

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085943.D
 Acq On : 31 Mar 2016 22:43
 Operator : UM/SJ
 Sample : H1976-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Mar 31 23:32:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

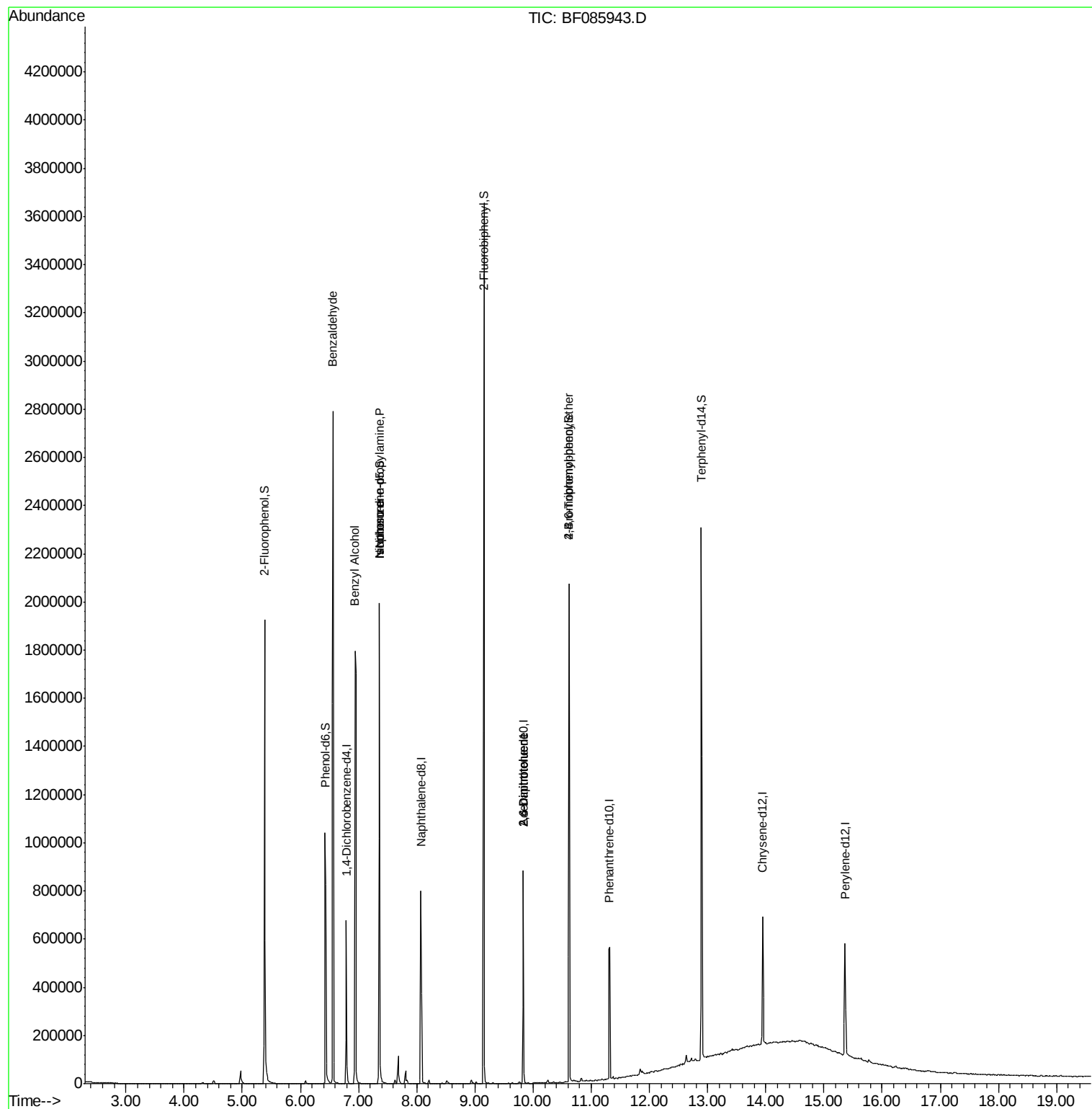
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110759	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	419309	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	184721	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	303559	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	192124	20.00	ng	-0.02
86) Perylene-d12	15.36	264	199579	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	619364	93.13	ng	-0.01
7) Phenol-d6	6.42	99	561438	66.40	ng	-0.02
23) Nitrobenzene-d5	7.36	82	784926	105.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	247826	141.21	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1206843	109.16	ng	-0.01
78) Terphenyl-d14	12.89	244	861036	92.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	21001	4.12	ng	Qvalue 86
15) Benzyl Alcohol	6.94	79	11425	2.03	ng	# 48
19) n-Nitroso-di-n-propylamine	7.36	70	103912	20.52	ng	# 75
25) Isophorone	7.36	82	778431	54.27	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	22885	7.59	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	22885	5.97	ng	# 36
66) 4-Bromophenyl-phenylether	10.62	248	17425	5.61	ng	# 1

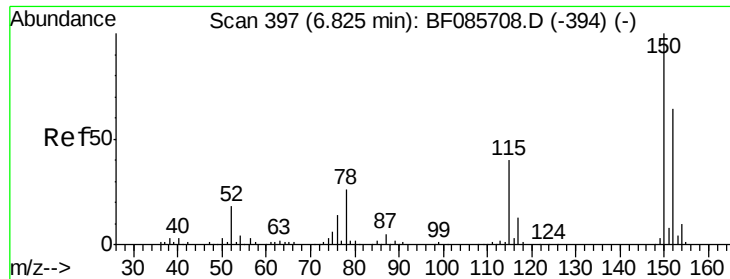
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

