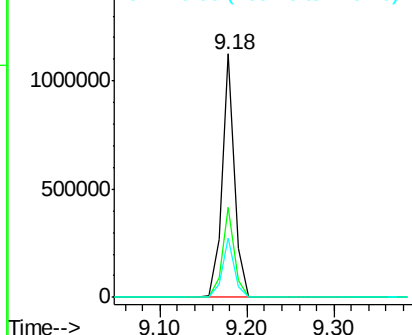
#44
 2-Fluorobiphenyl
 Concen: 97.00 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085820.D
 Acq: 29 Mar 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 B-932SCOMP

Tgt Ion:172 Resp: 1123698
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.4 19.8 29.6

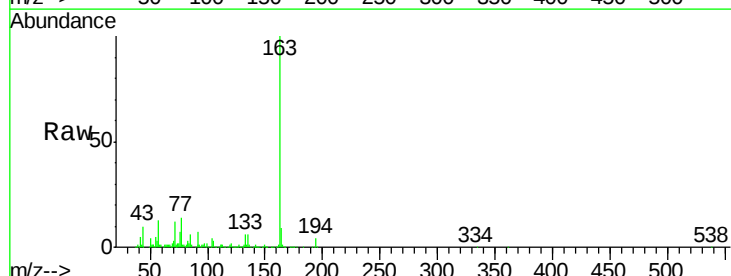


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

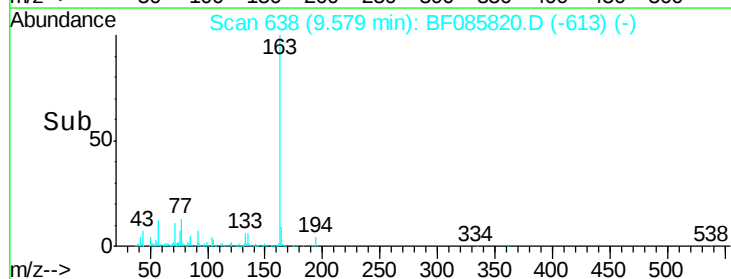
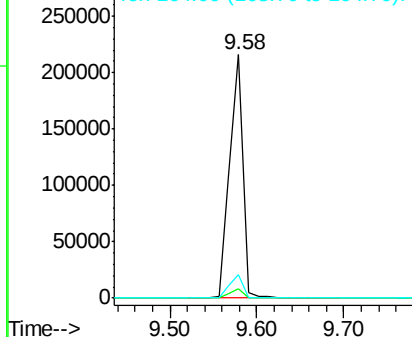


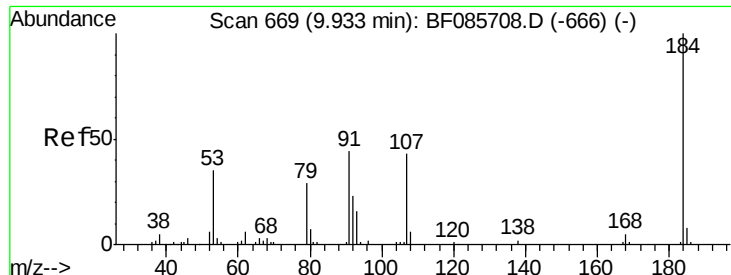
#49
 Dimethylphthalate
 Concen: 15.60 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085820.D
 Acq: 29 Mar 2016 00:04

Tgt Ion:163 Resp: 229151
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 9.4 8.3 12.5



