

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085311.D
 Acq On : 9 Mar 2016 21:06
 Operator : UM/SJ
 Sample : H1724-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SW

Quant Time: Mar 09 23:51:40 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

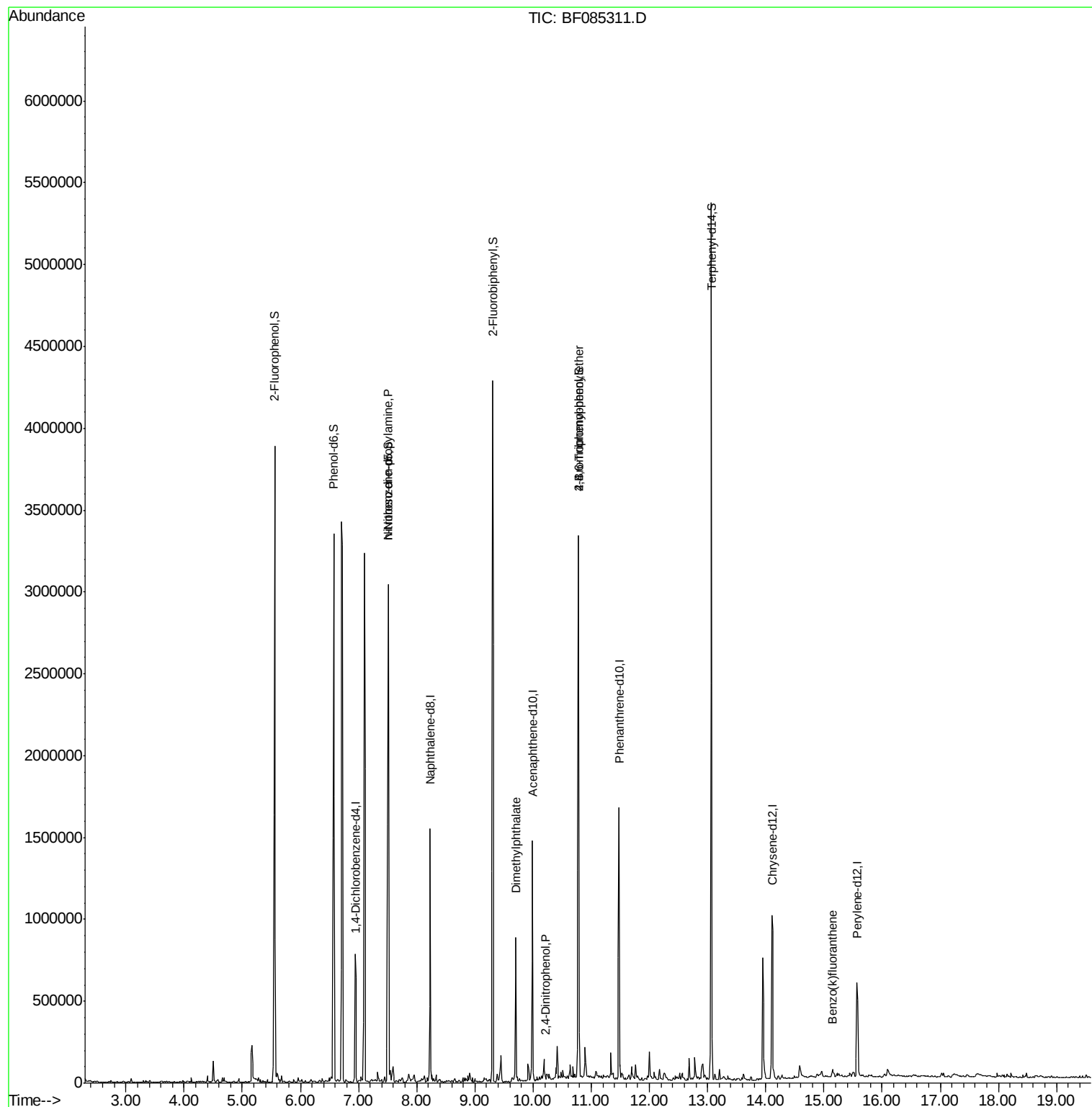
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	165964	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	704524	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	329519	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	674221	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	471675	20.00	ng	-0.03
86) Perylene-d12	15.57	264	297097	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1373369	138.81	ng	-0.02
7) Phenol-d6	6.57	99	1816629	140.14	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1181151	89.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	421522	149.50	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1970488	90.94	ng	-0.05
78) Terphenyl-d14	13.07	244	1837051	90.41	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.49	77	1421	Below Cal		Qvalue 93
19) n-Nitroso-di-n-propylamine	7.51	70	163156	19.31 ng	#	77
49) Dimethylphthalate	9.70	163	497129	19.66 ng		99
53) 2,4-Dinitrophenol	10.22	184	215	8.10 ng	#	1
66) 4-Bromophenyl-phenylether	10.78	248	30252	4.62 ng	#	1
88) Benzo(k)fluoranthene	15.15	252	34377	2.15 ng		97

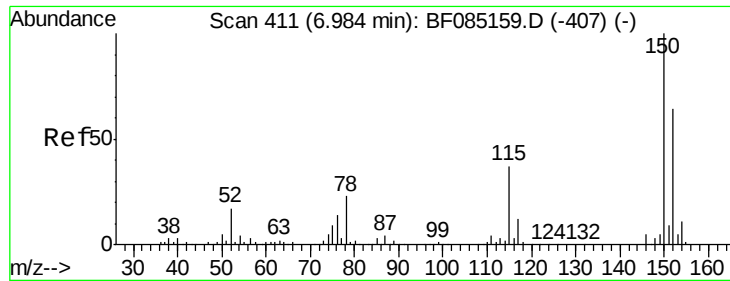
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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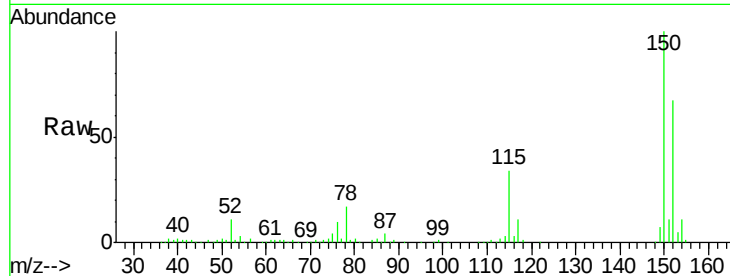




