

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085348.D
 Acq On : 10 Mar 2016 22:23
 Operator : UM/SJ
 Sample : H1744-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 23:57:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

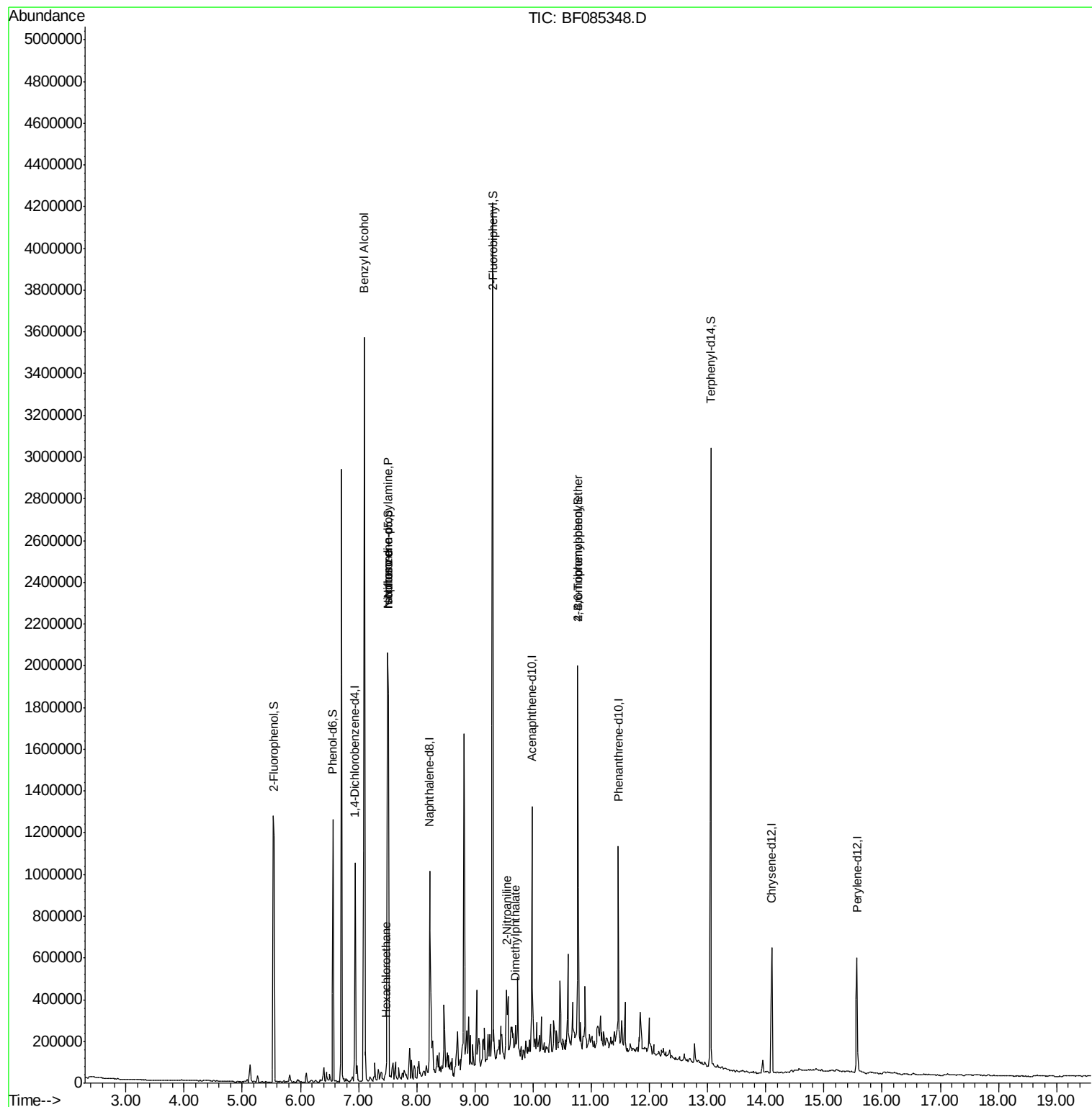
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	140948	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	540452	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	198193	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	316160	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	243075	20.00	ng	-0.05
86) Perylene-d12	15.57	264	256131	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	551266	65.60	ng	-0.03
7) Phenol-d6	6.56	99	461372	41.91	ng	-0.05
23) Nitrobenzene-d5	7.50	82	1023721	101.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	272410	160.63	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1372022	105.28	ng	-0.05
78) Terphenyl-d14	13.05	244	982374	93.82	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.10	79	19104	2.36	ng	# 44
18) Hexachloroethane	7.48	117	11434	2.85	ng	# 8
19) n-Nitroso-di-n-propylamine	7.50	70	137383	19.15	ng	# 79
25) Isophorone	7.50	82	928828	49.63	ng	# 67
47) 2-Nitroaniline	9.54	65	10705	2.68	ng	# 33
49) Dimethylphthalate	9.69	163	46219	3.04	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	17334	5.65	ng	# 1

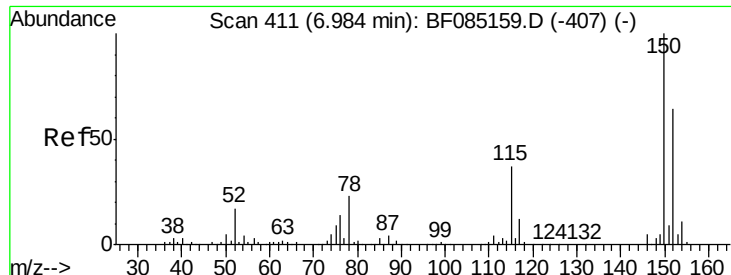
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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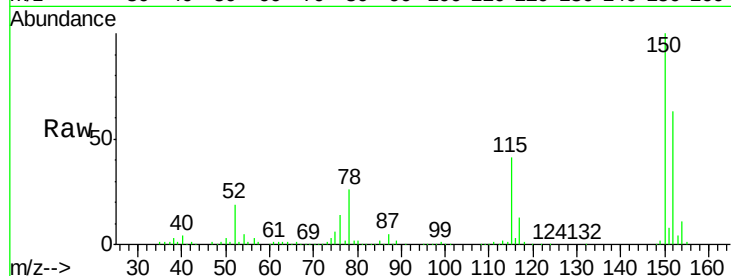