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

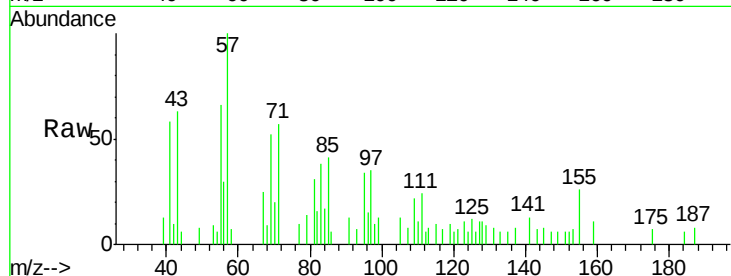




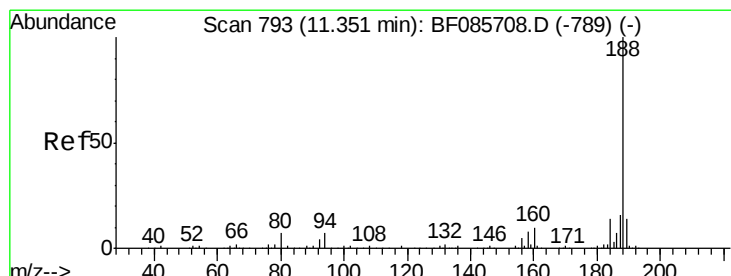
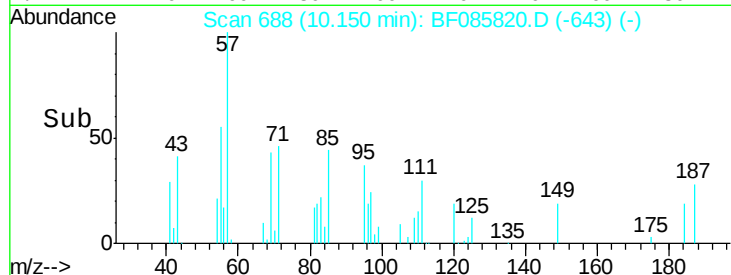
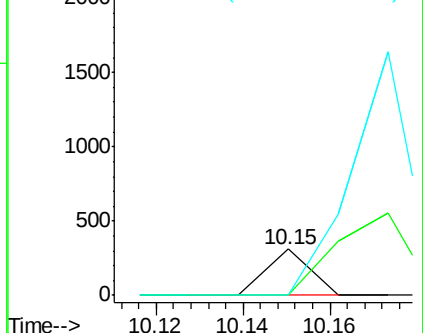
#53
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 10.15 min Scan# 688
Delta R.T. 0.22 min
Lab File: BF085820.D
Acq: 29 Mar 2016 00:04

Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

Tgt Ion:184 Resp: 213
Ion Ratio Lower Upper
184 100
63 0.0 69.5 104.3#
154 0.0 58.3 87.5#

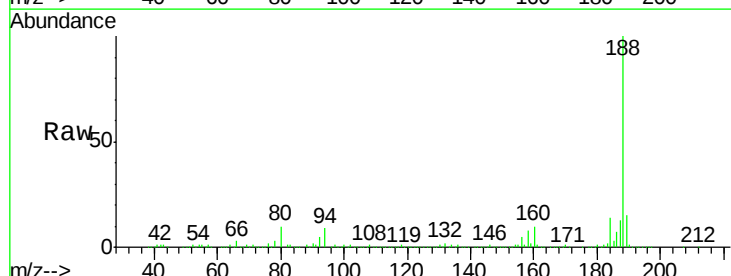


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

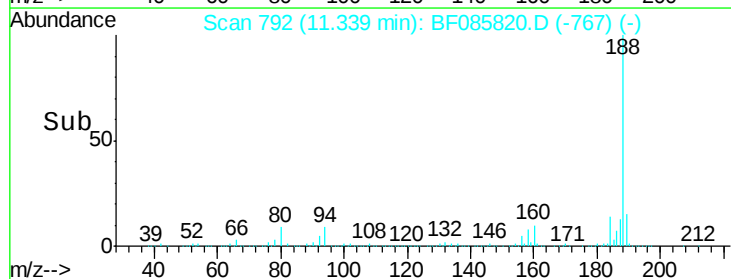
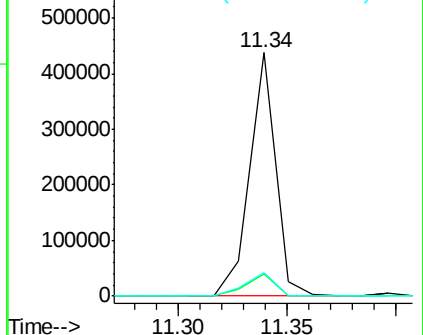