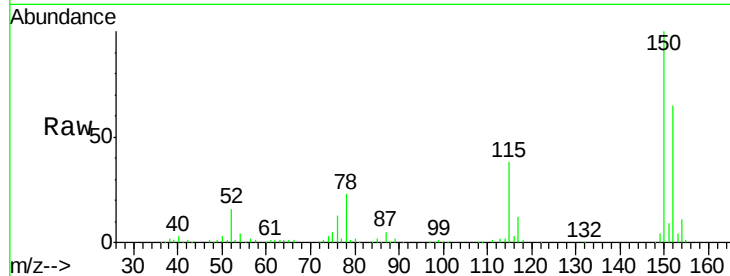
Tgt Ion:152 Resp: 110759

Ion Ratio Lower Upper

152 100

150 154.5 124.2 186.2

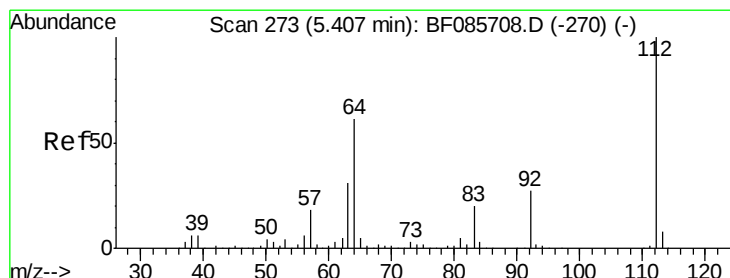
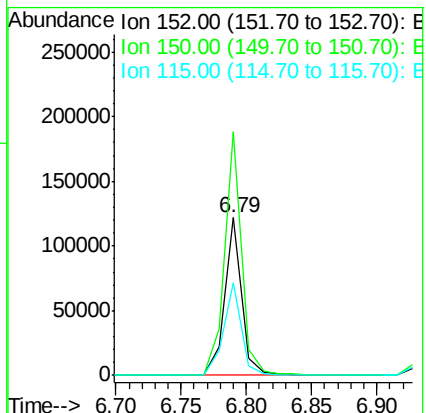
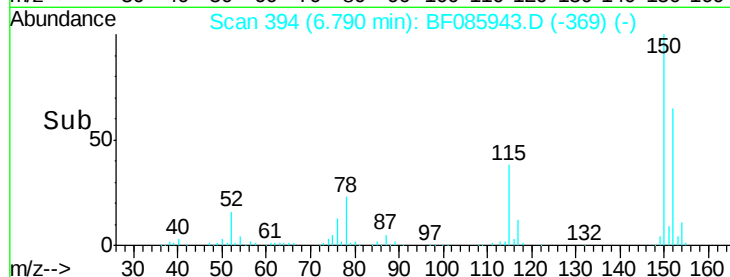
115 59.1 47.0 70.6



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: 93.13 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

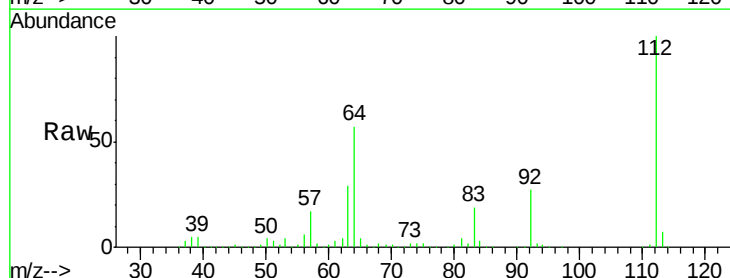
Tgt Ion:112 Resp: 619364

Ion Ratio Lower Upper

112 100

64 57.2 39.9 59.9

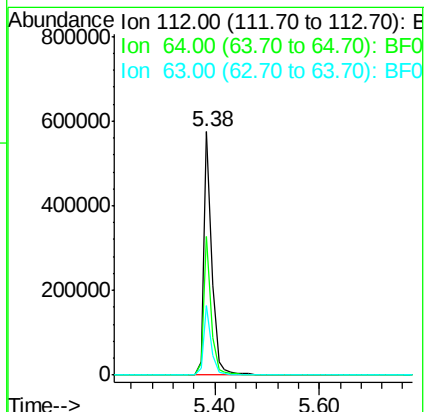
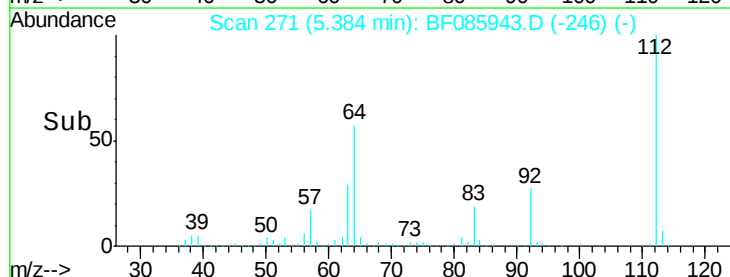
63 28.6 20.2 30.2

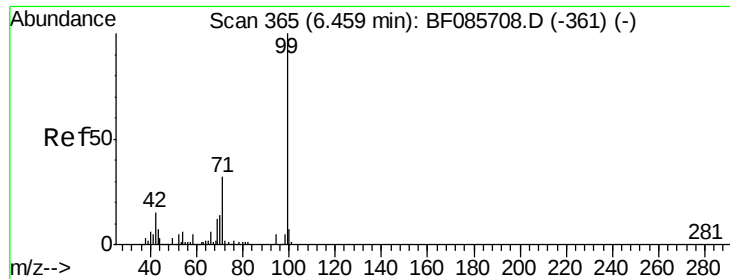


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.40 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

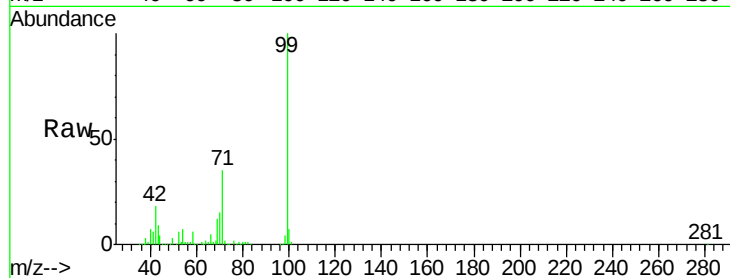
Tgt Ion: 99 Resp: 561438

Ion Ratio Lower Upper

99 100

42 17.8 11.1 16.7#

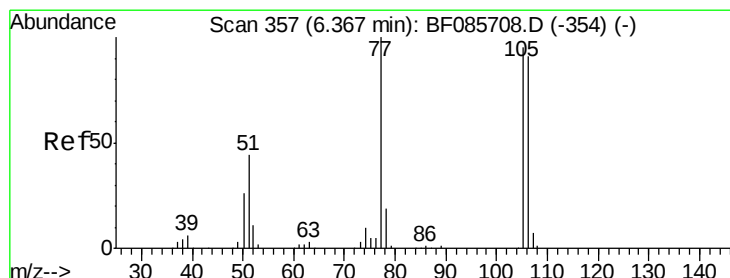
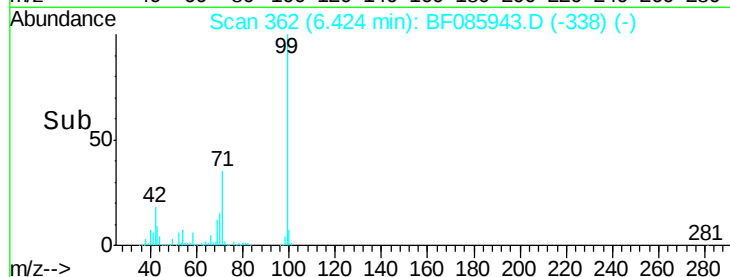
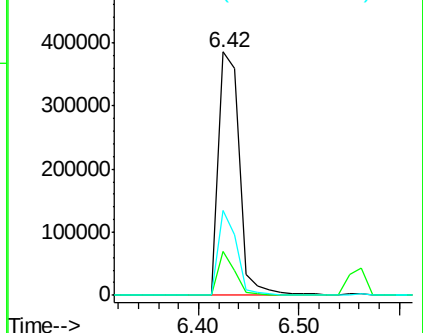
71 34.6 24.9 37.3



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: 4.12 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

