

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085259.D
 Acq On : 8 Mar 2016 16:53
 Operator : UM/SJ
 Sample : H1713-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Quant Time: Mar 09 00:03:37 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

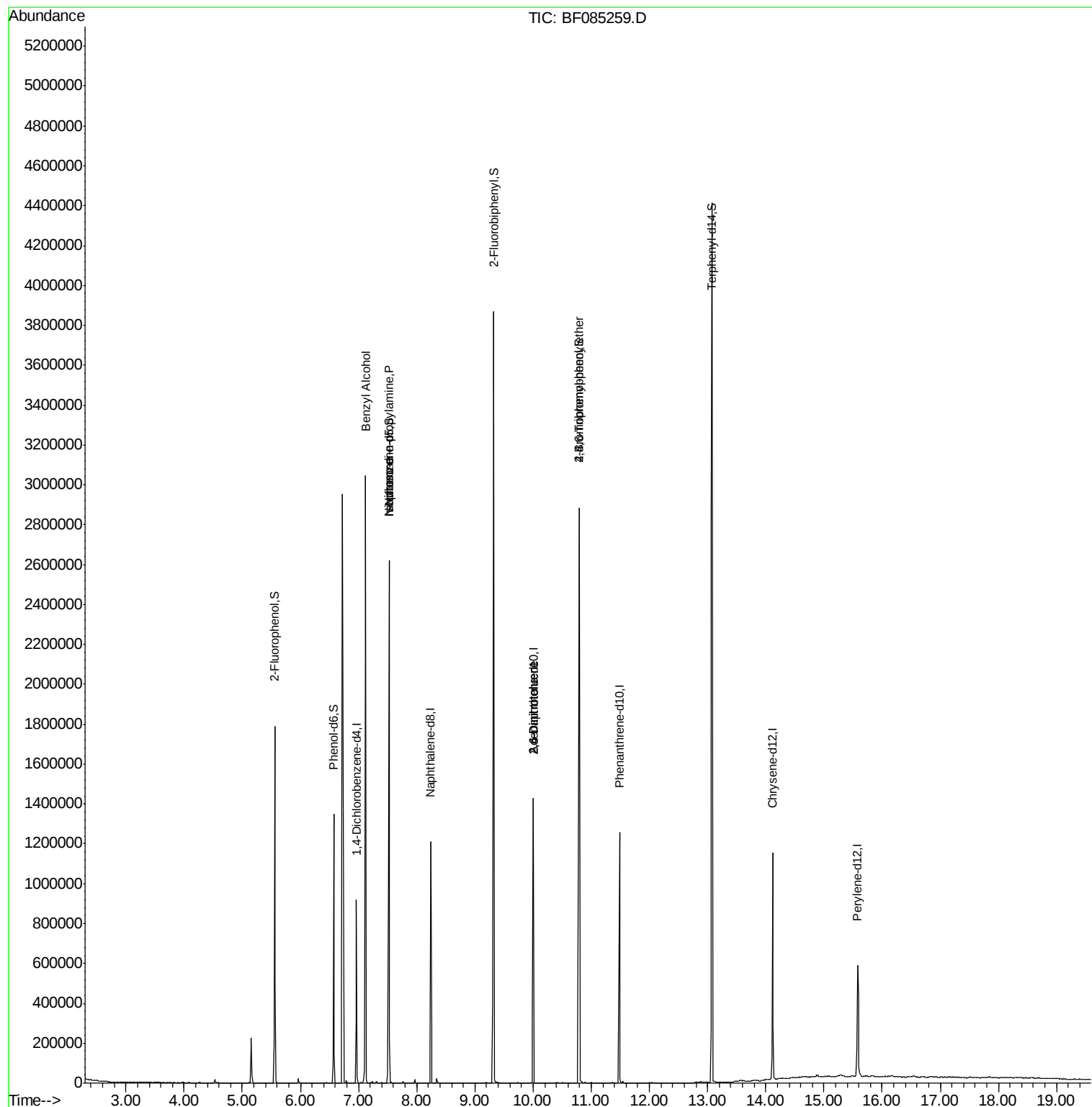
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	146338	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	540714	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	267840	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	511260	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	371565	20.00	ng	-0.03
86) Perylene-d12	15.58	264	276227	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	521447	59.77	ng	-0.02
7) Phenol-d6	6.57	99	420057	36.75	ng	-0.03
23) Nitrobenzene-d5	7.52	82	932413	92.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	343684	149.96	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1717382	97.51	ng	-0.02
78) Terphenyl-d14	13.08	244	1713593	107.06	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.12	79	17515	2.09	ng	# 43
19) n-Nitroso-di-n-propylamine	7.52	70	124633	16.73	ng	# 78
25) Isophorone	7.52	82	687791	36.73	ng	# 67
50) 2,6-Dinitrotoluene	10.00	165	34481	7.84	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	34475	6.13	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	26370	5.31	ng	# 1

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

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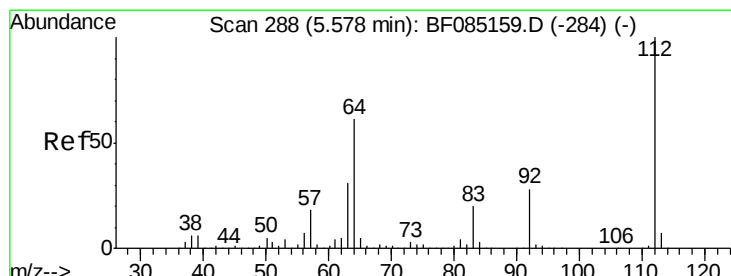
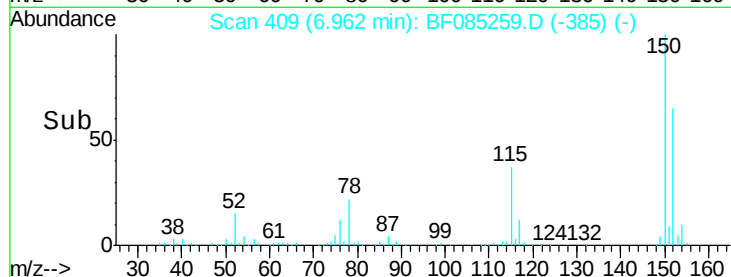
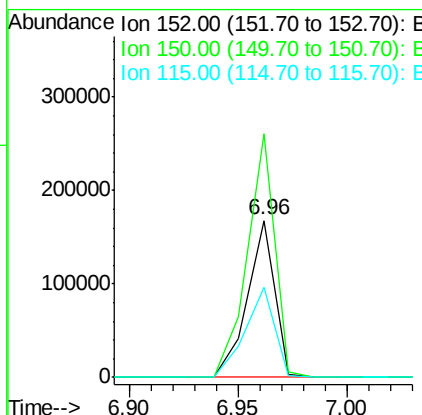
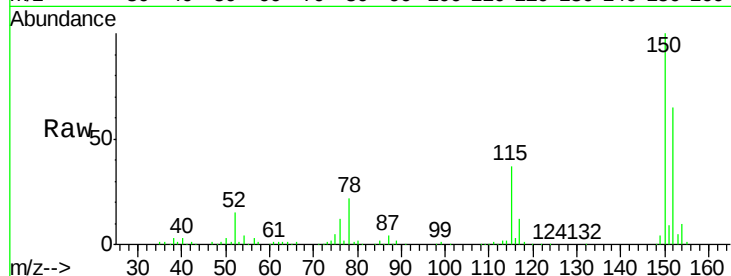




