

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF085993.D
 Acq On : 2 Apr 2016 6:25
 Operator : UM/SJ
 Sample : H2079-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

Quant Time: Apr 04 00:59:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

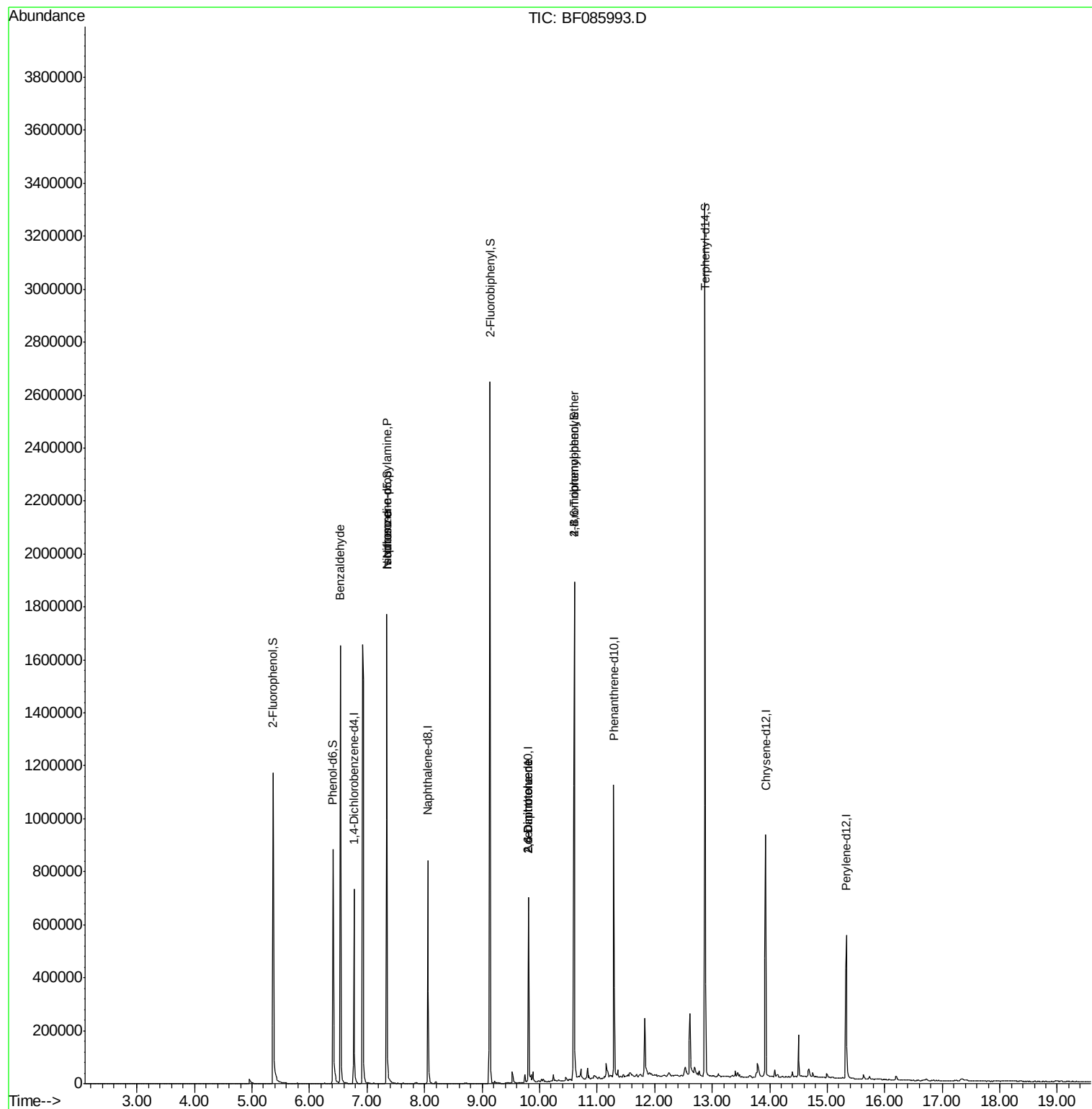
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113591	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	441830	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	201960	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	398471	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	356445	20.00	ng	0.00
86) Perylene-d12	15.33	264	277335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	410821	61.82	ng	0.00
7) Phenol-d6	6.41	99	352403	41.75	ng	-0.01
23) Nitrobenzene-d5	7.34	82	737392	98.42	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	309828	163.45	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1239111	102.01	ng	0.00
78) Terphenyl-d14	12.88	244	1063448	70.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	14887	3.28	ng	# 75
19) n-Nitroso-di-n-propylamine	7.34	70	96133	18.37	ng	# 73
25) Isophorone	7.34	82	736630	49.81	ng	# 68
50) 2,6-Dinitrotoluene	9.80	165	24508	7.74	ng	# 18
56) 2,4-Dinitrotoluene	9.80	165	24511	6.12	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	19544	4.80	ng	# 1

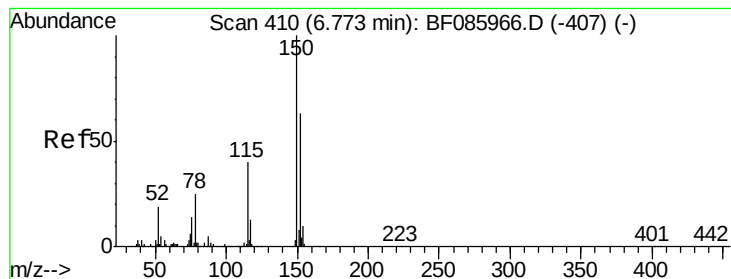
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