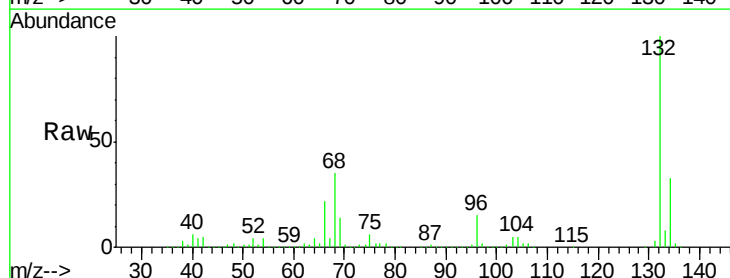
Tgt Ion: 77 Resp: 21001

Ion Ratio Lower Upper

77 100

105 86.4 80.1 120.1

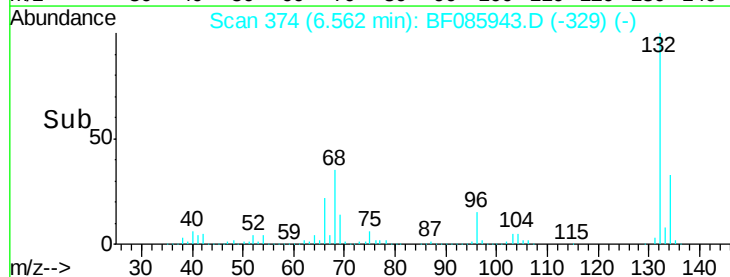
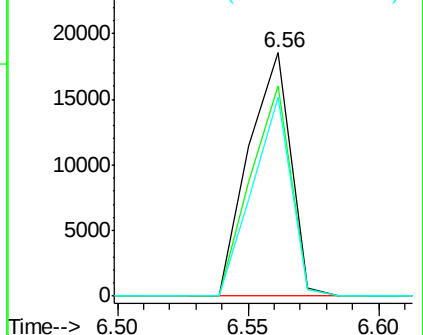
106 81.9 75.0 115.0

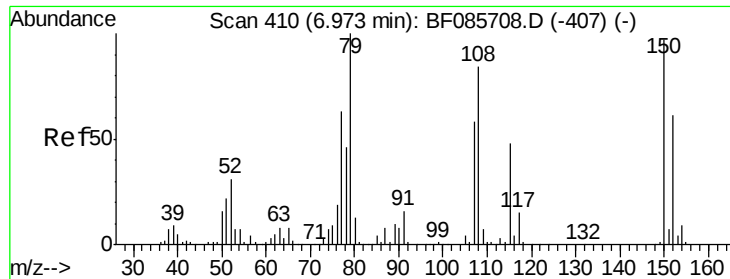


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

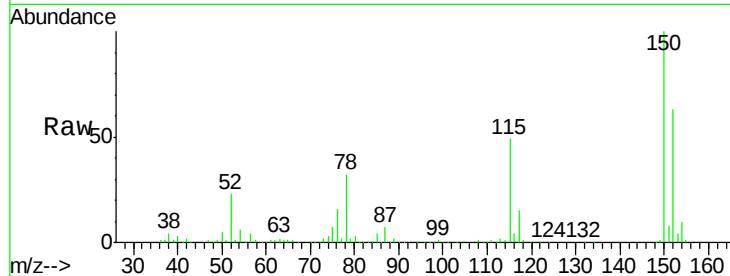
Tgt Ion: 79 Resp: 11425

Ion Ratio Lower Upper

79 100

108 29.7 61.8 92.6#

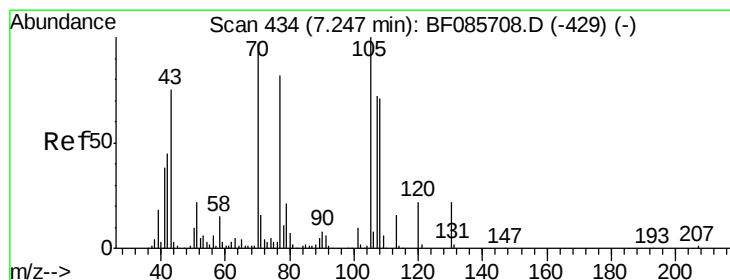
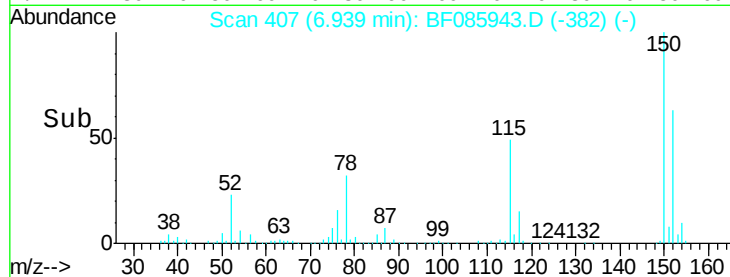
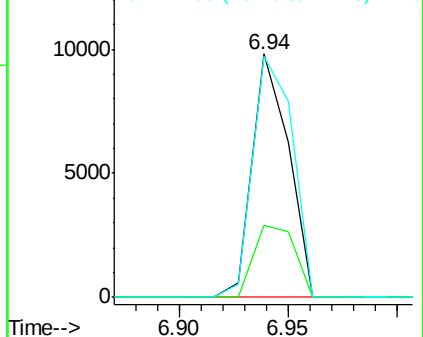
77 99.0 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 20.52 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

Tgt Ion: 70 Resp: 103912

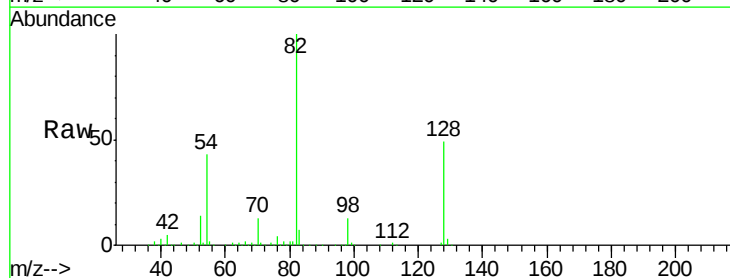
Ion Ratio Lower Upper

70 100

42 37.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

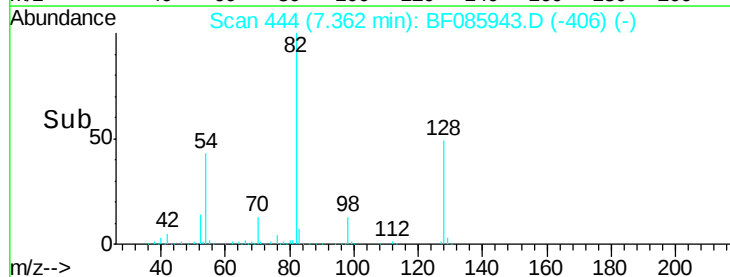
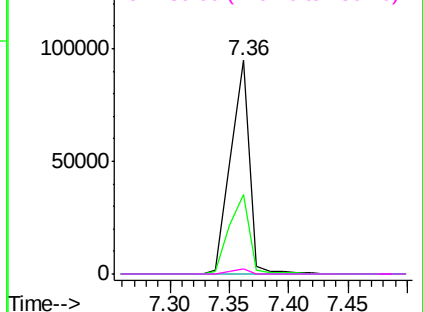