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

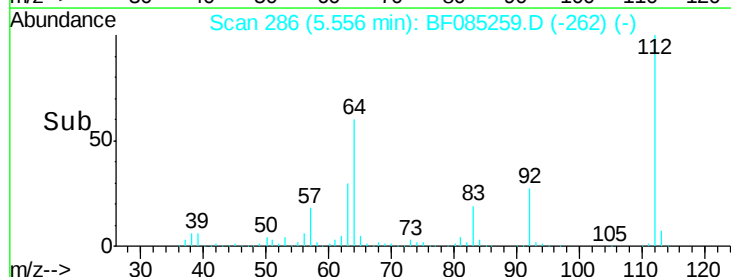
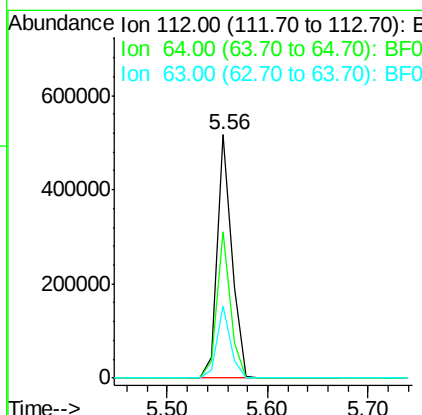
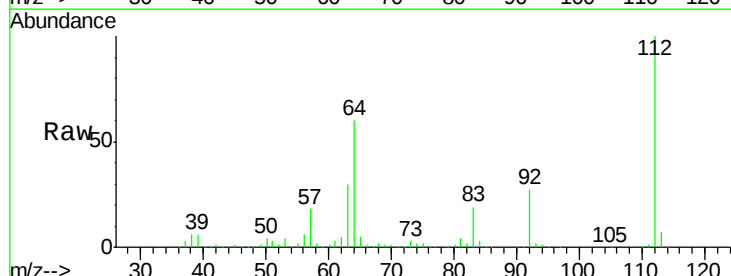
Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Tgt Ion:152 Resp: 146338
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 57.5 46.6 70.0



#5
 2-Fluorophenol
 Concen: 59.77 ng
 RT: 5.56 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion:112 Resp: 521447
 Ion Ratio Lower Upper
 112 100
 64 59.9 49.0 73.4
 63 29.8 24.8 37.2





#7

Phenol-d6

Concen: 36.75 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

Instrument :

BNA_F

ClientSampleId :

SUP-FB-05

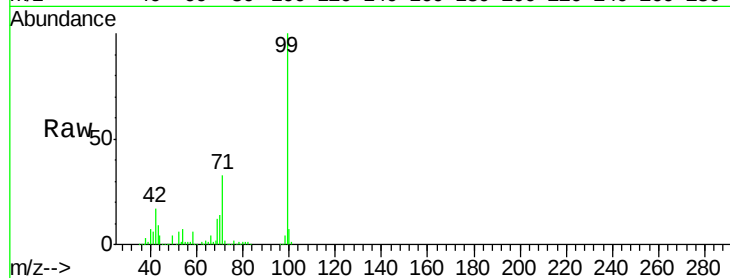
Tgt Ion: 99 Resp: 420057

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

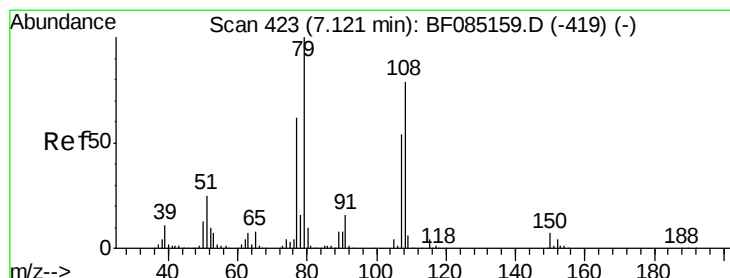
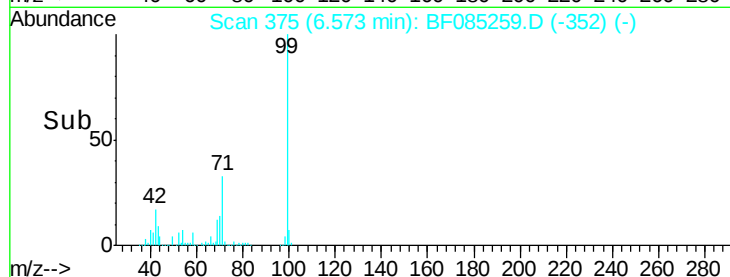
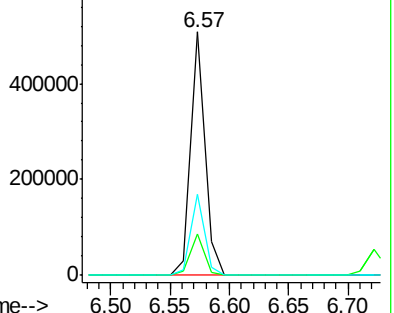
71 33.0 26.7 40.1



