

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085313.D
 Acq On : 9 Mar 2016 22:03
 Operator : UM/SJ
 Sample : H1724-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-NE

Quant Time: Mar 09 23:51:58 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

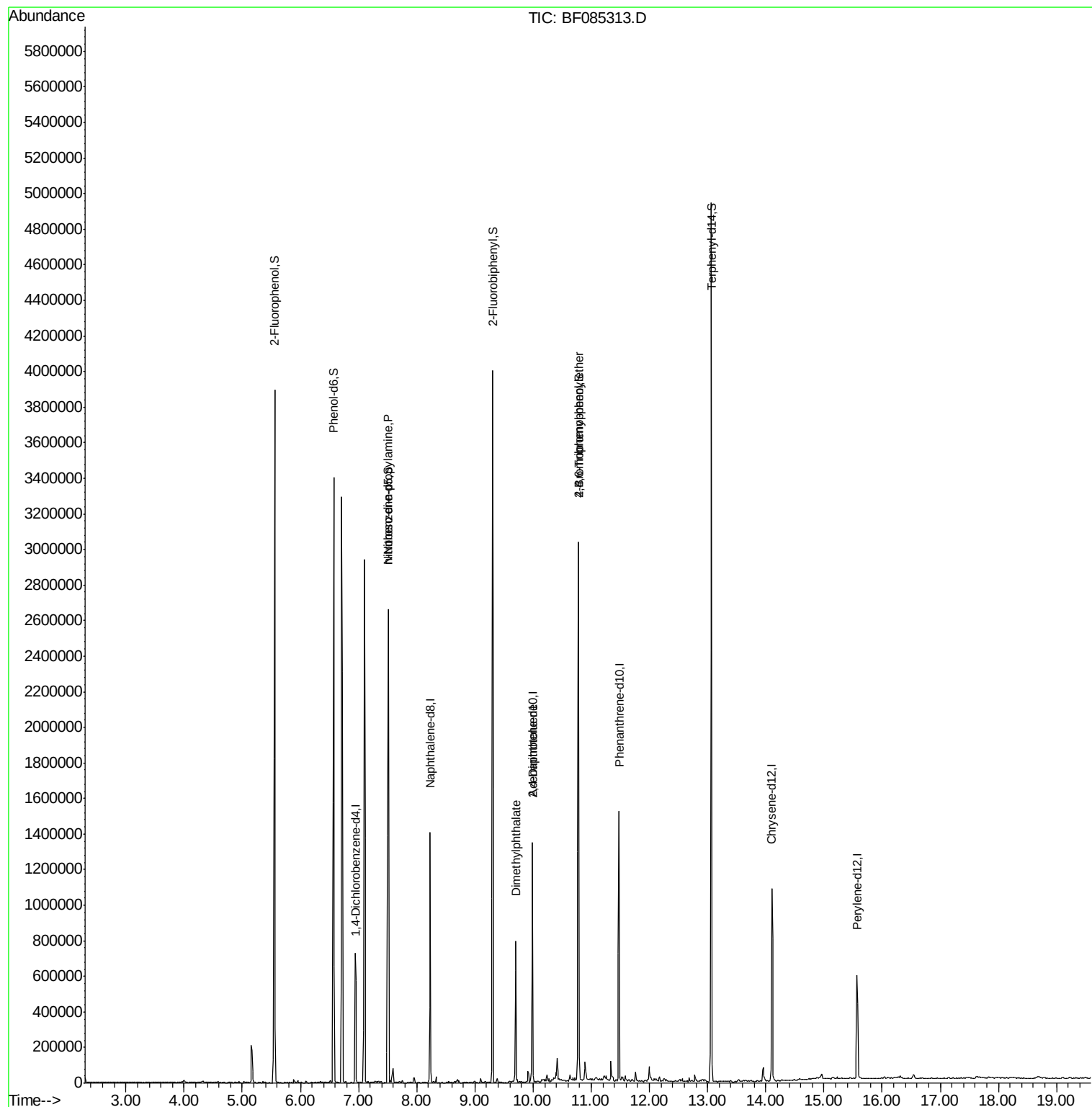
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	154319	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	651305	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	318494	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	629668	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	476417	20.00	ng	-0.05
86) Perylene-d12	15.57	264	292239	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1260537	137.02	ng	-0.02
7) Phenol-d6	6.57	99	1526499	126.65	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1031570	84.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	396247	145.40	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1589429	75.90	ng	-0.05
78) Terphenyl-d14	13.06	244	1710970	83.37	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.49	77	973	Below Cal		Qvalue 99
19) n-Nitroso-di-n-propylamine	7.51	70	140125	17.84 ng	#	76
49) Dimethylphthalate	9.70	163	476877	19.51 ng		98
56) 2,4-Dinitrotoluene	9.99	165	40767	6.09 ng	#	22
66) 4-Bromophenyl-phenylether	10.78	248	28214	4.61 ng	#	1