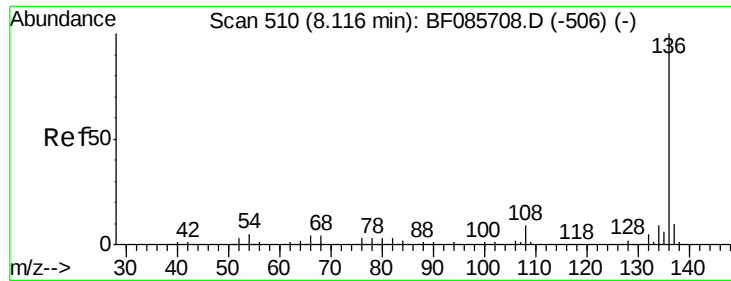
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

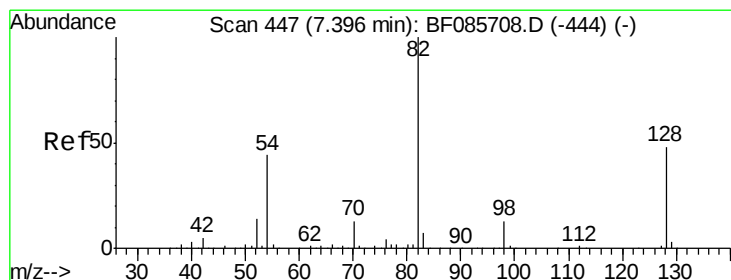
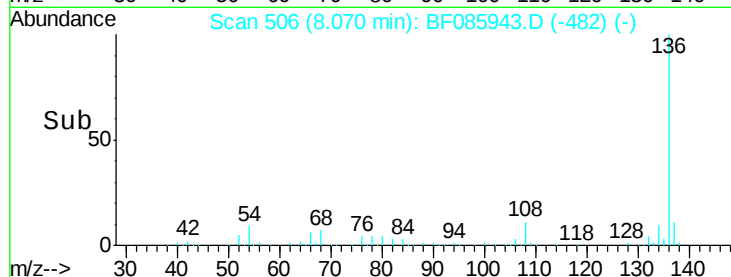
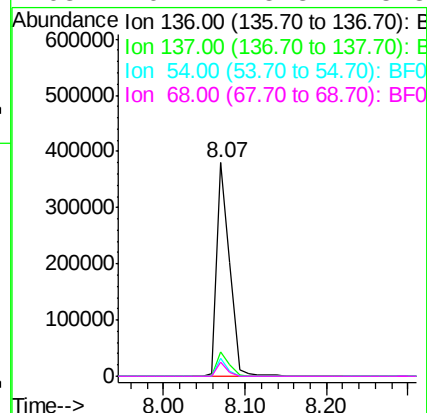
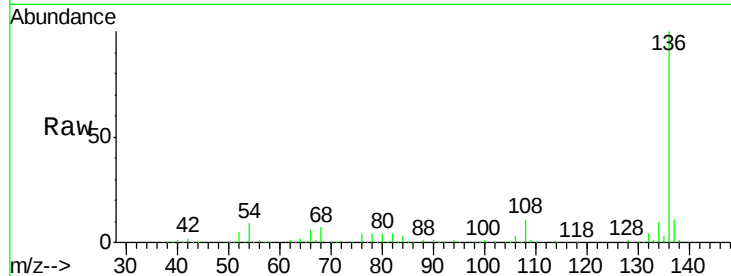




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085943.D
Acq: 31 Mar 2016 22:43

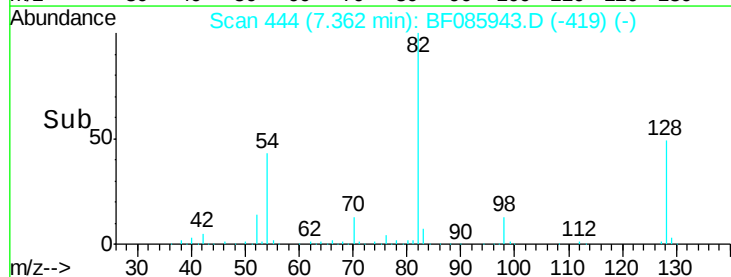
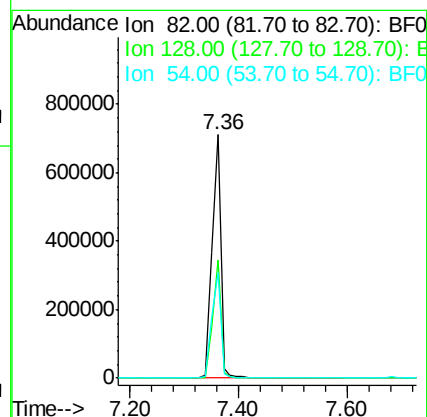
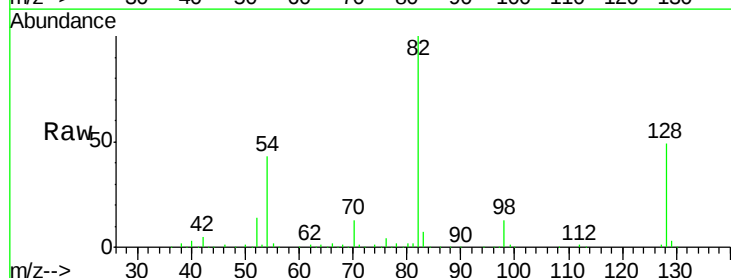
Instrument :
BNA_F
ClientSampled :
DUP-01

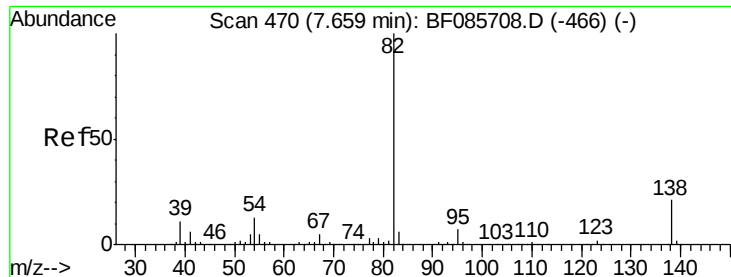
Tgt Ion:	136	Resp:	419309
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.5	7.4	11.0
68	6.7	5.8	8.8



#23
Nitrobenzene-d5
Concen: 105.42 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085943.D
Acq: 31 Mar 2016 22:43

Tgt Ion:	82	Resp:	784926
Ion	Ratio	Lower	Upper
82	100		
128	48.6	41.8	62.8
54	43.2	33.4	50.0