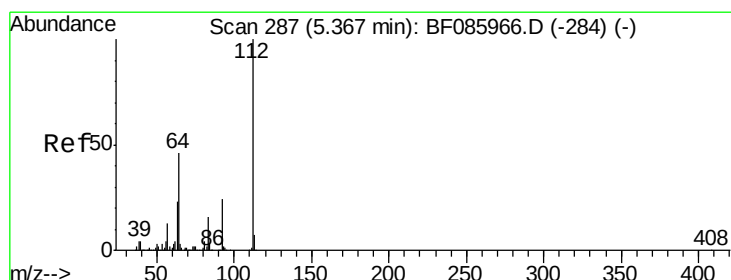
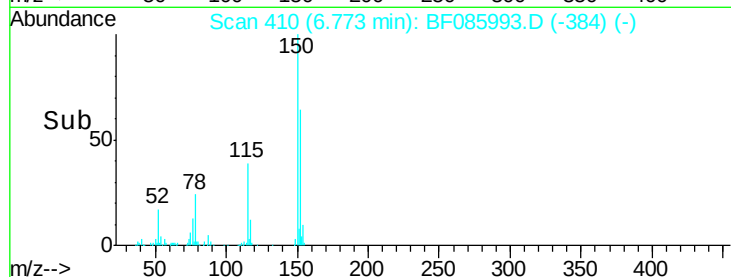
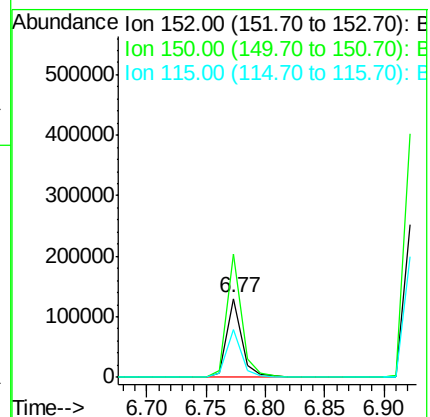
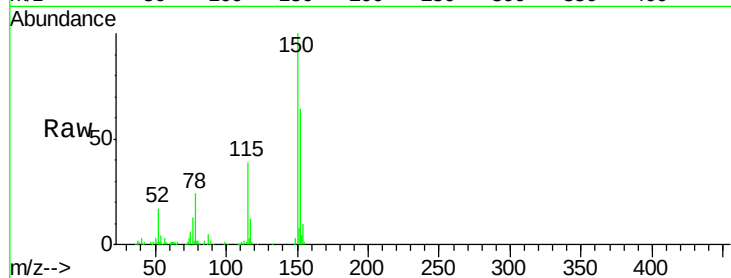
Tgt Ion:152 Resp: 113591

Ion Ratio Lower Upper

152 100

150 156.4 124.2 186.2

115 60.8 47.0 70.6



#5

2-Fluorophenol

Concen: 61.82 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

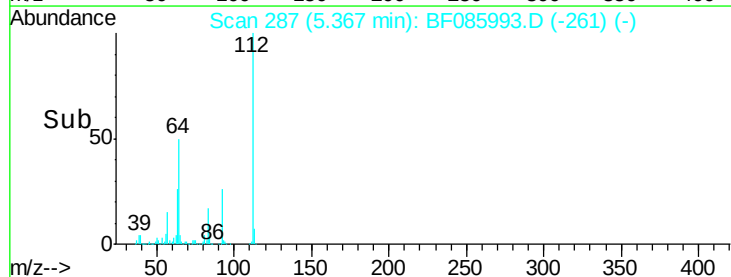
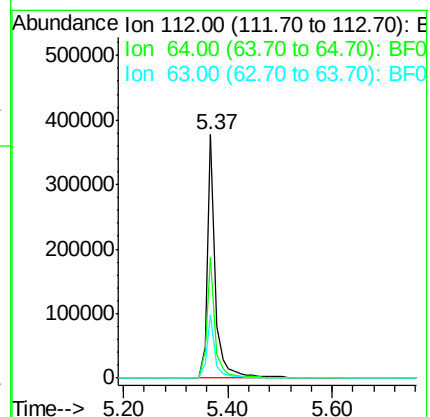
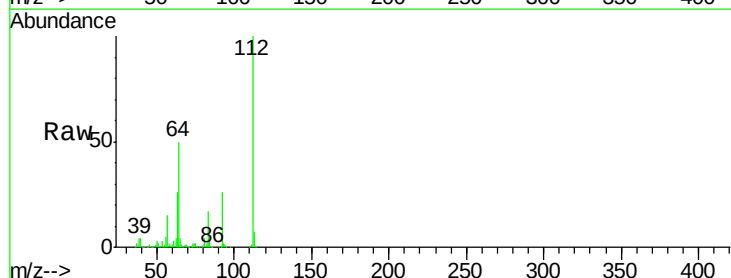
Tgt Ion:112 Resp: 410821

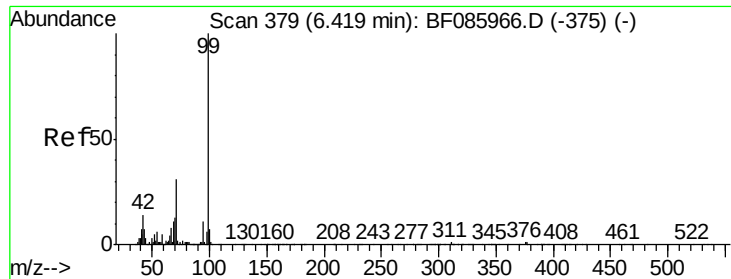
Ion Ratio Lower Upper

112 100

64 49.8 39.9 59.9

63 25.8 20.2 30.2





#7

Phenol-d6

Concen: 41.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

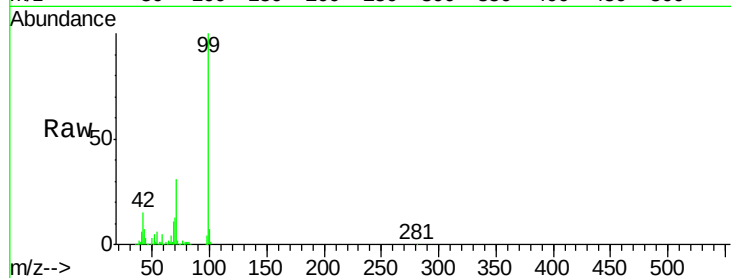
Tgt Ion: 99 Resp: 352403

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

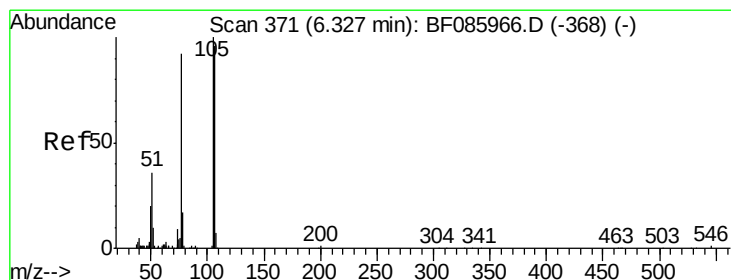
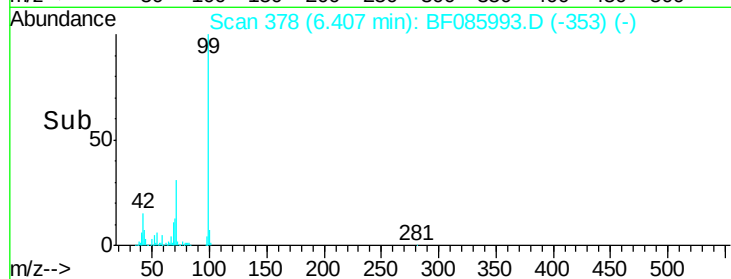
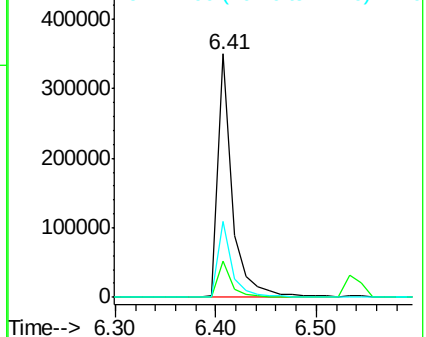
71 31.4 24.9 37.3