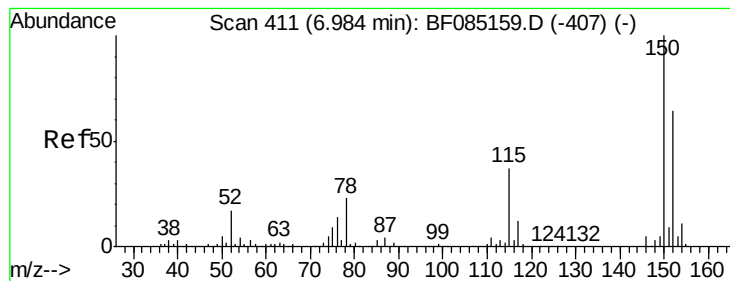
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



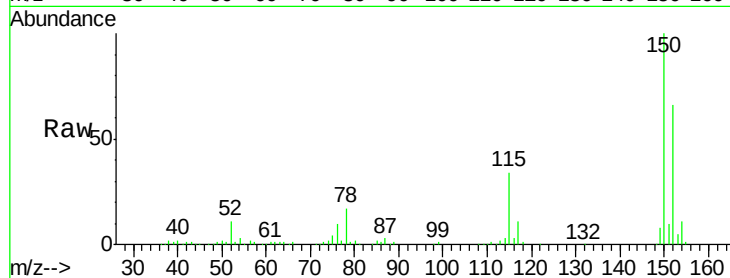


#1

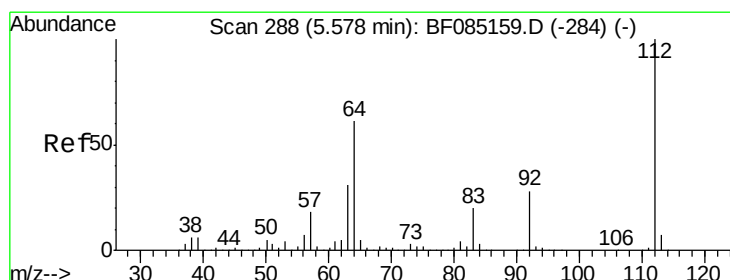
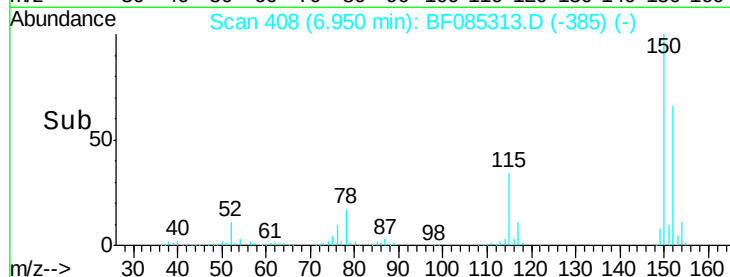
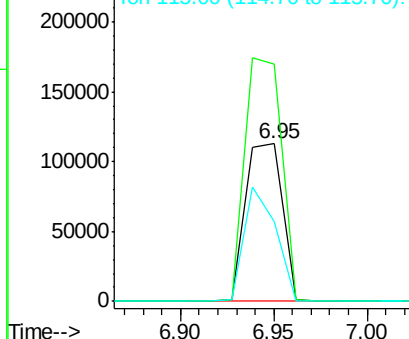
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF085313.D
Acq: 9 Mar 2016 22:03

Instrument :
BNA_F
ClientSampleId :
UST-SW-NE

Tgt Ion:152 Resp: 154319
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 50.7 46.6 70.0