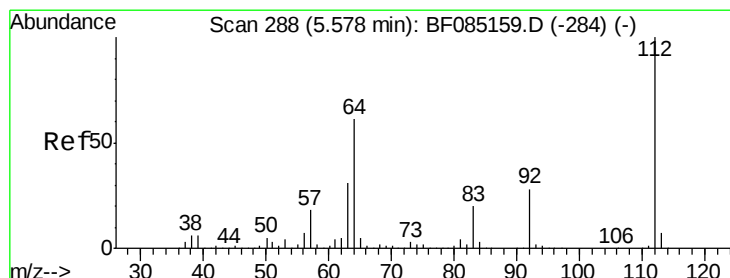
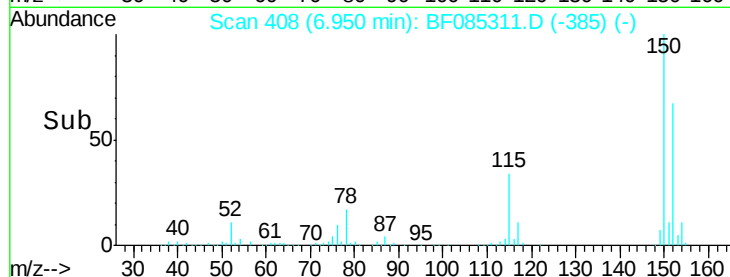
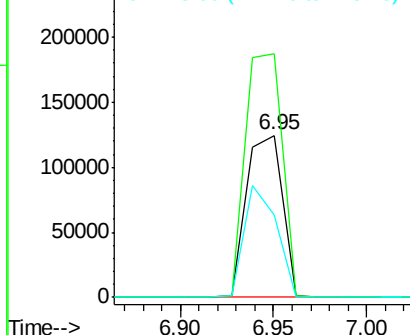
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.03 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SW

Tgt Ion:152 Resp: 165964
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.6 186.8
 115 51.1 46.6 70.0

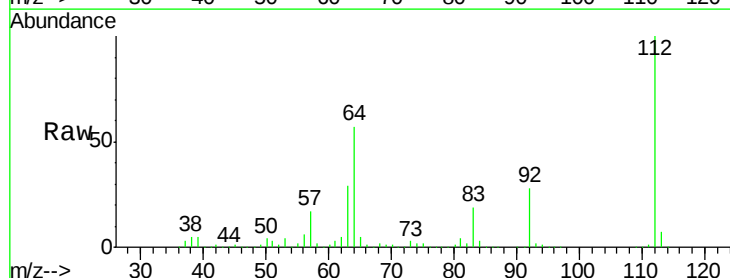


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

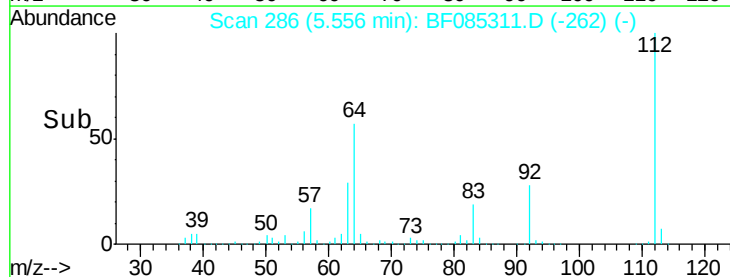
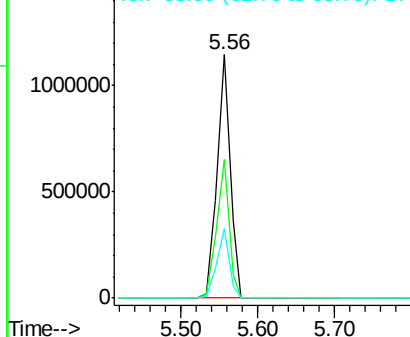


#5
 2-Fluorophenol
 Concen: 138.81 ng
 RT: 5.56 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Tgt Ion:112 Resp: 1373369
 Ion Ratio Lower Upper
 112 100
 64 57.1 49.0 73.4
 63 28.7 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: 140.14 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085311.D

Acq: 9 Mar 2016 21:06

Instrument :

BNA_F

ClientSampleId :

