

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085312.D
 Acq On : 9 Mar 2016 21:34
 Operator : UM/SJ
 Sample : H1724-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-NW

Quant Time: Mar 09 23:51:49 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

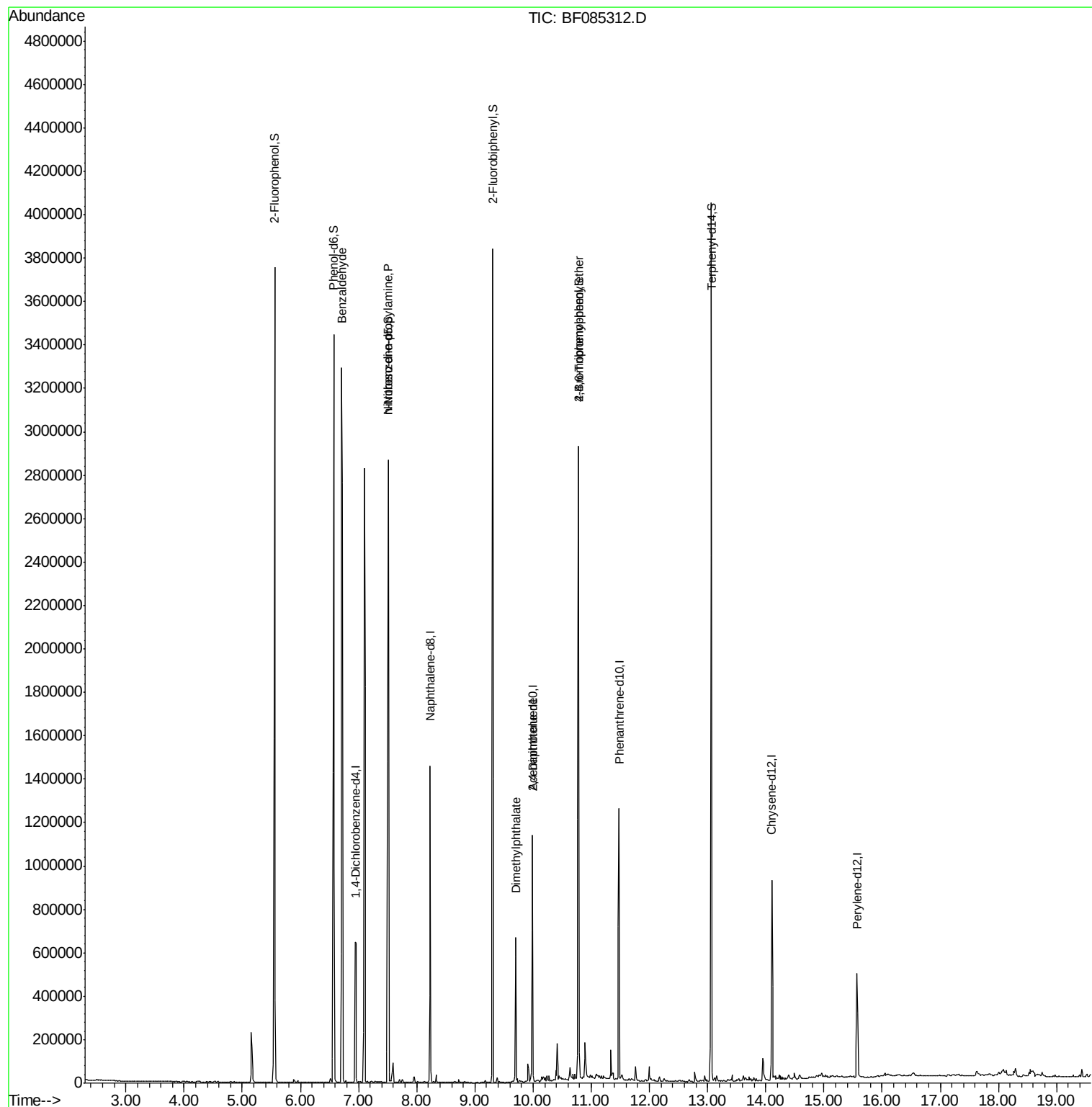
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	151414	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	657907	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	277950	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	554217	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	347667	20.00	ng	-0.05
86) Perylene-d12	15.57	264	230249	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1201222	133.07	ng	-0.02
7) Phenol-d6	6.57	99	1596573	135.00	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1100337	89.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	375077	157.71	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1479102	80.93	ng	-0.05
78) Terphenyl-d14	13.07	244	1530372	102.18	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.71	77	29459	2.43	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.51	70	149454	19.39	ng	# 76
49) Dimethylphthalate	9.70	163	411296	19.28	ng	98
56) 2,4-Dinitrotoluene	9.99	165	35158	6.02	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	27704	5.15	ng	# 1

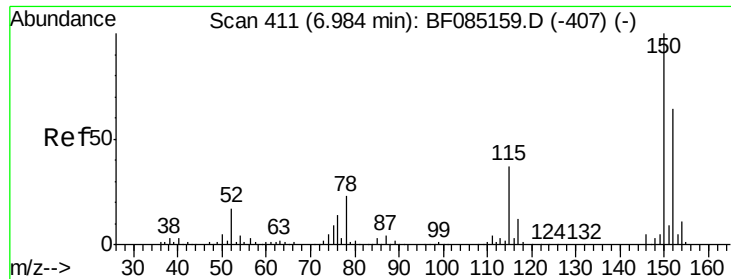
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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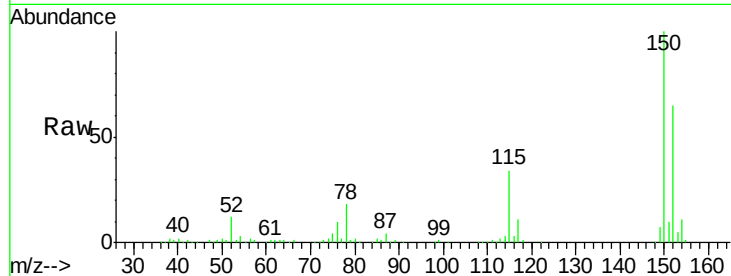




