

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085090.D
 Acq On : 17 Feb 2016 17:00
 Operator : SJ/IZ
 Sample : H1418-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 17:30:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

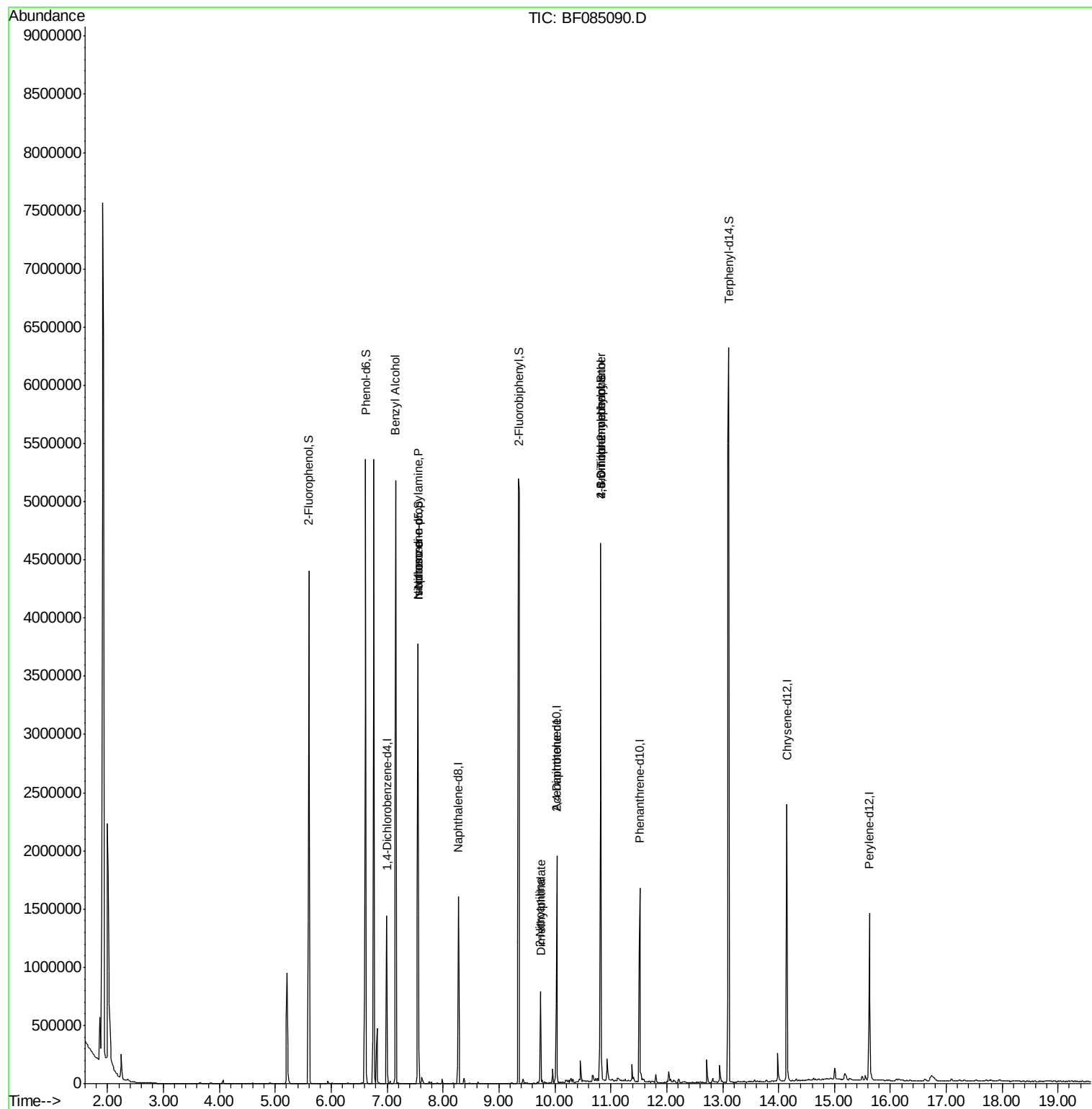
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	199111	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	720985	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	393856	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	779794	20.00	ng	0.00
75) Chrysene-d12	14.15	240	762281	20.00	ng	-0.01
86) Perylene-d12	15.62	264	703013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1762279	154.69	ng	0.01
7) Phenol-d6	6.62	99	2215648	154.70	ng	0.00
23) Nitrobenzene-d5	7.55	82	1278720	108.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	639370	152.91	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2624172	98.46	ng	0.00
78) Terphenyl-d14	13.11	244	2807983	103.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.15	79	25100	2.39	ng	# 44
19) n-Nitroso-di-n-propylamine	7.55	70	182101	18.62	ng	# 71
25) Isophorone	7.55	82	1264624	51.44	ng	# 67
47) 2-Nitroaniline	9.74	65	4457	4.60	ng	# 1
49) Dimethylphthalate	9.75	163	479183	16.58	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	51132	6.82	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.82	198	1741	6.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	48977	5.38	ng	# 1

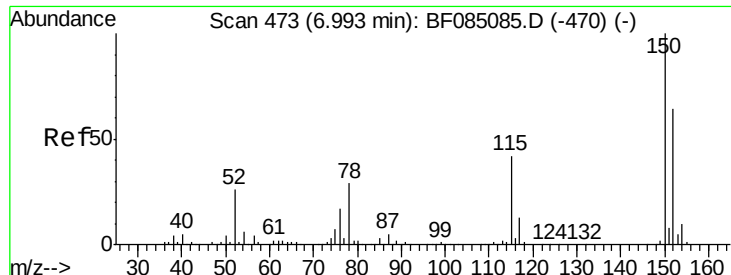
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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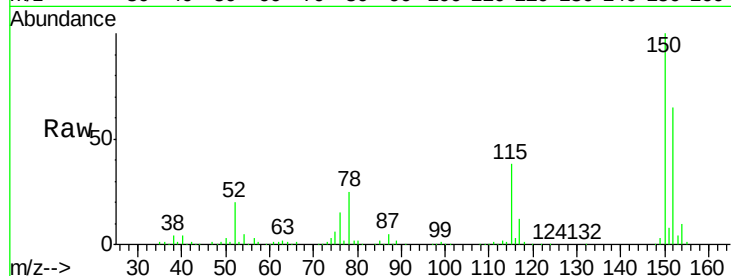


#1

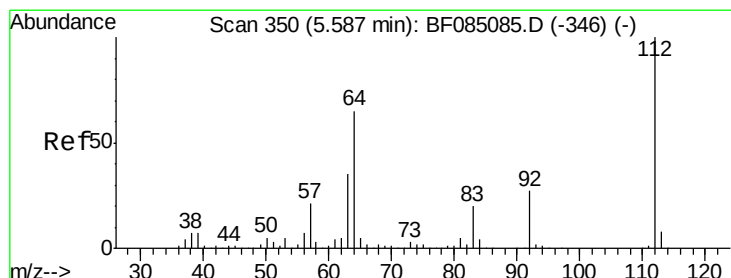
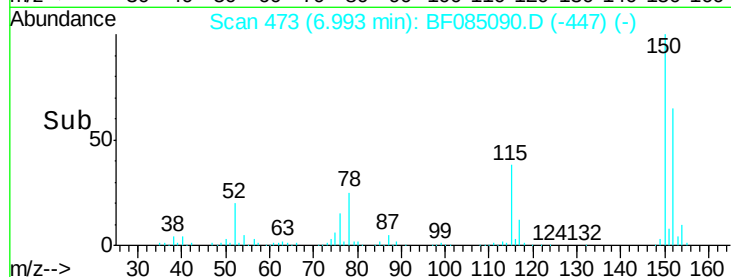
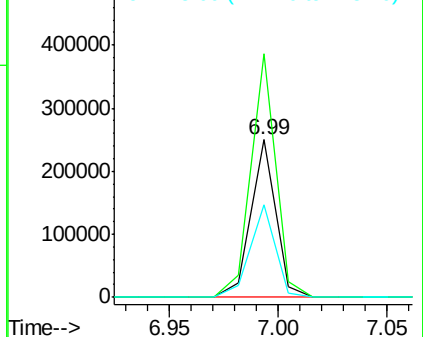
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 199111
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 58.5 50.5 75.7