#1

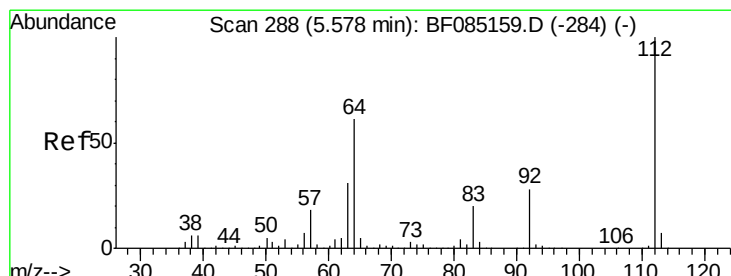
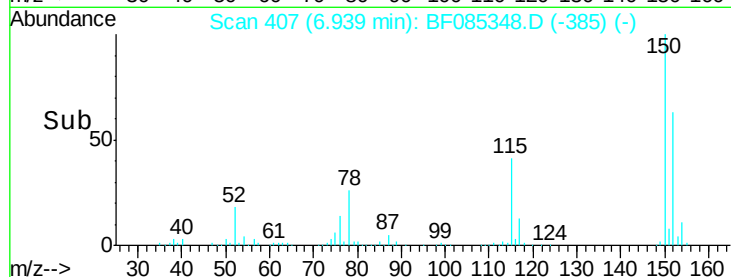
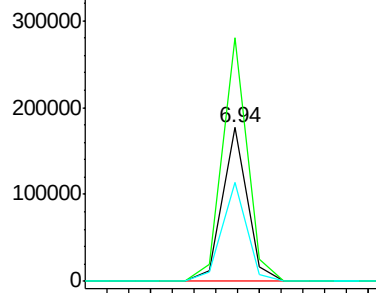
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085348.D
Acq: 10 Mar 2016 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140948
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 64.8 46.6 70.0



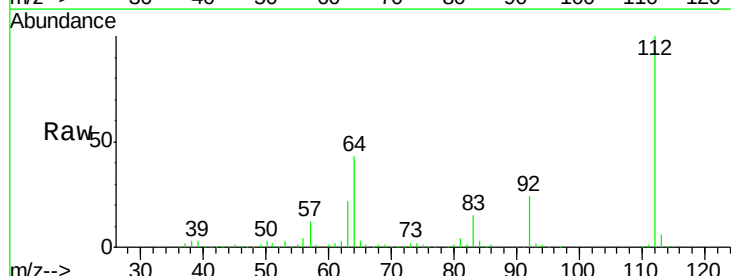
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



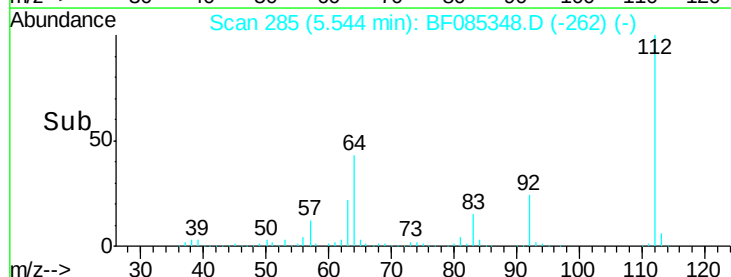
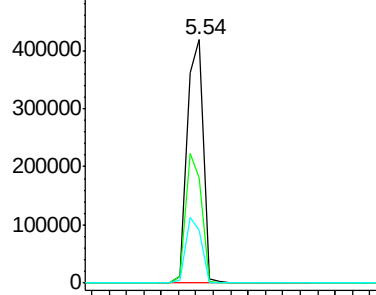
#5

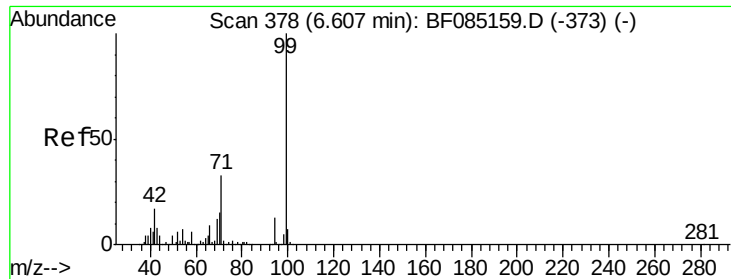
2-Fluorophenol
Concen: 65.60 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085348.D
Acq: 10 Mar 2016 22:23

Tgt Ion:112 Resp: 551266
Ion Ratio Lower Upper
112 100
64 43.1 49.0 73.4#
63 21.5 24.8 37.2#



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: 41.91 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

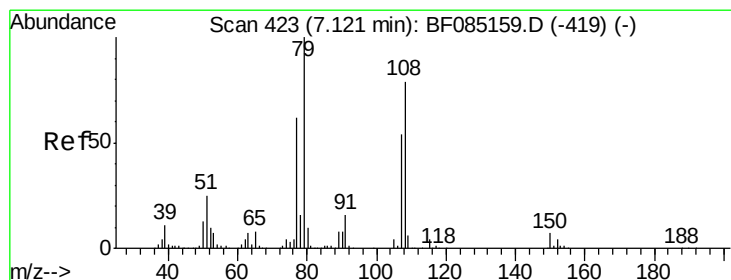
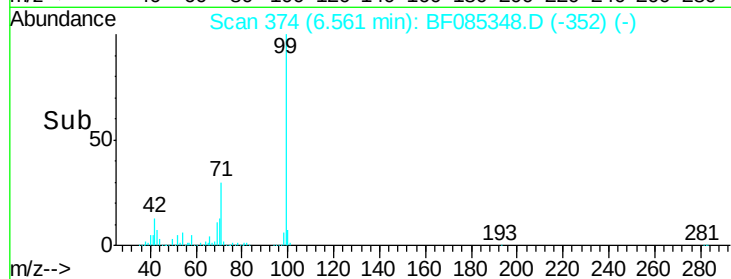
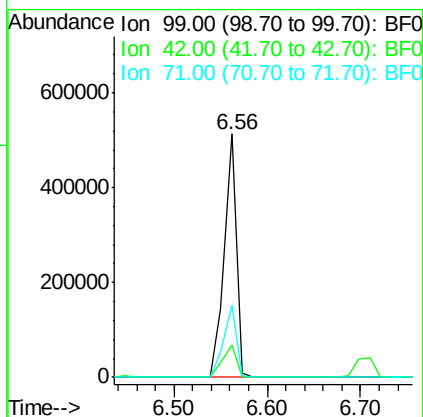
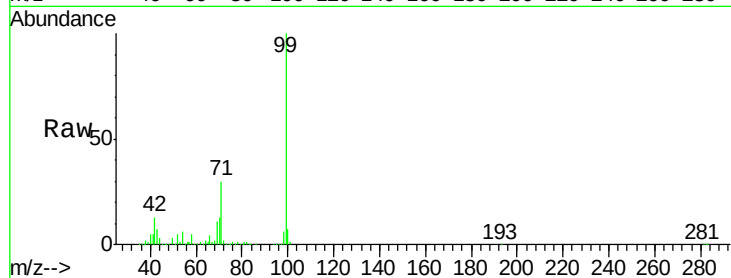
Tot Ion: 99 Resp: 461372