UST-SW-SW

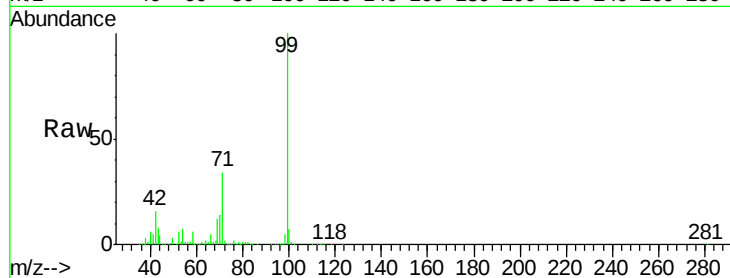
Tgt Ion: 99 Resp: 1816629

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

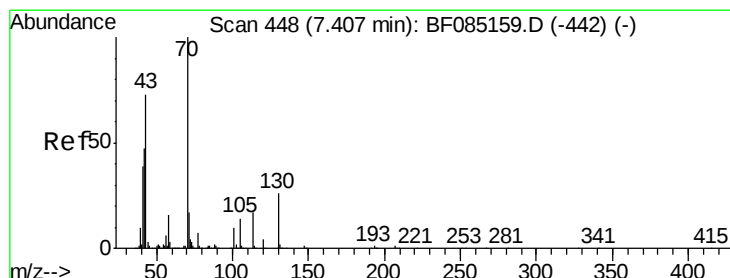
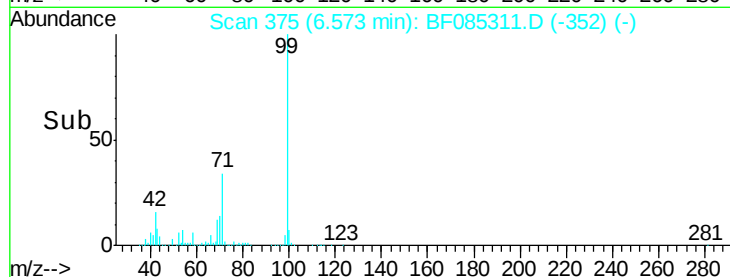
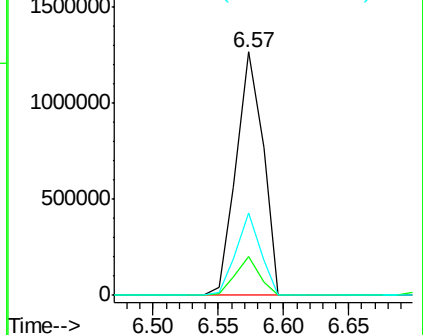
71 33.9 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.31 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF085311.D

Acq: 9 Mar 2016 21:06

Tgt Ion: 70 Resp: 163156

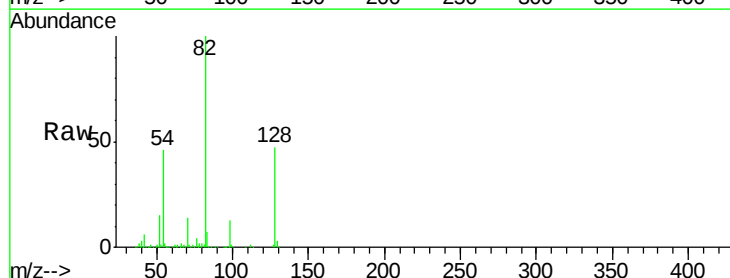
Ion Ratio Lower Upper

70 100

42 40.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

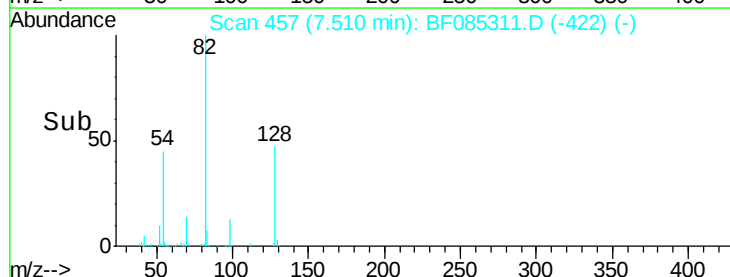
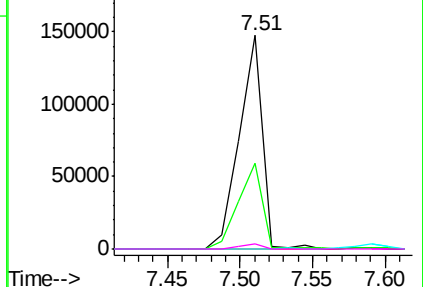


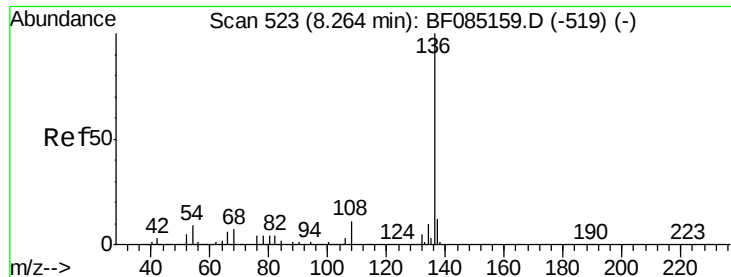
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085311.D

Acq: 9 Mar 2016 21:06

Instrument :

BNA_F

ClientSampleId :

UST-SW-SW

Tgt Ion:136 Resp: 704524

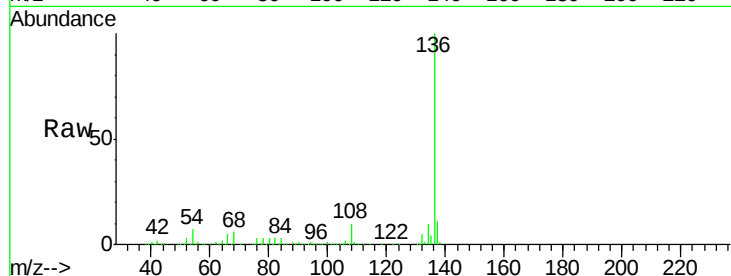
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 6.8 7.4 11.2#

68 6.0 6.0 9.0

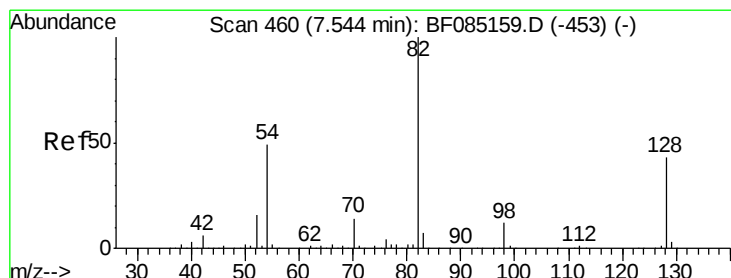
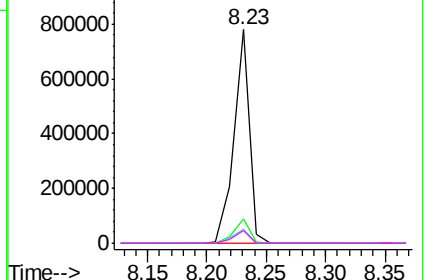
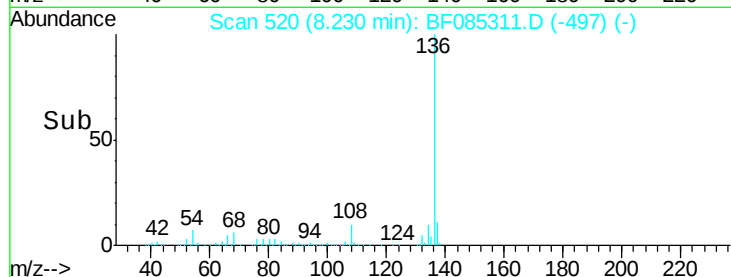