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: 3.28 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

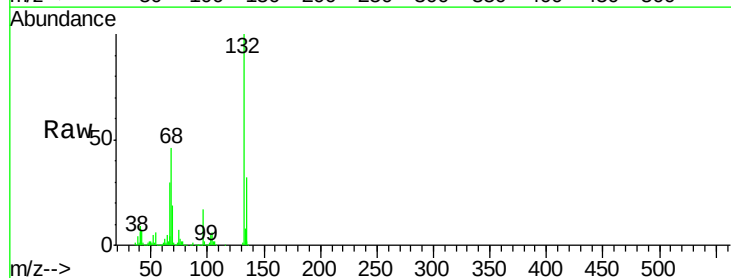
Tgt Ion: 77 Resp: 14887

Ion Ratio Lower Upper

77 100

105 75.0 80.1 120.1#

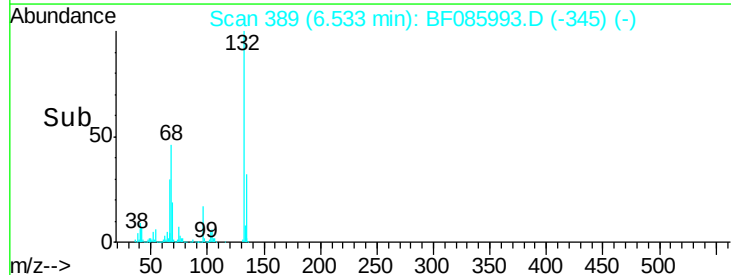
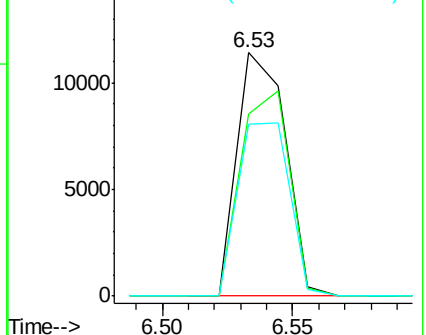
106 70.9 75.0 115.0#

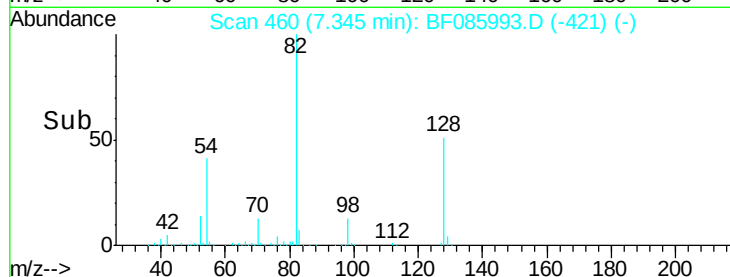
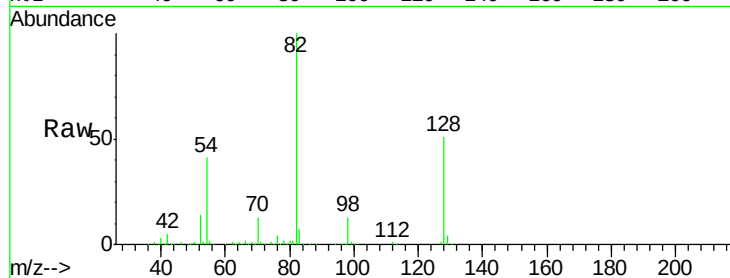
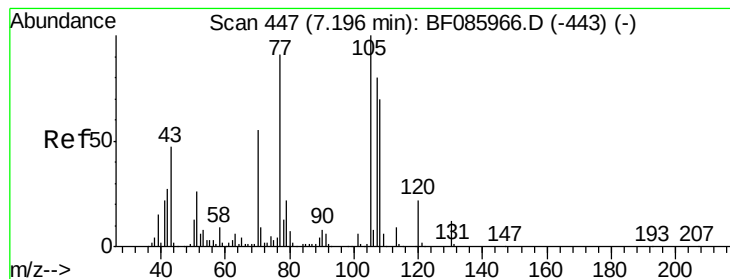


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.37 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

Tgt Ion: 70 Resp: 96133

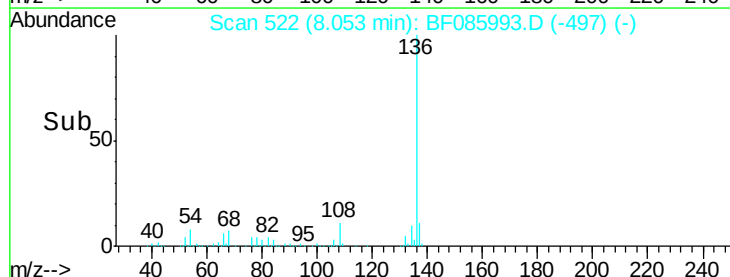
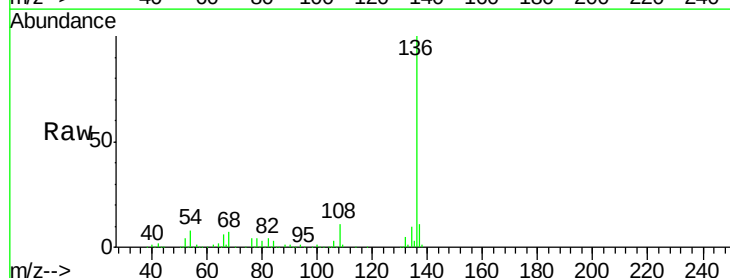
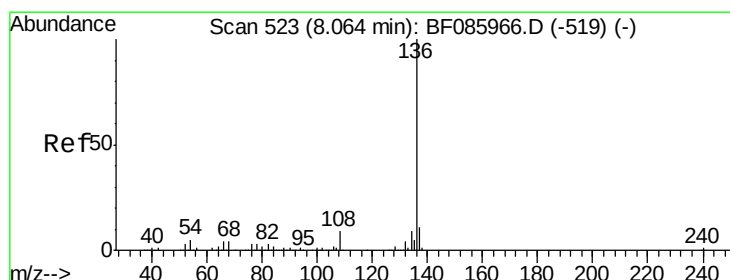
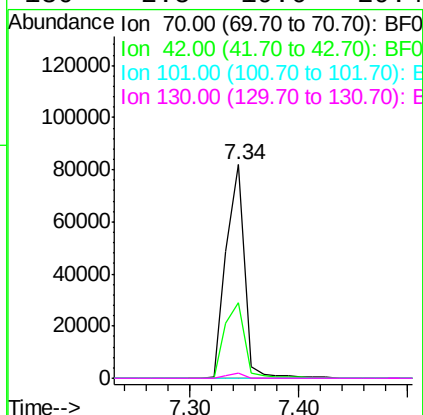
Ion Ratio Lower Upper