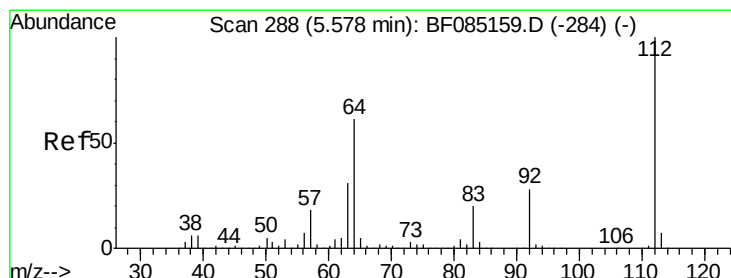
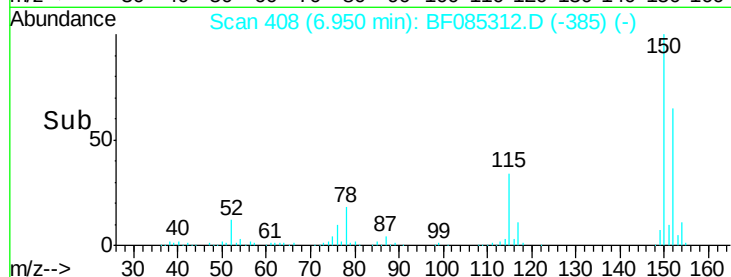
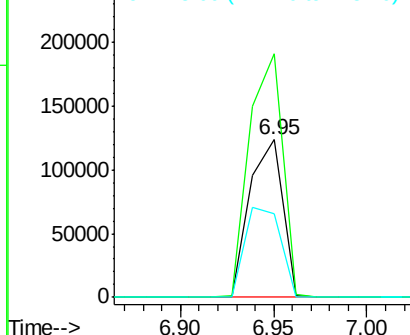
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.03 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-NW

Tgt Ion:152 Resp: 151414
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 53.1 46.6 70.0

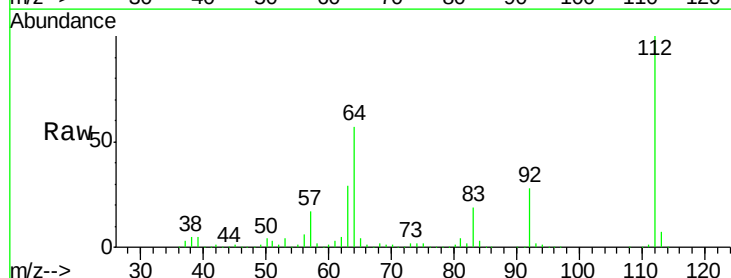


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

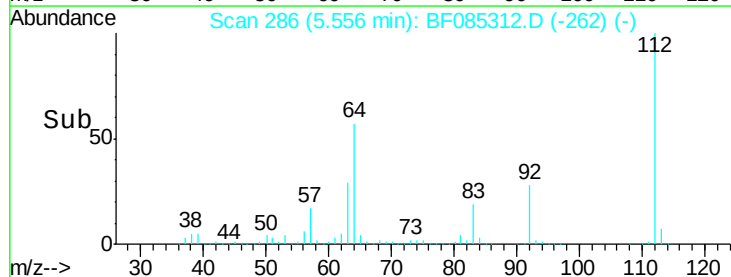
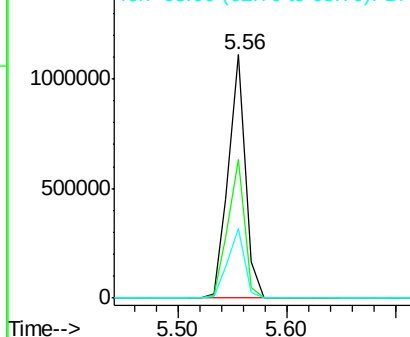


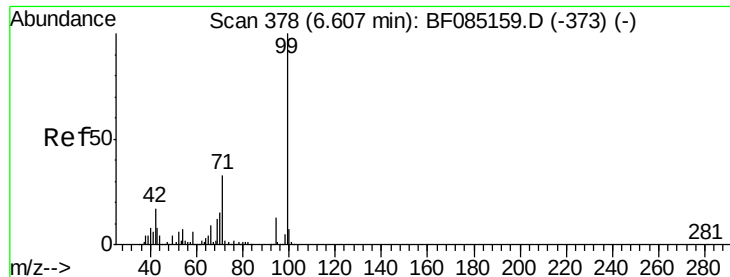
#5
 2-Fluorophenol
 Concen: 133.07 ng
 RT: 5.56 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Tgt Ion:112 Resp: 1201222
 Ion Ratio Lower Upper
 112 100
 64 57.0 49.0 73.4
 63 28.8 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: 135.00 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085312.D

Acq: 9 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

UST-SW-NW

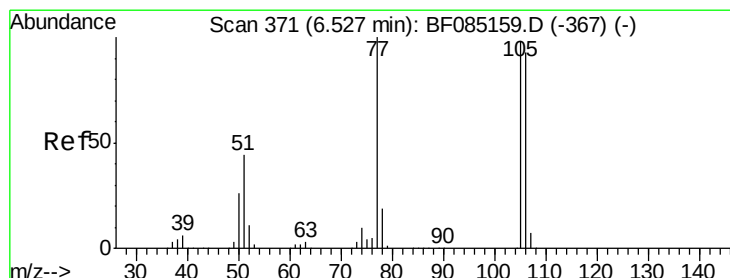
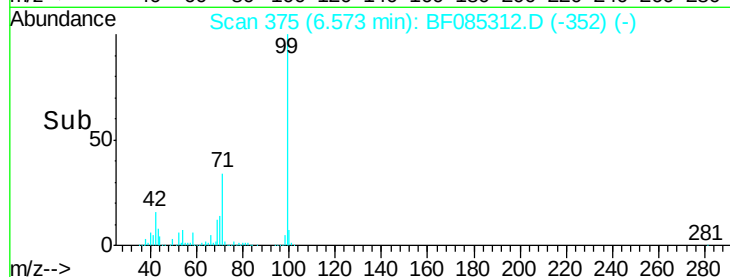
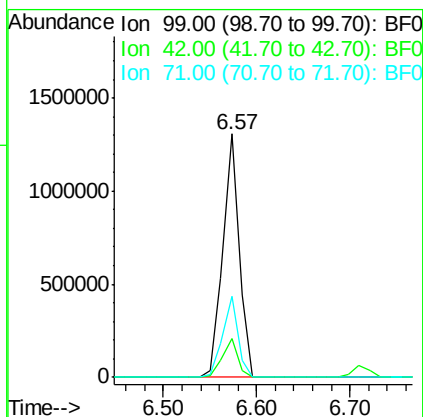
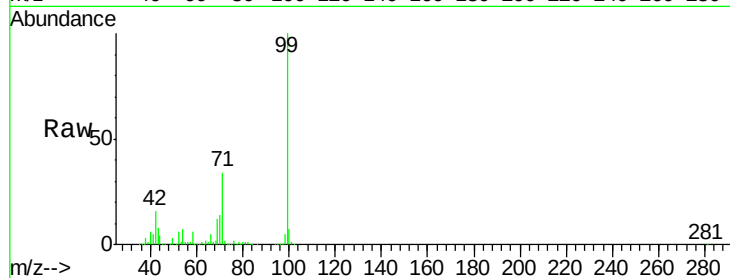
Tgt Ion: 99 Resp: 1596573