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: 2.09 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

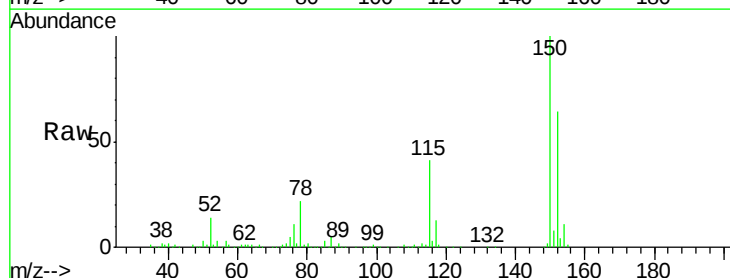
Tgt Ion: 79 Resp: 17515

Ion Ratio Lower Upper

79 100

108 38.5 62.9 94.3#

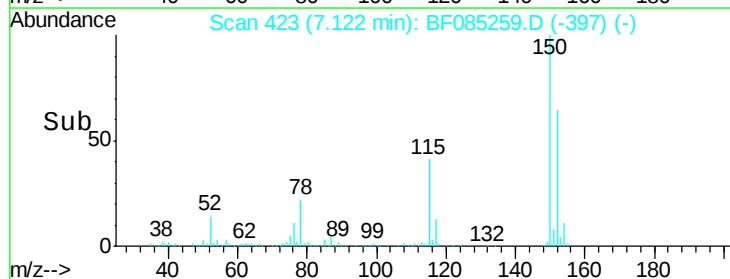
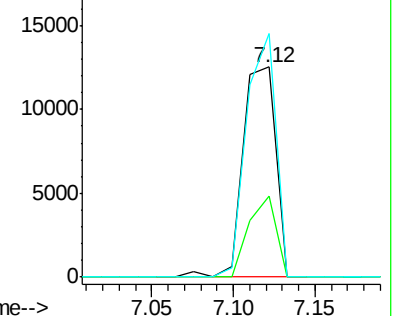
77 116.0 49.5 74.3#

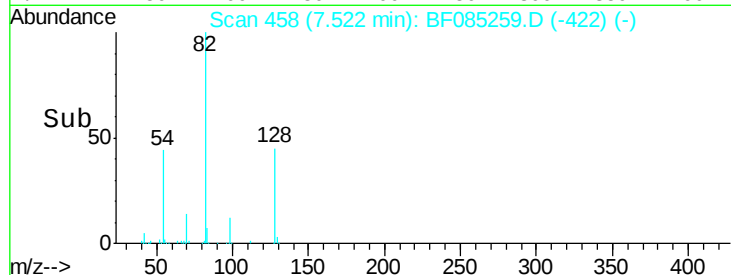
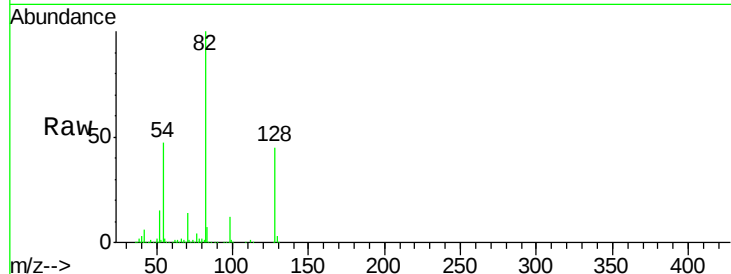


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

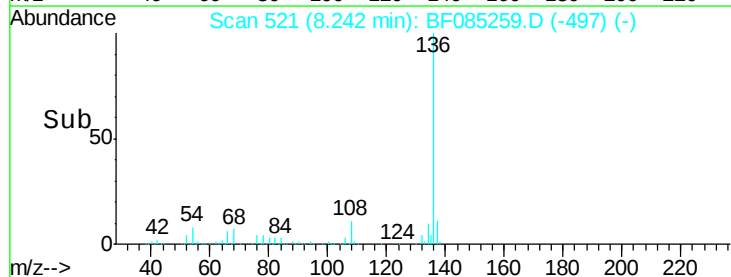
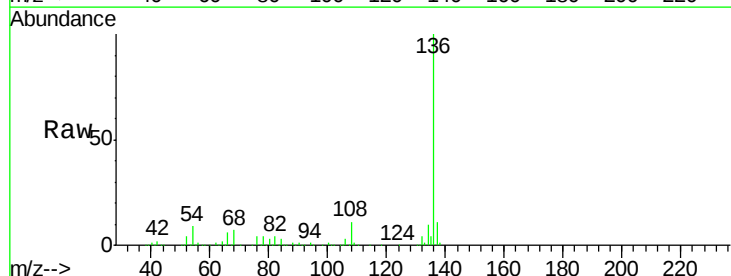
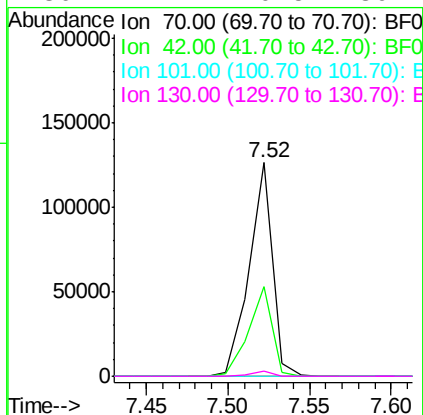




#19
n-Nitroso-di-n-propylamine
Concen: 16.73 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085259.D
Acq: 8 Mar 2016 16:53

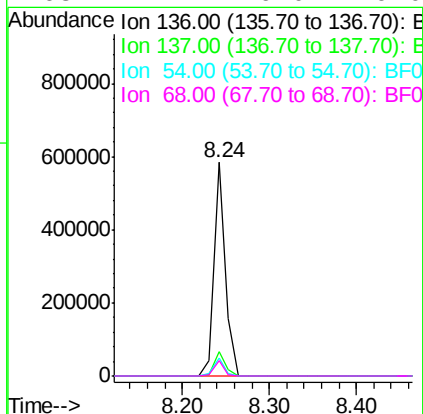
Instrument :
BNA_F
ClientSampleId :
SUP-FB-05