70 100

42 35.2 37.1 55.7#

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Tgt Ion: 136 Resp: 441830

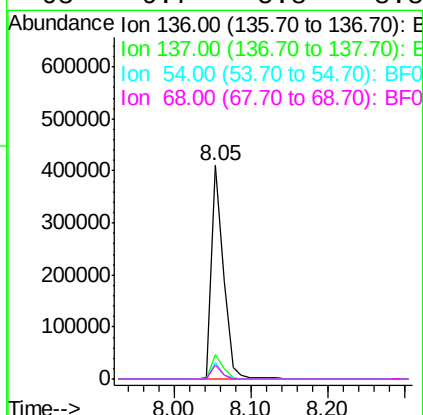
Ion Ratio Lower Upper

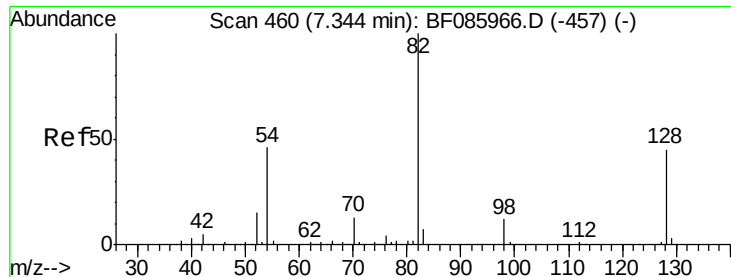
136 100

137 11.2 9.1 13.7

54 7.9 7.4 11.0

68 6.7 5.8 8.8

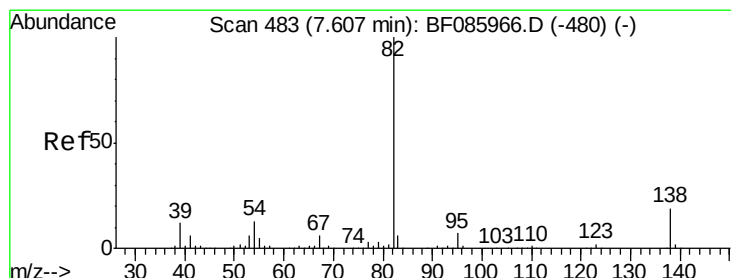
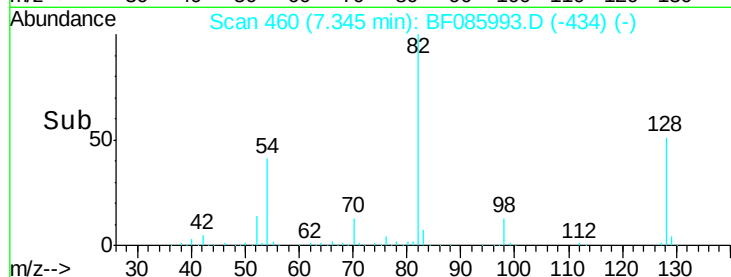
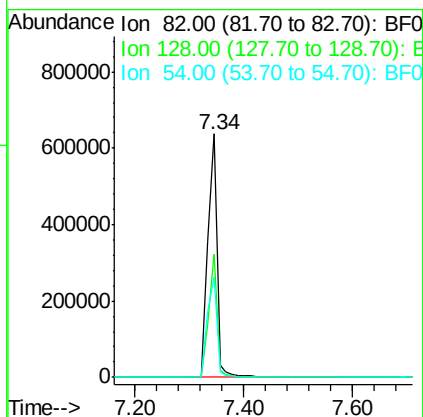
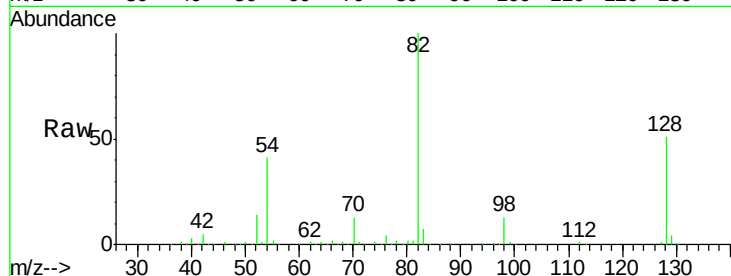




#23
 Nitrobenzene-d5
 Concen: 98.42 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

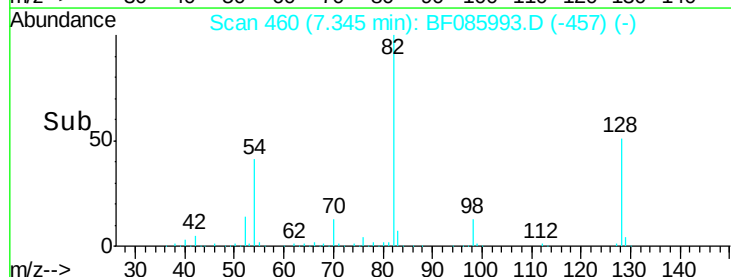
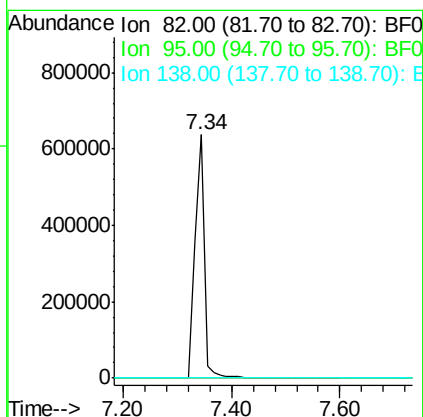
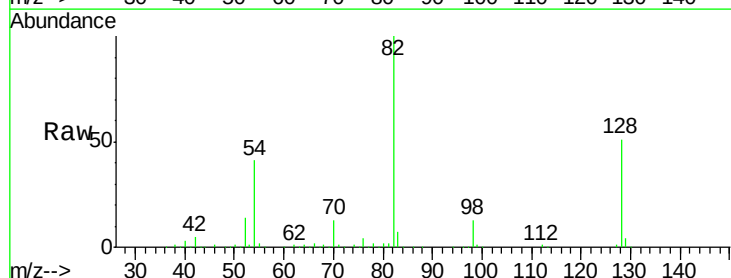
Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

