

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085927.D
 Acq On : 31 Mar 2016 15:04
 Operator : UM/SJ
 Sample : H2075-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Quant Time: Mar 31 21:45:05 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

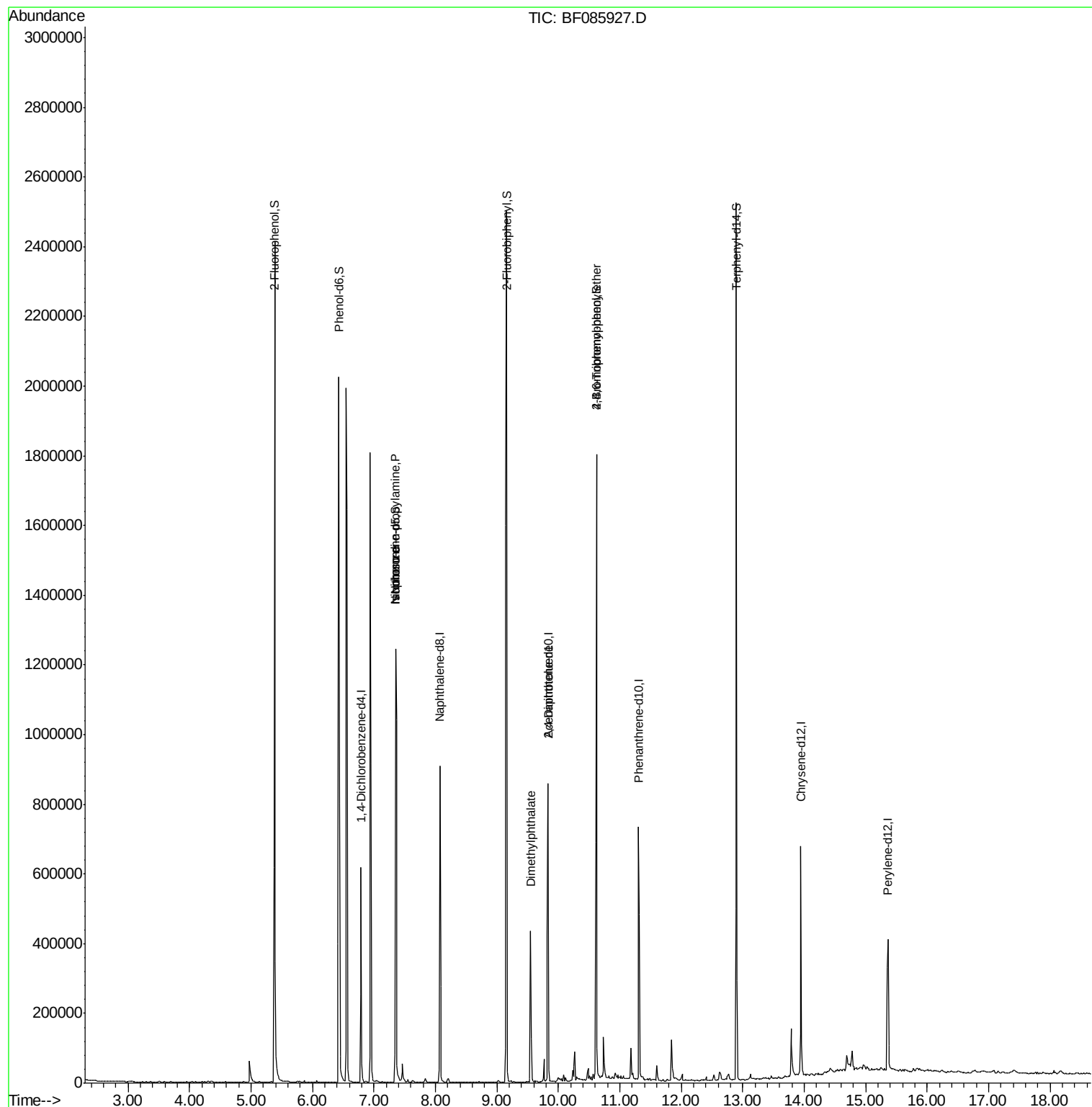
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107284	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	430506	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192322	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	333514	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	210156	20.00	ng	-0.02
86) Perylene-d12	15.36	264	190338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	739740	114.83	ng	-0.01
7) Phenol-d6	6.42	99	901290	110.04	ng	-0.02
23) Nitrobenzene-d5	7.35	82	605868	79.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	228184	124.88	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1006780	87.46	ng	-0.01
78) Terphenyl-d14	12.89	244	732107	71.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	77809	15.87	ng	# 80
25) Isophorone	7.35	82	582457	39.55	ng	# 68
49) Dimethylphthalate	9.54	163	173221	11.87	ng	99
56) 2,4-Dinitrotoluene	9.83	165	24562	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	15975	4.68	ng	# 1

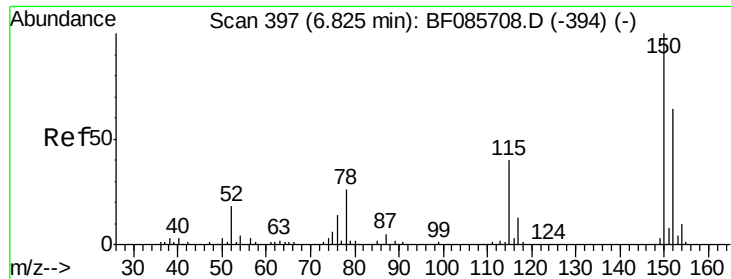
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085927.D

Acq: 31 Mar 2016 15:04

Instrument :

BNA_F

ClientSampled :