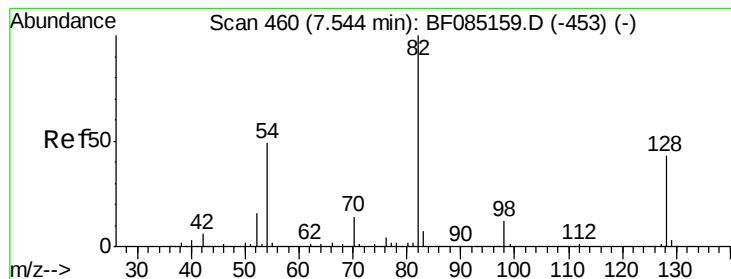
Tgt Ion:	70	Resp:	124633
Ion	Ratio	Lower	Upper
70	100		
42	41.8	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085259.D
Acq: 8 Mar 2016 16:53

Tgt Ion:	136	Resp:	540714
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.6	7.4	11.2
68	7.1	6.0	9.0





#23

Nitrobenzene-d5

Concen: 92.28 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

Instrument :

BNA_F

ClientSampleId :

SUP-FB-05

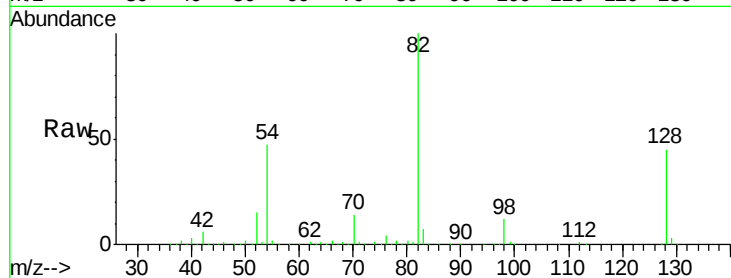
Tgt Ion: 82 Resp: 932413

Ion Ratio Lower Upper

82 100

128 44.7 34.5 51.7

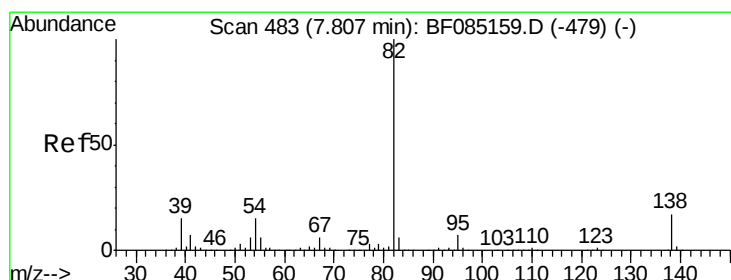
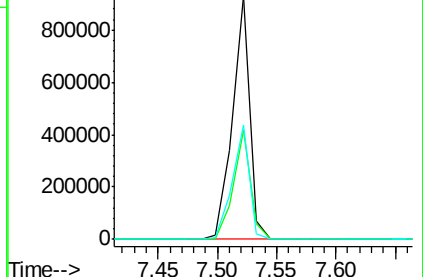
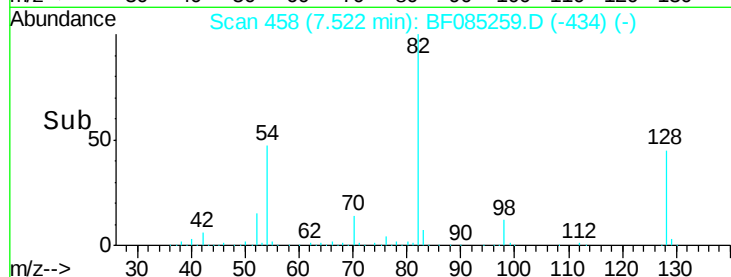
54 46.8 39.3 58.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 36.73 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

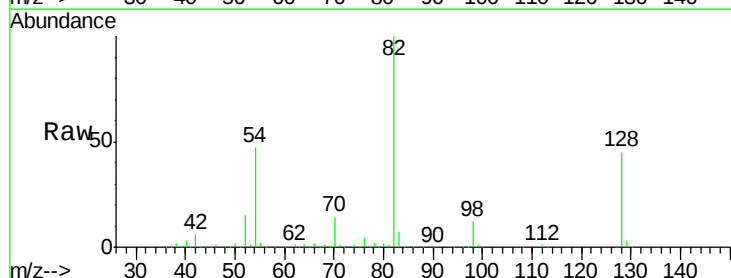
Tgt Ion: 82 Resp: 687791

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

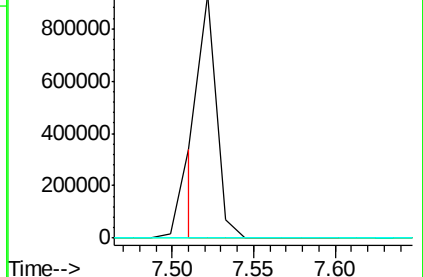
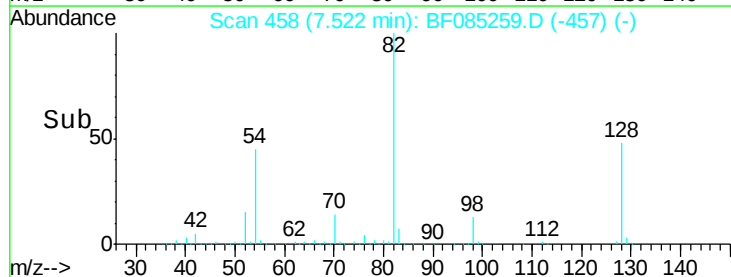
138 0.0 13.3 19.9#