Ion Ratio Lower Upper

99 100

42 13.2 13.6 20.4#

71 29.8 26.7 40.1



#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

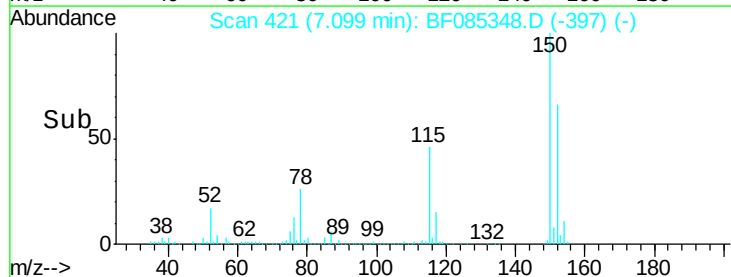
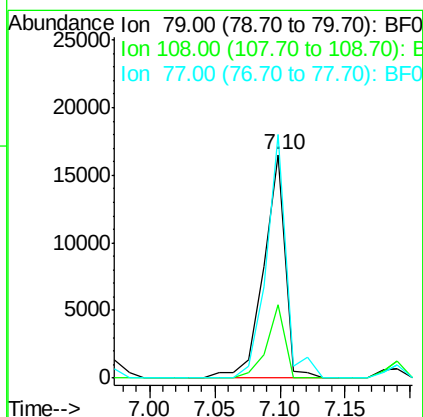
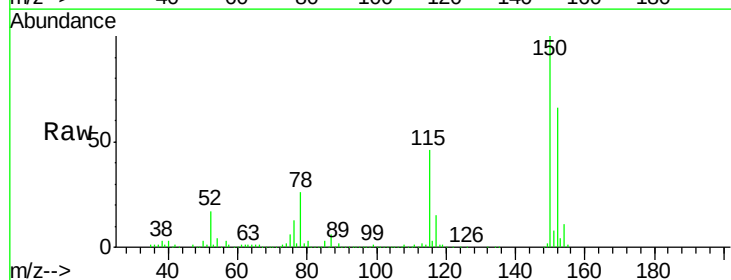
Tgt Ion: 79 Resp: 19104

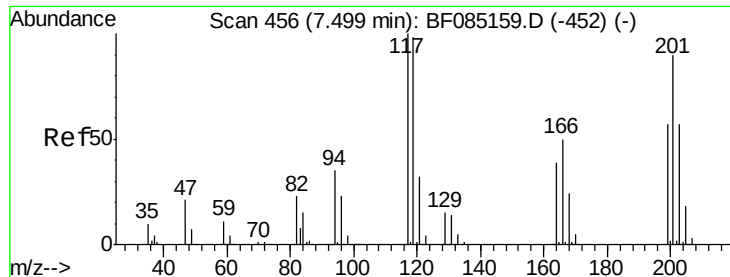
Ion Ratio Lower Upper

79 100

108 32.6 62.9 94.3#

77 109.0 49.5 74.3#





#18

Hexachloroethane

Concen: 2.85 ng

RT: 7.48 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampled :

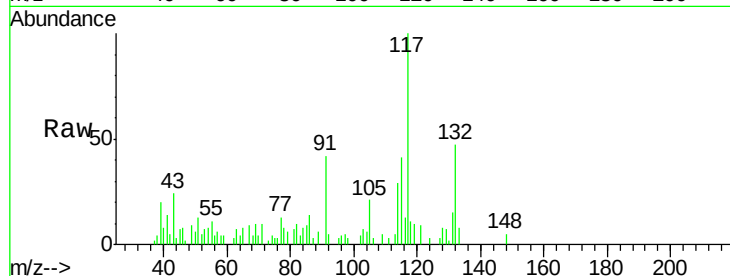
Tot Ion:117 Resp: 11434

Ion Ratio Lower Upper

117 100

119 10.1 78.2 117.4#

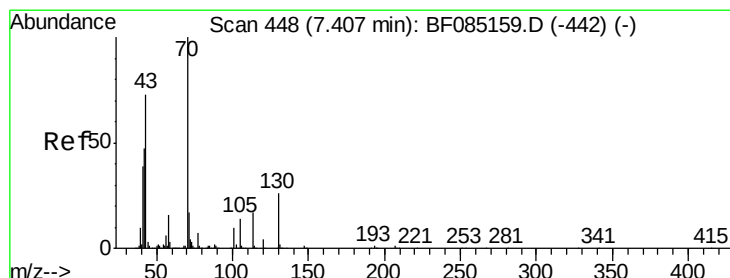
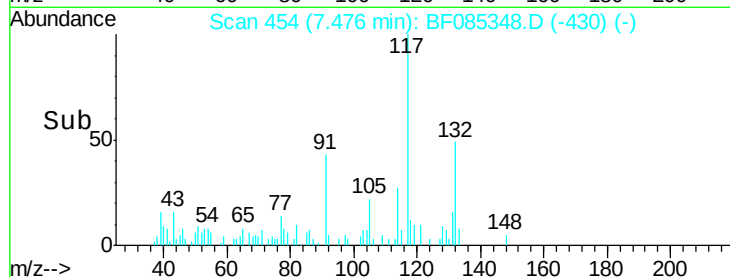
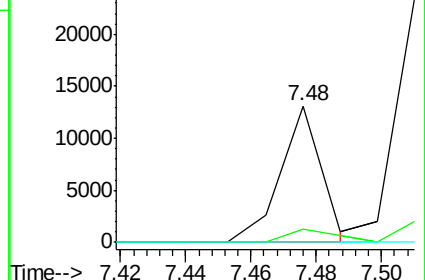
201 0.0 72.0 108.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 19.15 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Tgt Ion: 70 Resp: 137383

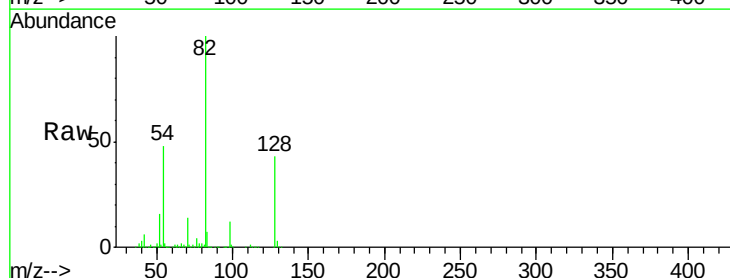
Ion Ratio Lower Upper

70 100

42 43.3 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

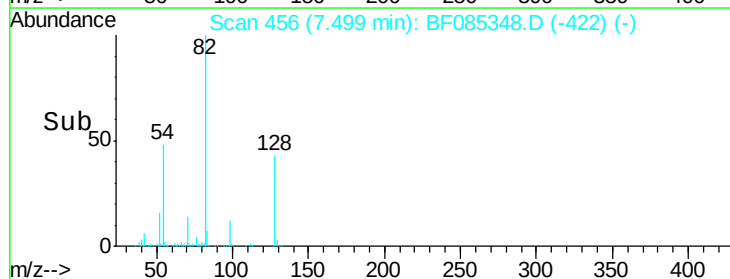
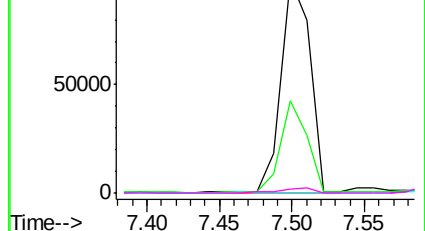