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 33.5 26.7 40.1



#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.71 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF085312.D

Acq: 9 Mar 2016 21:34

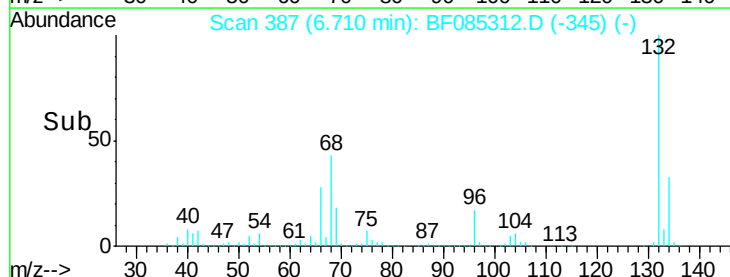
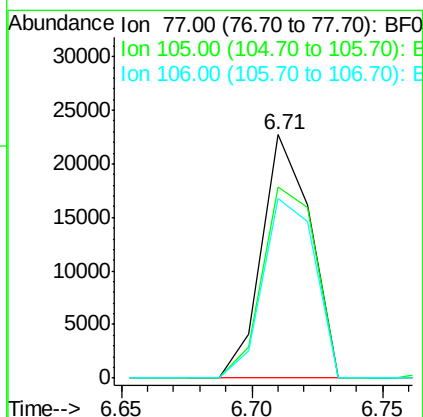
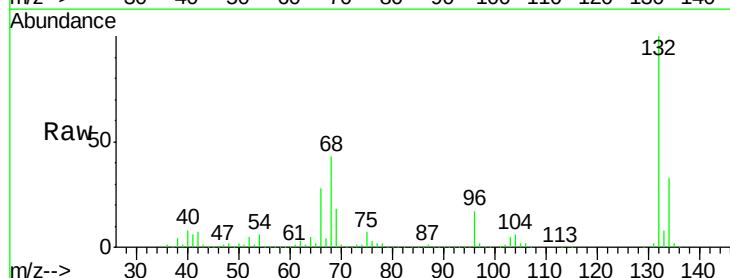
Tgt Ion: 77 Resp: 29459

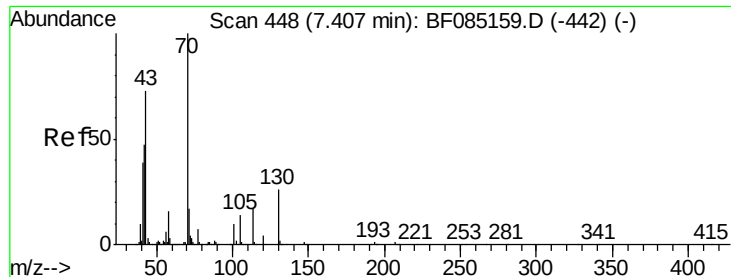
Ion Ratio Lower Upper

77 100

105 78.3 78.2 118.2

106 73.8 72.9 112.9

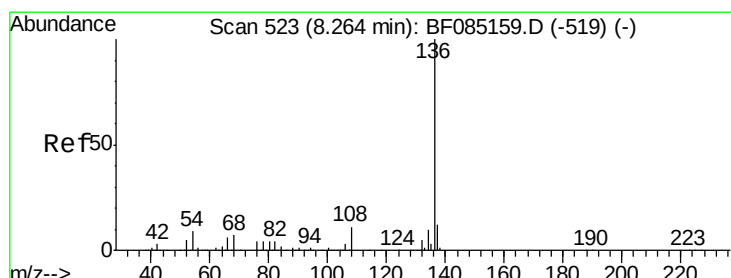
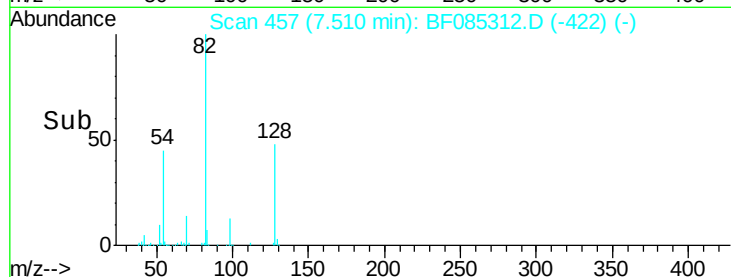
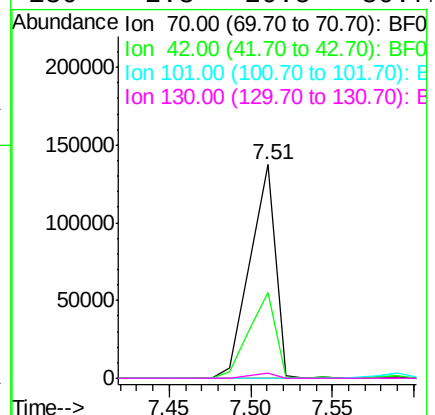
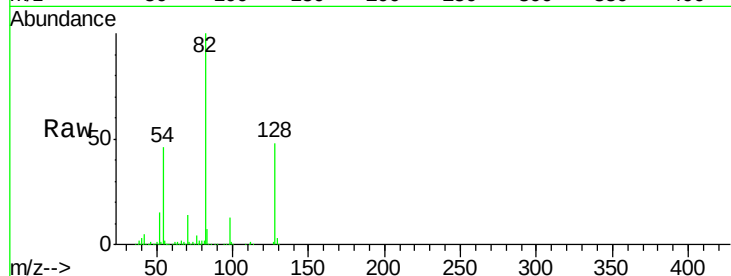