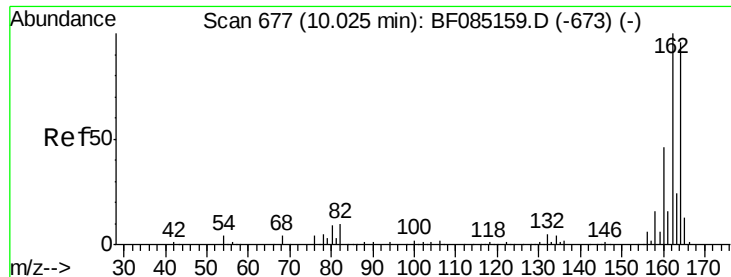


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

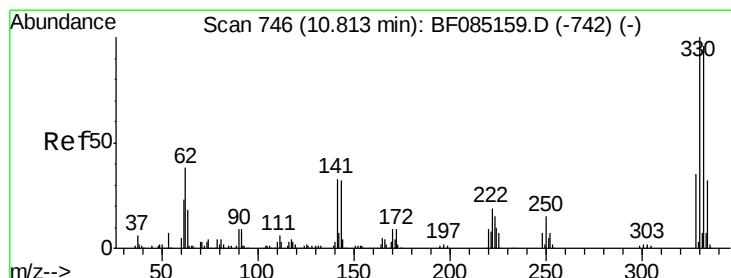
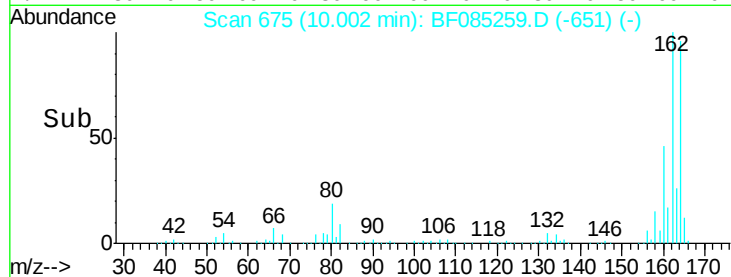
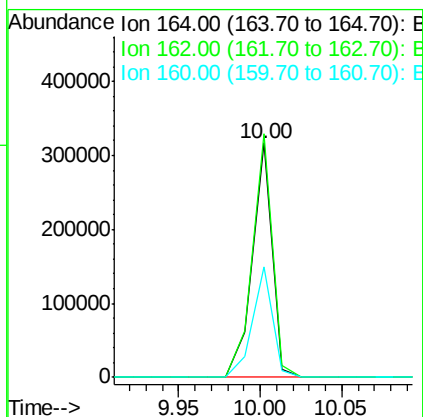
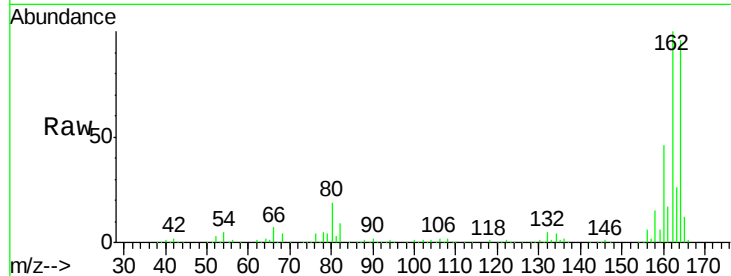




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

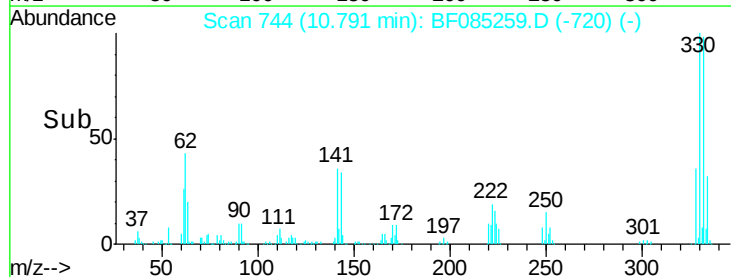
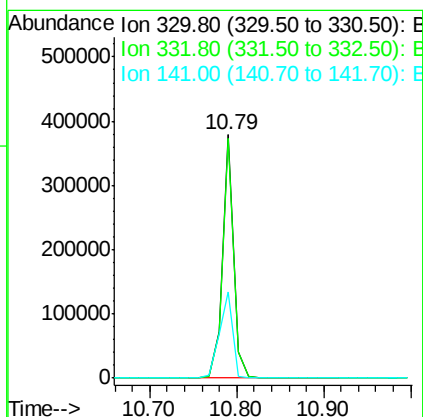
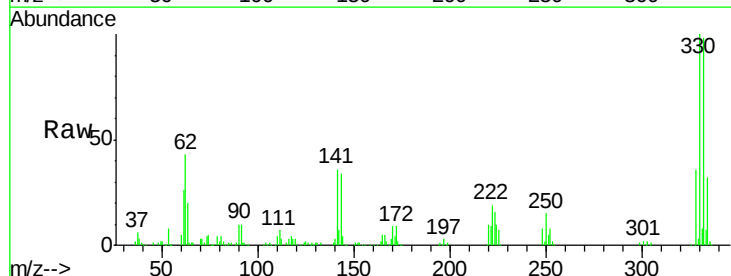
Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

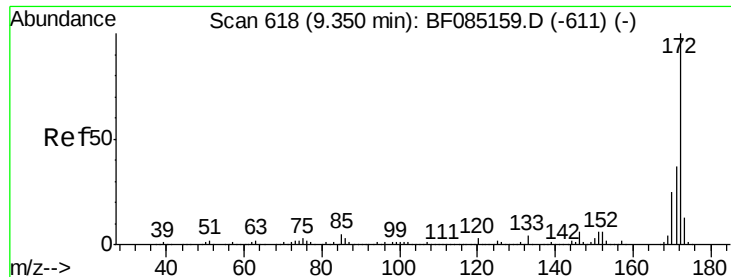
Tgt Ion:164 Resp: 267840
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.3 124.9
 160 47.4 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 149.96 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion:330 Resp: 343684
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.1 115.7
 141 42.6 35.0 52.6