SP-11

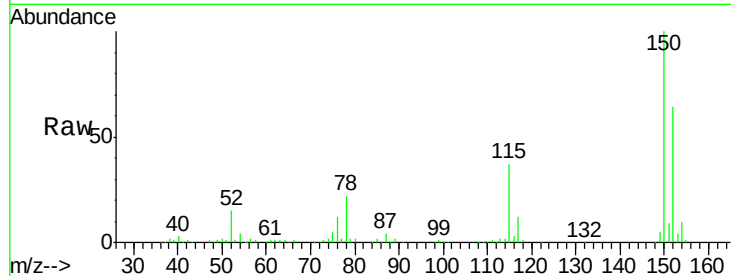
Tgt Ion:152 Resp: 107284

Ion Ratio Lower Upper

152 100

150 157.4 124.2 186.2

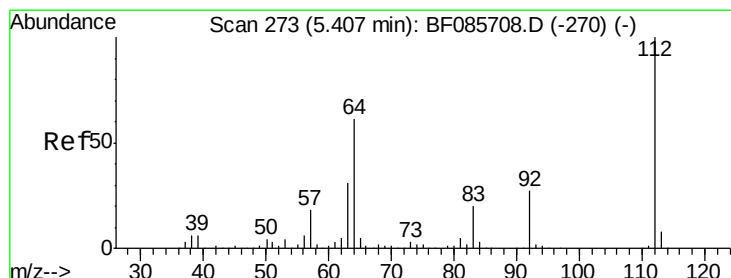
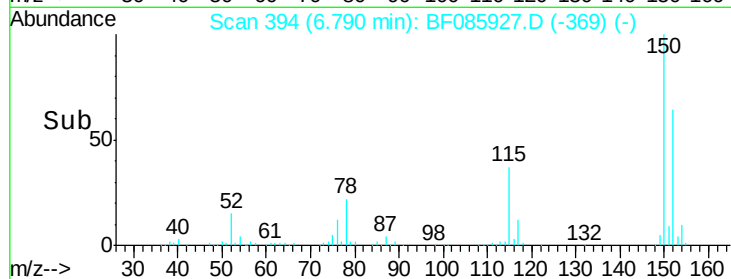
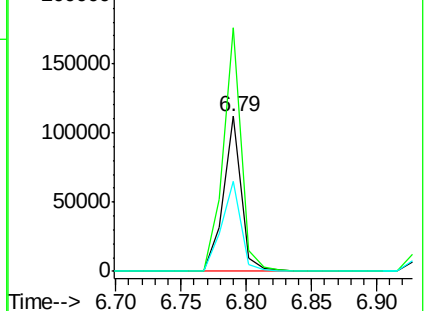
115 58.3 47.0 70.6



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: 114.83 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

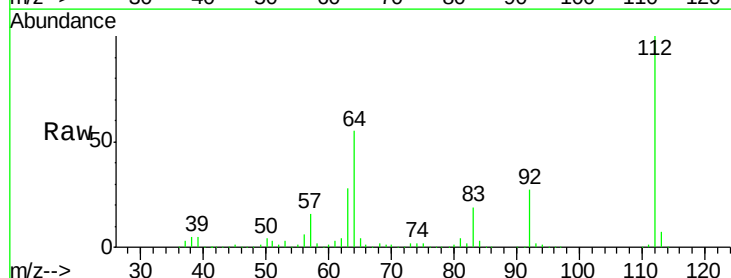
Tgt Ion:112 Resp: 739740

Ion Ratio Lower Upper

112 100

64 55.1 39.9 59.9

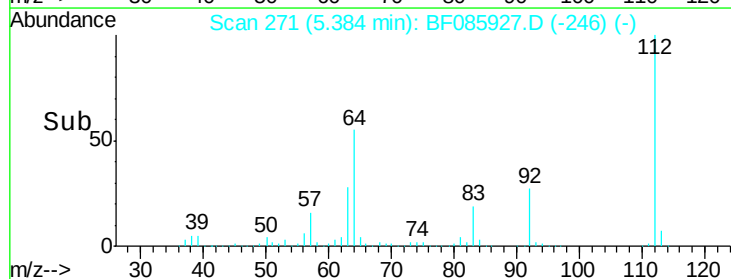
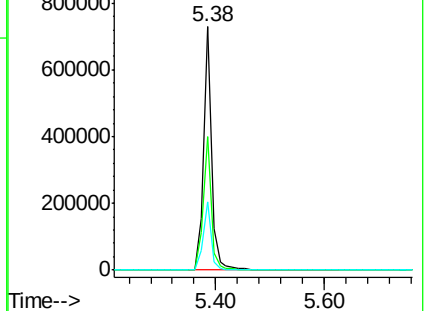
63 28.0 20.2 30.2

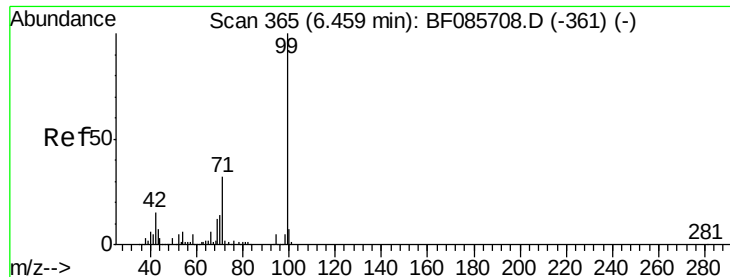


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.04 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

Instrument :

BNA_F

ClientSampled :

SP-11

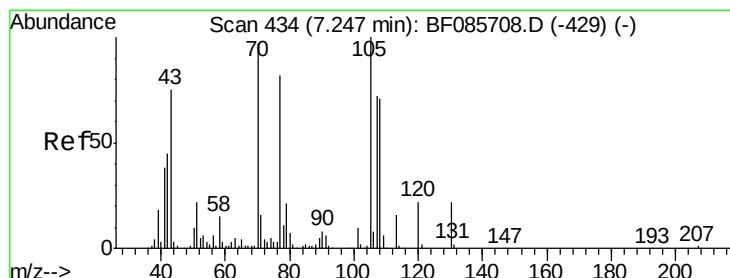
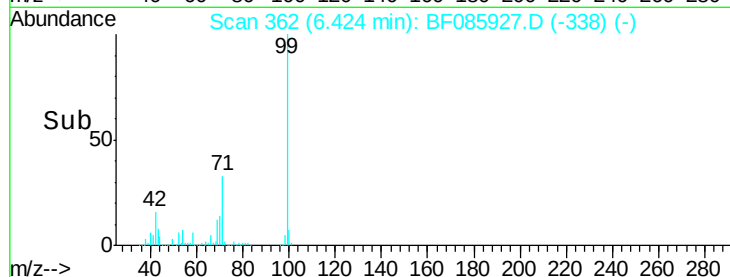
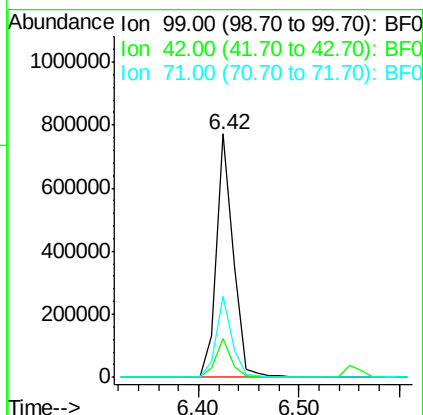
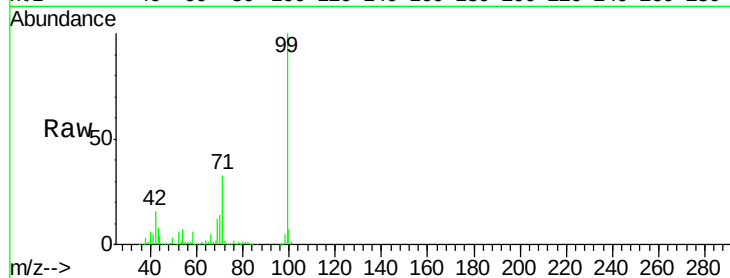
Tgt Ion: 99 Resp: 901290