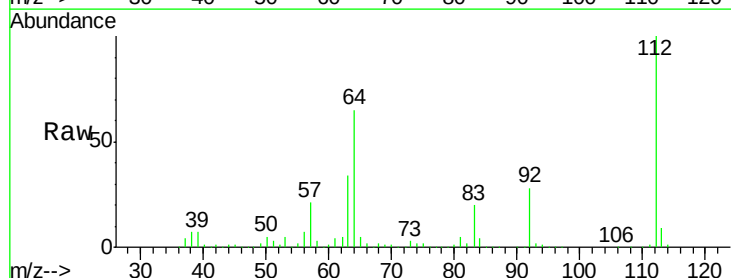
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



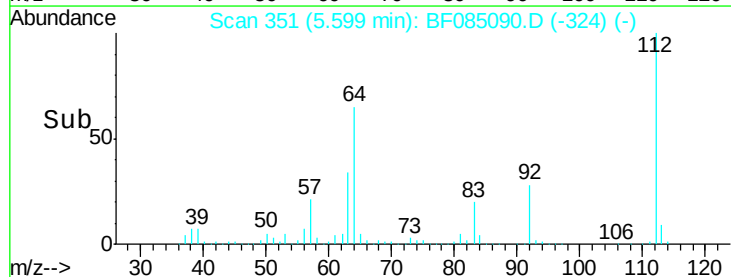
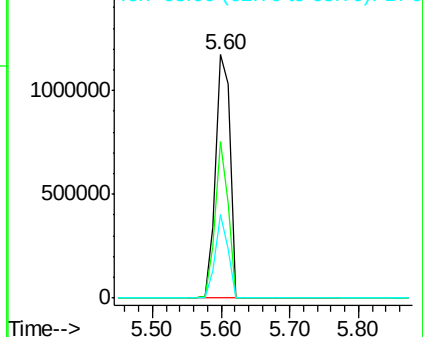
#5

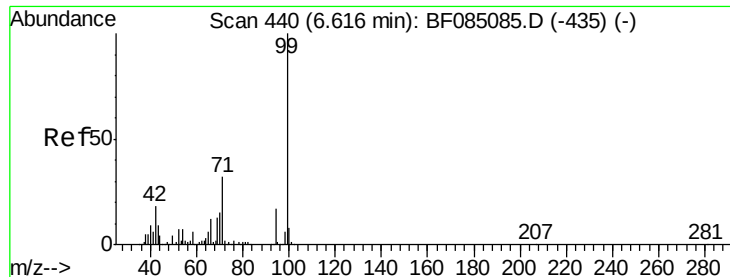
2-Fluorophenol
Concen: 154.69 ng
RT: 5.60 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

Tgt Ion:112 Resp: 1762279
Ion Ratio Lower Upper
112 100
64 64.5 45.4 68.2
63 34.4 23.2 34.8



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: 154.70 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

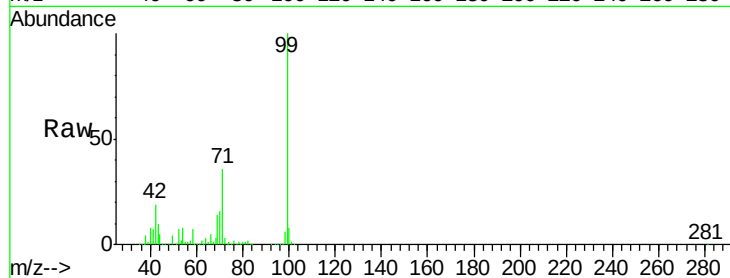
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2215648

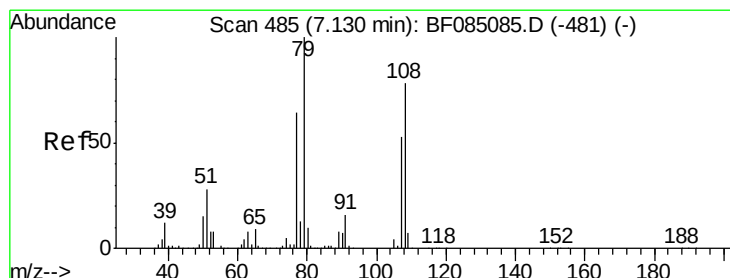
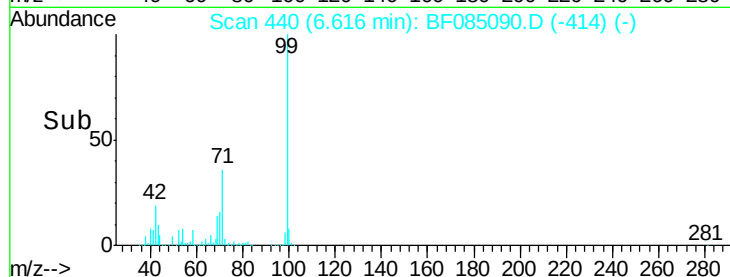
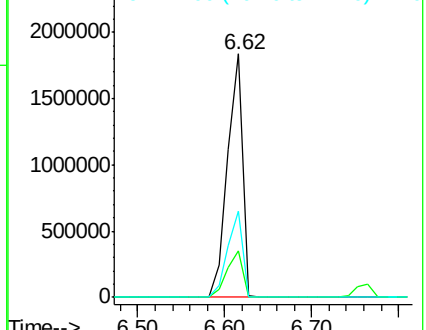
Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.0	25.4
71	35.6	28.3	42.5



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



#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 7.15 min Scan# 487

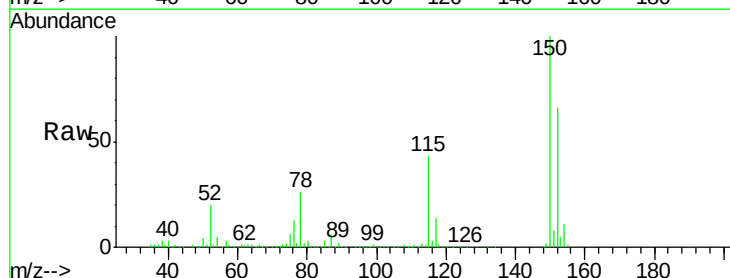
Delta R.T. 0.02 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