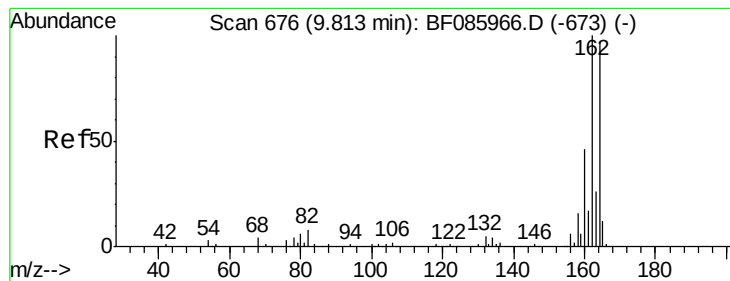
Tgt Ion: 82 Resp: 737392
 Ion Ratio Lower Upper
 82 100
 128 50.6 41.8 62.8
 54 41.4 33.4 50.0



#25
 Isophorone
 Concen: 49.81 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

Tgt Ion: 82 Resp: 736630
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

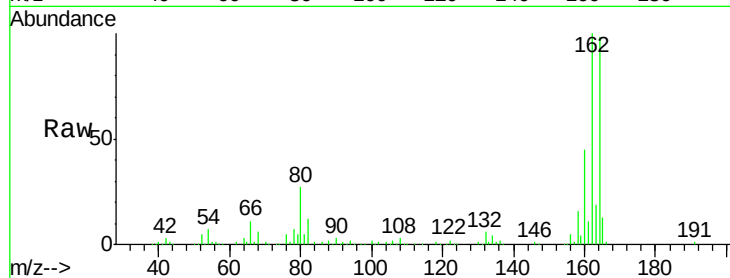
Tgt Ion:164 Resp: 201960

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

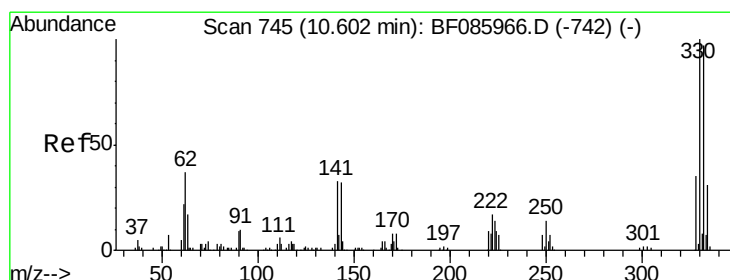
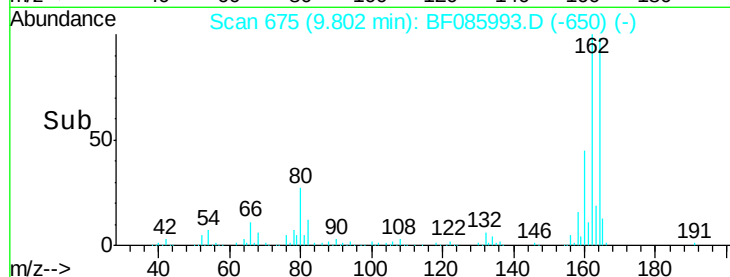
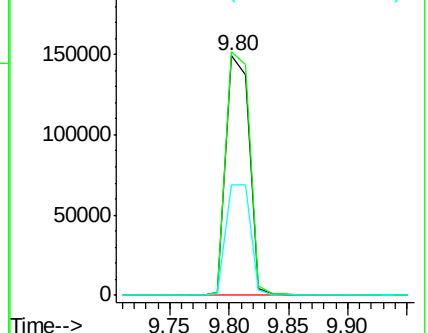
160 46.2 37.4 56.2



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: 163.45 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

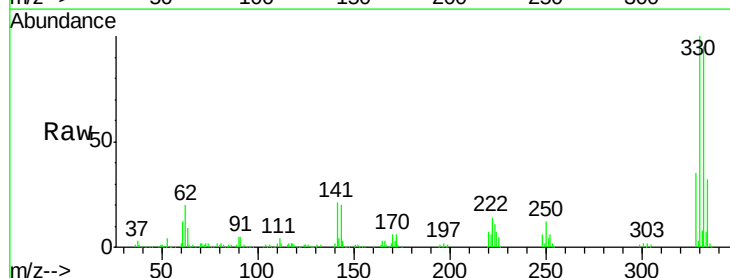
Tgt Ion:330 Resp: 309828

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

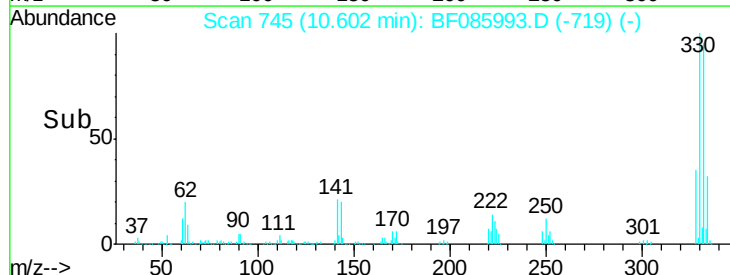
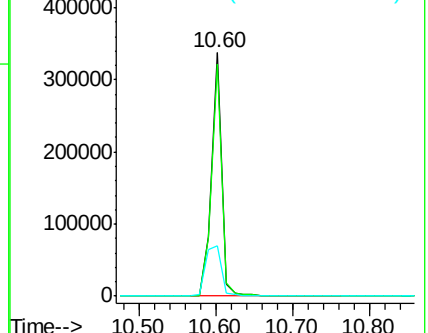
141 32.7 31.5 47.3