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

71 33.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.87 ng

RT: 7.35 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

Tgt Ion: 70 Resp: 77809

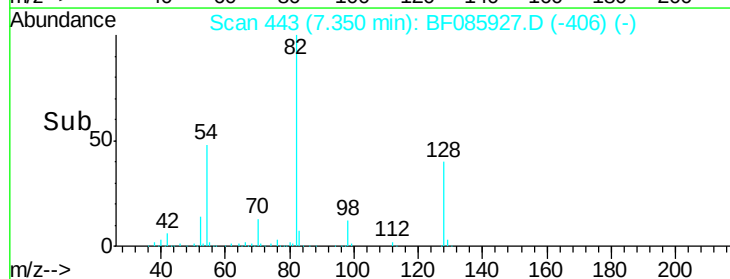
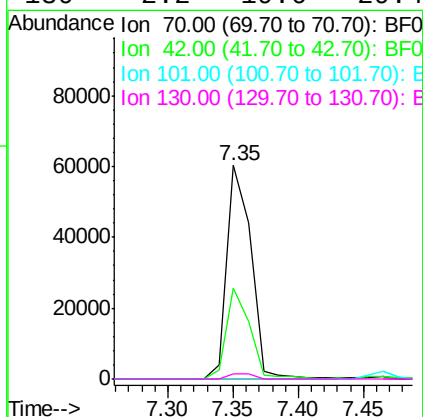
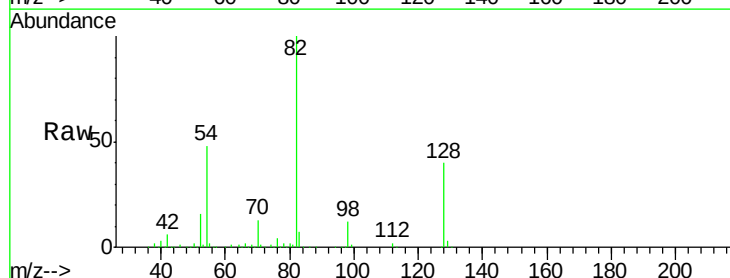
Ion Ratio Lower Upper

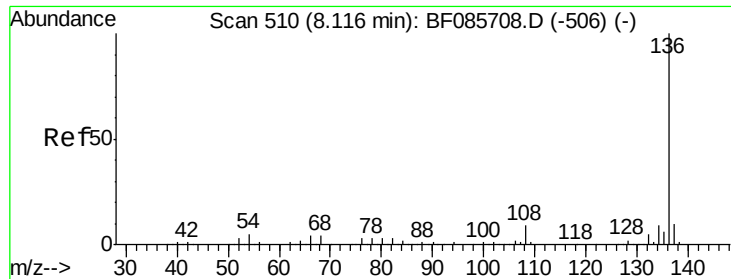
70 100

42 42.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

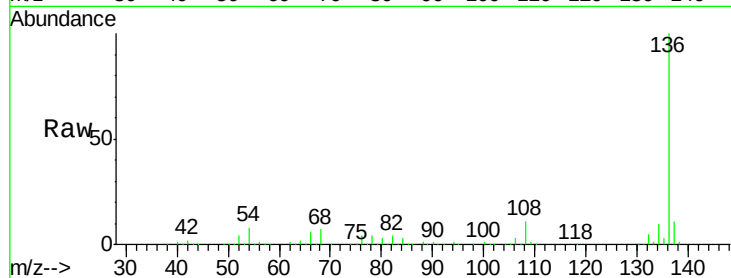




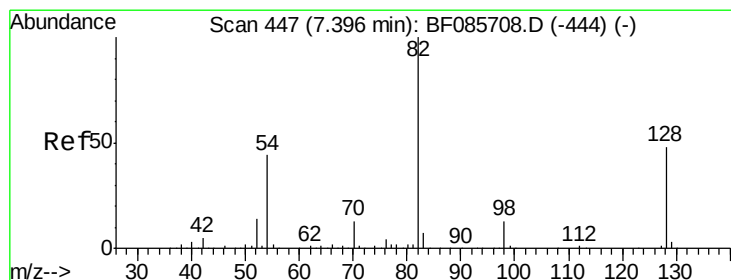
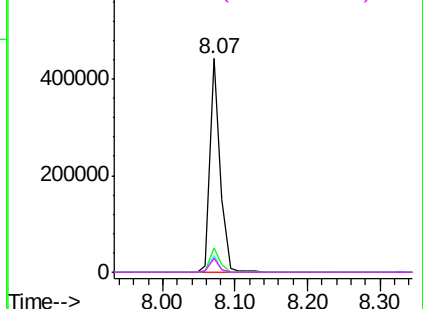
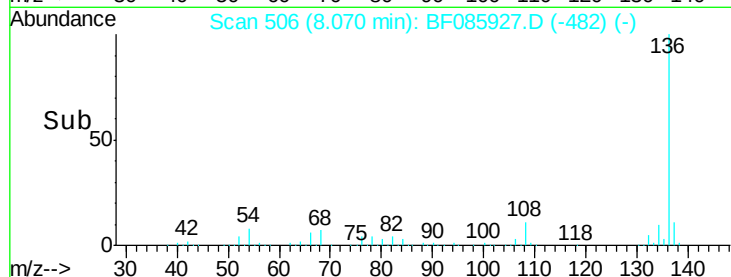
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085927.D
Acq: 31 Mar 2016 15:04