Tgt Ion: 79 Resp: 25100

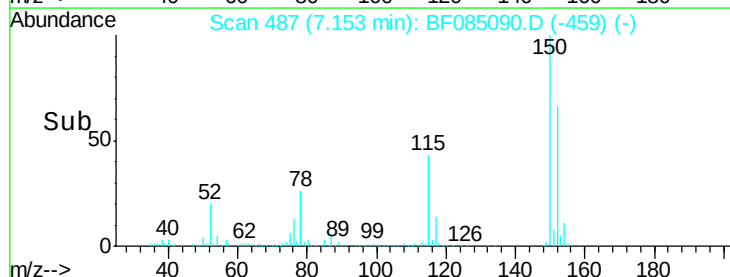
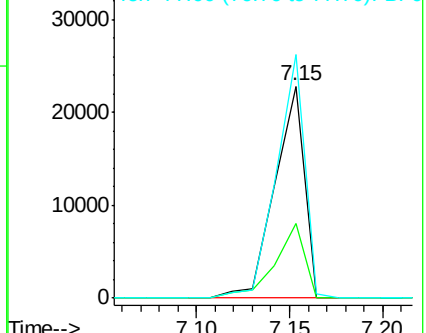
Ion	Ratio	Lower	Upper
79	100		
108	35.5	63.4	95.0#
77	114.8	51.8	77.6#

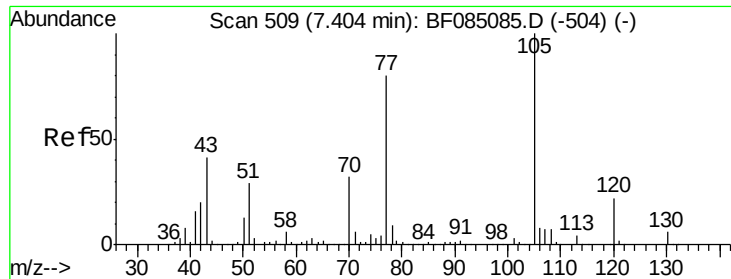


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.62 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.15 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 182101

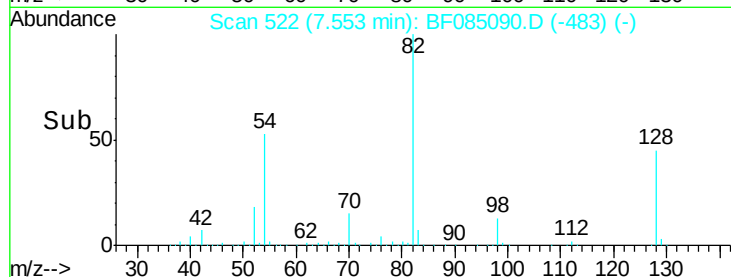
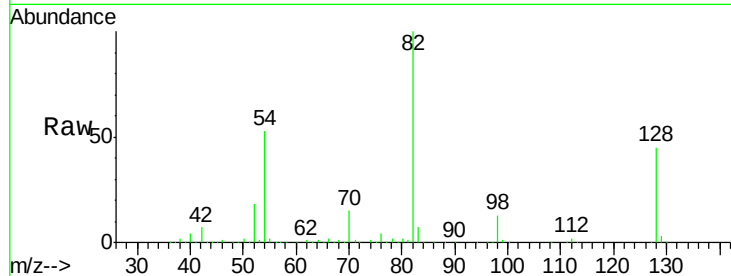
Ion Ratio Lower Upper

70 100

42 47.1 55.8 83.6#

101 0.0 7.7 11.5#

130 2.1 15.4 23.2#

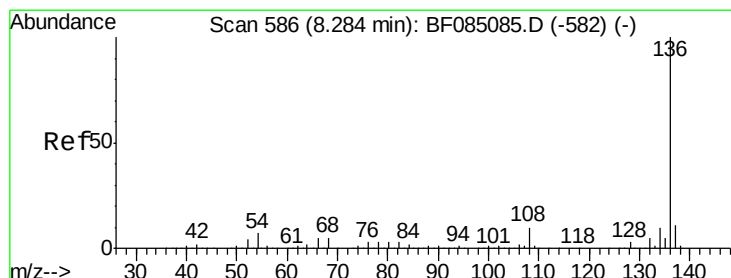
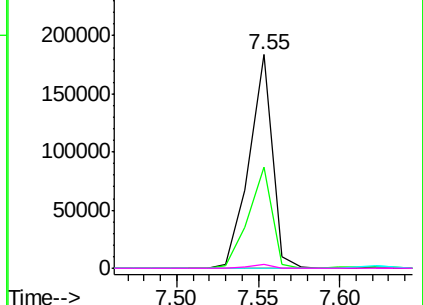


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

Tgt Ion:136 Resp: 720985

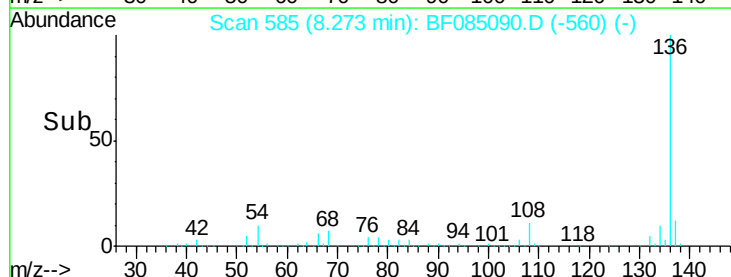
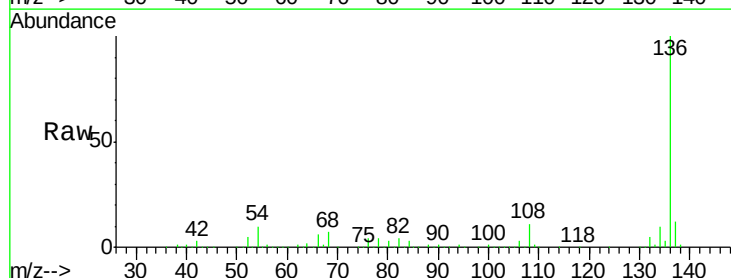
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.7 6.1 9.1#

68 7.0 3.5 5.3#

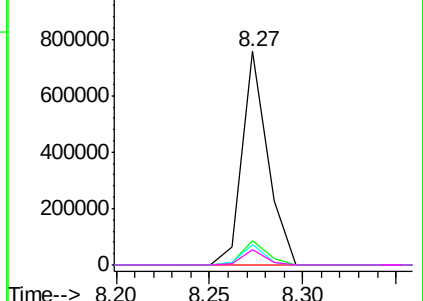


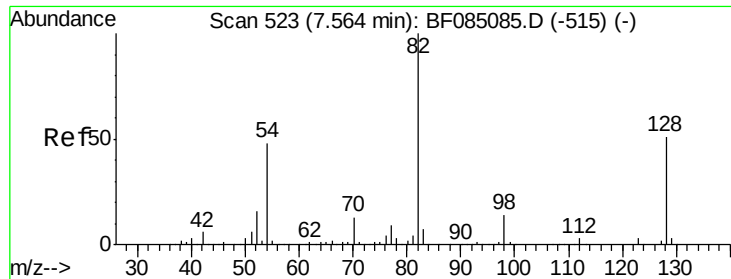
Abundance Ion 136.00 (135.70 to 136.70): E