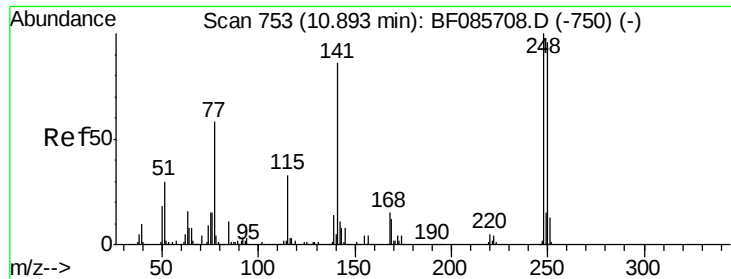
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085820.D
Acq: 29 Mar 2016 00:04

Tgt Ion:188 Resp: 363611
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 9.5 5.5 8.3#



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: 5.16 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.25 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

Instrument :

BNA_F

ClientSampleId :

B-932SCOMP

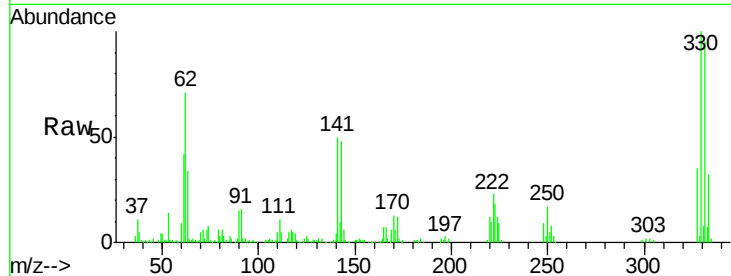
Tgt Ion:248 Resp: 19186

Ion Ratio Lower Upper

248 100

250 196.4 77.4 116.0#

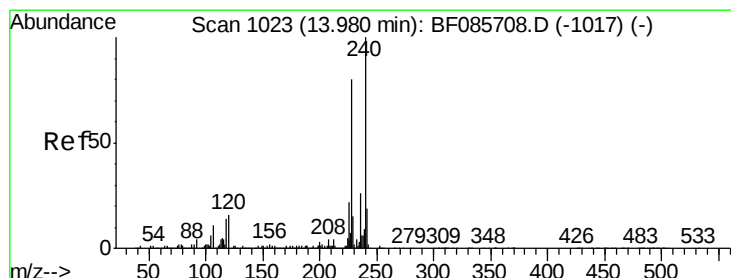
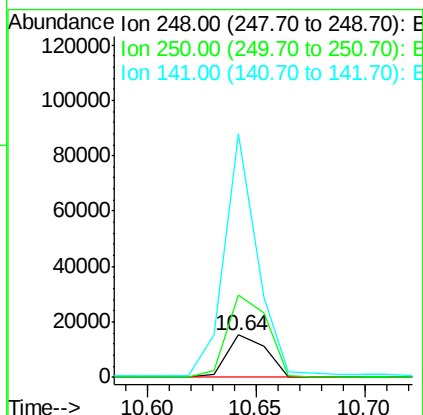
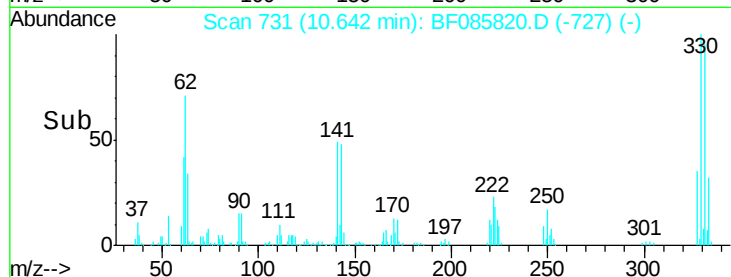
141 576.5 63.6 95.4#