Instrument :
BNA_F
ClientSampleId :
SP-11

Tgt Ion:	136	Resp:	430506
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.0	7.4	11.0
68	6.5	5.8	8.8

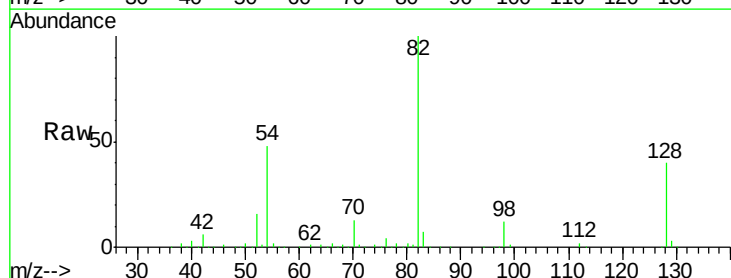


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

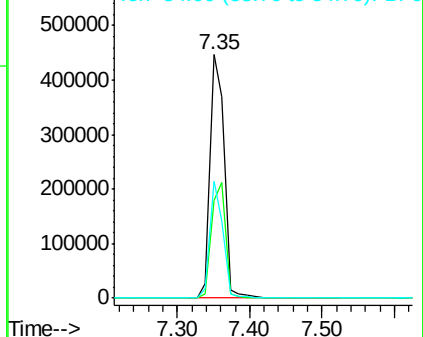
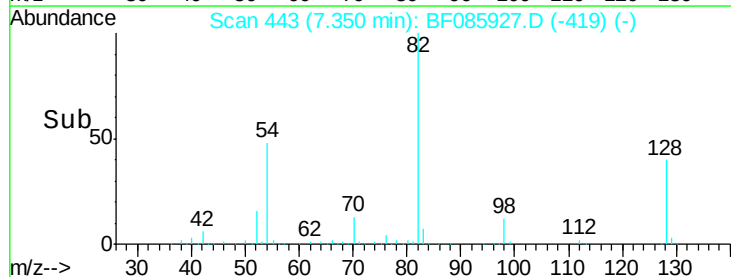


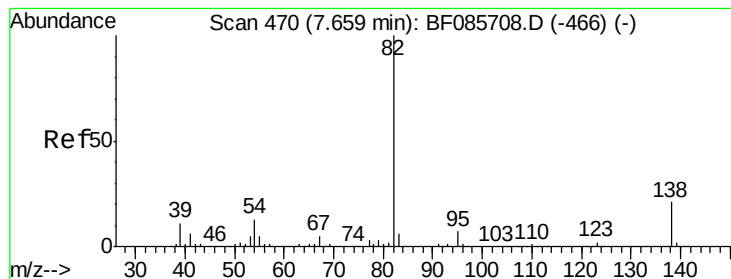
#23
Nitrobenzene-d5
Concen: 79.25 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085927.D
Acq: 31 Mar 2016 15:04

Tgt Ion:	82	Resp:	605868
Ion	Ratio	Lower	Upper
82	100		
128	40.3	41.8	62.8#
54	48.1	33.4	50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.55 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.29 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

Instrument :

BNA_F

ClientSampleId :

SP-11

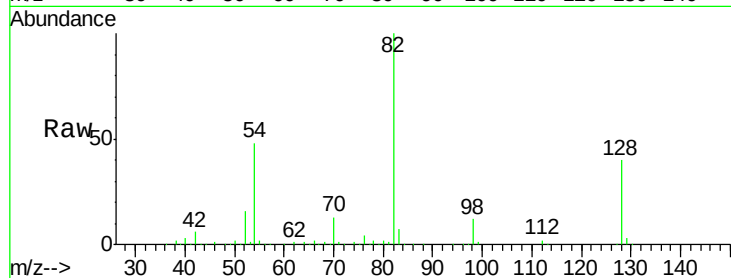
Tgt Ion: 82 Resp: 582457

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

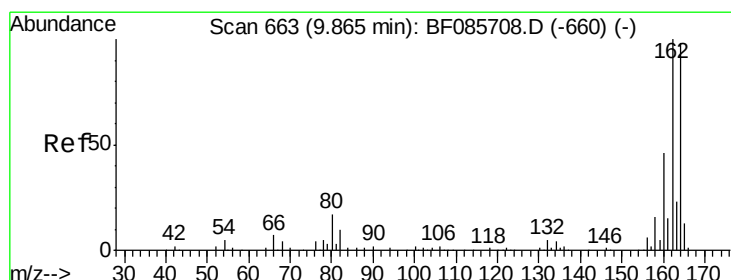
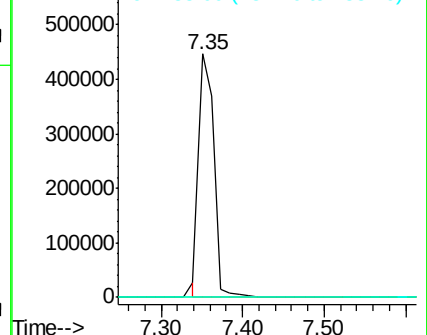
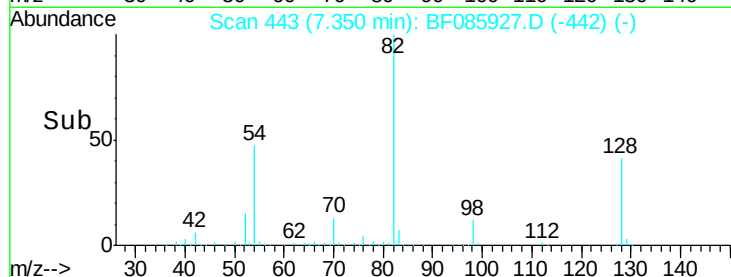
138 0.0 12.9 19.3#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