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

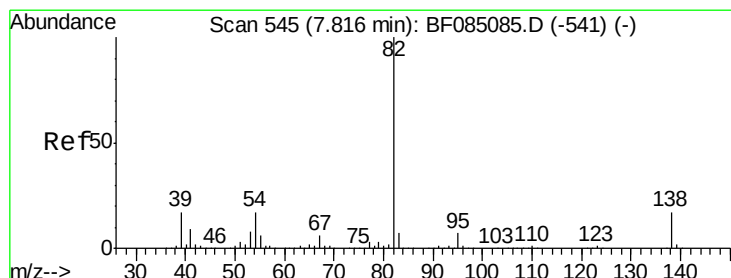
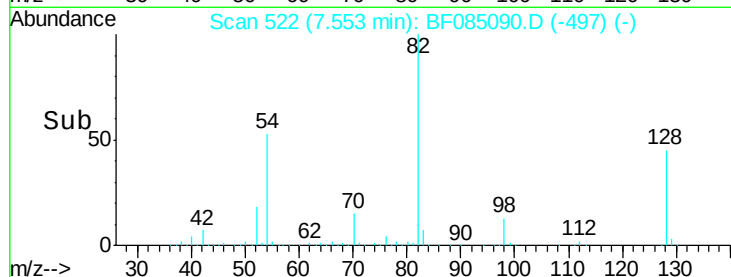
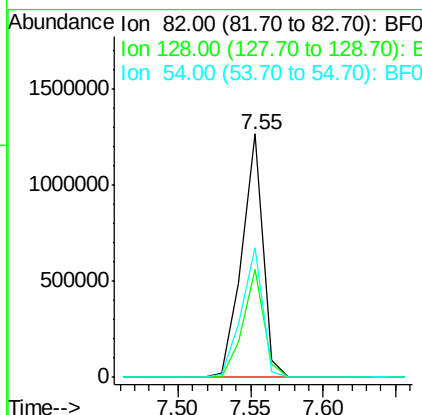
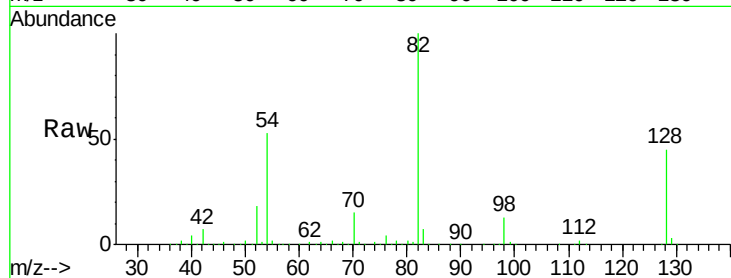




#23
Nitrobenzene-d5
Concen: 108.71 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

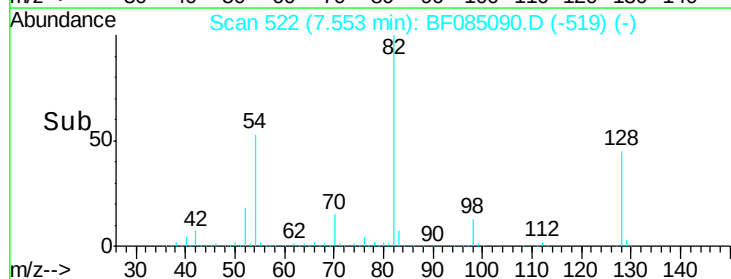
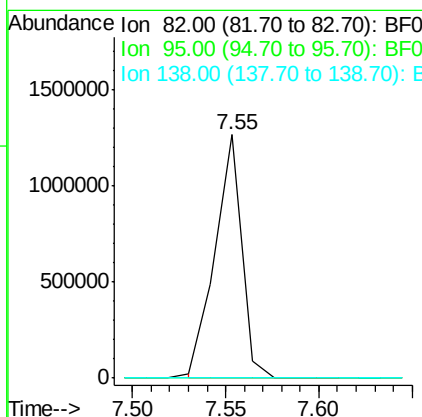
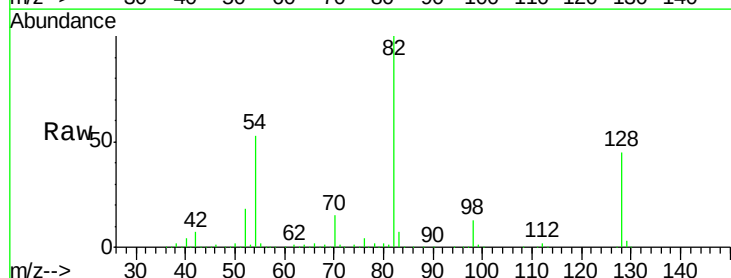
Instrument :
BNA_F
ClientSampleId :

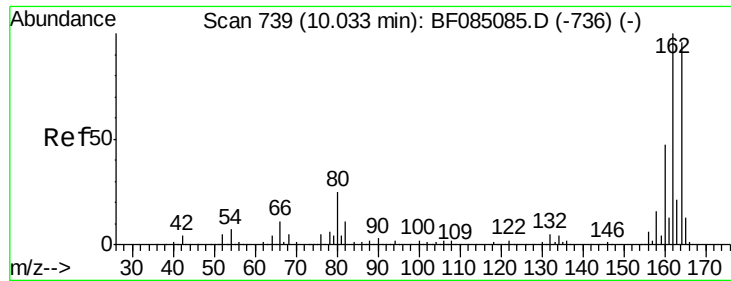
Tot Ion: 82 Resp: 1278720
Ion Ratio Lower Upper
82 100
128 44.5 36.8 55.2
54 53.1 44.4 66.6



#25
Isophorone
Concen: 51.44 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.26 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

Tgt Ion: 82 Resp: 1264624
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.1 19.7#

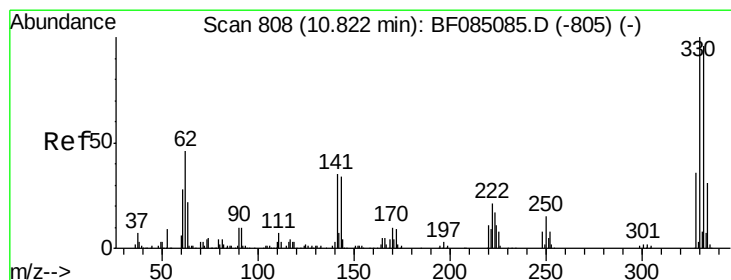
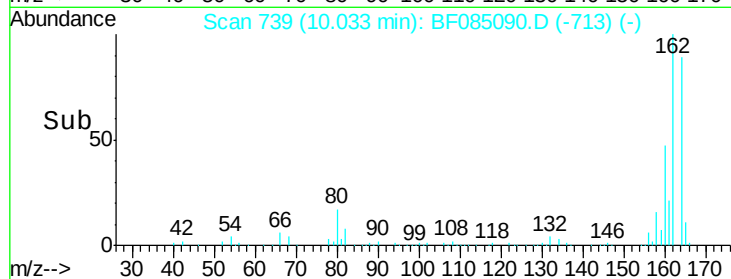
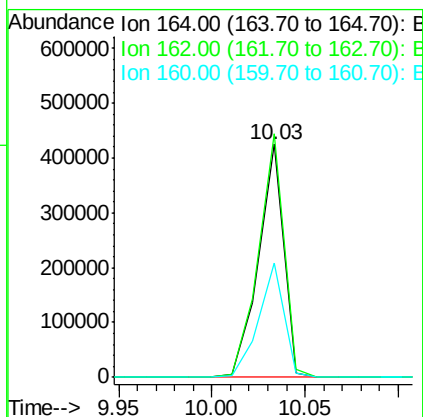
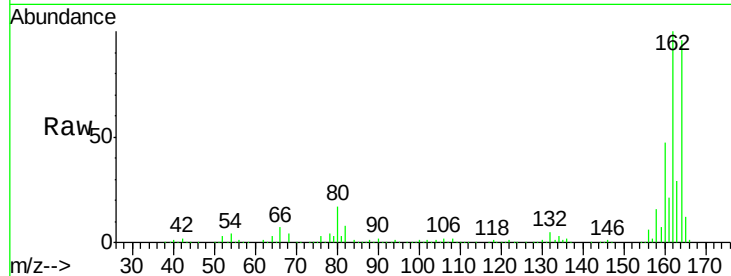