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.71 ng

RT: 7.51 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF085311.D

Acq: 9 Mar 2016 21:06

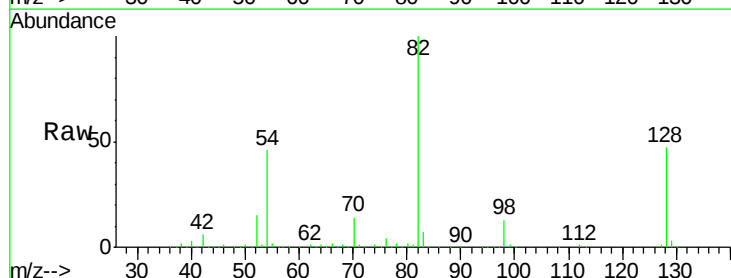
Tgt Ion: 82 Resp: 1181151

Ion Ratio Lower Upper

82 100

128 47.1 34.5 51.7

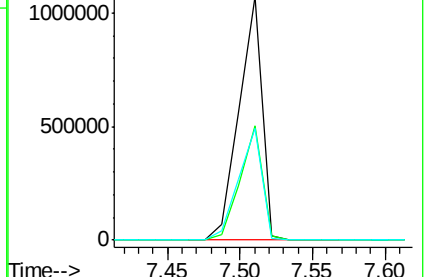
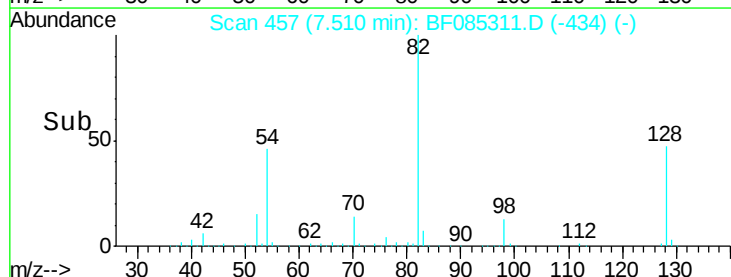
54 45.8 39.3 58.9

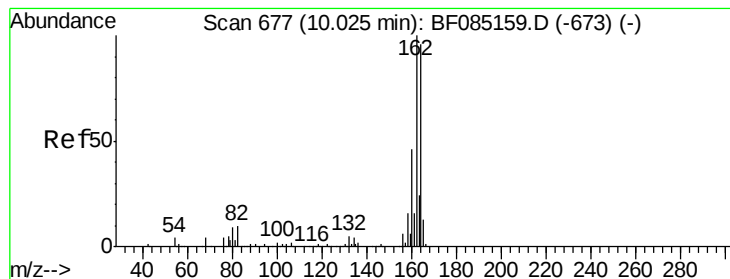


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF085311.D

Acq: 9 Mar 2016 21:06

Instrument :

BNA_F

ClientSampleId :

UST-SW-SW

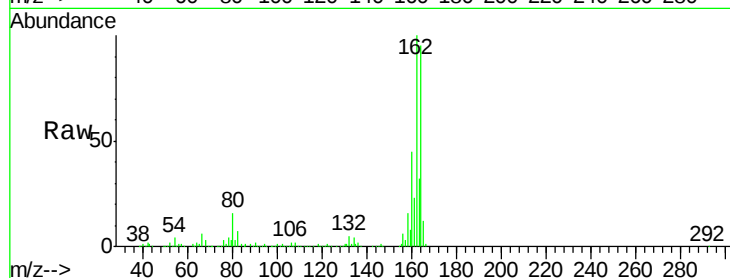
Tgt Ion:164 Resp: 329519

Ion Ratio Lower Upper

164 100

162 105.3 83.3 124.9

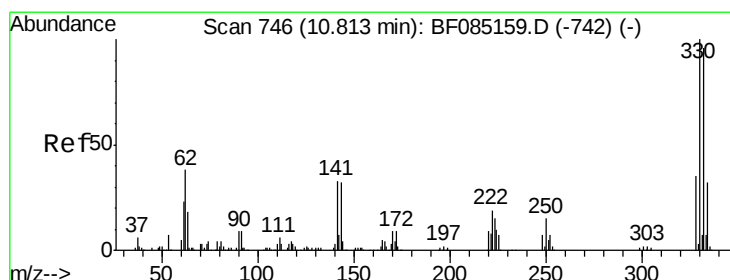
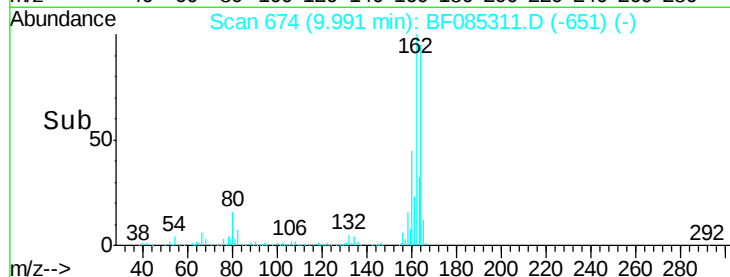
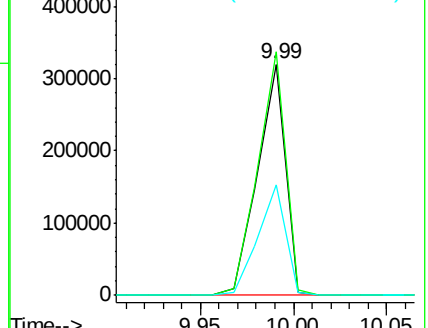
160 47.7 37.9 56.9