#25

Isophorone

Concen: 54.27 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

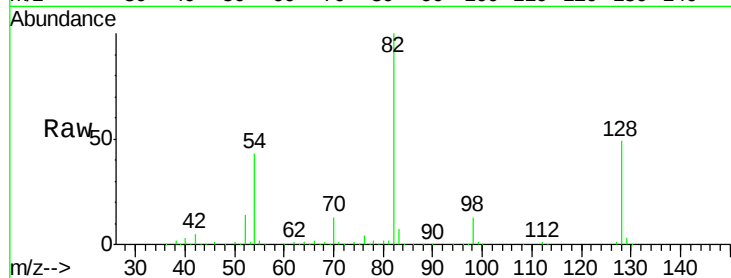
Tgt Ion: 82 Resp: 778431

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

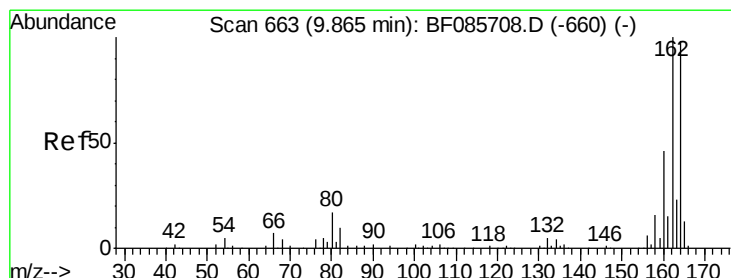
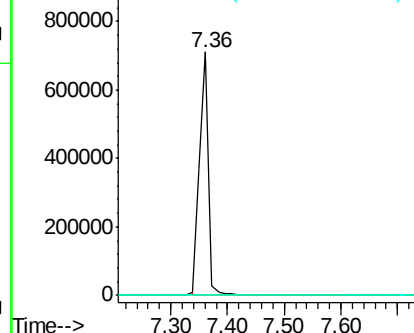
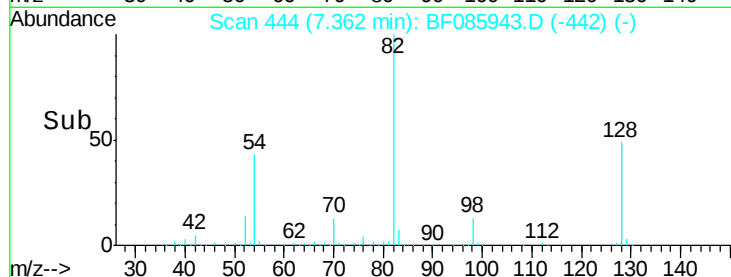
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

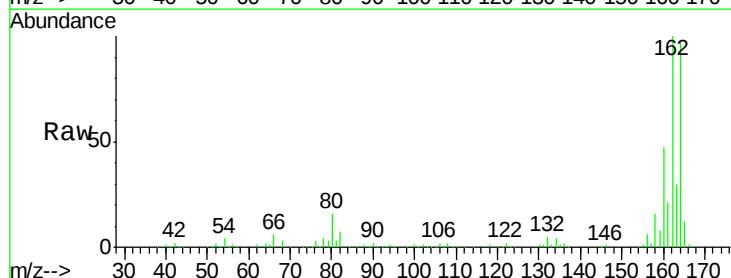
Tgt Ion: 164 Resp: 184721

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

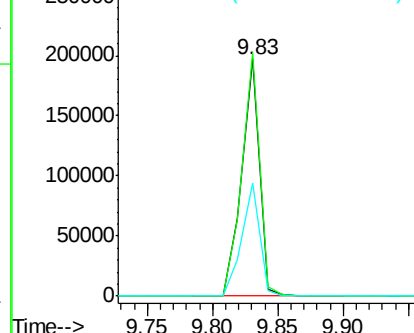
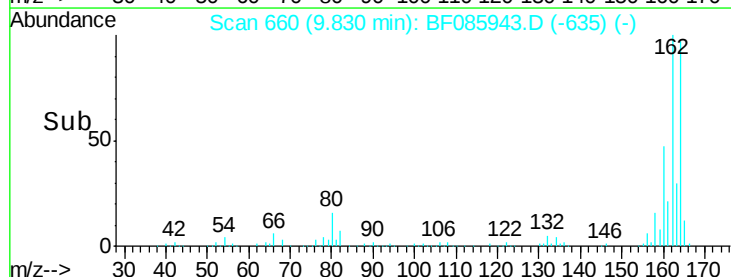
160 48.0 37.4 56.2

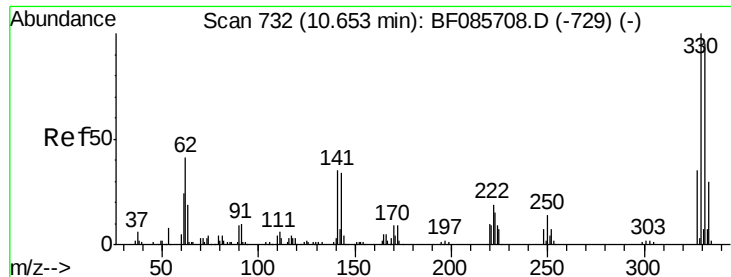


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

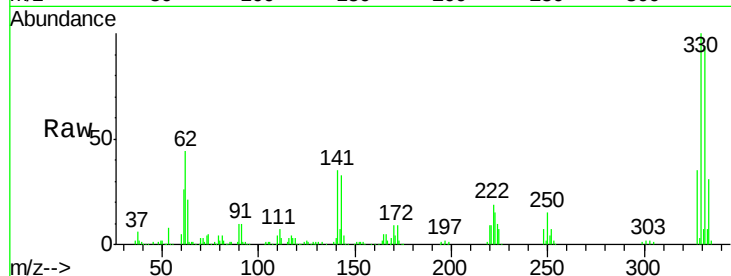




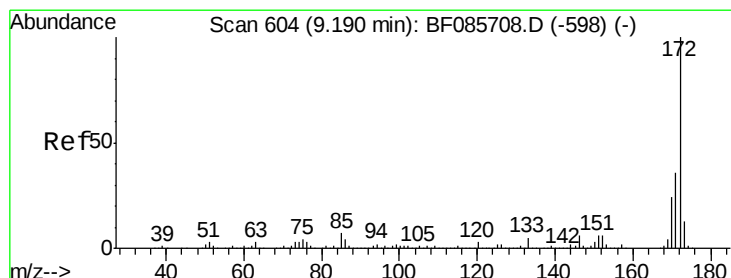
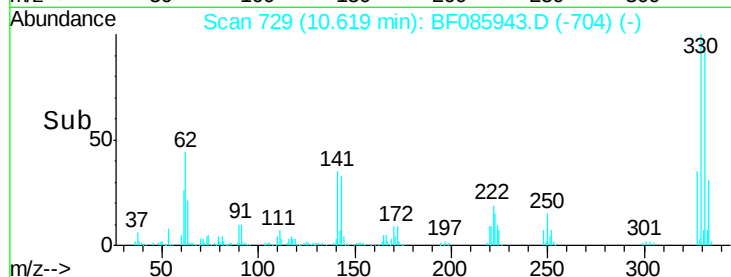
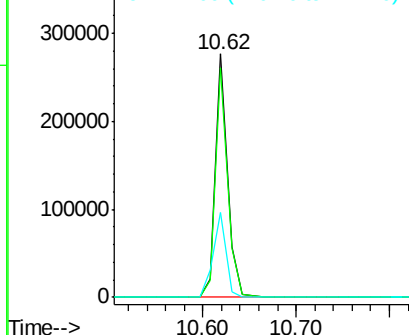
#41
 2,4,6-Tribromophenol
 Concen: 141.21 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085943.D
 Acq: 31 Mar 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tgt Ion:330 Resp: 247826
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.2 117.2
 141 38.1 31.5 47.3