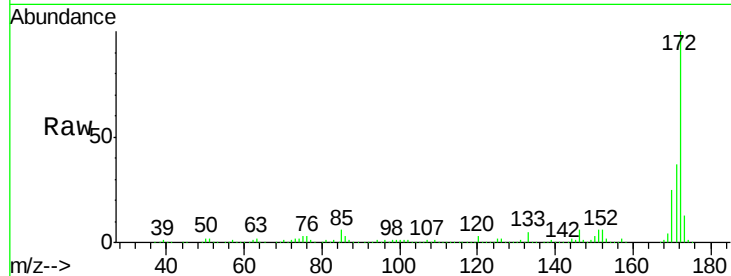




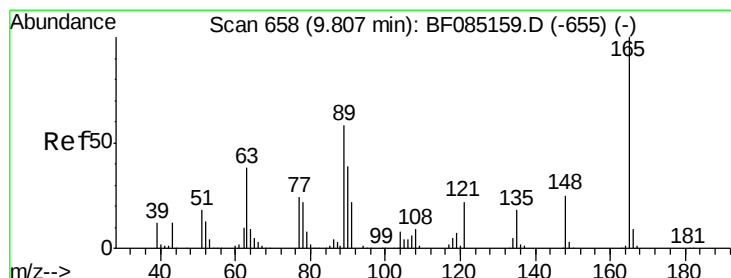
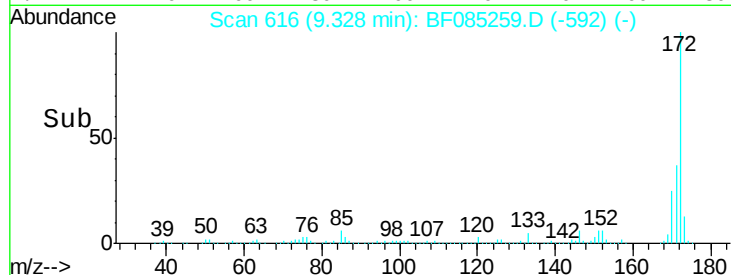
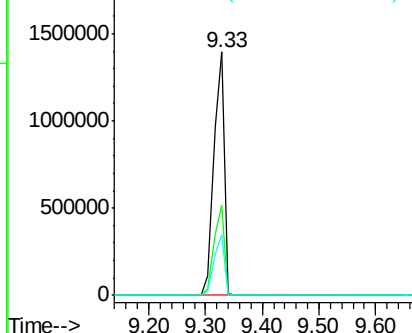
#44
 2-Fluorobiphenyl
 Concen: 97.51 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Tgt Ion:172 Resp: 1717382
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.3 43.9
 170 24.7 20.0 30.0

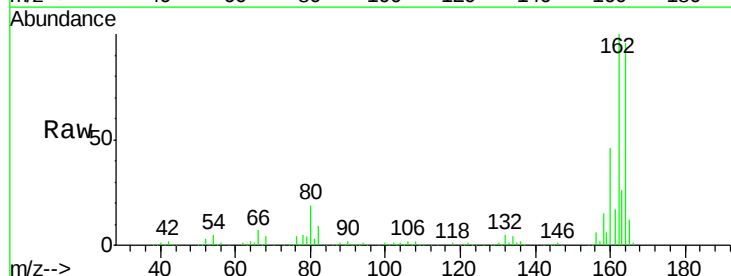


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

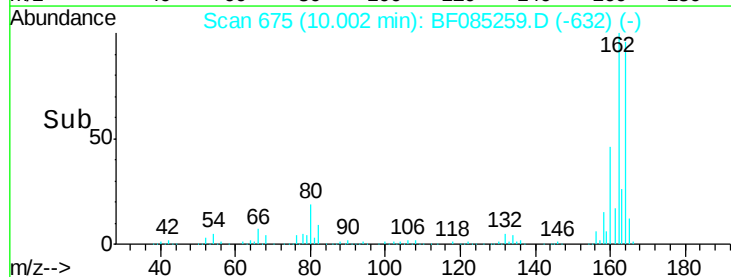
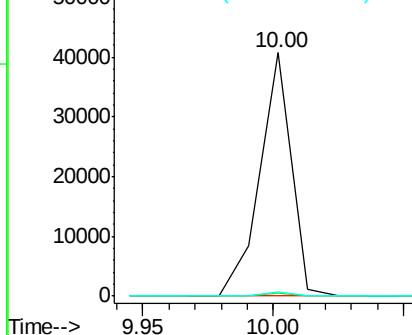


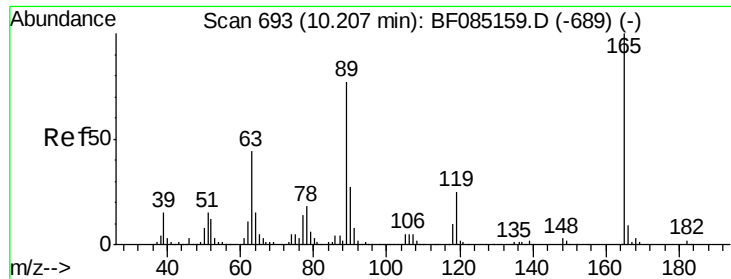
#50
 2,6-Dinitrotoluene
 Concen: 7.84 ng
 RT: 10.00 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion:165 Resp: 34481
 Ion Ratio Lower Upper
 165 100
 63 1.2 41.8 62.8#
 89 1.6 46.7 70.1#



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

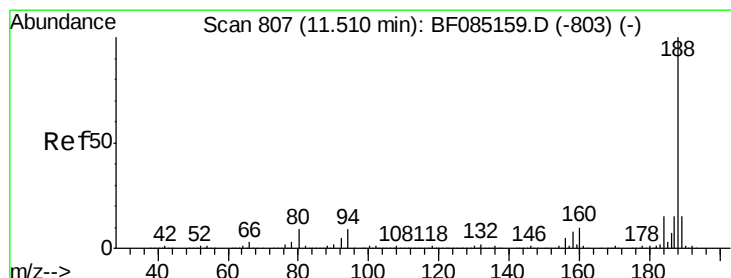
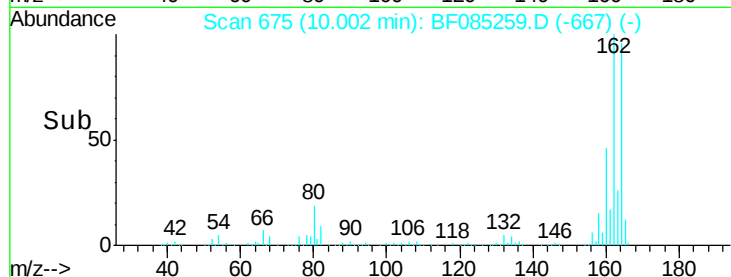
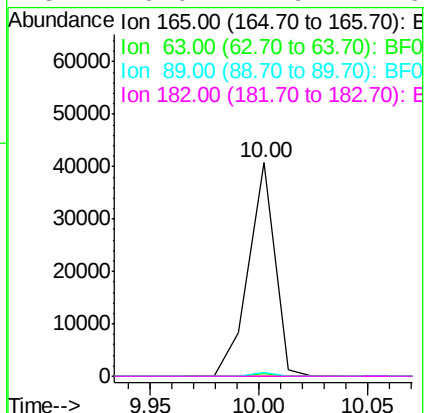
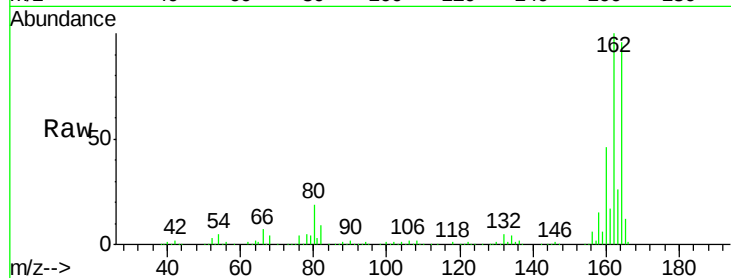