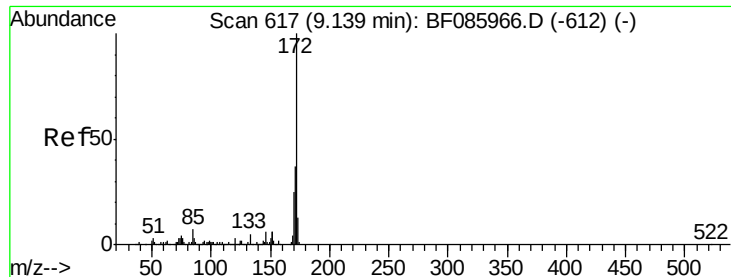


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 102.01 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampled :

DB-NE-14

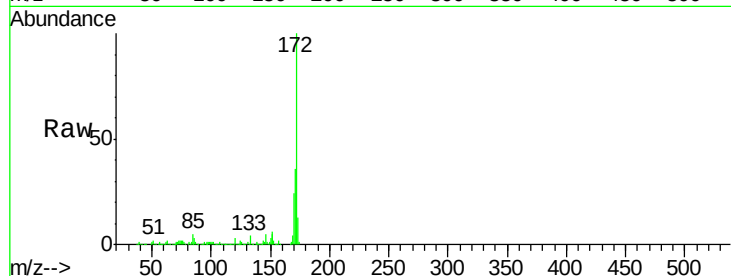
Tgt Ion:172 Resp: 1239111

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.2

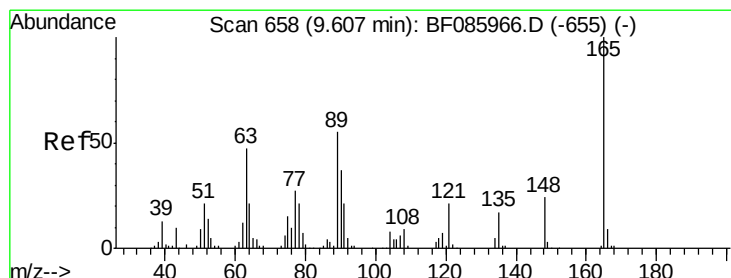
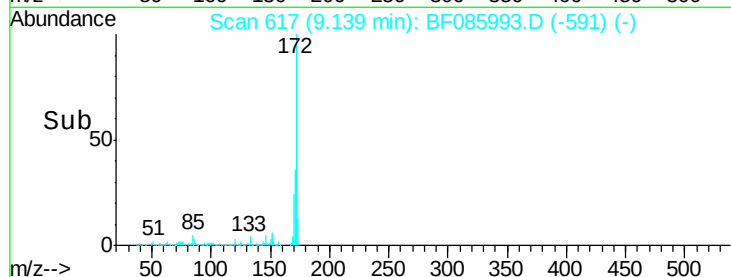
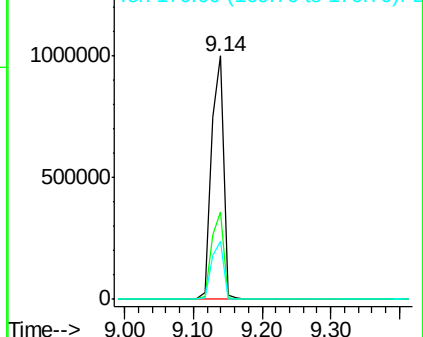
170 23.9 19.8 29.6



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: 7.74 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

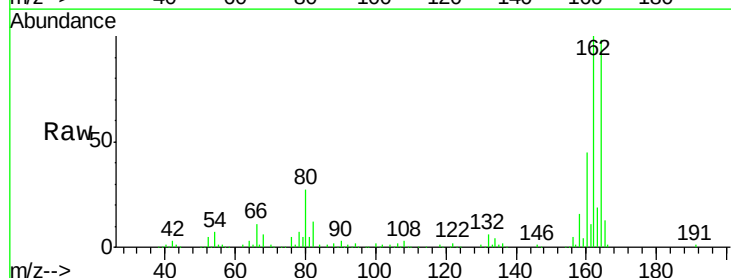
Tgt Ion:165 Resp: 24508

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

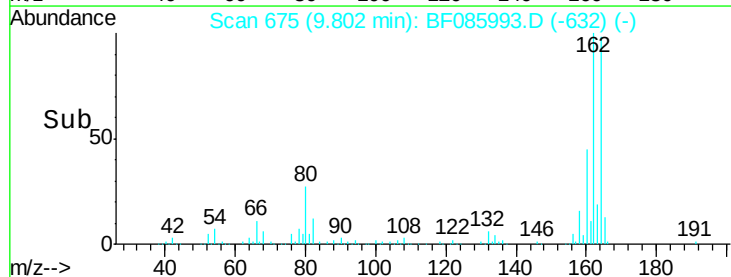
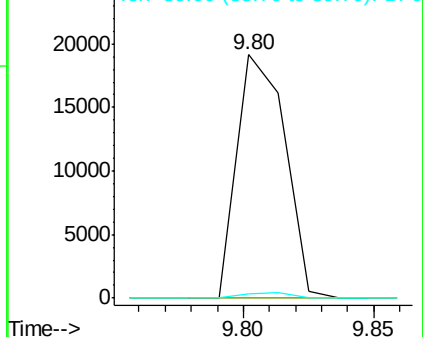
89 1.8 53.7 80.5#