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: 149.50 ng

RT: 10.78 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF085311.D

Acq: 9 Mar 2016 21:06

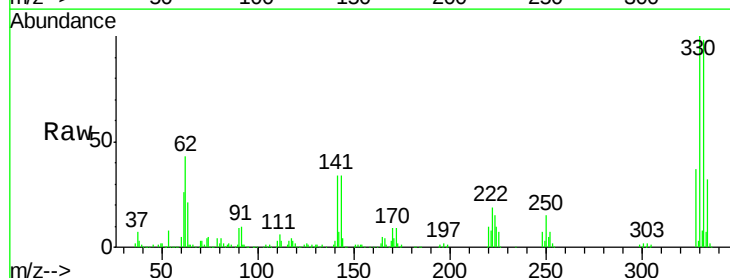
Tgt Ion:330 Resp: 421522

Ion Ratio Lower Upper

330 100

332 98.4 77.1 115.7

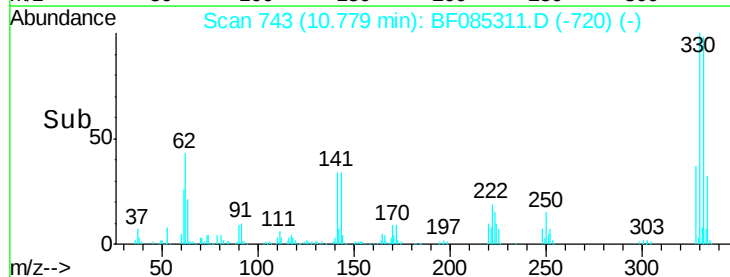
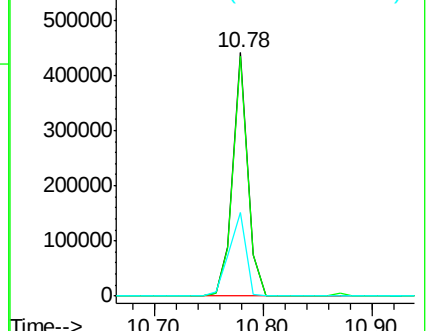
141 38.6 35.0 52.6

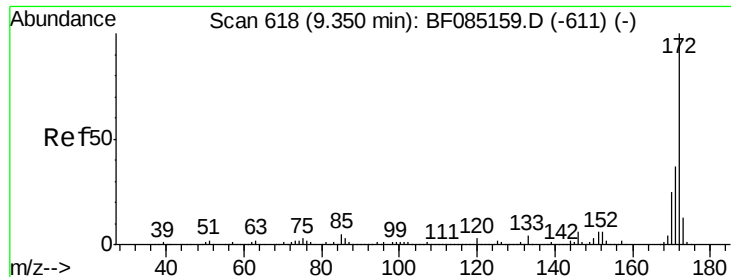


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

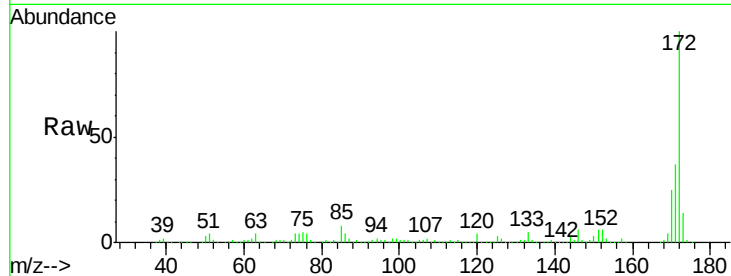




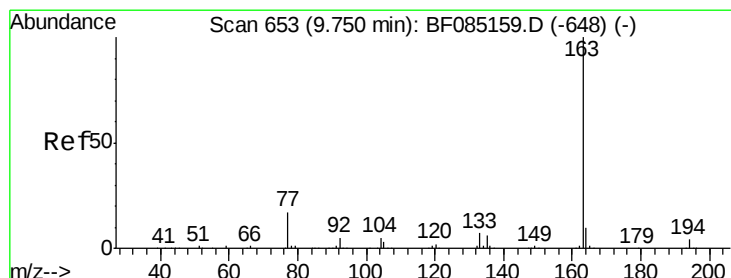
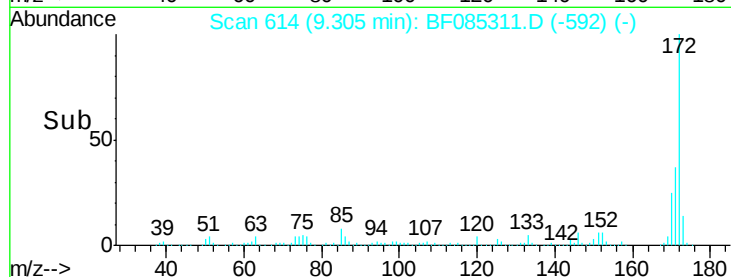
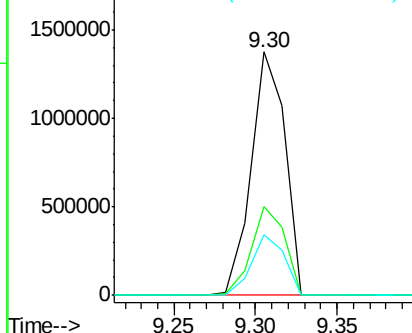
#44
2-Fluorobiphenyl
Concen: 90.94 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085311.D
Acq: 9 Mar 2016 21:06

Instrument :
BNA_F
ClientSampleId :
UST-SW-SW

Tgt Ion:172 Resp: 1970488
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.7 20.0 30.0