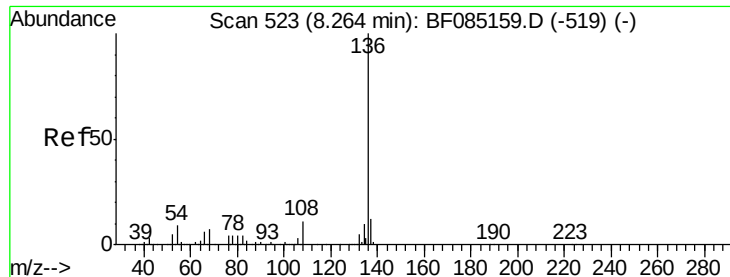
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

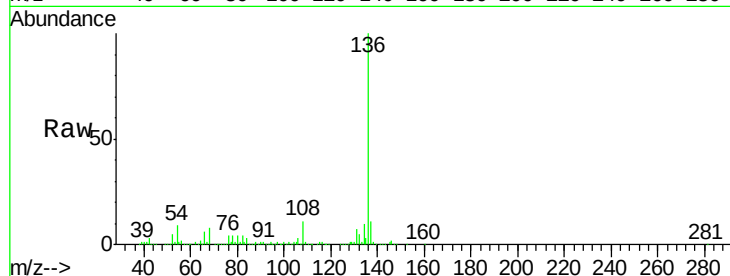




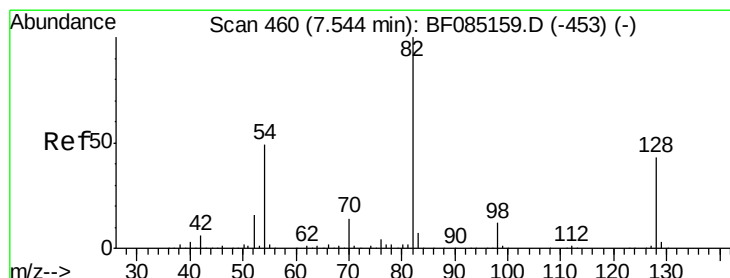
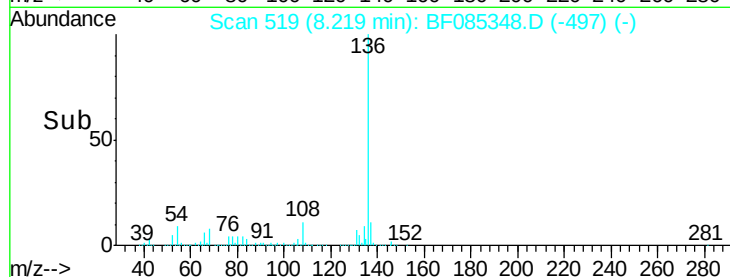
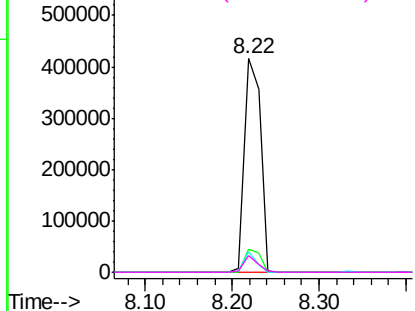
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085348.D
Acq: 10 Mar 2016 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	540452
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.3 13.9
54	9.4	7.4 11.2
68	7.7	6.0 9.0

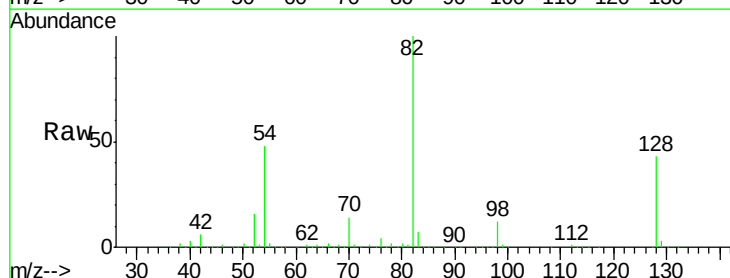


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

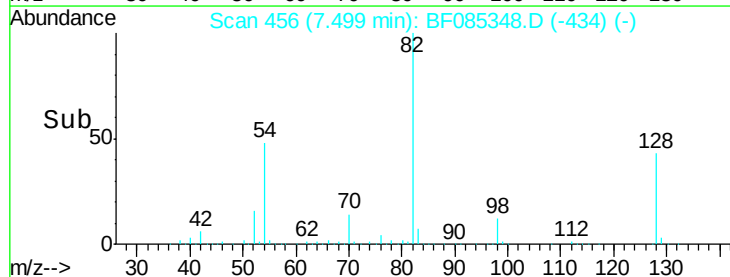
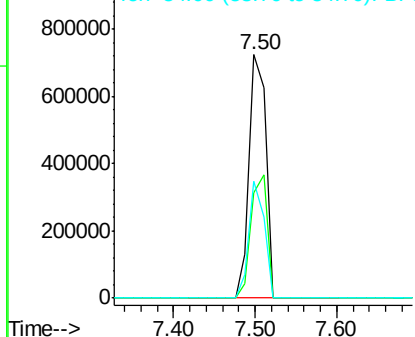


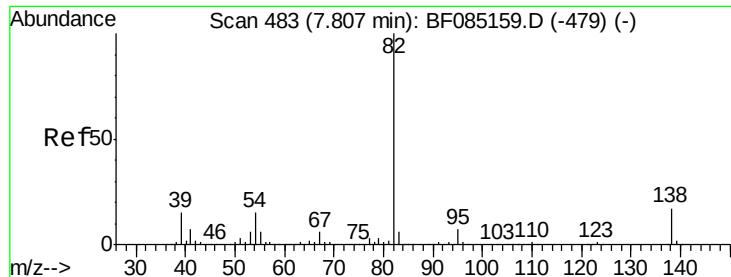
#23
Nitrobenzene-d5
Concen: 101.36 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085348.D
Acq: 10 Mar 2016 22:23

Tgt Ion: 82	Resp:	1023721
Ion	Ratio	Lower Upper
82	100	
128	43.1	34.5 51.7
54	48.0	39.3 58.9



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: 49.63 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampled :