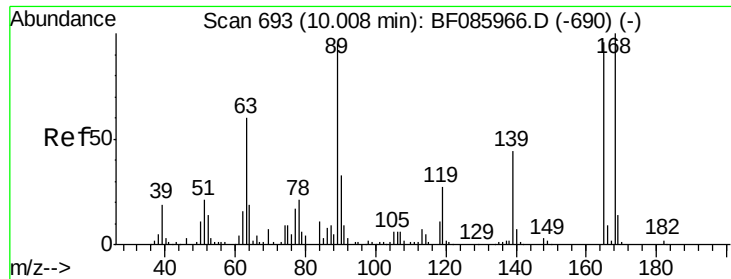


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

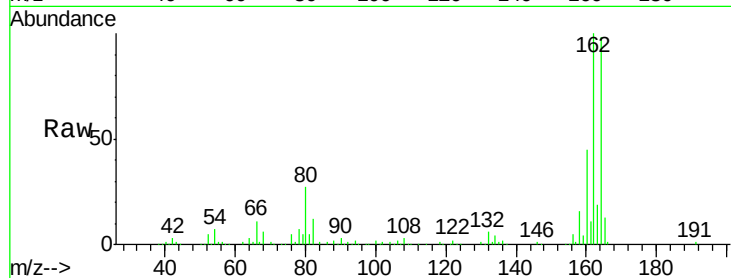




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

Tgt Ion:	165	Resp:	24511
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#

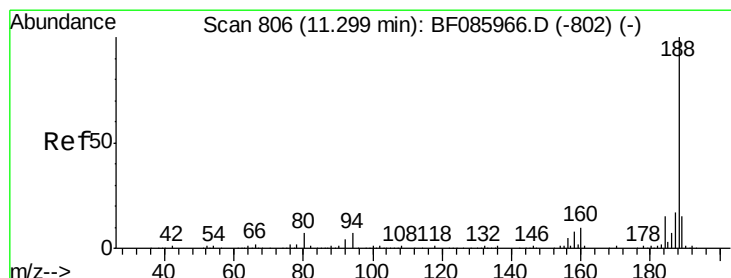
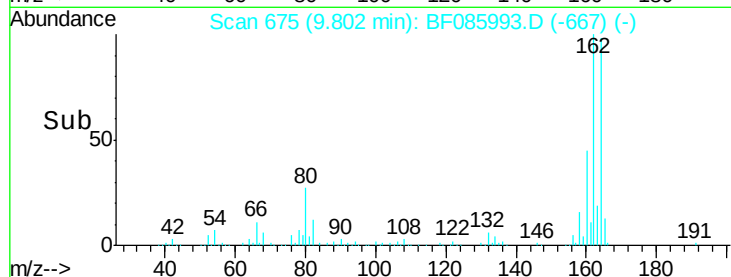
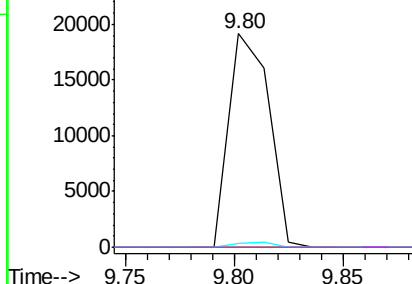


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

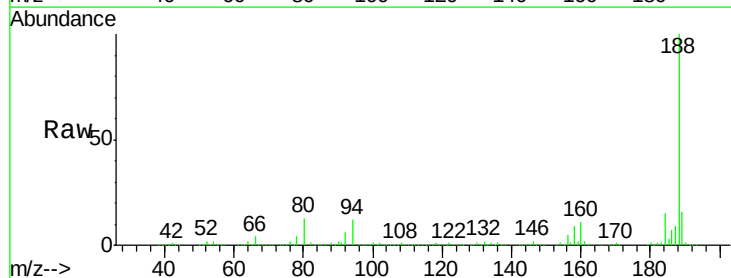
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

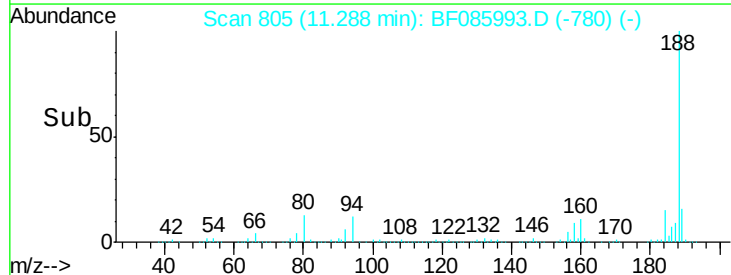
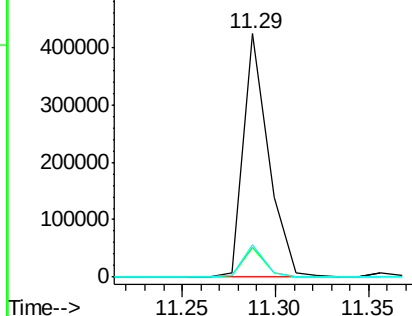
Tgt Ion:	188	Resp:	398471
Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.4	8.0#
80	13.4	5.5	8.3#

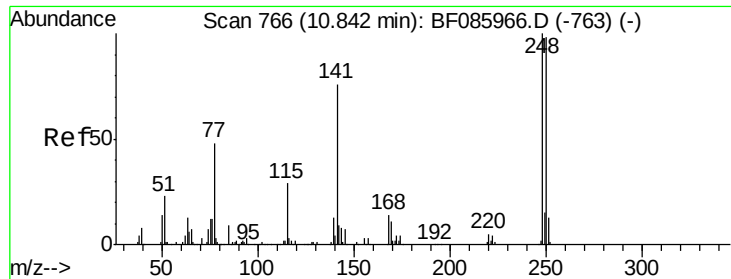


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.80 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

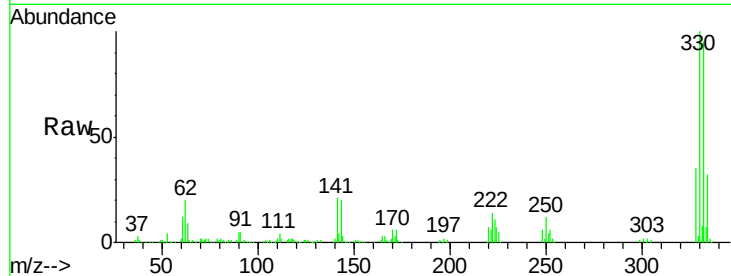
Tgt Ion:248 Resp: 19544

Ion Ratio Lower Upper

248 100

250 205.3 77.4 116.0#

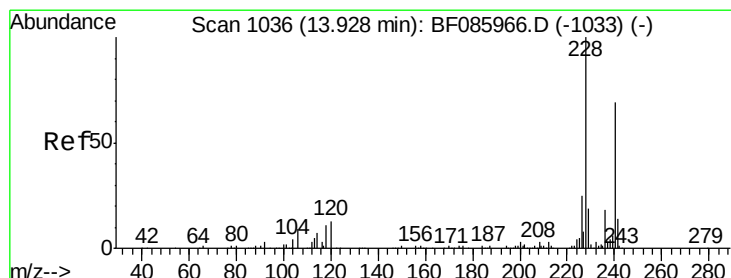
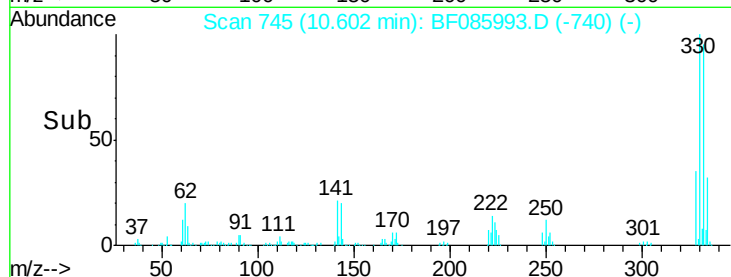
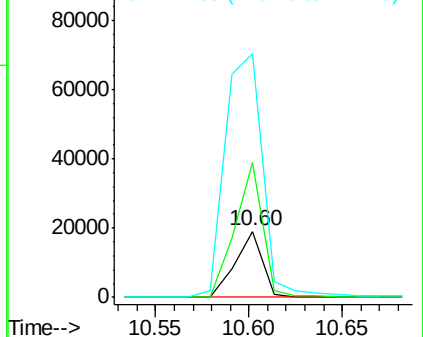
141 369.1 63.6 95.4#