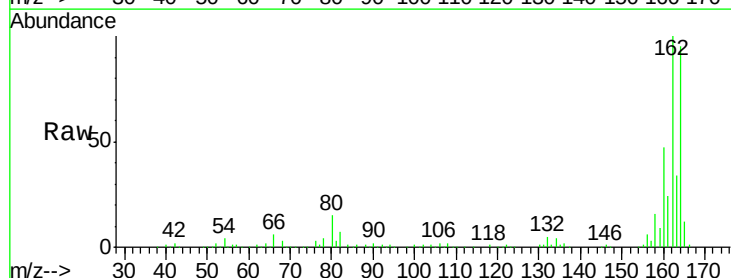
Tgt Ion: 164 Resp: 192322

Ion Ratio Lower Upper

164 100

162 104.8 82.1 123.1

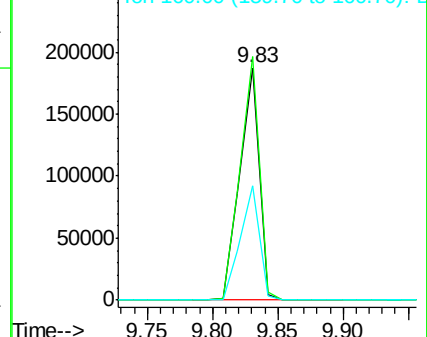
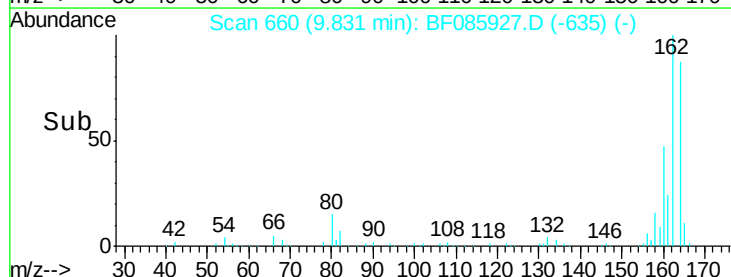
160 49.3 37.4 56.2

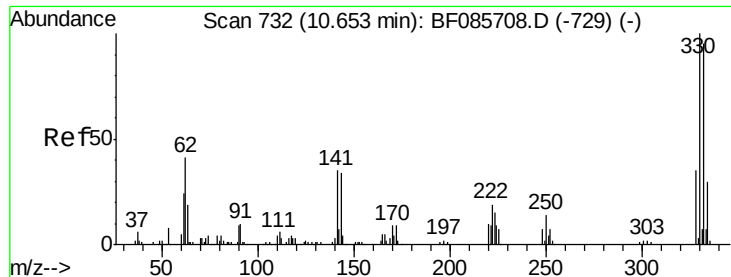


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

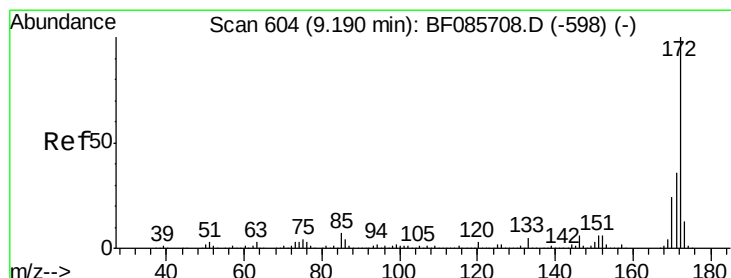
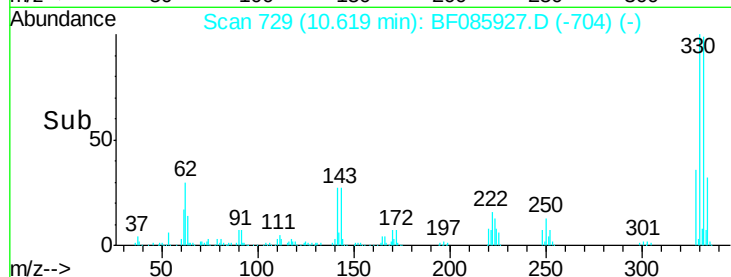
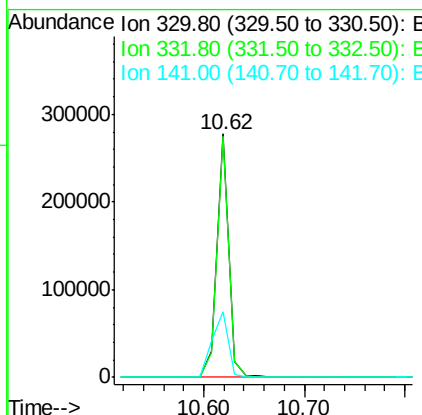
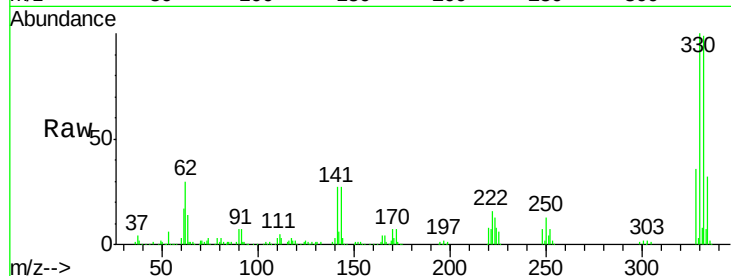




#41
 2,4,6-Tribromophenol
 Concen: 124.88 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085927.D
 Acq: 31 Mar 2016 15:04

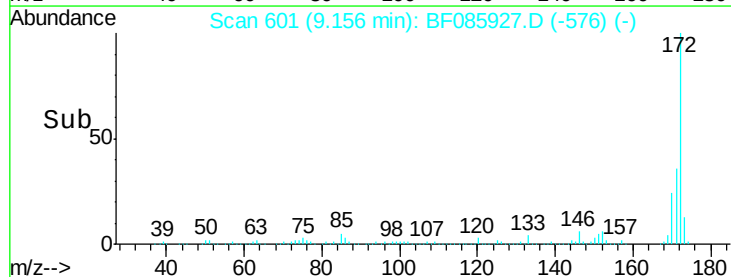
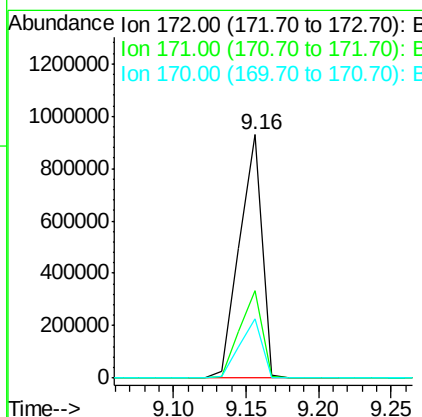
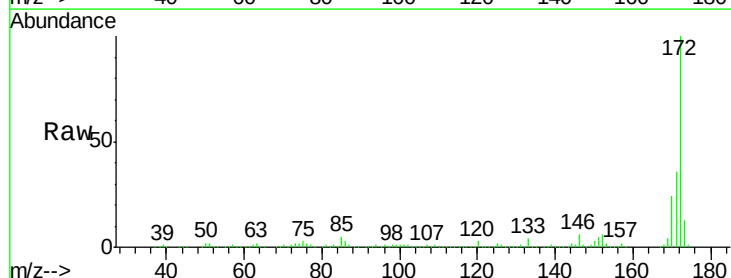
Instrument :
 BNA_F
 ClientSampleId :
 SP-11