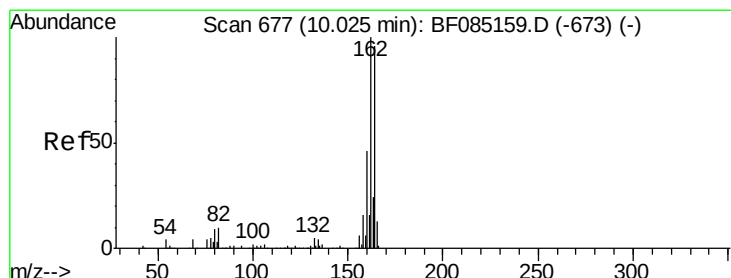
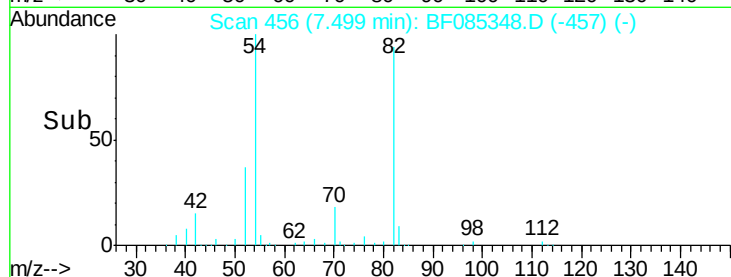
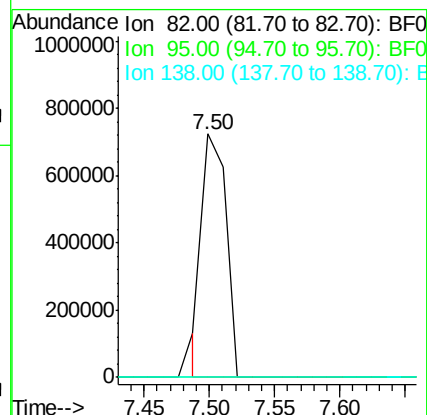
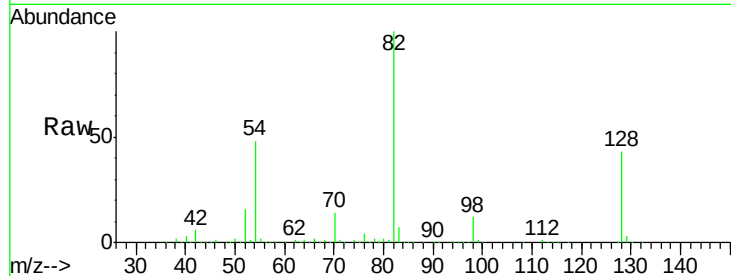
Tot Ion: 82 Resp: 928828

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 13.3 19.9#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

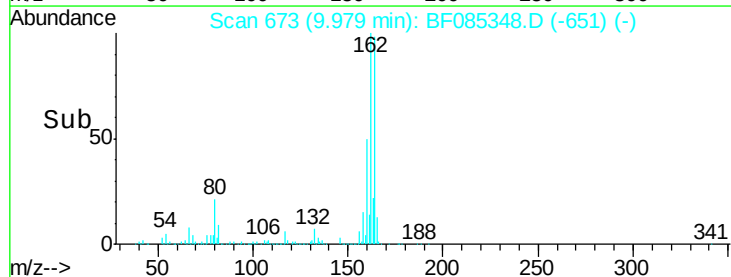
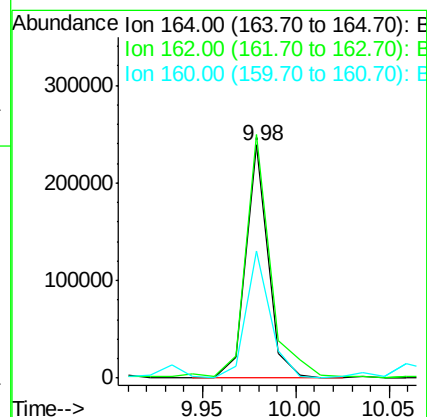
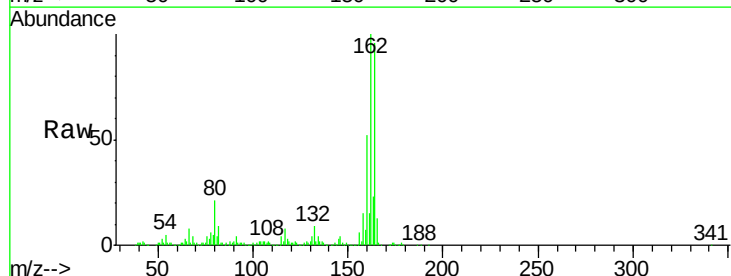
Tgt Ion:164 Resp: 198193

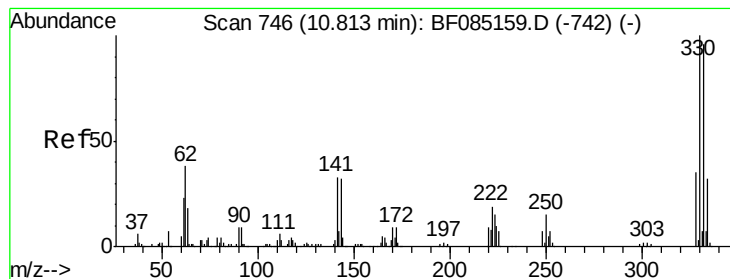
Ion Ratio Lower Upper

164 100

162 104.4 83.3 124.9

160 54.5 37.9 56.9





#41

2,4,6-Tribromophenol

Concen: 160.63 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

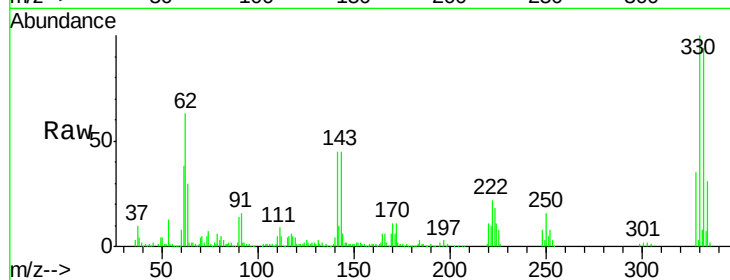
Tot Ion:330 Resp: 272410

Ion Ratio Lower Upper

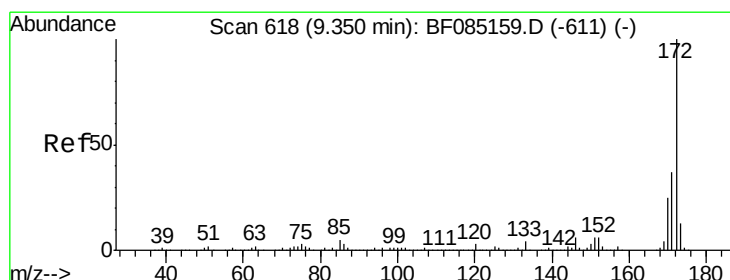
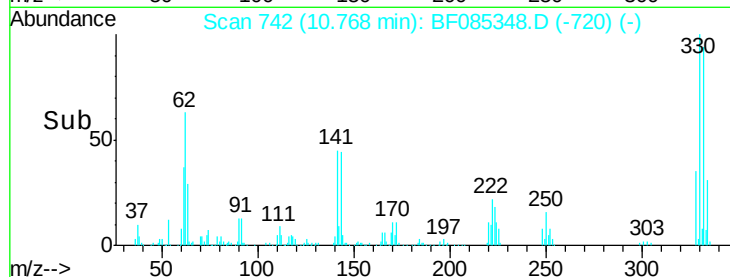
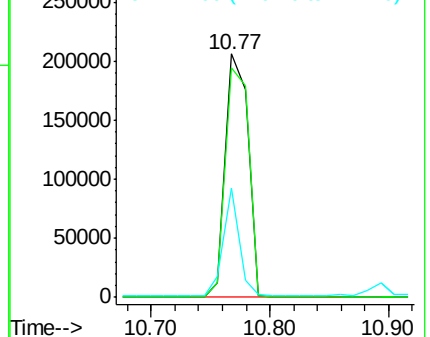
330 100