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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

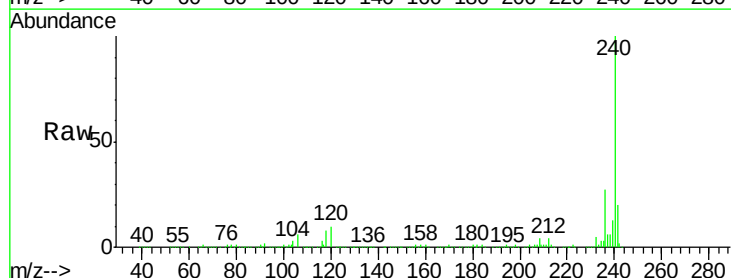
Tgt Ion:240 Resp: 356445

Ion Ratio Lower Upper

240 100

120 9.7 13.8 20.8#

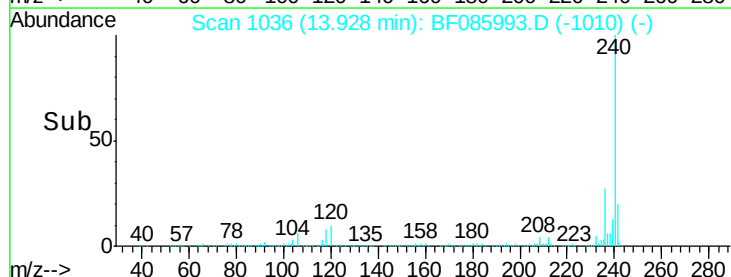
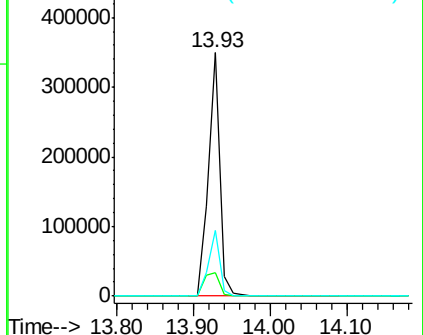
236 26.8 20.6 30.8

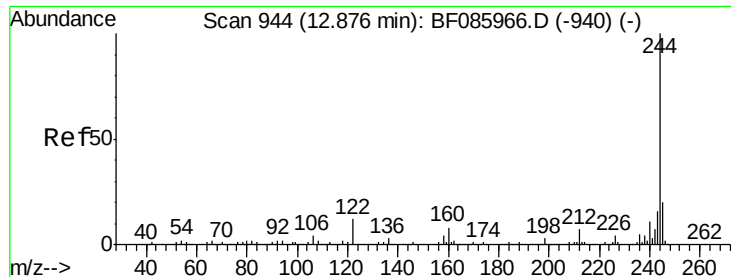


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.13 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

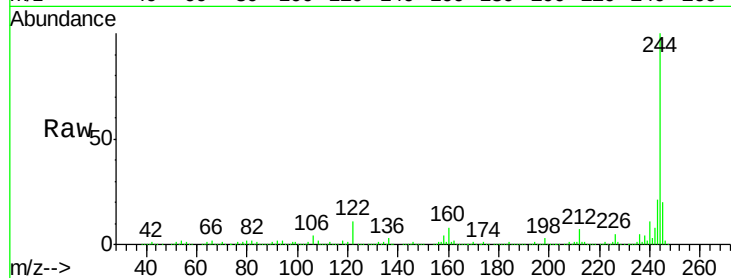
Tgt Ion:244 Resp: 1063448

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

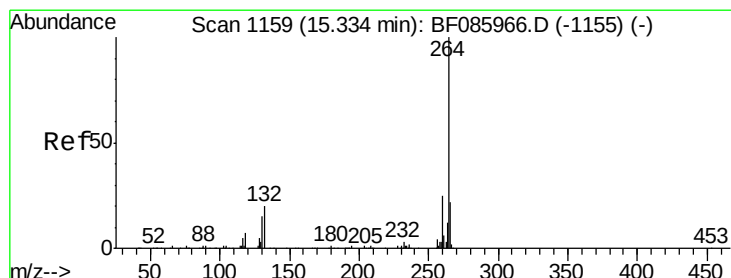
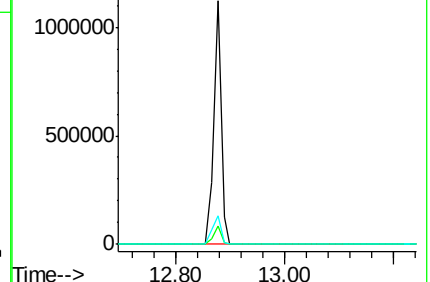
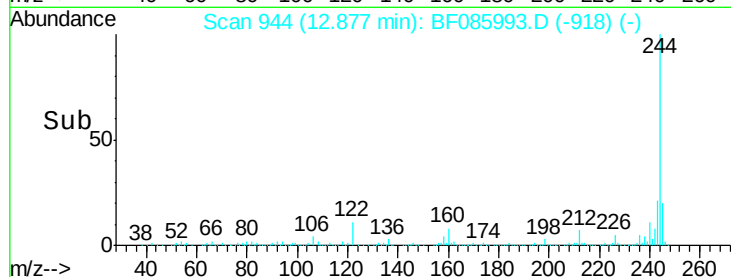
122 11.5 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

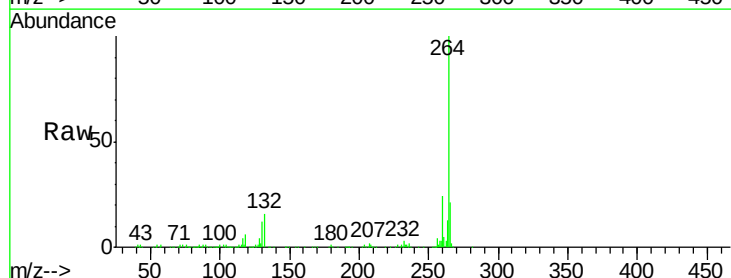
Tgt Ion:264 Resp: 277335

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.2 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