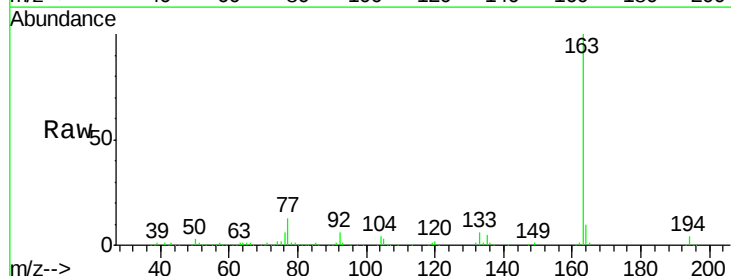


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

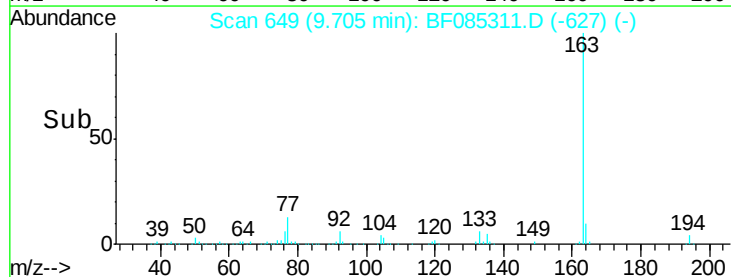
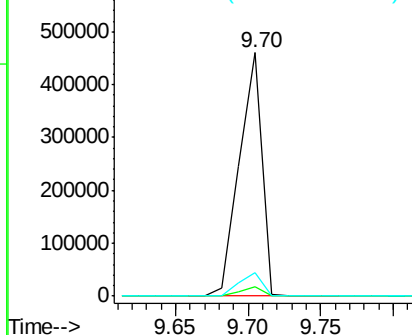


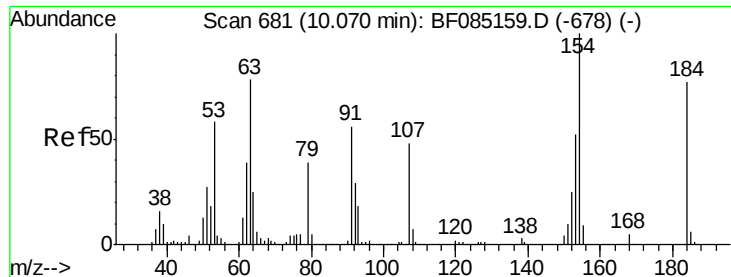
#49
Dimethylphthalate
Concen: 19.66 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085311.D
Acq: 9 Mar 2016 21:06

Tgt Ion:163 Resp: 497129
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 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

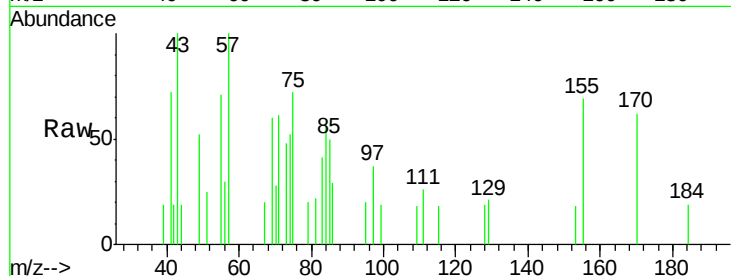




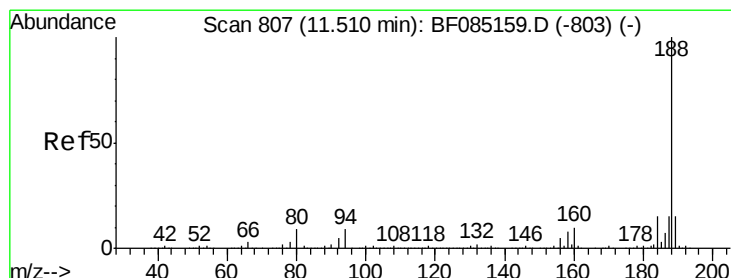
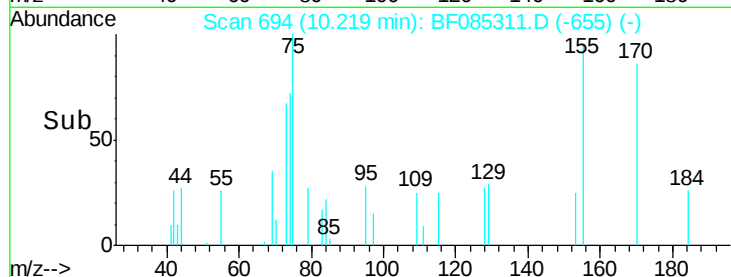
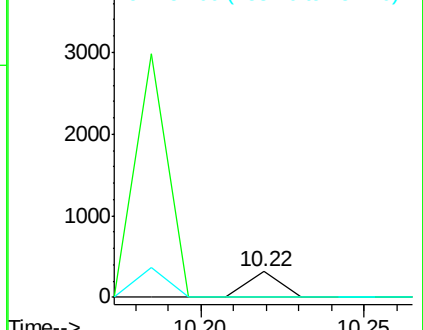
#53
 2,4-Dinitrophenol
 Concen: 8.10 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.15 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SW

Tgt Ion:184 Resp: 215
 Ion Ratio Lower Upper
 184 100
 63 0.0 82.2 123.4#
 154 0.0 108.9 163.3#

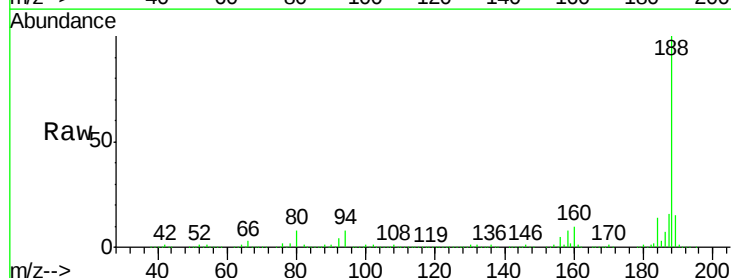


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

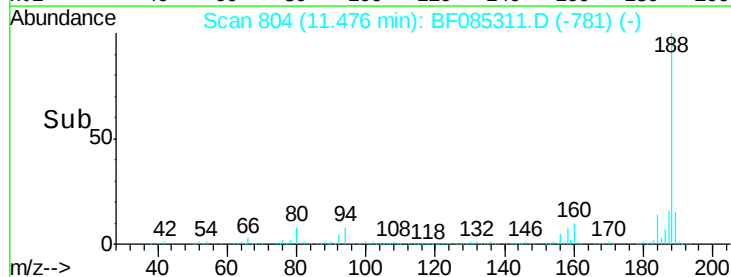
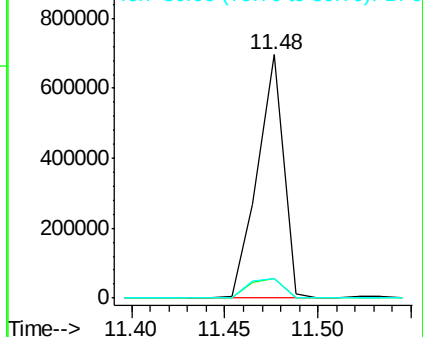