332 97.9 77.1 115.7

141 32.0 35.0 52.6#



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: 105.28 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.05 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

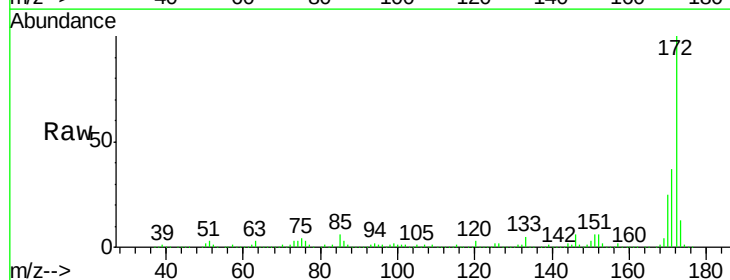
Tgt Ion:172 Resp: 1372022

Ion Ratio Lower Upper

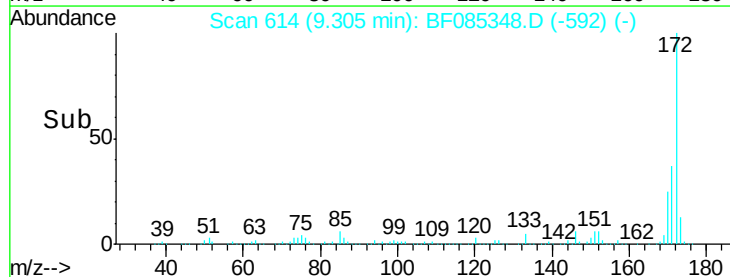
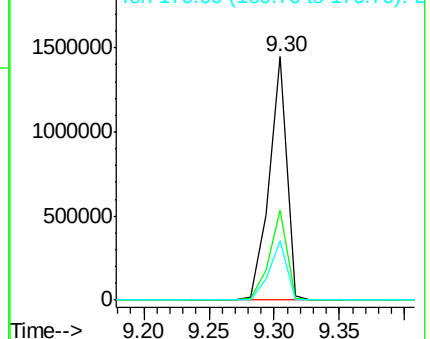
172 100

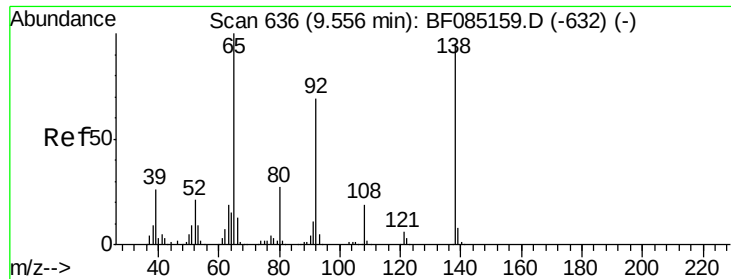
171 36.7 29.3 43.9

170 24.5 20.0 30.0



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

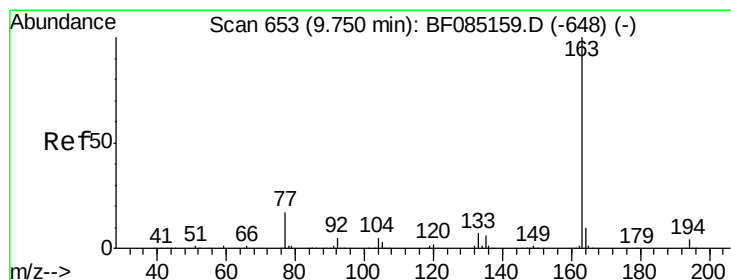
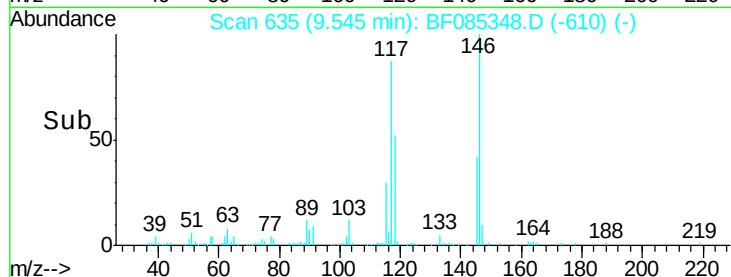
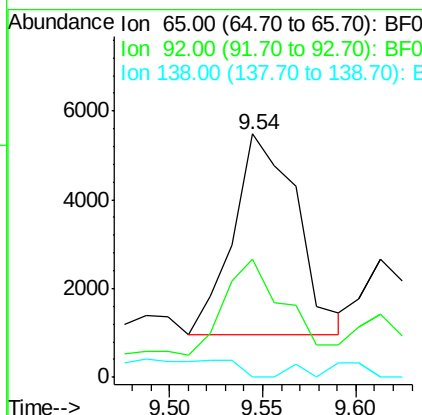
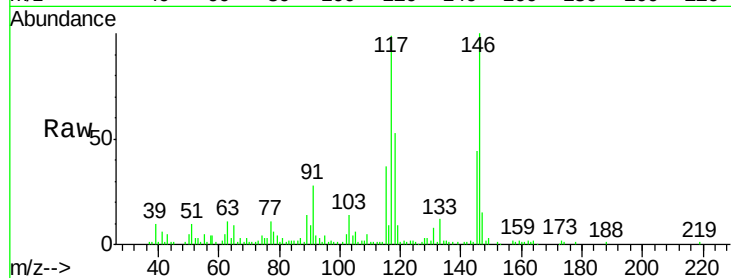




#47
2-Nitroaniline
Concen: 2.68 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF085348.D
Acq: 10 Mar 2016 22:23

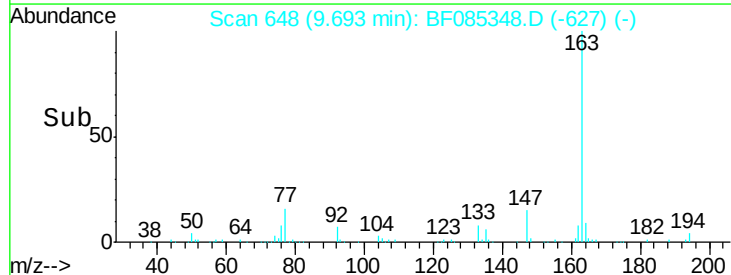
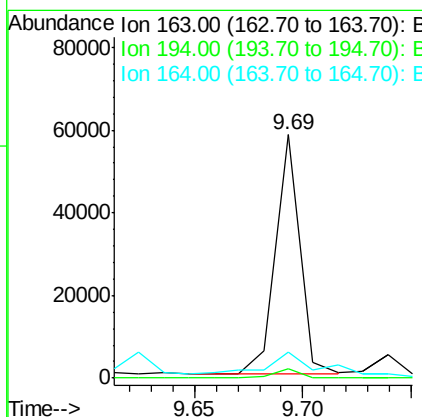
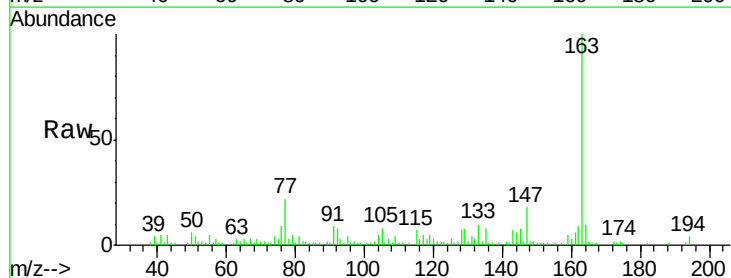
Instrument :
BNA_F
ClientSampleId :