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

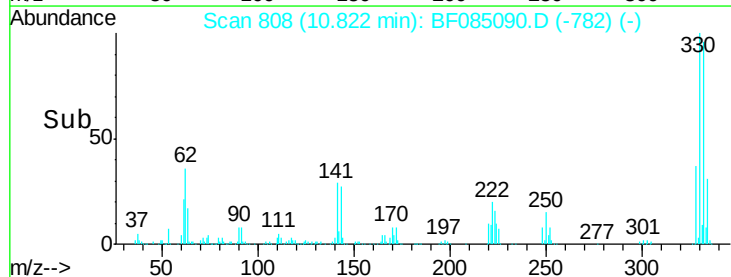
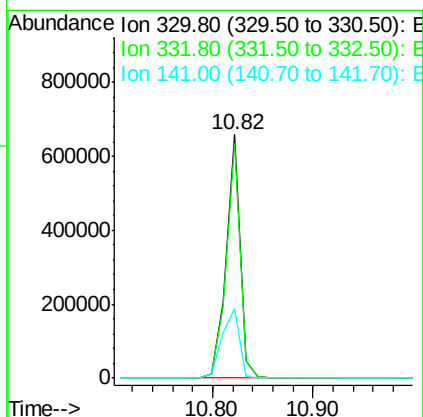
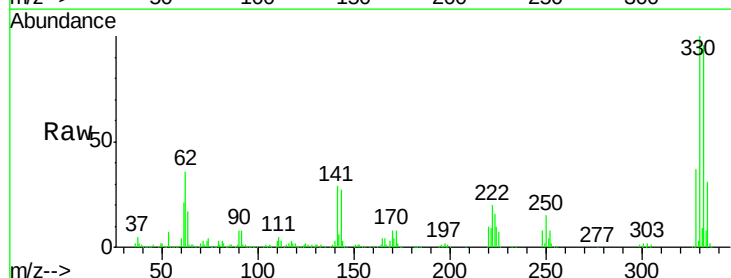
Instrument :
BNA_F
ClientSampleId :

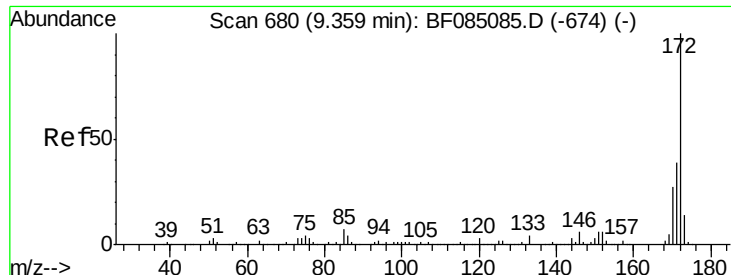
Tot Ion:164 Resp: 393856
Ion Ratio Lower Upper
164 100
162 104.5 81.1 121.7
160 49.3 37.4 56.0



#41
2,4,6-Tribromophenol
Concen: 152.91 ng
RT: 10.82 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

Tgt Ion:330 Resp: 639370
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 35.7 28.6 42.8

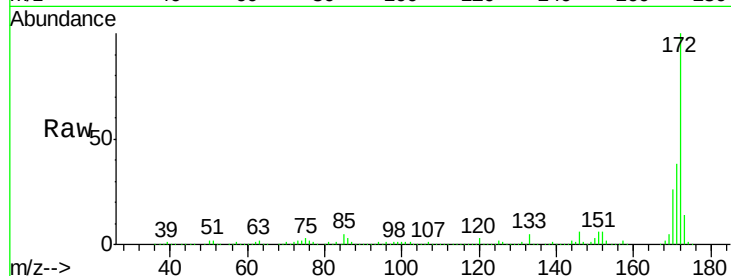




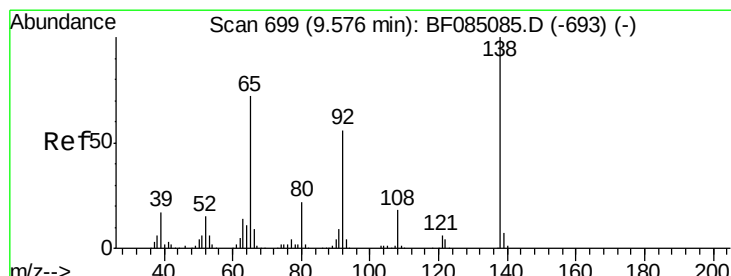
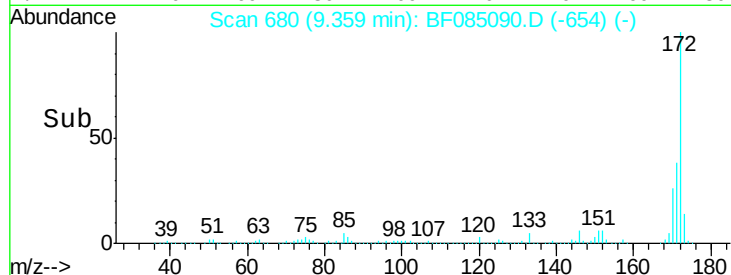
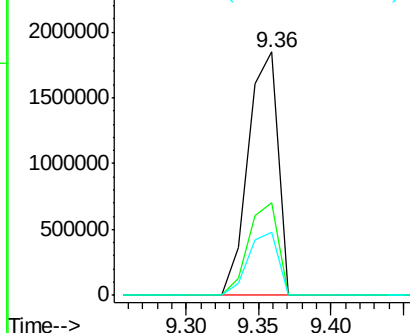
#44
 2-Fluorobiphenyl
 Concen: 98.46 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085090.D
 Acq: 17 Feb 2016 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2624172
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.1 43.7
 170 26.1 19.6 29.4