#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085259.D
Acq: 8 Mar 2016 16:53

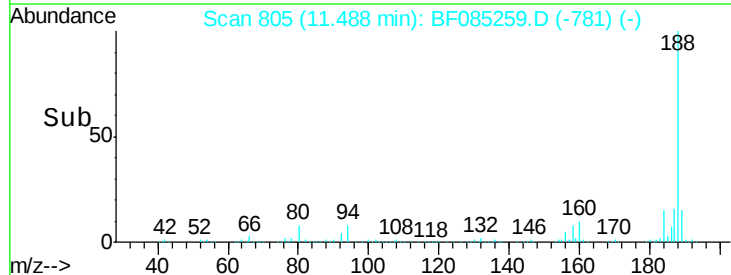
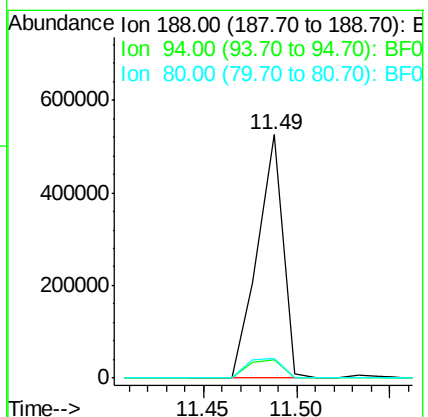
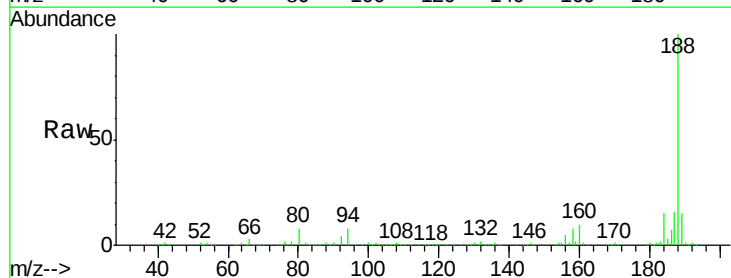
Instrument :
BNA_F
ClientSampleId :
SUP-FB-05

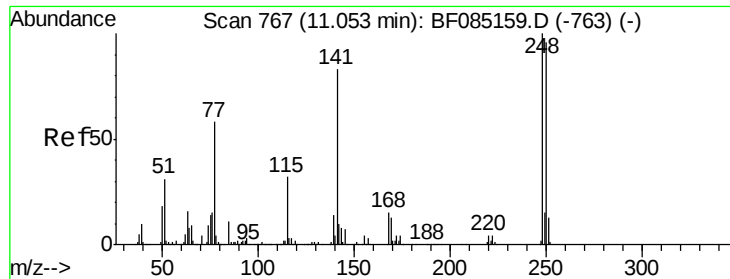
Tgt Ion	Resp	Lower	Upper
165	34475		
63	1.2	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085259.D
Acq: 8 Mar 2016 16:53

Tgt Ion	Resp	Lower	Upper
188	511260		
94	7.7	7.0	10.6
80	7.9	7.4	11.0

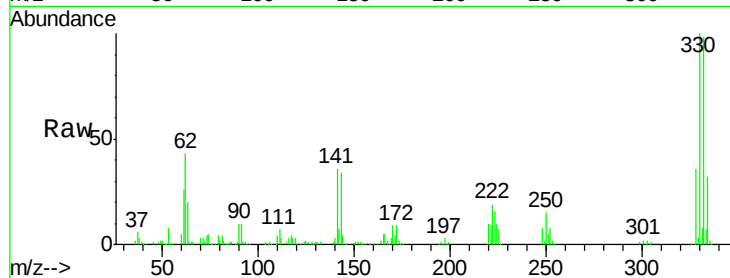




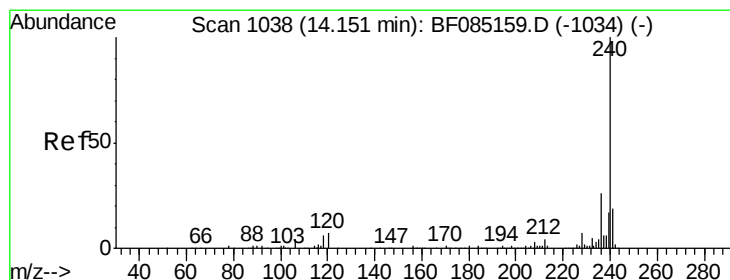
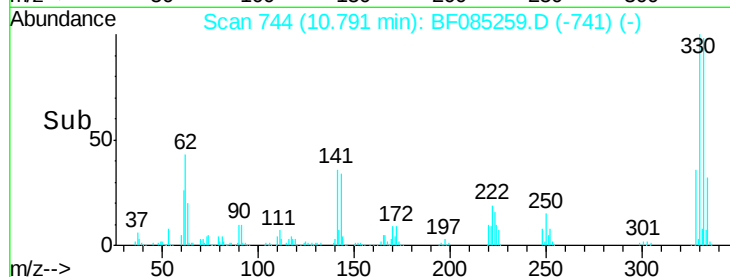
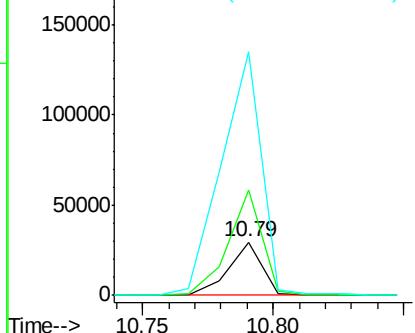
#66
 4-Bromophenyl-phenylether
 Concen: 5.31 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.26 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Tgt Ion:248 Resp: 26370
 Ion Ratio Lower Upper
 248 100
 250 198.3 77.1 115.7#
 141 458.6 66.2 99.2#