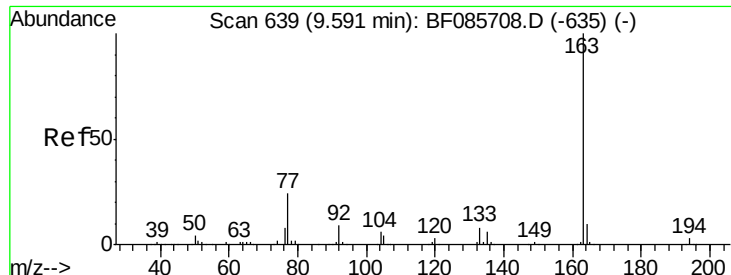
Tgt Ion:330 Resp: 228184
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.2 117.2
 141 37.0 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 87.46 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085927.D
 Acq: 31 Mar 2016 15:04

Tgt Ion:172 Resp: 1006780
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.1 19.8 29.6





#49

Dimethylphthalate

Concen: 11.87 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

Instrument :

BNA_F

ClientSampleId :

SP-11

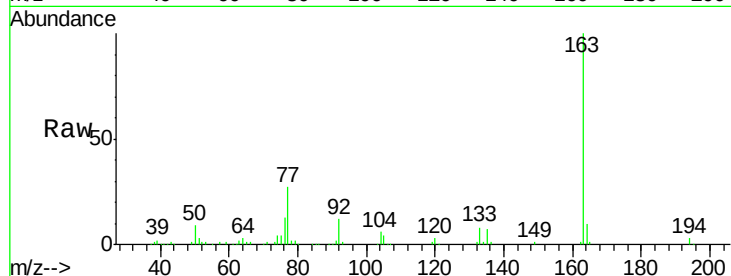
Tgt Ion:163 Resp: 173221

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

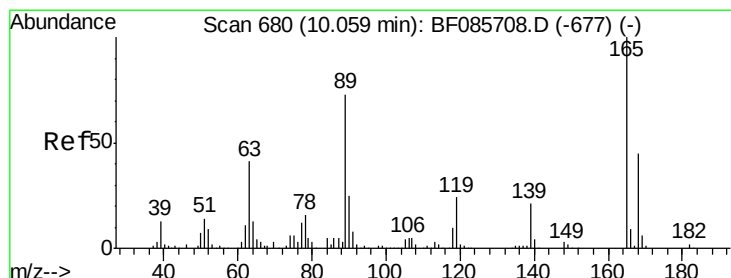
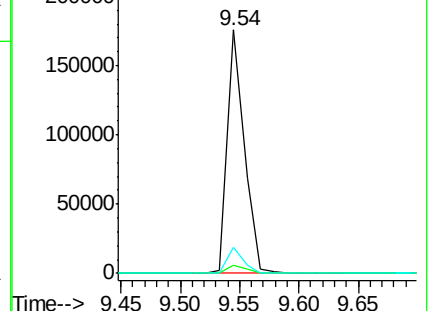
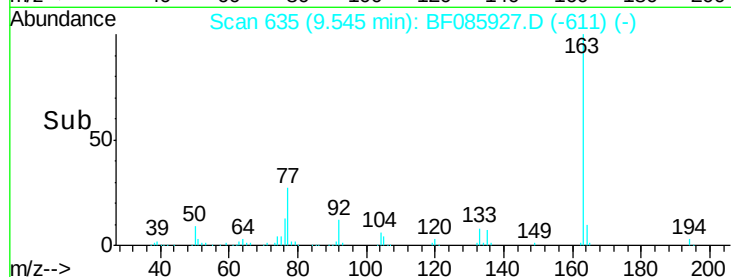
164 10.5 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.15 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.21 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

Tgt Ion:165 Resp: 24562

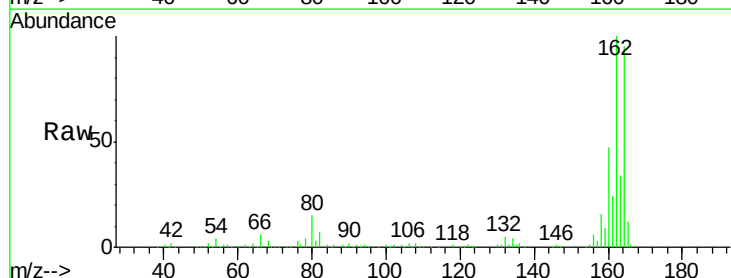
Ion Ratio Lower Upper

165 100

63 1.6 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

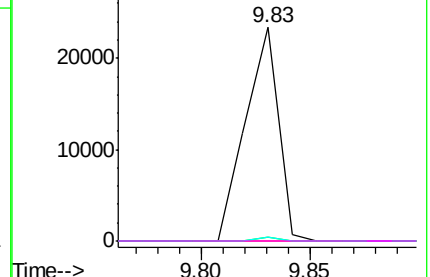
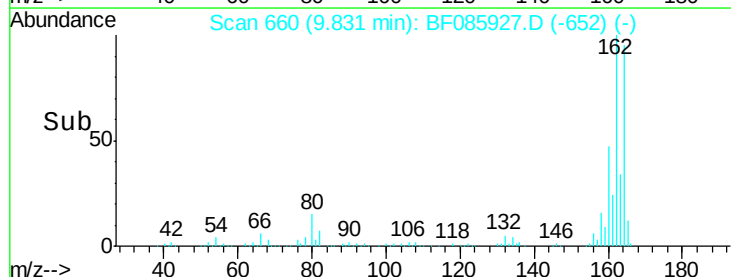