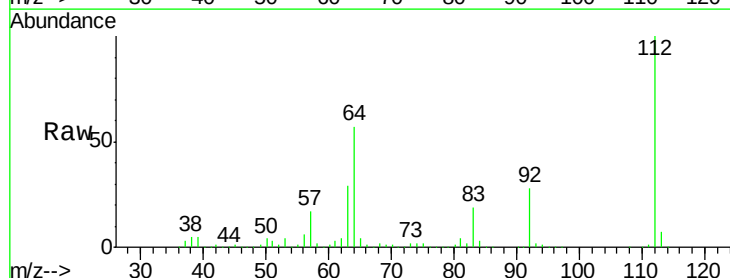
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



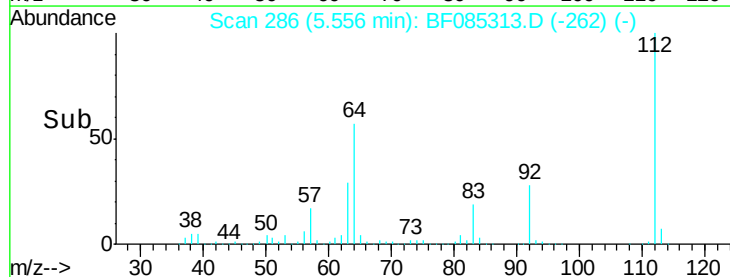
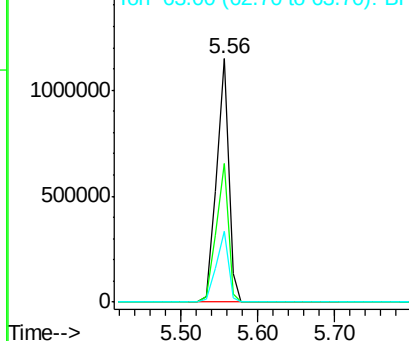
#5

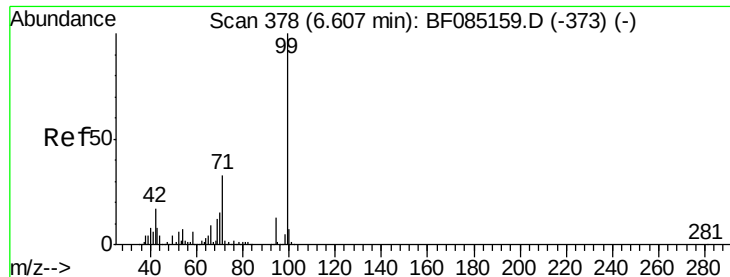
2-Fluorophenol
Concen: 137.02 ng
RT: 5.56 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF085313.D
Acq: 9 Mar 2016 22:03

Tgt Ion:112 Resp: 1260537
Ion Ratio Lower Upper
112 100
64 57.2 49.0 73.4
63 29.0 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: 126.65 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085313.D

Acq: 9 Mar 2016 22:03

Instrument :

BNA_F

ClientSampleId :

UST-SW-NE

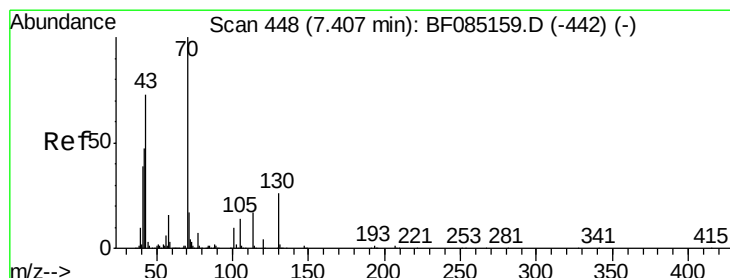
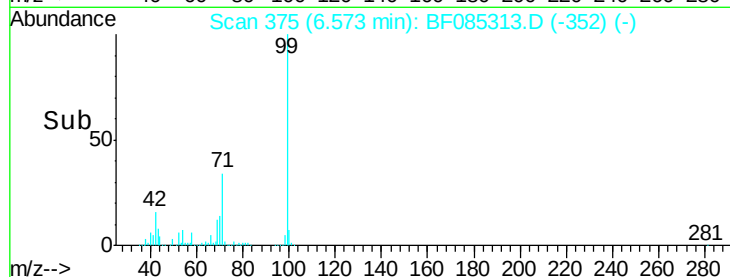
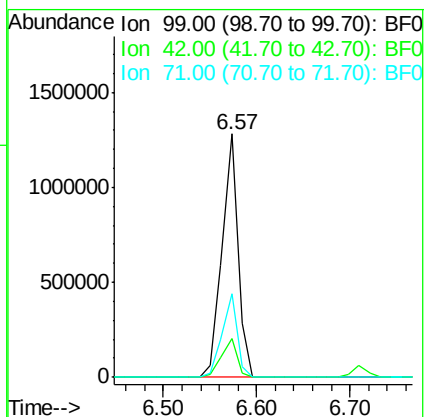
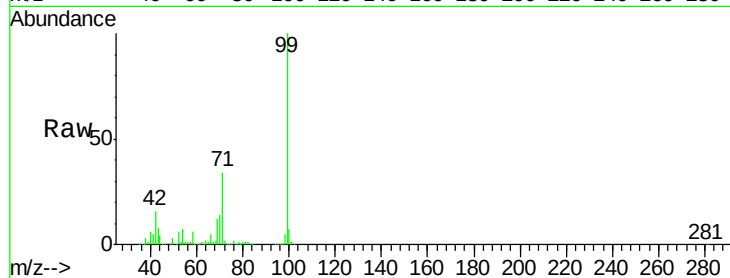
Tgt Ion: 99 Resp: 1526499