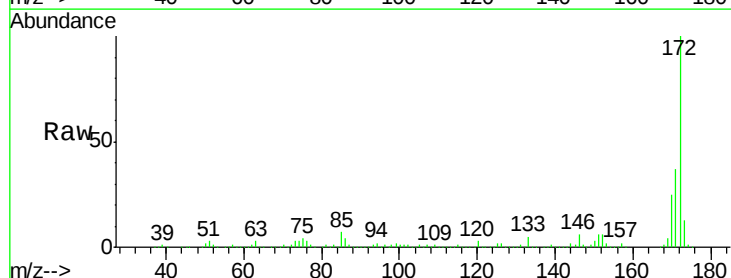


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

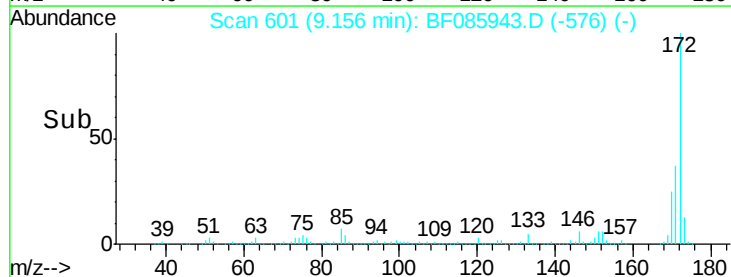
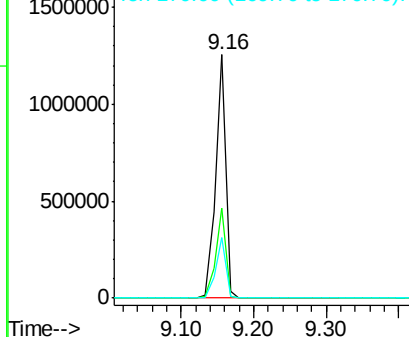


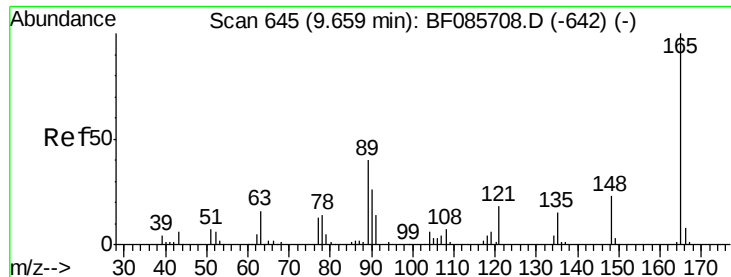
#44
 2-Fluorobiphenyl
 Concen: 109.16 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085943.D
 Acq: 31 Mar 2016 22:43

Tgt Ion:172 Resp: 1206843
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 25.0 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

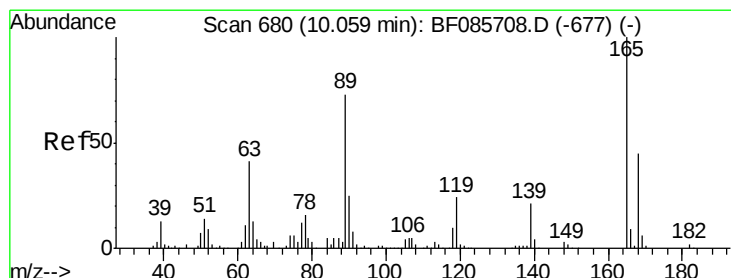
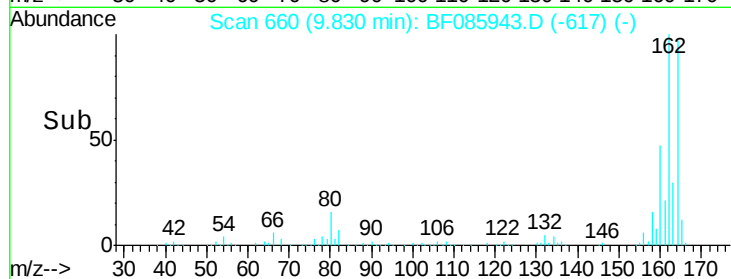
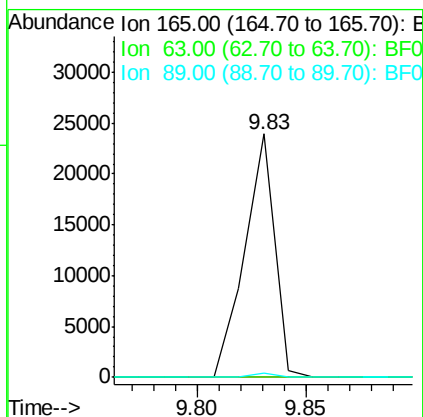
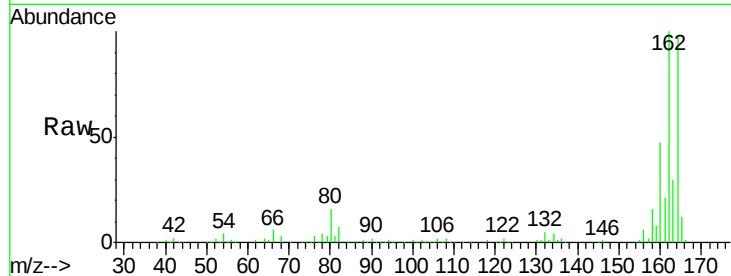




#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.83 min Scan# 660
 Delta R.T. 0.19 min
 Lab File: BF085943.D
 Acq: 31 Mar 2016 22:43