#19
n-Nitroso-di-n-propylamine
Concen: 19.39 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.10 min
Lab File: BF085312.D
Acq: 9 Mar 2016 21:34

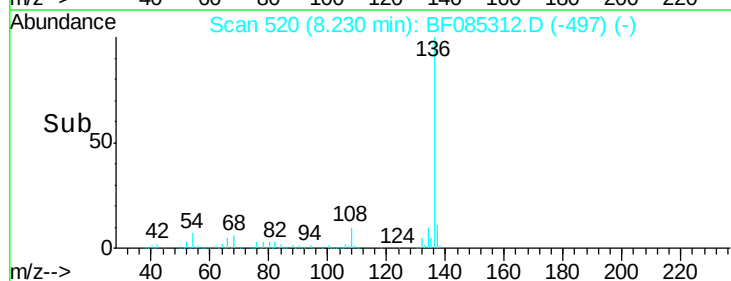
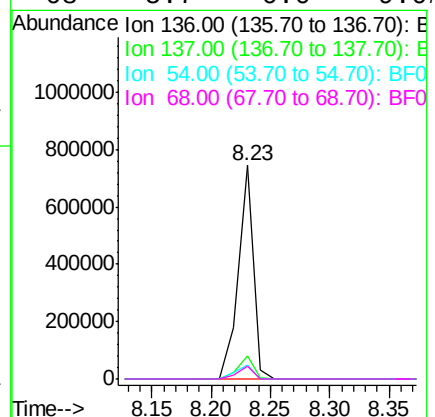
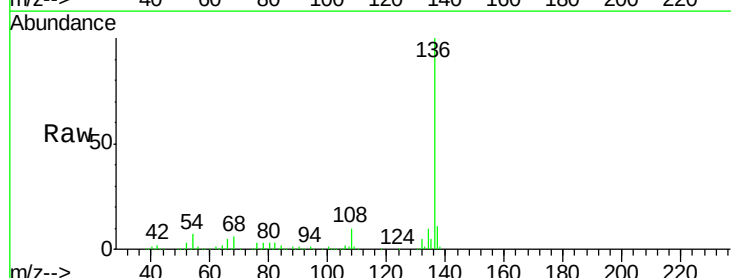
Instrument :
BNA_F
ClientSampleId :
UST-SW-NW

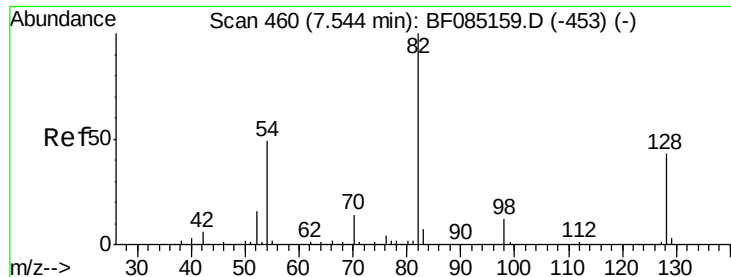
Tgt Ion: 70 Resp: 149454
Ion Ratio Lower Upper
70 100
42 39.9 37.7 56.5
101 0.0 8.2 12.4#
130 2.3 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085312.D
Acq: 9 Mar 2016 21:34

Tgt Ion: 136 Resp: 657907
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.6 7.4 11.2#
68 5.7 6.0 9.0#

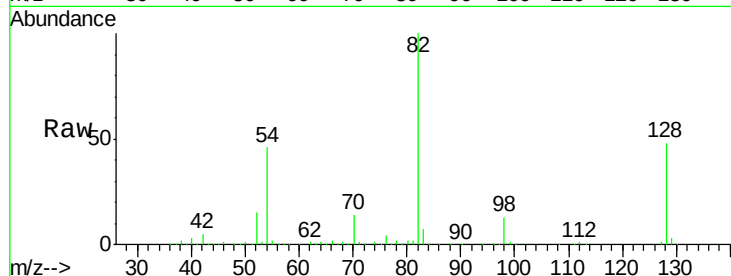




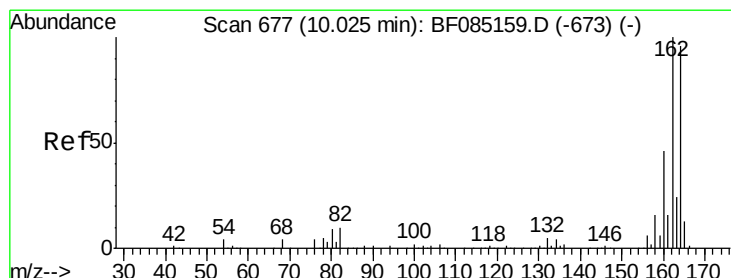
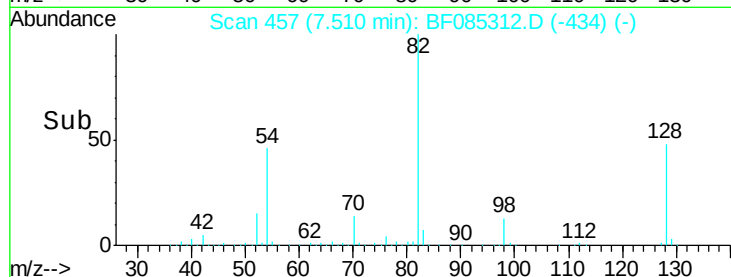
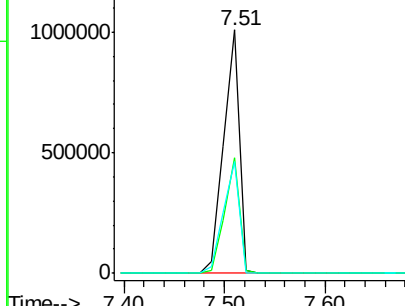
#23
 Nitrobenzene-d5
 Concen: 89.50 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-NW

Tgt Ion: 82 Resp: 1100337
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.5 51.7
 54 45.9 39.3 58.9