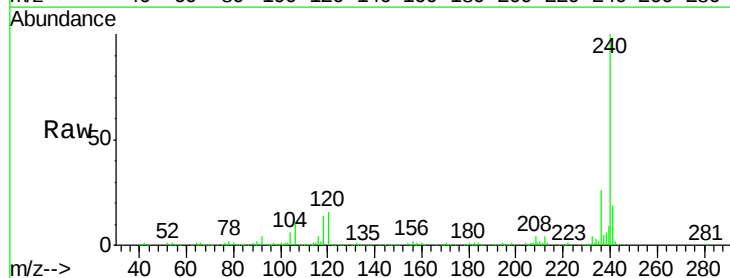


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

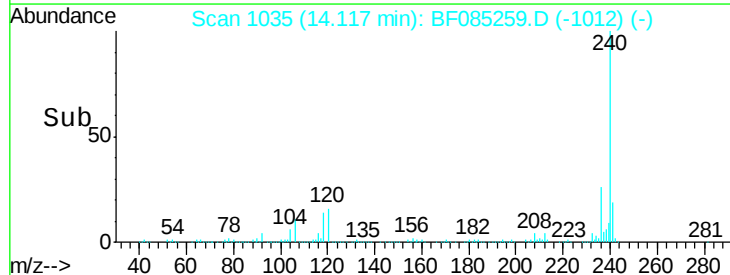
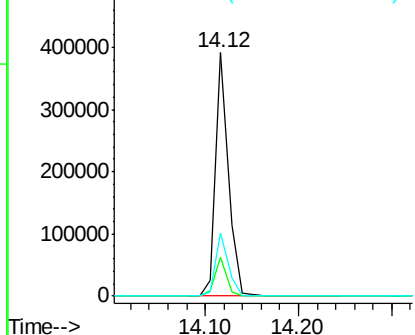


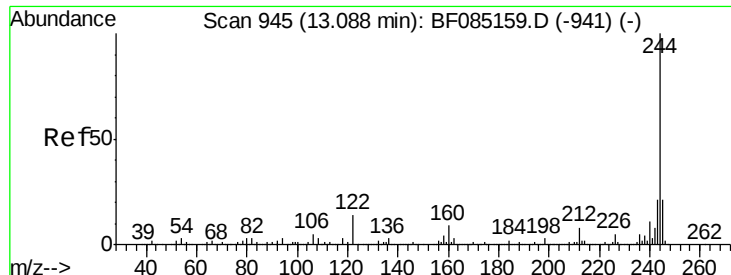
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion:240 Resp: 371565
 Ion Ratio Lower Upper
 240 100
 120 16.0 5.3 7.9#
 236 26.0 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

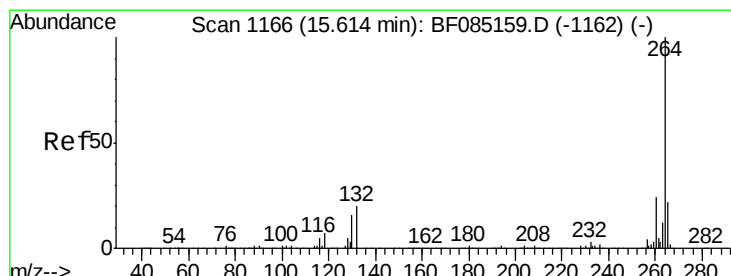
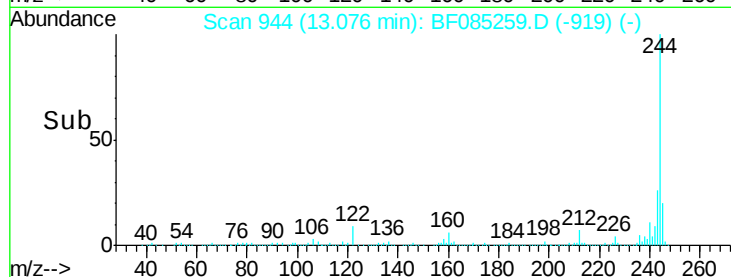
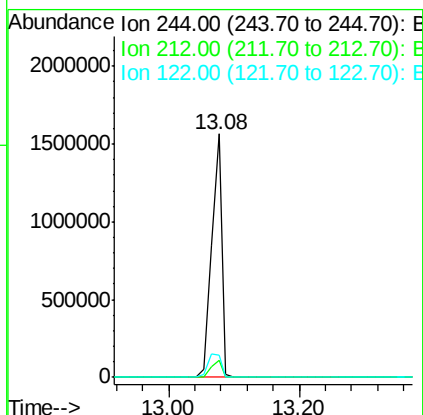
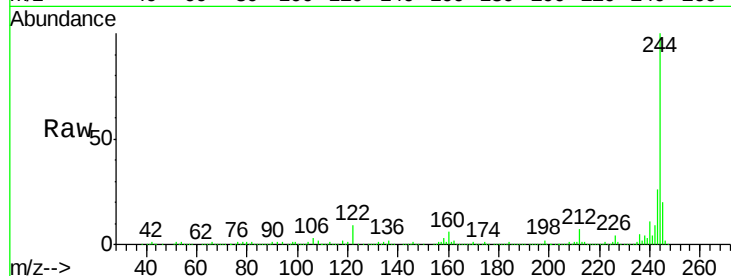




#78
 Terphenyl-d14
 Concen: 107.06 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Tgt Ion:244 Resp: 1713593
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.4 9.6
 122 8.9 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion:264 Resp: 276227
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.6 17.3 25.9