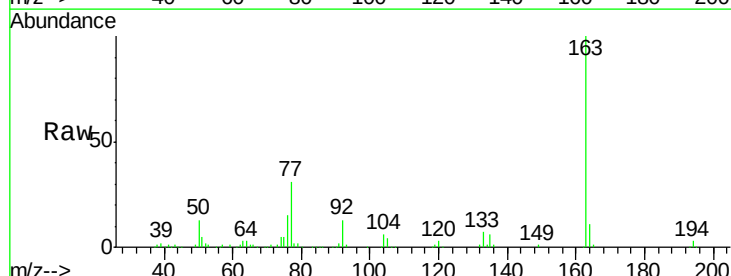


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

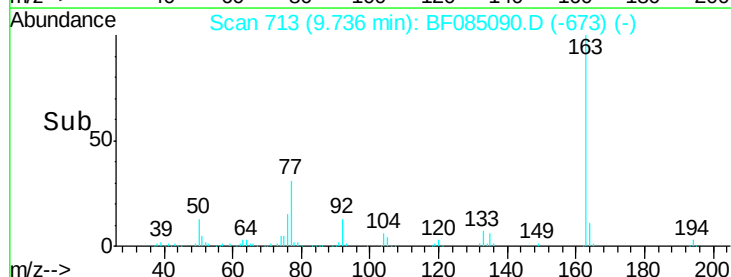
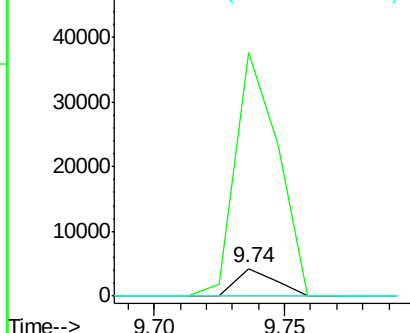


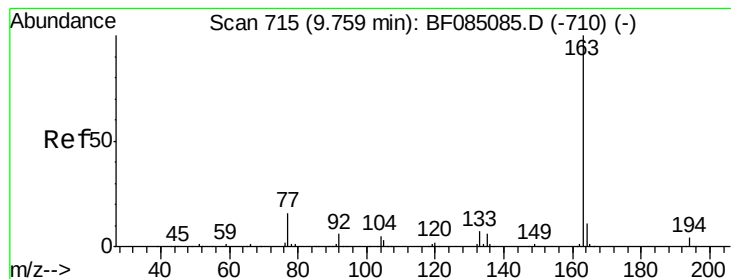
#47
 2-Nitroaniline
 Concen: 4.60 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.16 min
 Lab File: BF085090.D
 Acq: 17 Feb 2016 17:00

Tgt Ion: 65 Resp: 4457
 Ion Ratio Lower Upper
 65 100
 92 878.2 57.1 85.7#
 138 0.0 86.8 130.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 16.58 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

Instrument :

BNA_F

ClientSampled :

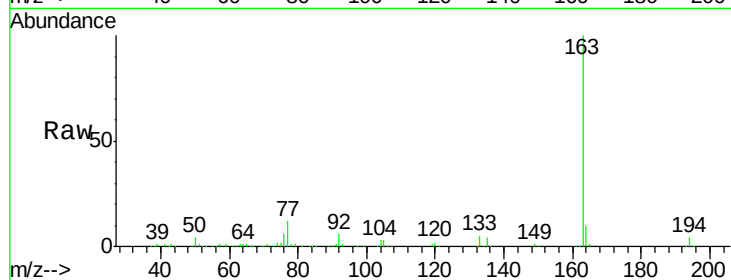
Tot Ion:163 Resp: 479183

Ion Ratio Lower Upper

163 100

194 4.0 2.5 3.7#

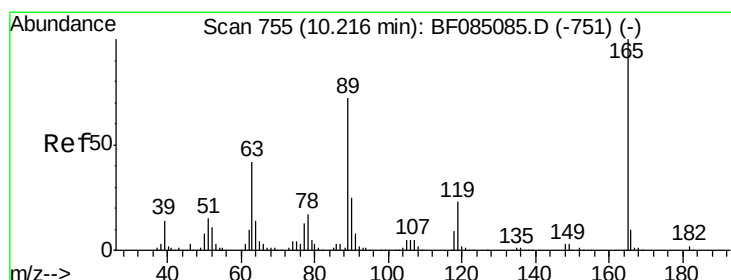
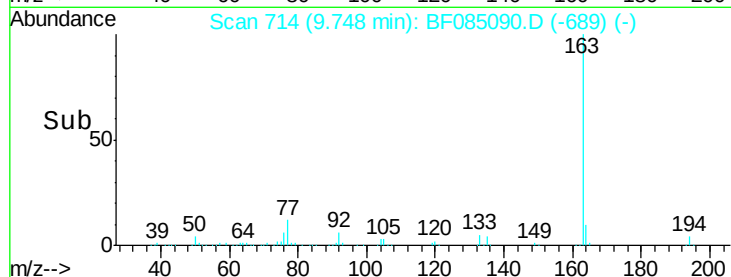
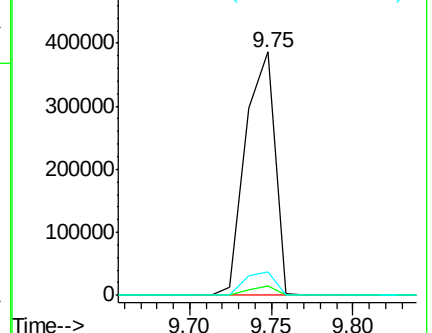
164 9.7 7.8 11.8



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: 6.82 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.18 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

Tgt Ion:165 Resp: 51132

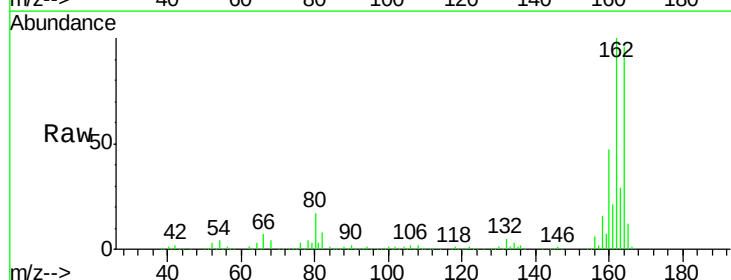
Ion Ratio Lower Upper

165 100

63 1.3 36.6 55.0#

89 1.8 54.4 81.6#

182 0.0 1.6 2.4#

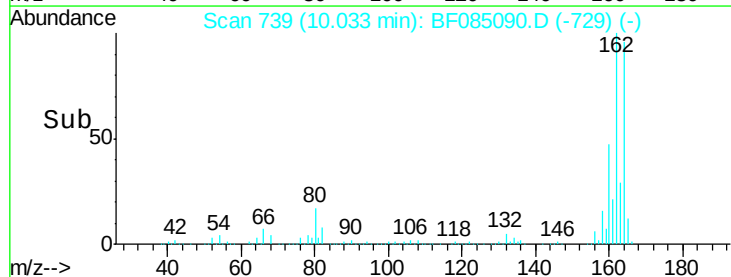
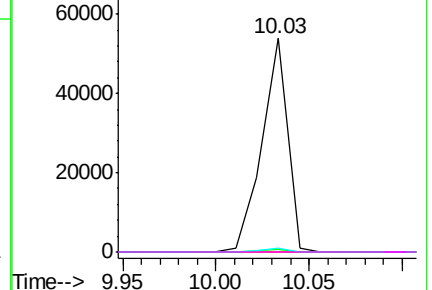


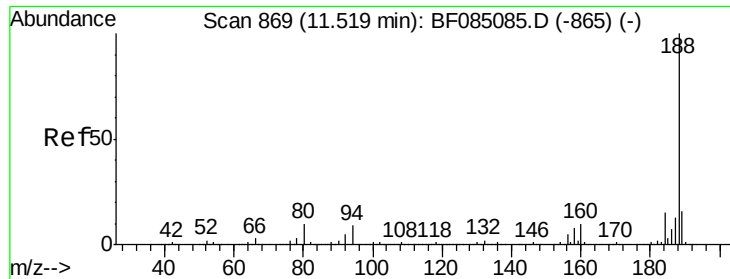
Abundance Ion 165.00 (164.70 to 165.70): E