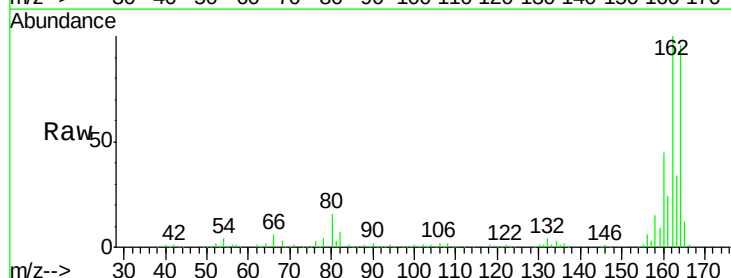


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

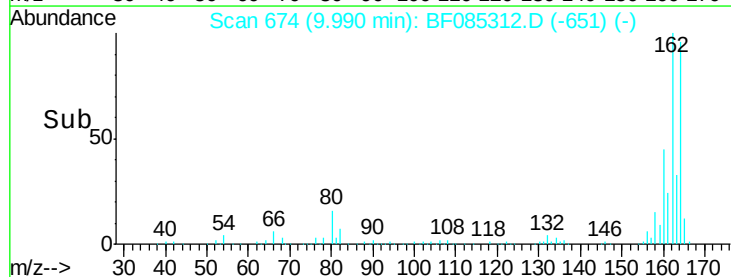
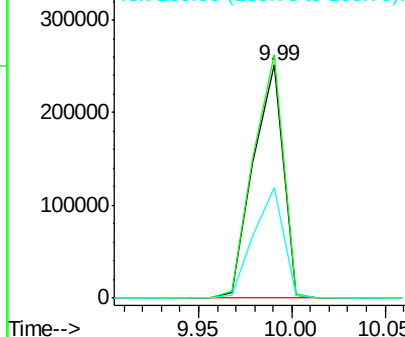


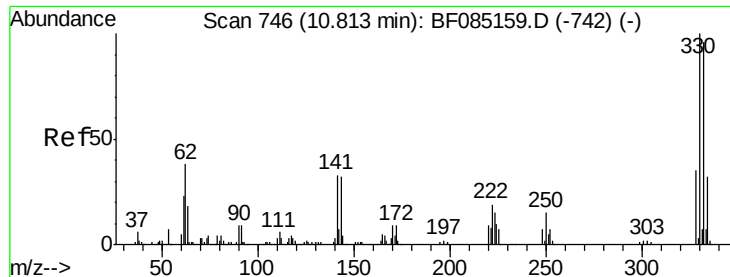
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Tgt Ion: 164 Resp: 277950
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.3 124.9
 160 47.2 37.9 56.9



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

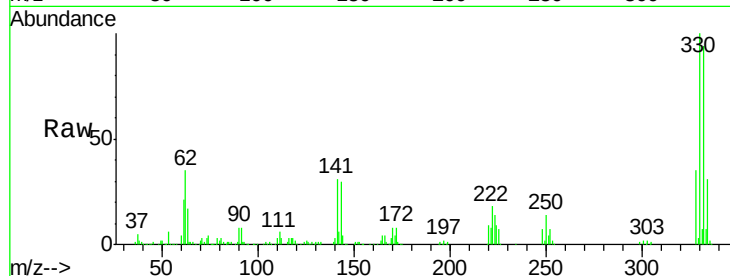




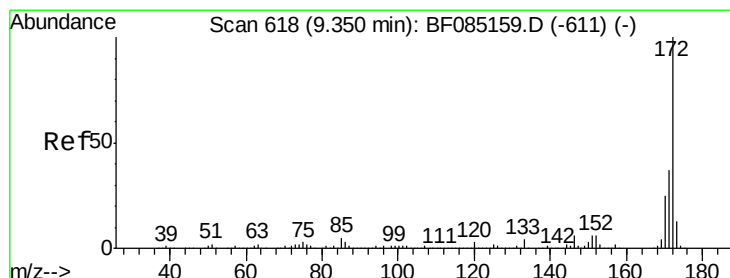
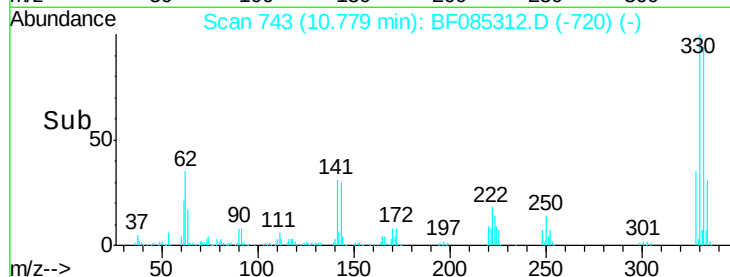
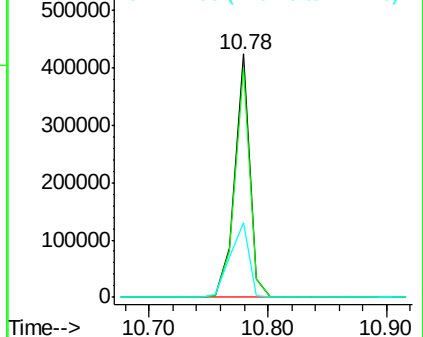
#41
 2,4,6-Tribromophenol
 Concen: 157.71 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-NW

Tgt Ion:330 Resp: 375077
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.1 115.7
 141 38.2 35.0 52.6

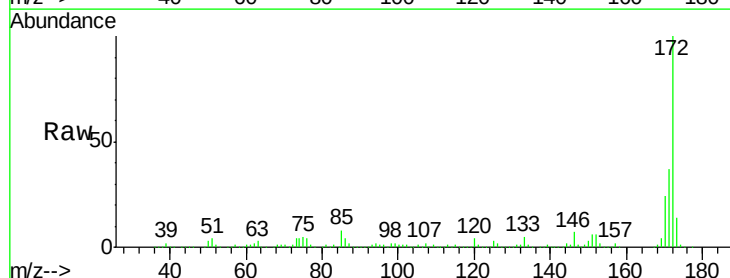


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

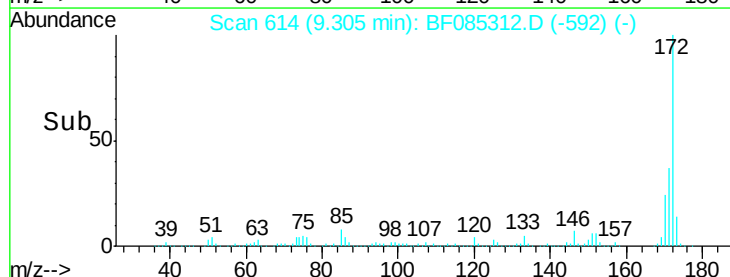
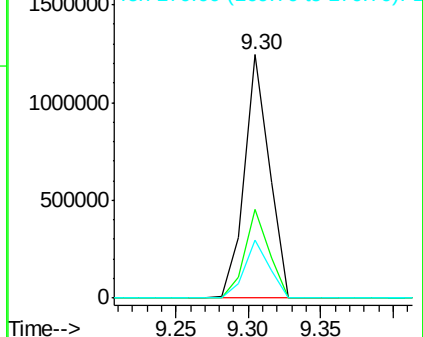