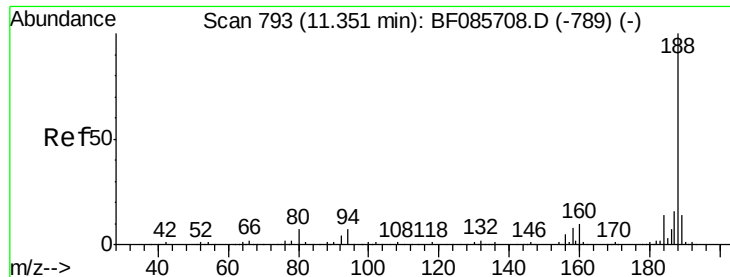
Abundance Ion 165.00 (164.70 to 165.70): E

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

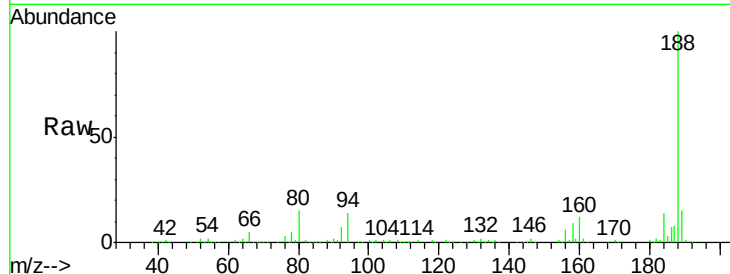




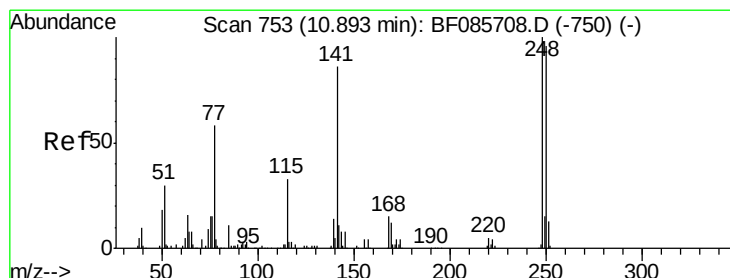
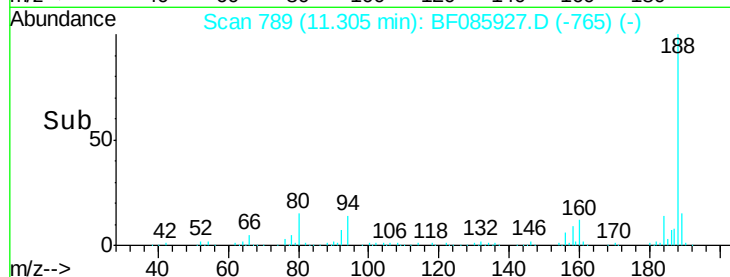
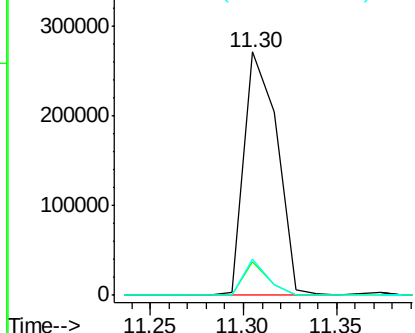
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF085927.D
 Acq: 31 Mar 2016 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Tgt Ion:188 Resp: 333514
 Ion Ratio Lower Upper
 188 100
 94 13.9 5.4 8.0#
 80 15.0 5.5 8.3#

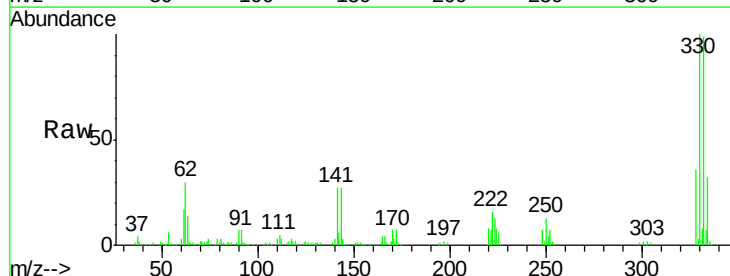


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

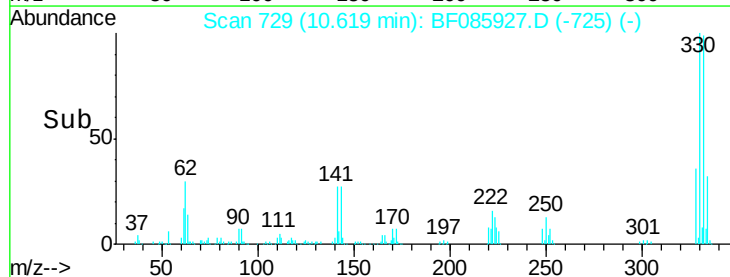
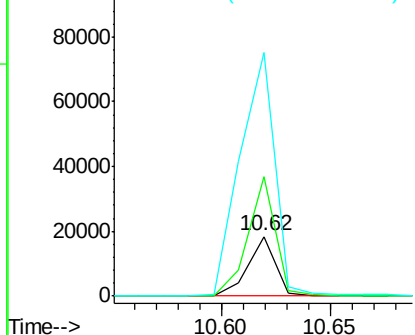


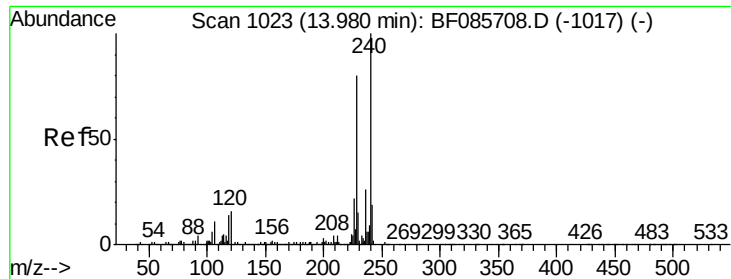
#66
 4-Bromophenyl-phenylether
 Concen: 4.68 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.25 min
 Lab File: BF085927.D
 Acq: 31 Mar 2016 15:04

Tgt Ion:248 Resp: 15975
 Ion Ratio Lower Upper
 248 100
 250 200.9 77.4 116.0#
 141 408.8 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: BF085927.D