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

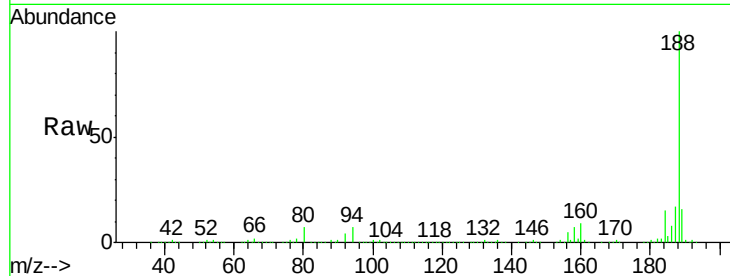




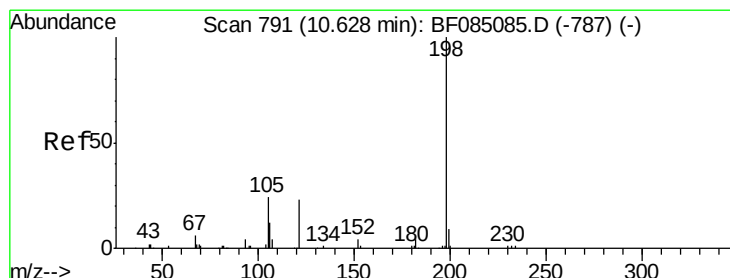
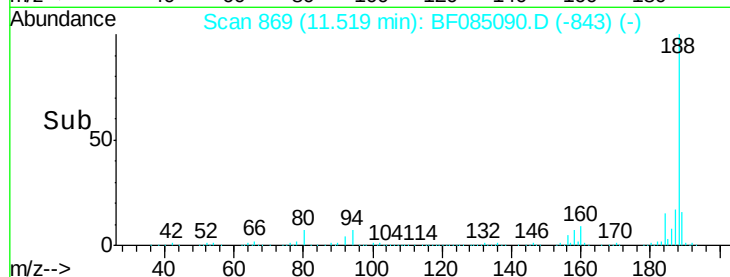
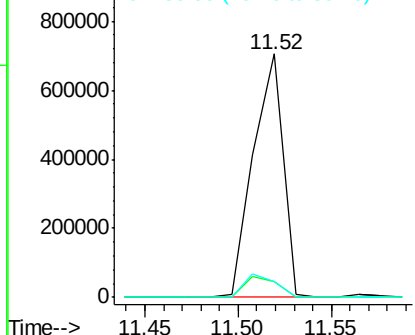
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF085090.D
 Acq: 17 Feb 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 779794
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.2 9.2
 80 6.6 6.6 9.8

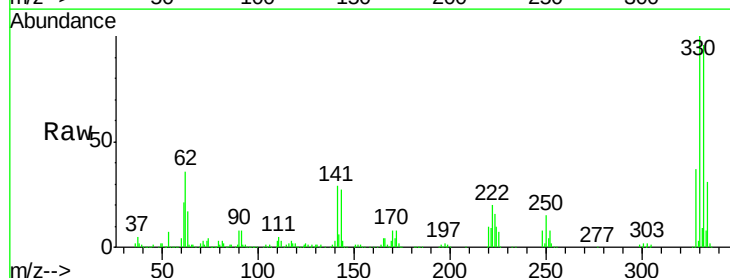


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

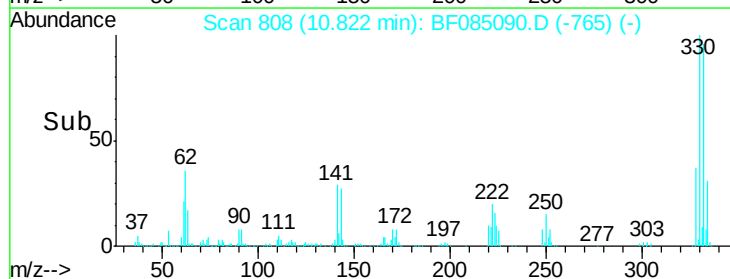
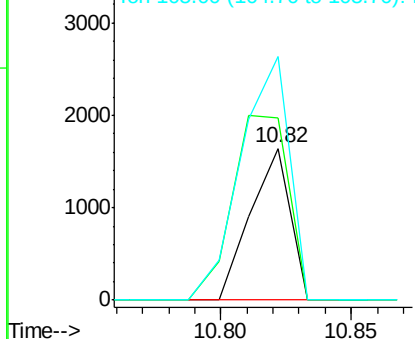


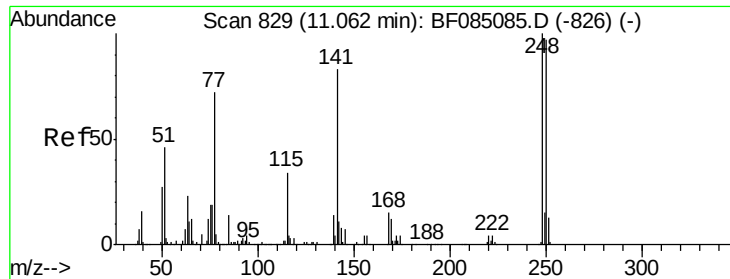
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.72 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.19 min
 Lab File: BF085090.D
 Acq: 17 Feb 2016 17:00

Tgt Ion:198 Resp: 1741
 Ion Ratio Lower Upper
 198 100
 51 120.4 34.5 74.5#
 105 160.7 26.2 66.2#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

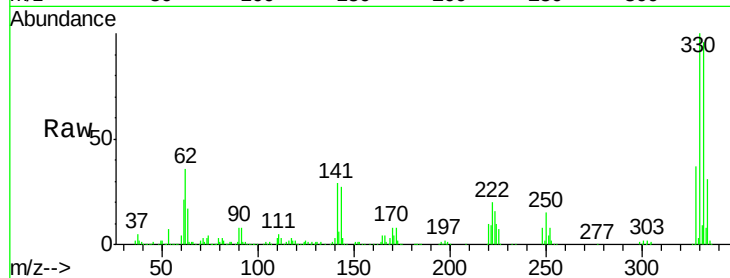




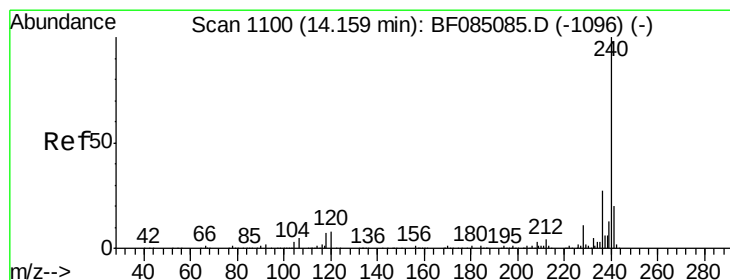
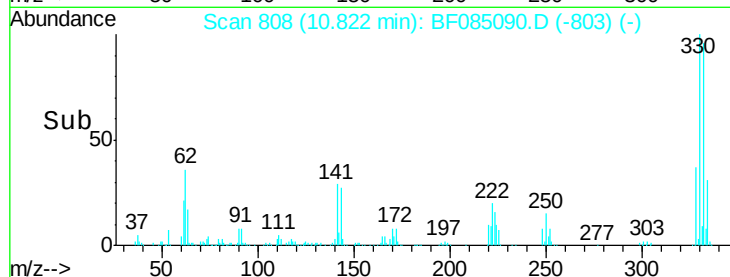
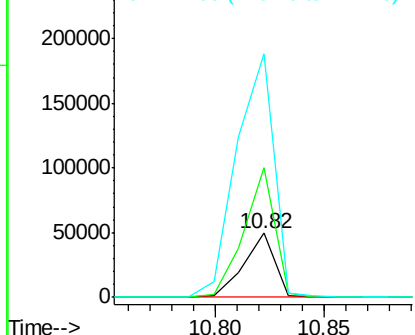
#66
4-Bromophenyl-phenylether
Concen: 5.38 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.24 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 48977
Ion Ratio Lower Upper
248 100
250 202.7 77.5 116.3#
141 378.8 58.2 87.4#