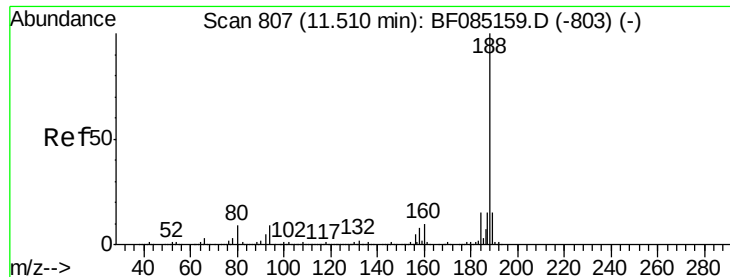
Tot Ion: 65 Resp: 10705
Ion Ratio Lower Upper
65 100
92 48.5 55.4 83.2#
138 0.0 75.7 113.5#



#49
Dimethylphthalate
Concen: 3.04 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085348.D
Acq: 10 Mar 2016 22:23

Tgt Ion: 163 Resp: 46219
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

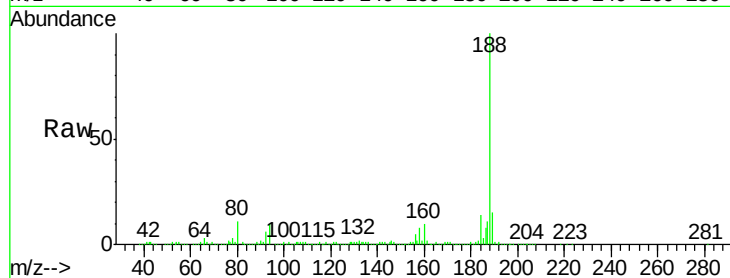
Tot Ion:188 Resp: 316160

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

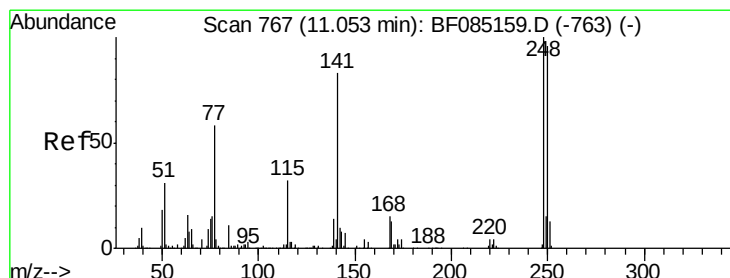
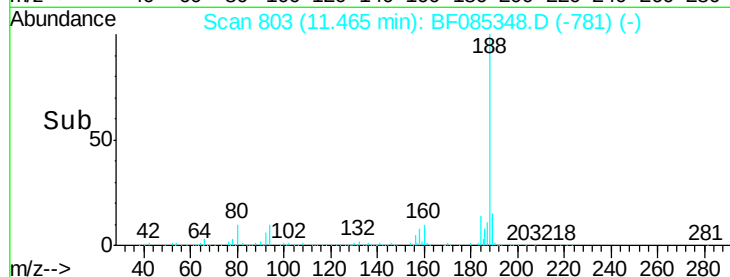
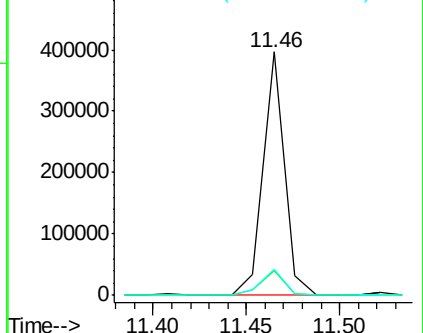
80 10.7 7.4 11.0



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: 5.65 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.29 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

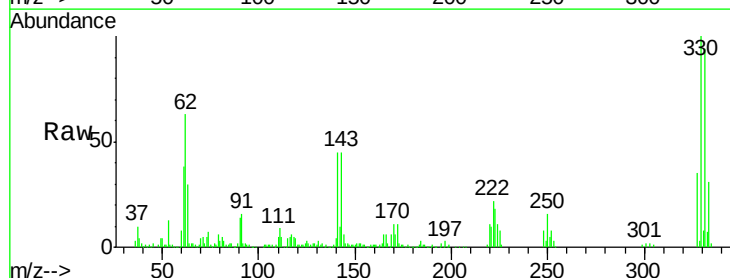
Tgt Ion:248 Resp: 17334

Ion Ratio Lower Upper

248 100

250 197.3 77.1 115.7#

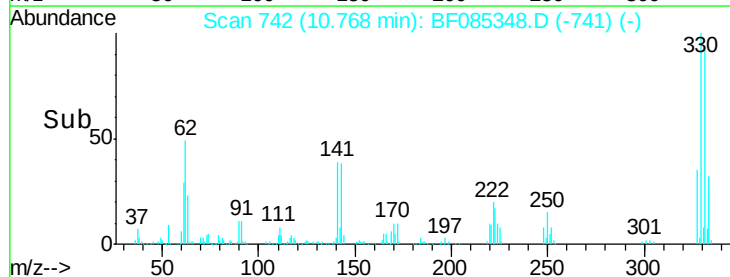
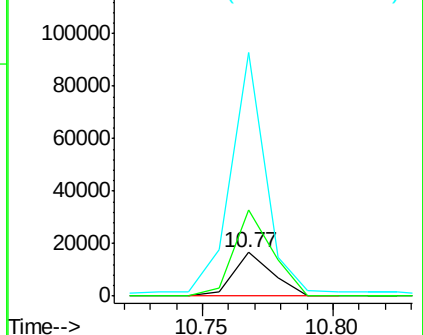
141 558.2 66.2 99.2#

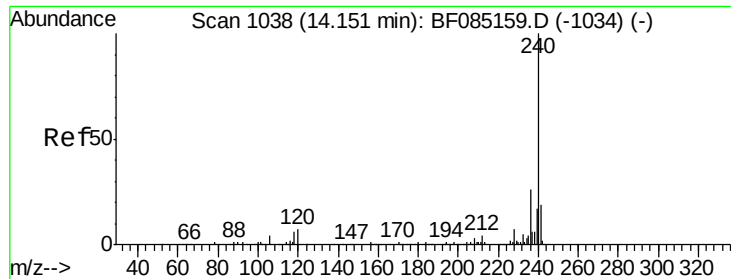


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

Instrument :