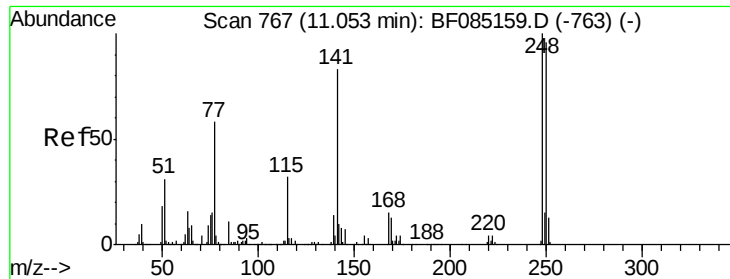
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Tgt Ion:188 Resp: 674221
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.0 10.6
 80 8.2 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

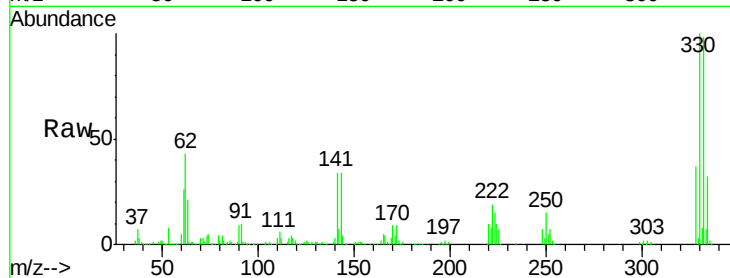




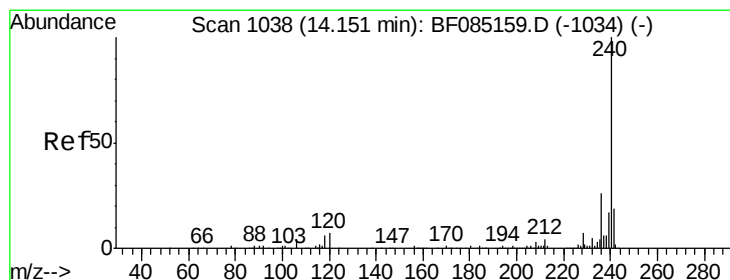
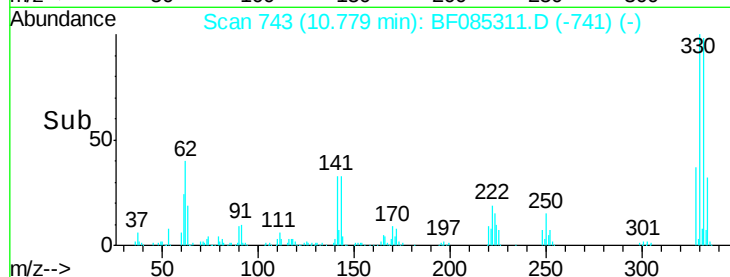
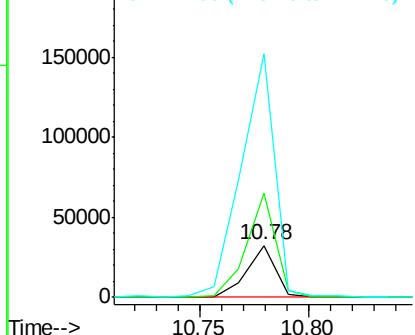
#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.27 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SW

Tgt Ion:248 Resp: 30252
 Ion Ratio Lower Upper
 248 100
 250 202.1 77.1 115.7#
 141 470.2 66.2 99.2#

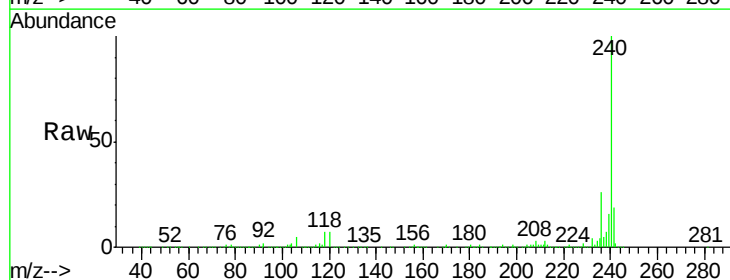


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

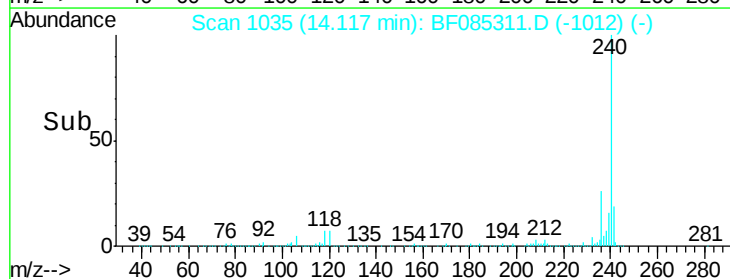
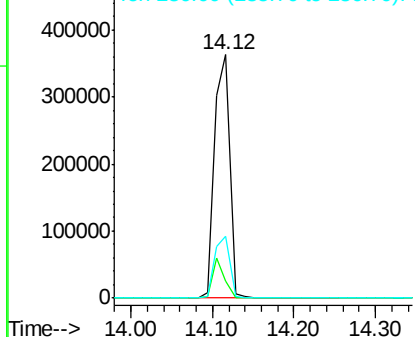


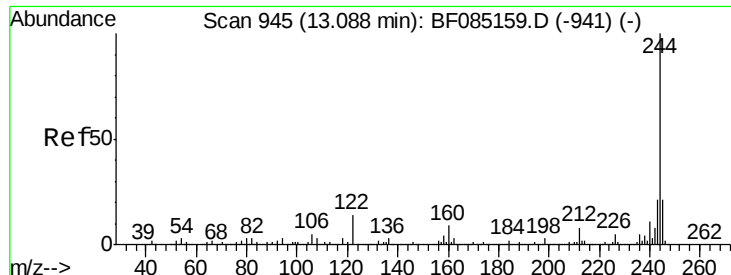
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Tgt Ion:240 Resp: 471675
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.3 7.9
 236 25.5 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