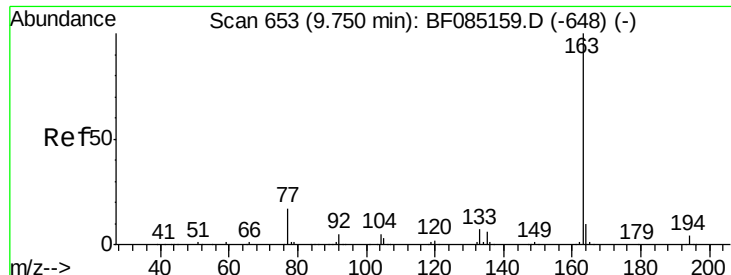
#44
 2-Fluorobiphenyl
 Concen: 80.93 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Tgt Ion:172 Resp: 1479102
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.1 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





#49

Dimethylphthalate

Concen: 19.28 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085312.D

Acq: 9 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

UST-SW-NW

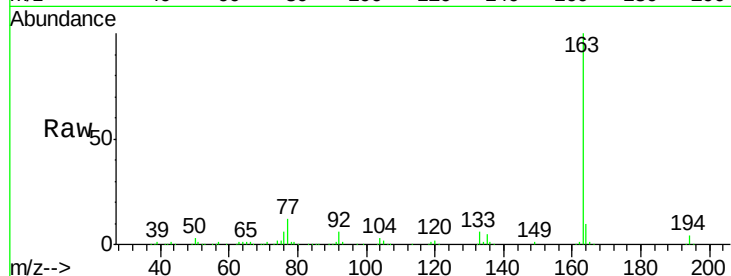
Tgt Ion:163 Resp: 411296

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

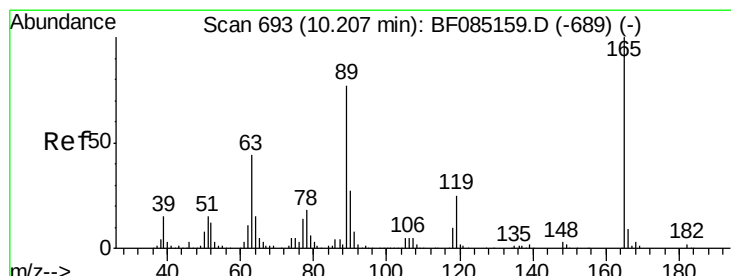
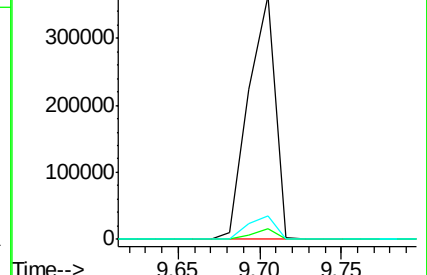
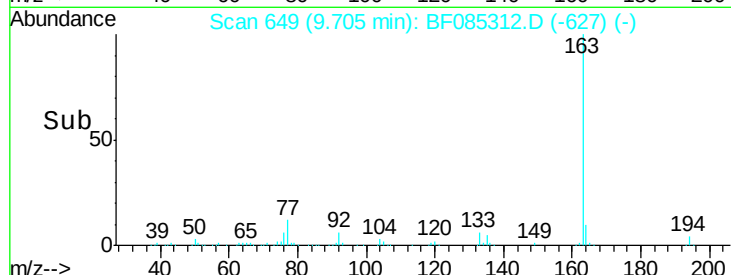
164 9.6 8.2 12.4



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: 6.02 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.22 min

Lab File: BF085312.D

Acq: 9 Mar 2016 21:34

Tgt Ion:165 Resp: 35158

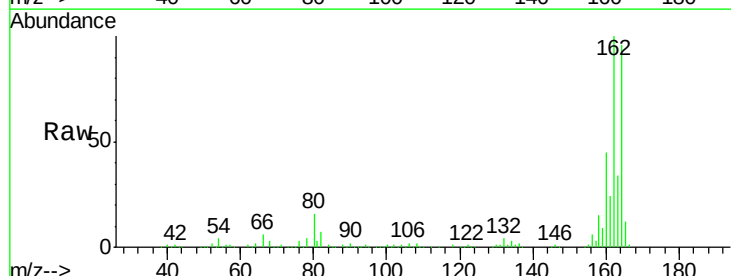
Ion Ratio Lower Upper

165 100

63 1.4 35.4 53.0#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#

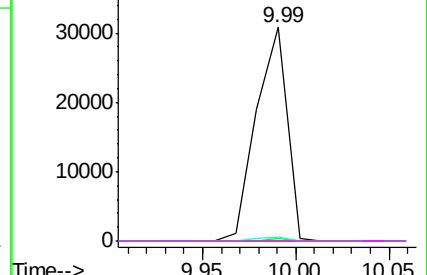
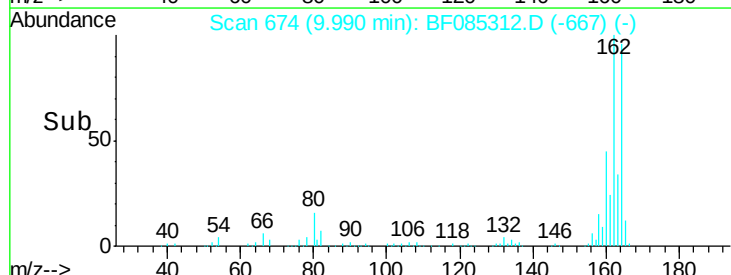