Acq: 31 Mar 2016 15:04

Instrument :

BNA_F

ClientSampleId :

SP-11

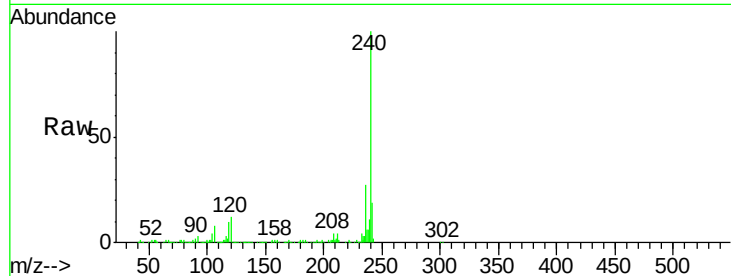
Tgt Ion:240 Resp: 210156

Ion Ratio Lower Upper

240 100

120 12.1 13.8 20.8#

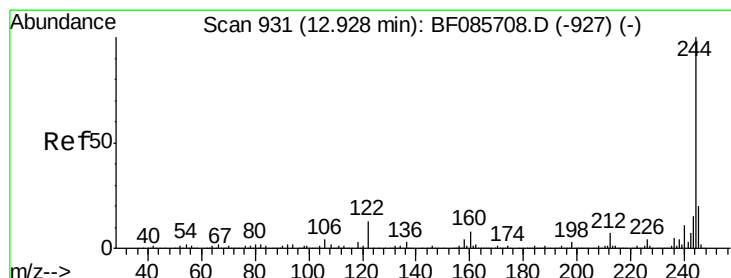
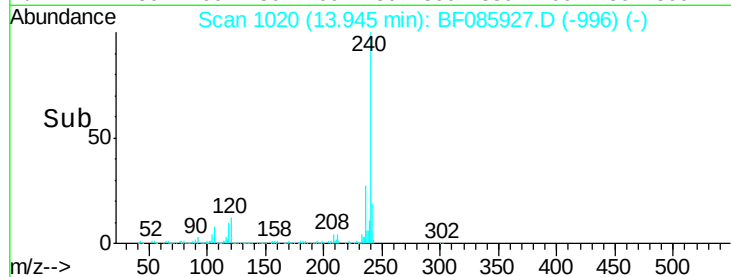
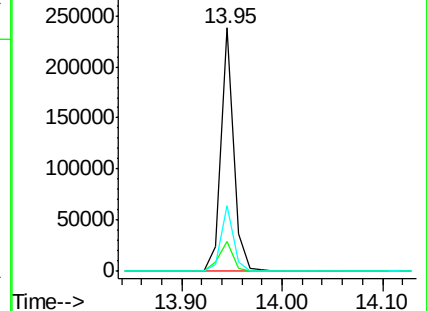
236 26.8 20.6 30.8



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: 71.64 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085927.D

Acq: 31 Mar 2016 15:04

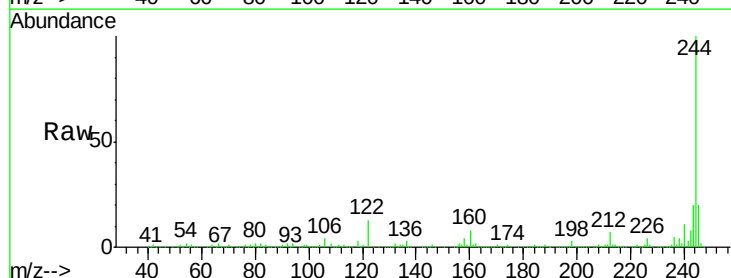
Tgt Ion:244 Resp: 732107

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

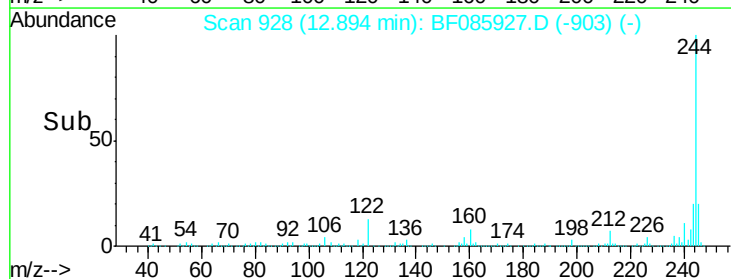
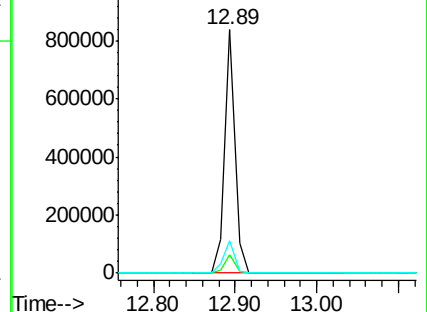
122 13.3 10.2 15.4

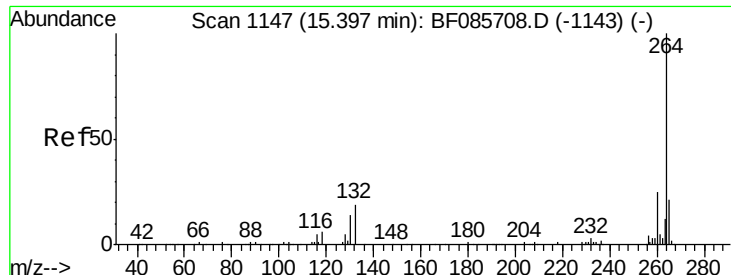


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

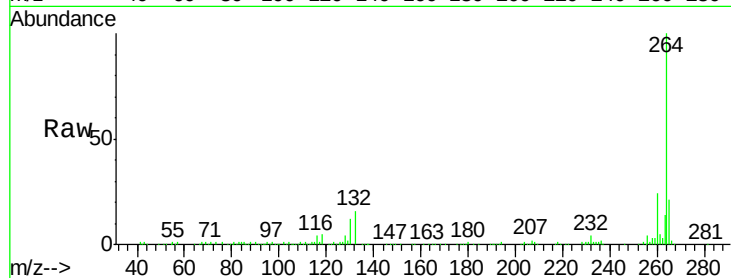




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085927.D
Acq: 31 Mar 2016 15:04

Instrument :
BNA_F
ClientSampleId :
SP-11

Tgt Ion: 264 Resp: 190338
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.1 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