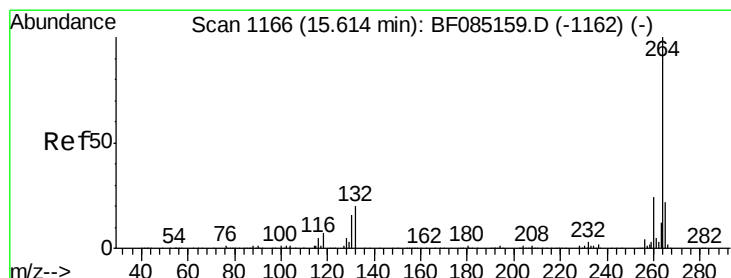
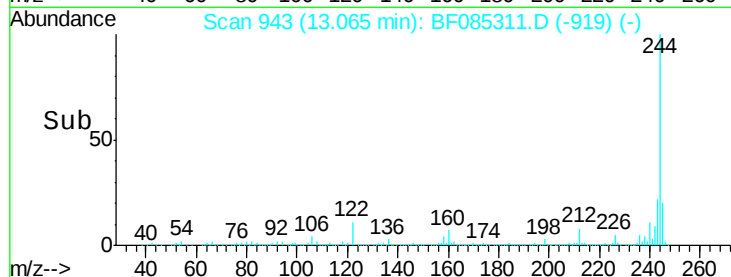
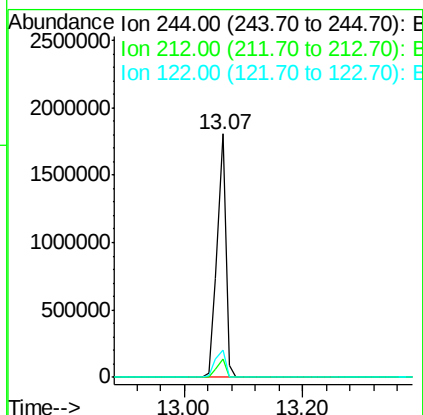
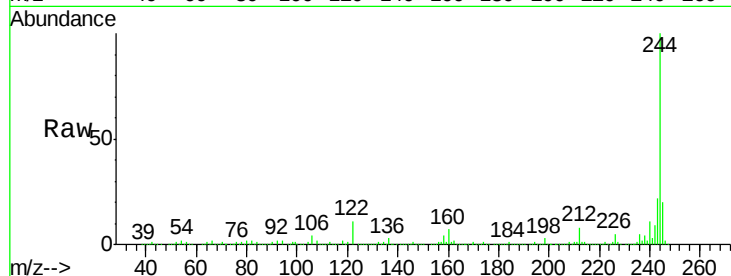




#78
 Terphenyl-d14
 Concen: 90.41 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

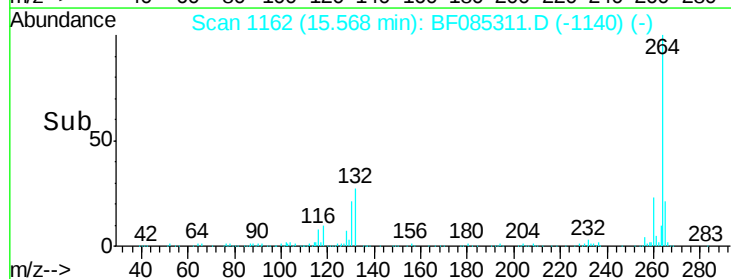
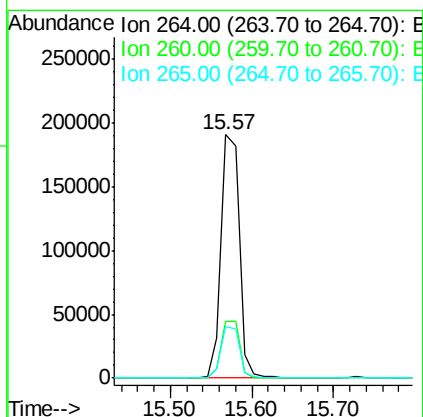
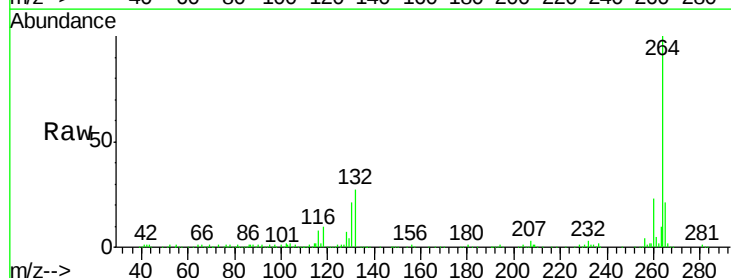
Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SW

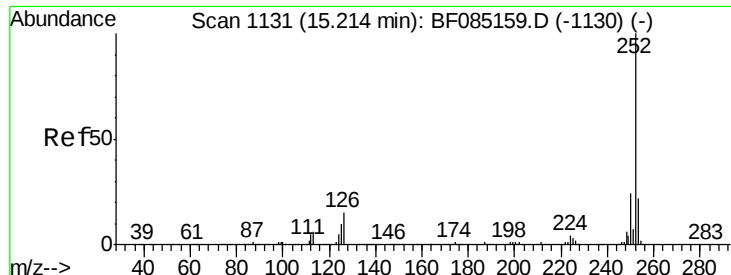
Tgt Ion:244 Resp: 1837051
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Tgt Ion:264 Resp: 297097
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.0 17.3 25.9





#88
 Benzo(k)fluoranthene
 Concen: 2.15 ng
 RT: 15.15 min Scan# 1125
 Delta R.T. -0.07 min
 Lab File: BF085311.D
 Acq: 9 Mar 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SW

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	14.6	10.4	15.6