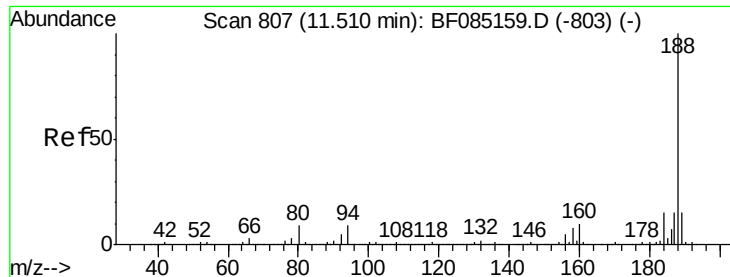
Abundance Ion 165.00 (164.70 to 165.70): E

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

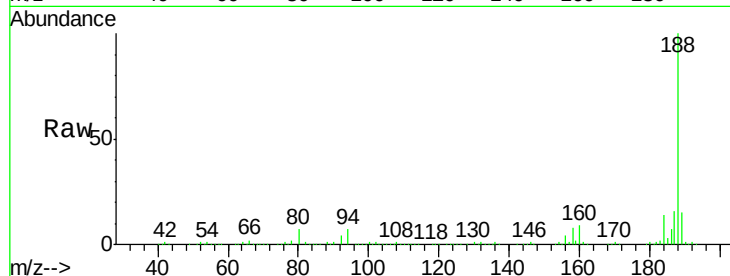




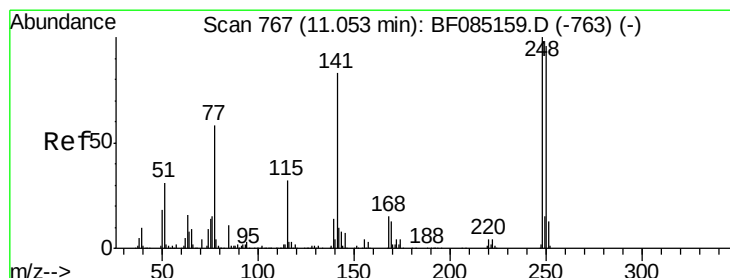
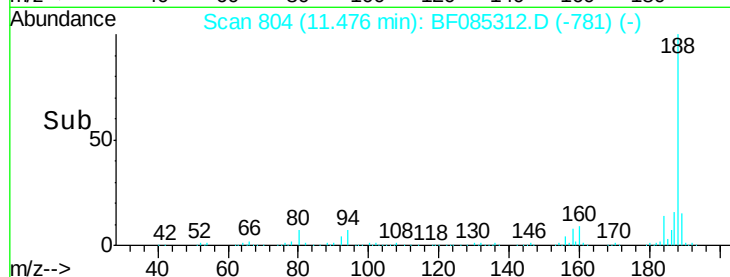
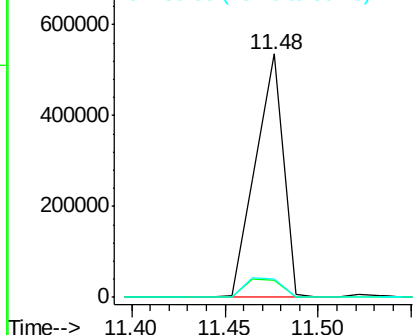
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-NW

Tgt Ion:188 Resp: 554217
 Ion Ratio Lower Upper
 188 100
 94 7.2 7.0 10.6
 80 7.3 7.4 11.0#

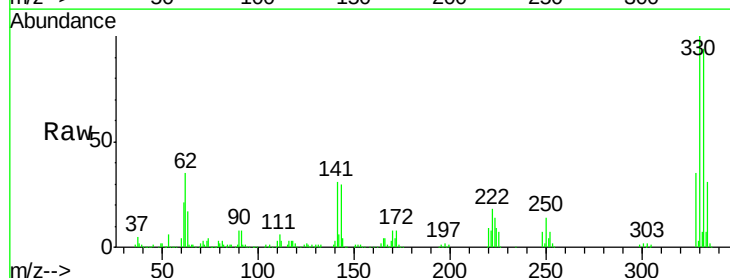


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

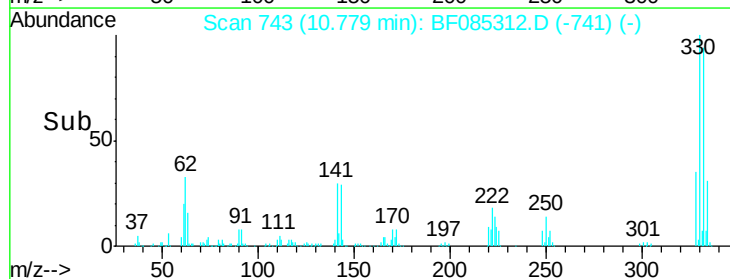
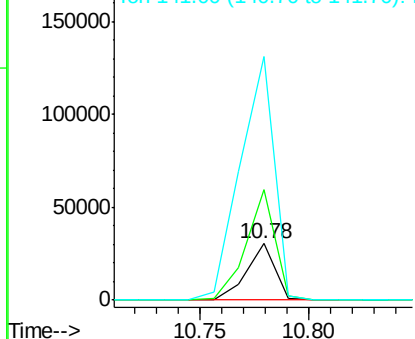


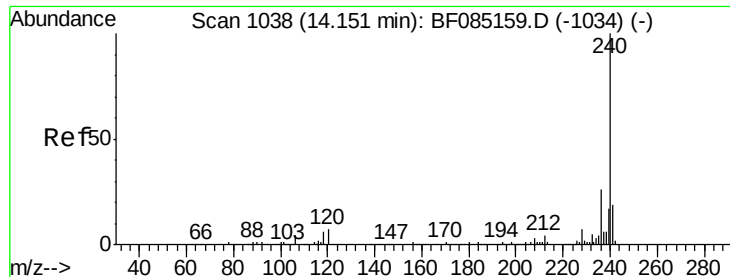
#66
 4-Bromophenyl-phenylether
 Concen: 5.15 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.27 min
 Lab File: BF085312.D
 Acq: 9 Mar 2016 21:34

Tgt Ion:248 Resp: 27704
 Ion Ratio Lower Upper
 248 100
 250 195.6 77.1 115.7#
 141 431.5 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: BF085312.D