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085820.D

Acq: 29 Mar 2016 00:04

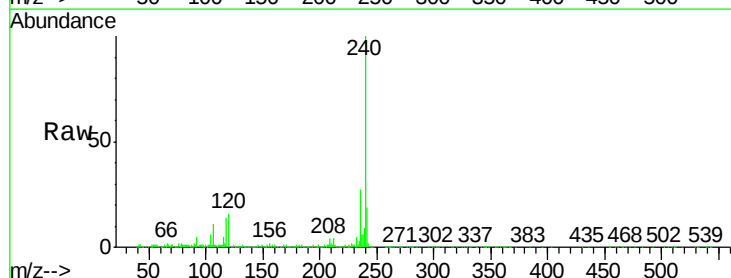
Tgt Ion:240 Resp: 215554

Ion Ratio Lower Upper

240 100

120 16.1 13.8 20.8

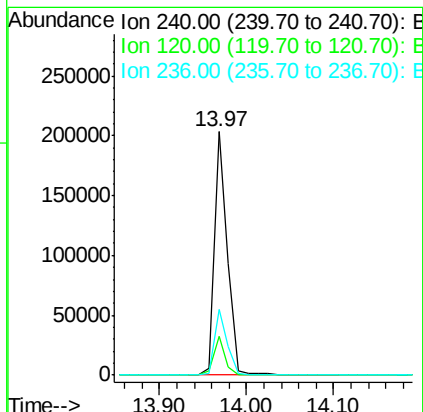
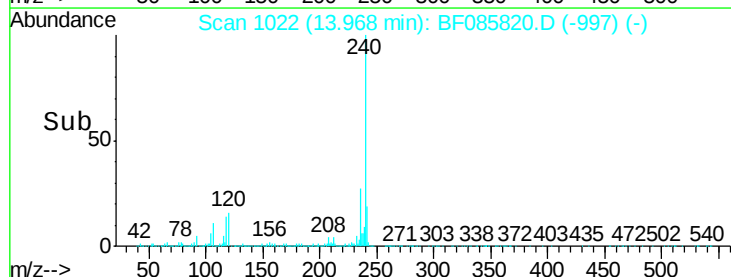
236 26.7 20.6 30.8

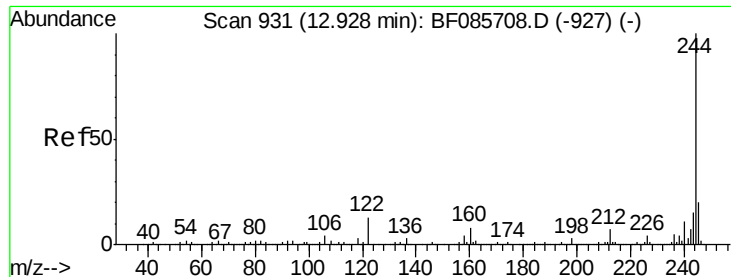


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

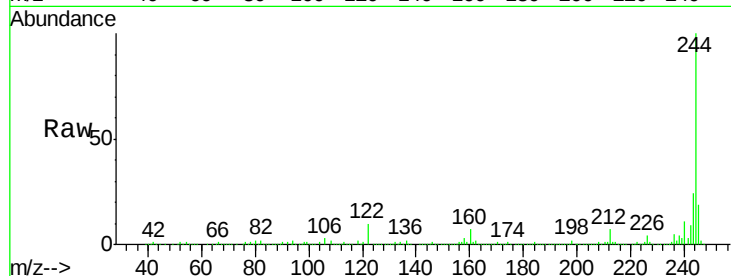




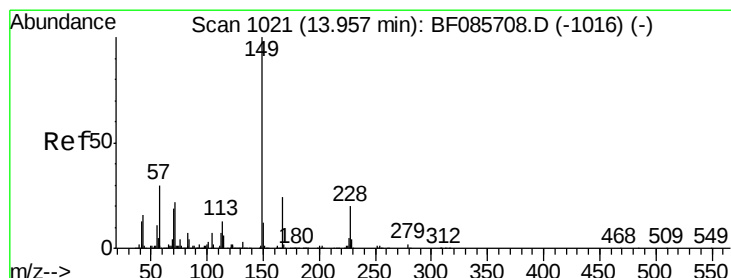
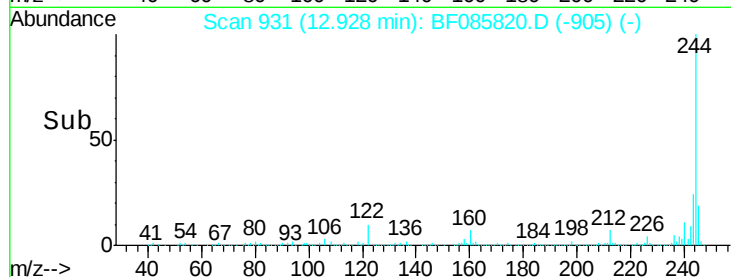
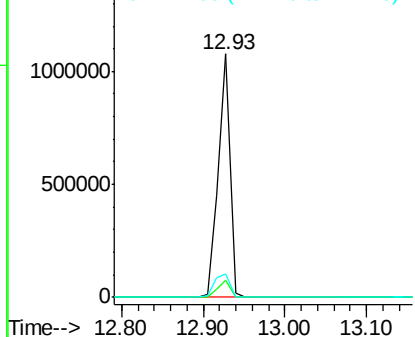
#78
 Terphenyl-d14
 Concen: 102.83 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085820.D
 Acq: 29 Mar 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 B-932SCOMP