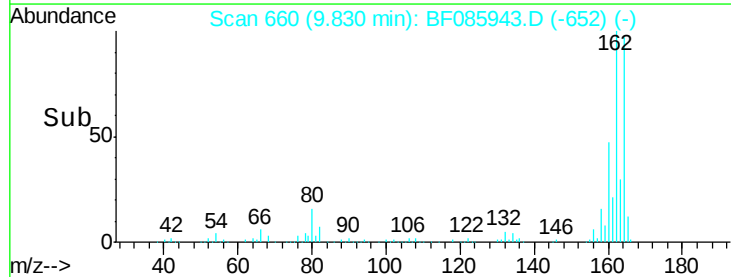
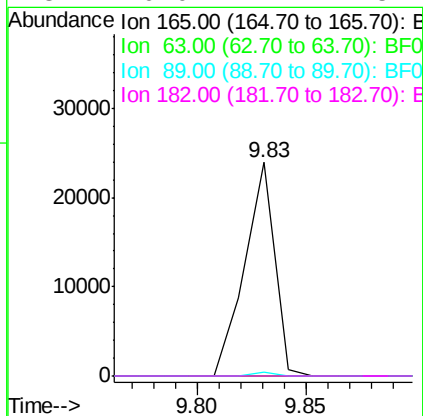
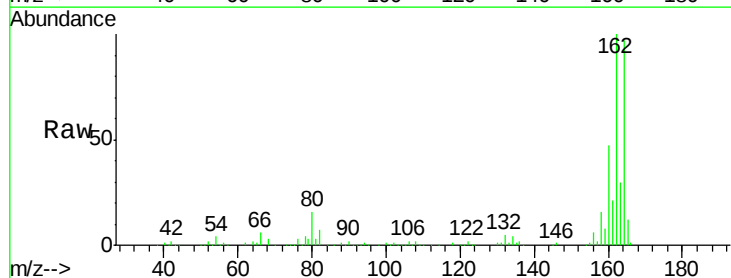
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

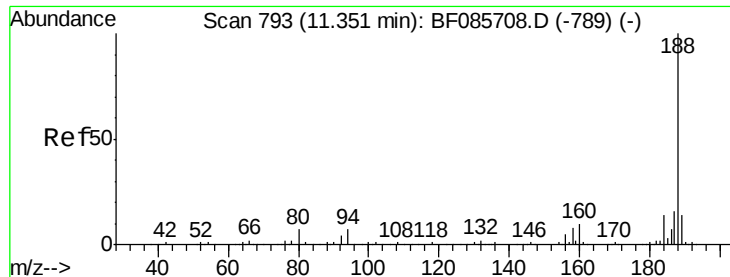
Tgt Ion:165 Resp: 22885
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.8#
 89 1.8 53.7 80.5#



#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085943.D
 Acq: 31 Mar 2016 22:43

Tgt Ion:165 Resp: 22885
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.9 37.3#
 89 1.8 41.0 61.6#
 182 0.0 2.1 3.1#

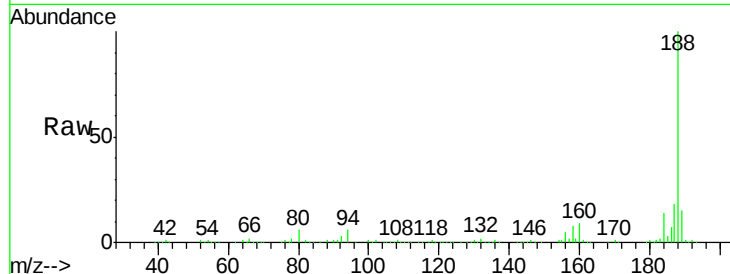




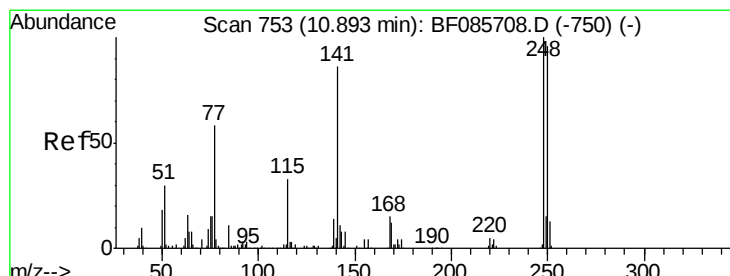
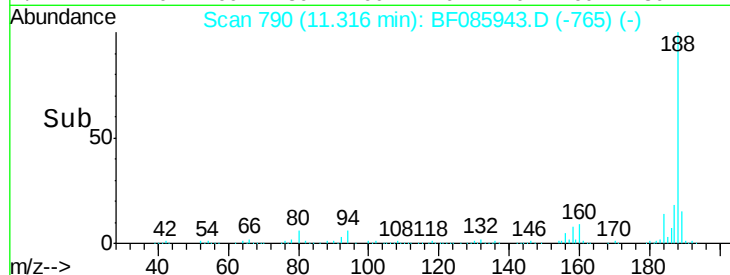
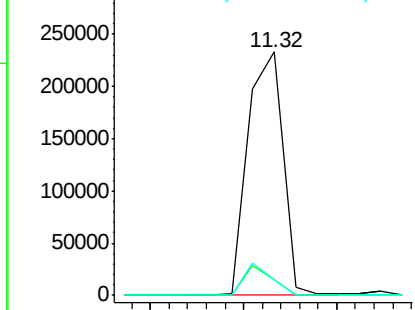
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085943.D
Acq: 31 Mar 2016 22:43

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:188 Resp: 303559
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 6.3 5.5 8.3

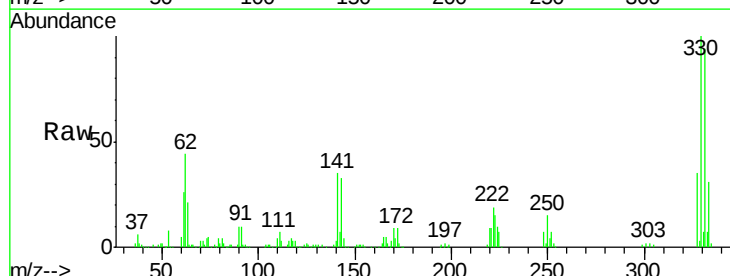


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

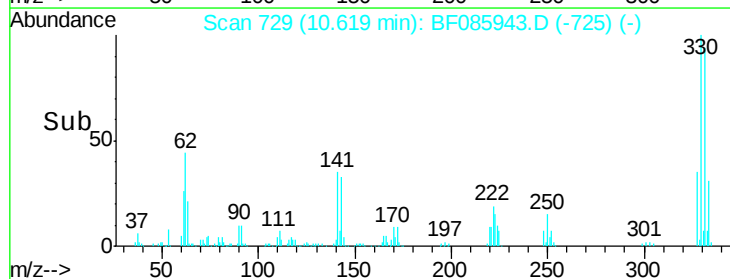
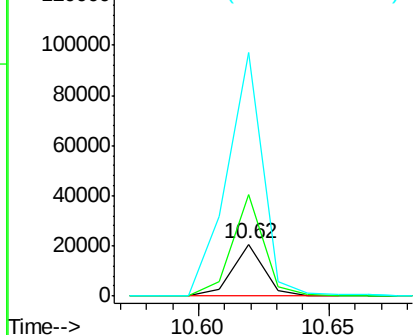