BNA_F

ClientSampleId :

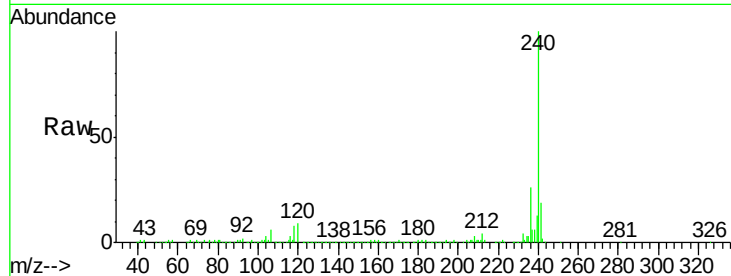
Tot Ion:240 Resp: 243075

Ion Ratio Lower Upper

240 100

120 8.7 5.3 7.9#

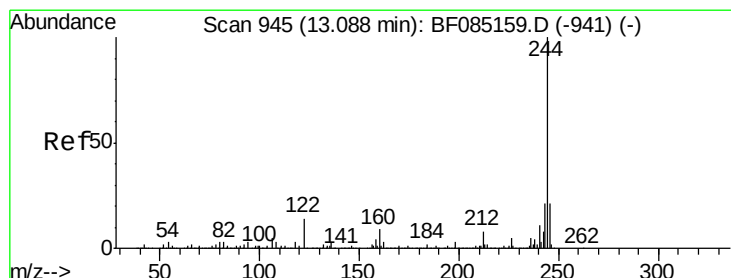
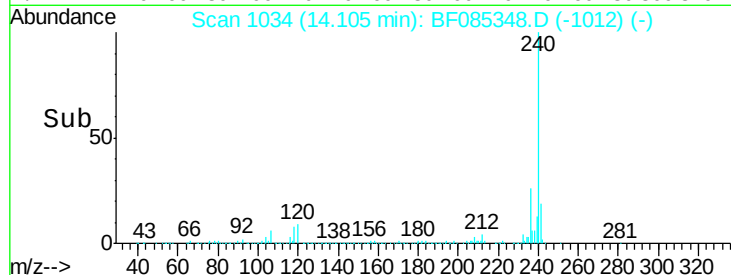
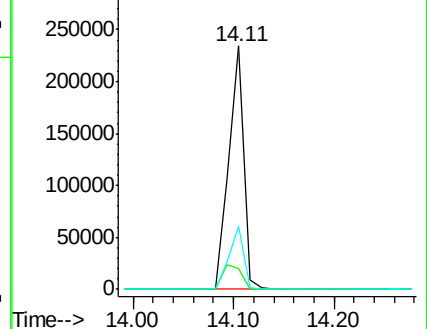
236 25.9 20.7 31.1



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: 93.82 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085348.D

Acq: 10 Mar 2016 22:23

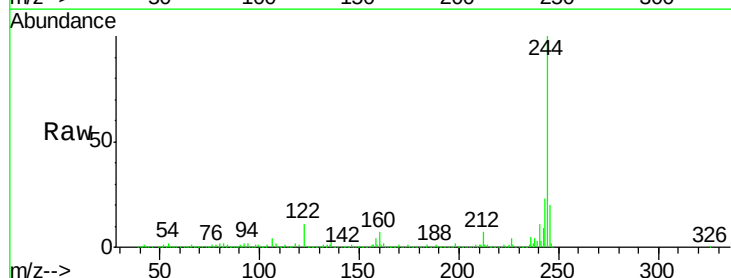
Tgt Ion:244 Resp: 982374

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

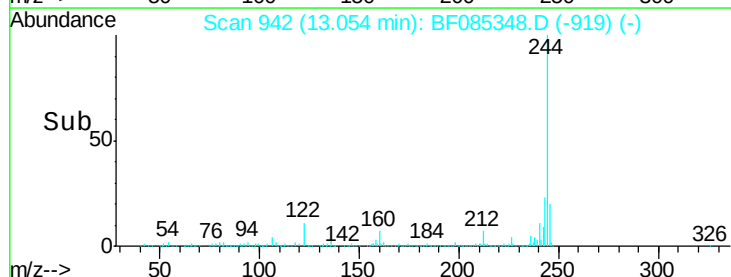
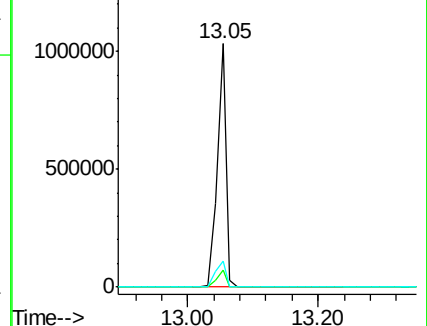
122 10.7 11.4 17.2#

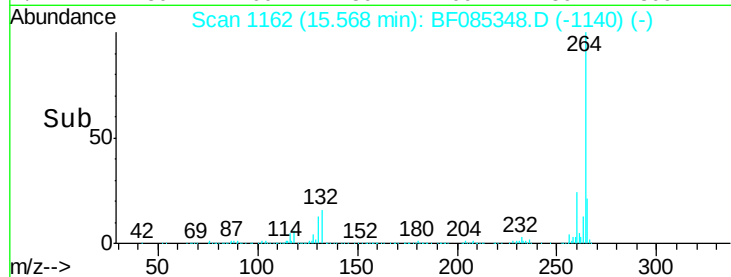
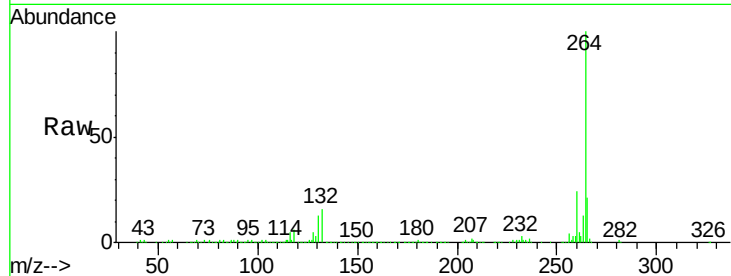
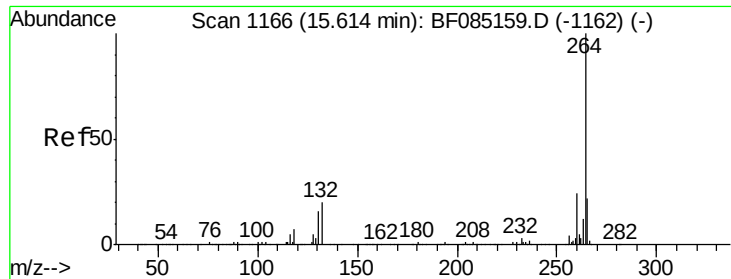


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085348.D
 Acq: 10 Mar 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.3	25.9