Tgt Ion:244 Resp: 1077730
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.5 10.2 15.4#

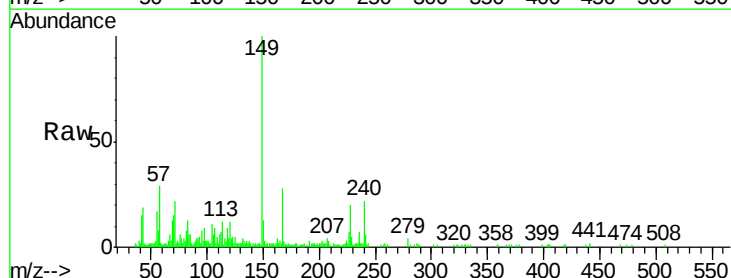


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

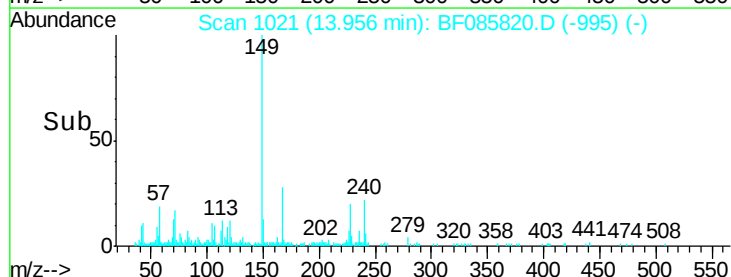
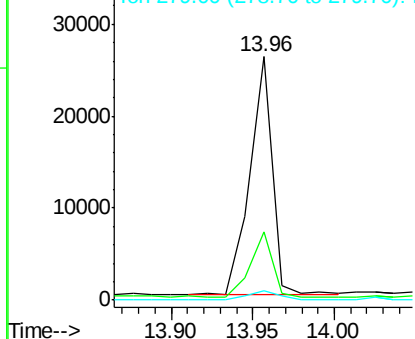


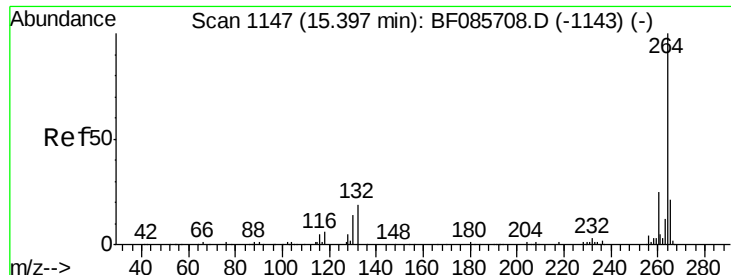
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.82 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085820.D
 Acq: 29 Mar 2016 00:04

Tgt Ion:149 Resp: 25087
 Ion Ratio Lower Upper
 149 100
 167 27.9 19.4 29.2
 279 3.9 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



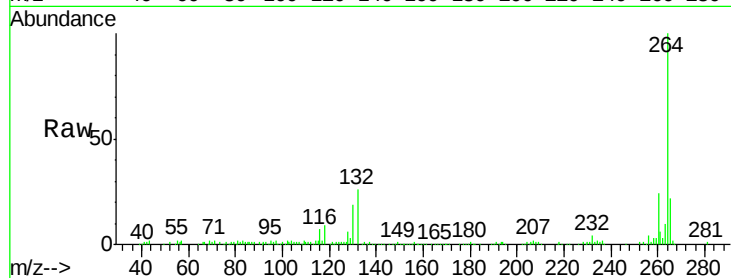


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085820.D
Acq: 29 Mar 2016 00:04

Instrument :
BNA_F
ClientSampleId :
B-932SCOMP

Tgt Ion: 264 Resp: 190921

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.0	17.2	25.8



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