Acq: 9 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

UST-SW-NW

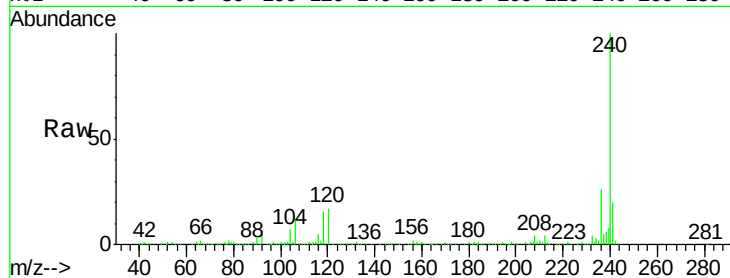
Tgt Ion:240 Resp: 347667

Ion Ratio Lower Upper

240 100

120 17.4 5.3 7.9#

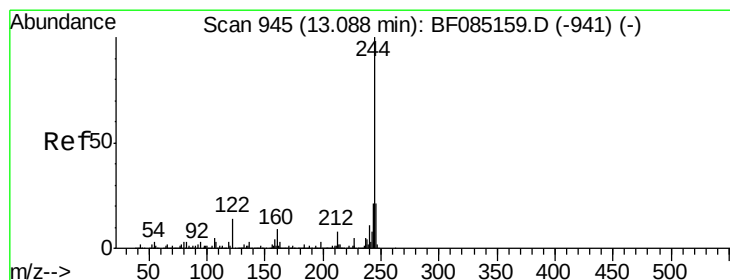
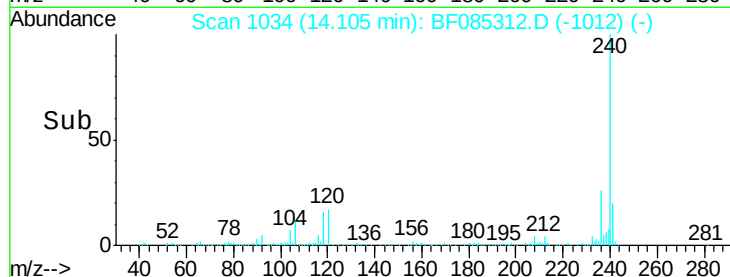
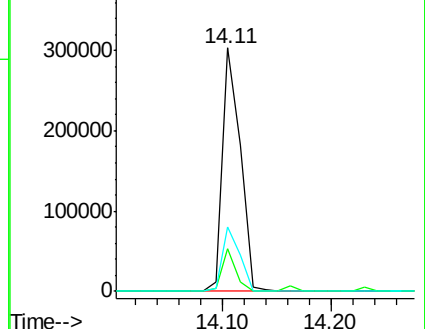
236 26.2 20.7 31.1



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: 102.18 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085312.D

Acq: 9 Mar 2016 21:34

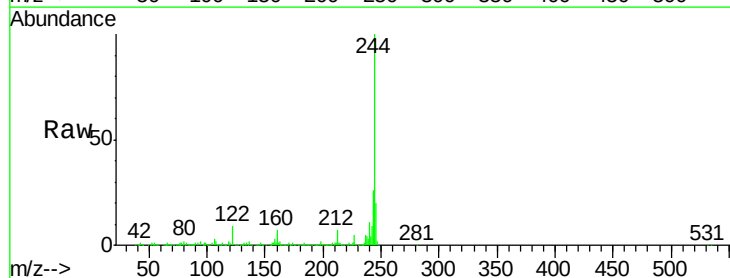
Tgt Ion:244 Resp: 1530372

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

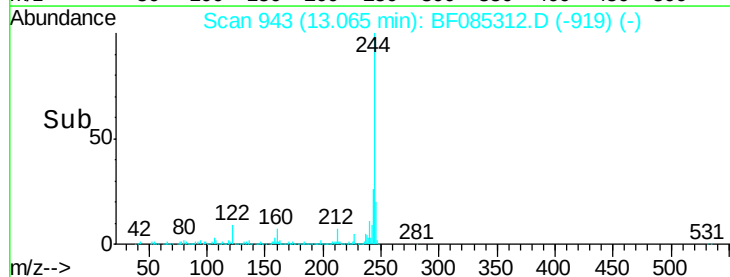
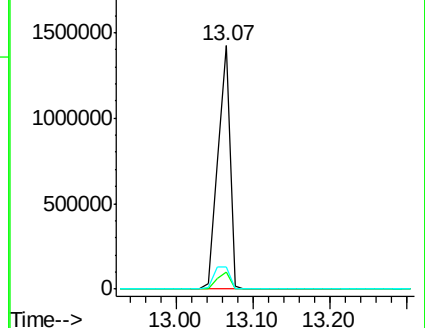
122 9.2 11.4 17.2#

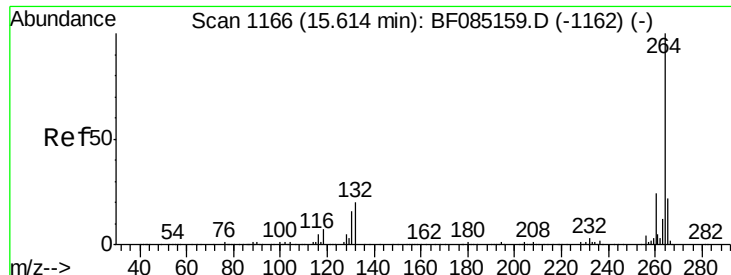


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

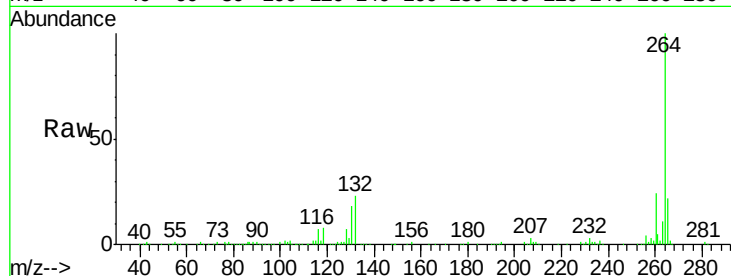




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085312.D
Acq: 9 Mar 2016 21:34

Instrument :
BNA_F
ClientSampleId :
UST-SW-NW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.3	17.3	25.9



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