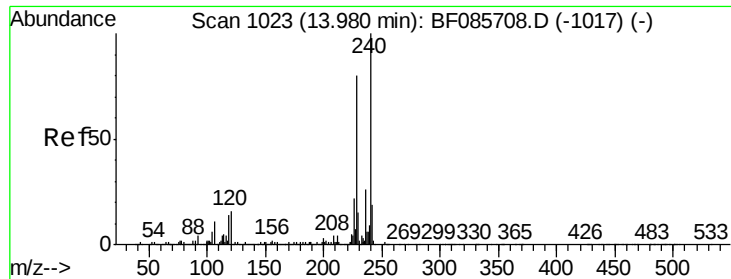
#66
4-Bromophenyl-phenylether
Concen: 5.61 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085943.D
Acq: 31 Mar 2016 22:43

Tgt Ion:248 Resp: 17425
Ion Ratio Lower Upper
248 100
250 196.3 77.4 116.0#
141 471.3 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: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

Instrument :

BNA_F

ClientSampled :

DUP-01

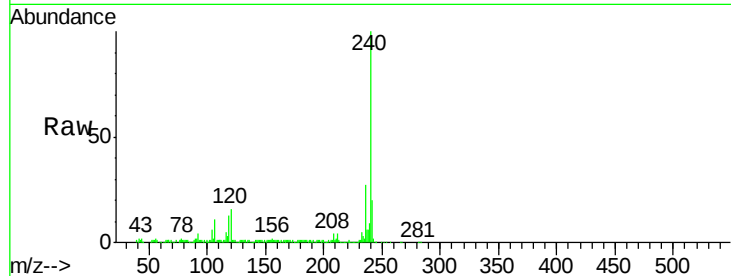
Tgt Ion:240 Resp: 192124

Ion Ratio Lower Upper

240 100

120 16.4 13.8 20.8

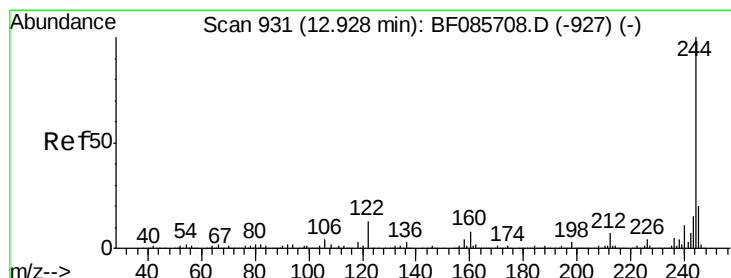
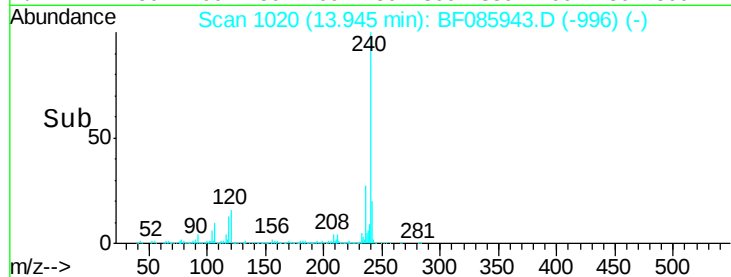
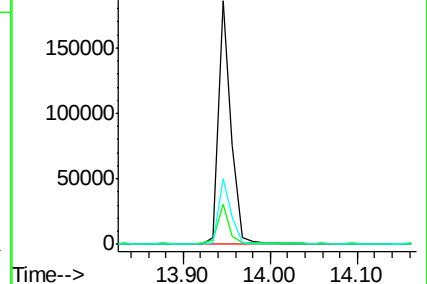
236 26.8 20.6 30.8



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: 92.17 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085943.D

Acq: 31 Mar 2016 22:43

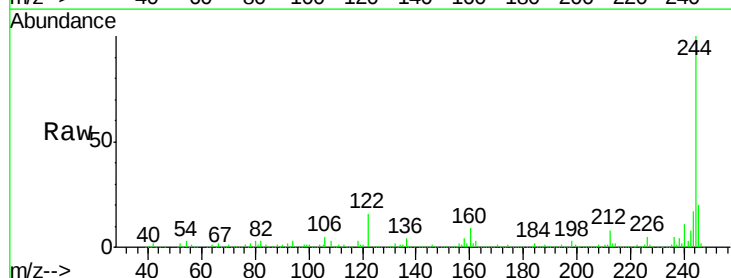
Tgt Ion:244 Resp: 861036

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

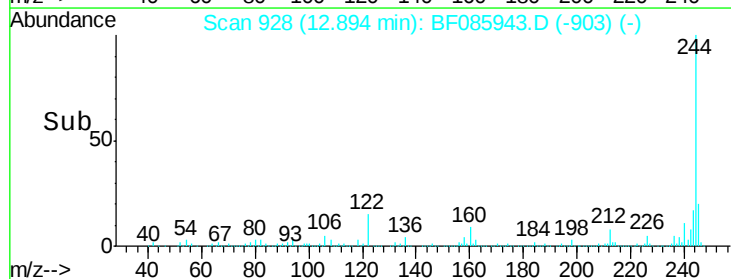
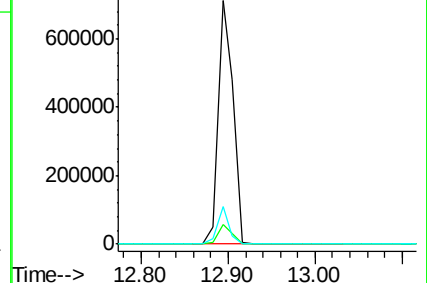
122 15.5 10.2 15.4#

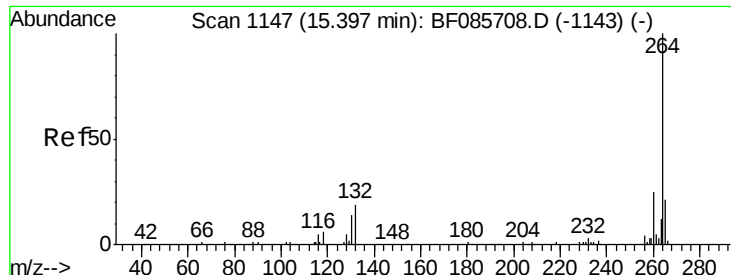


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

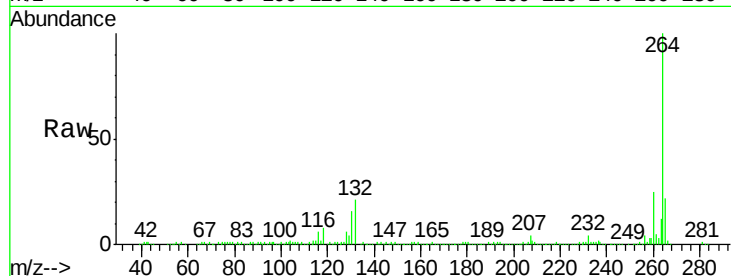




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085943.D
Acq: 31 Mar 2016 22:43

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion: 264 Resp: 199579
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 21.9 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