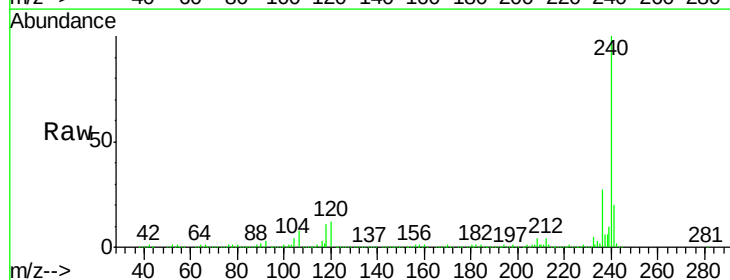


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

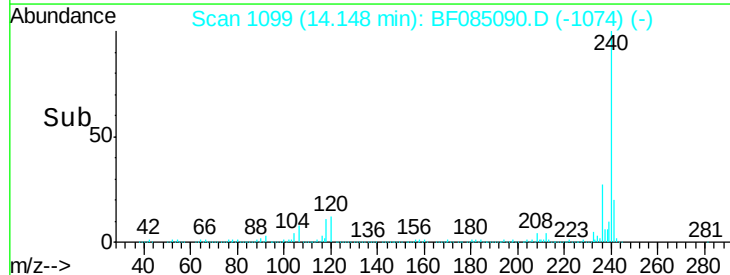
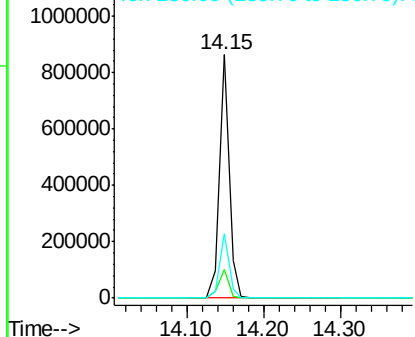


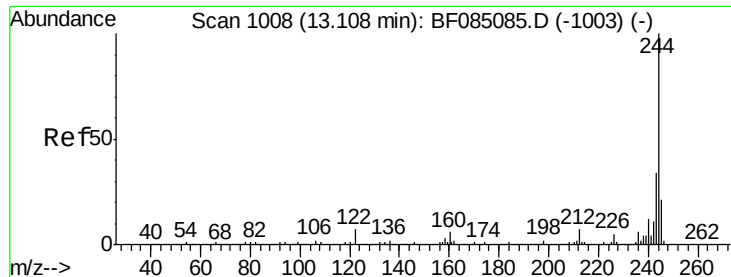
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF085090.D
Acq: 17 Feb 2016 17:00

Tgt Ion:240 Resp: 762281
Ion Ratio Lower Upper
240 100
120 11.7 7.0 10.6#
236 26.7 20.5 30.7



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: 103.17 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

Instrument :

BNA_F

ClientSampled :

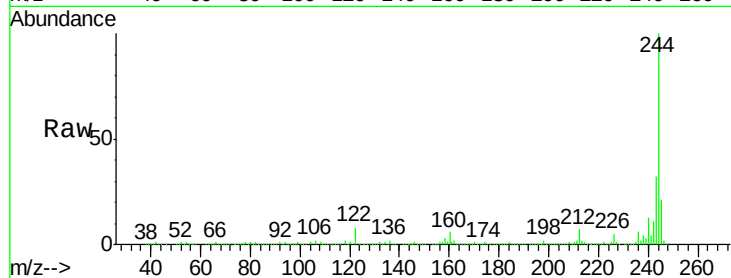
Tot Ion:244 Resp: 2807983

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

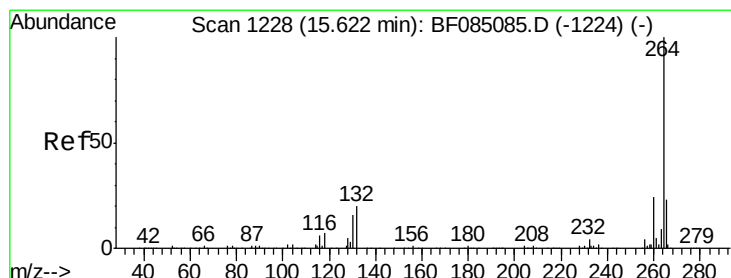
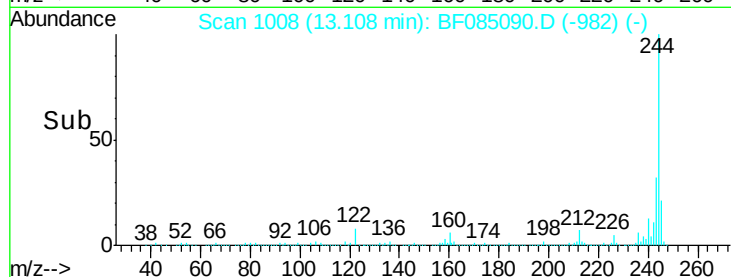
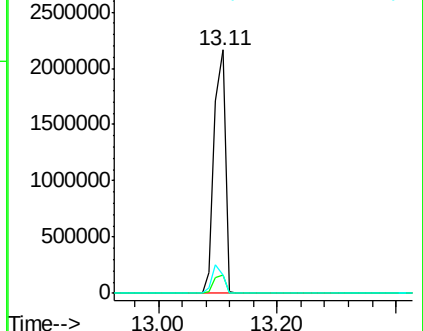
122 7.8 10.1 15.1#



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: 15.62 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF085090.D

Acq: 17 Feb 2016 17:00

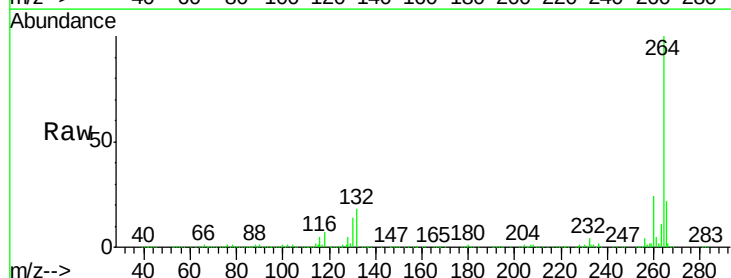
Tgt Ion:264 Resp: 703013

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.3 16.7 25.1



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