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 34.3 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 17.84 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF085313.D

Acq: 9 Mar 2016 22:03

Tgt Ion: 70 Resp: 140125

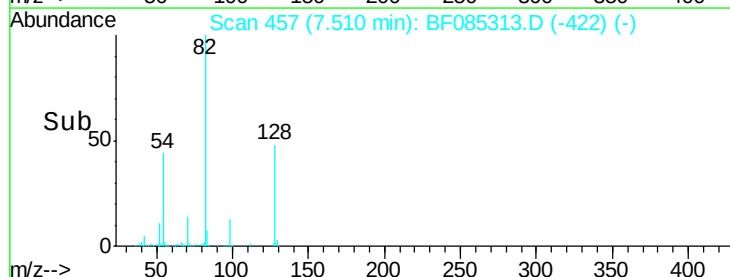
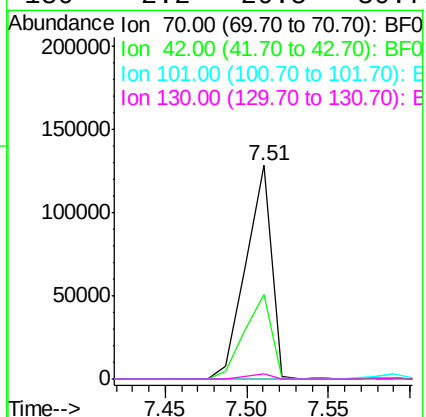
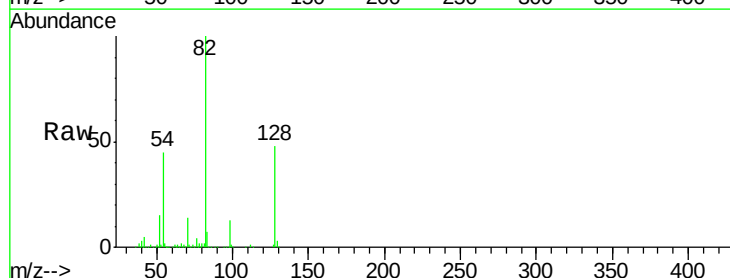
Ion Ratio Lower Upper

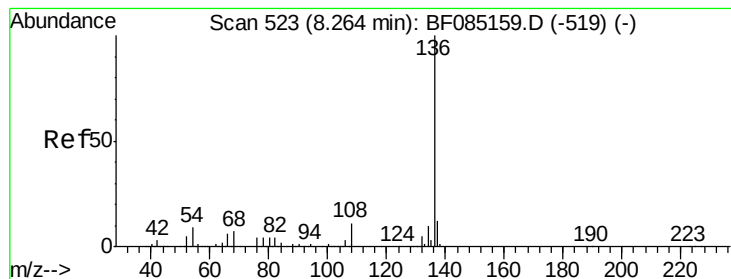
70 100

42 39.8 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: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085313.D

Acq: 9 Mar 2016 22:03

Instrument :

BNA_F

ClientSampled :

UST-SW-NE

Tgt Ion:136 Resp: 651305

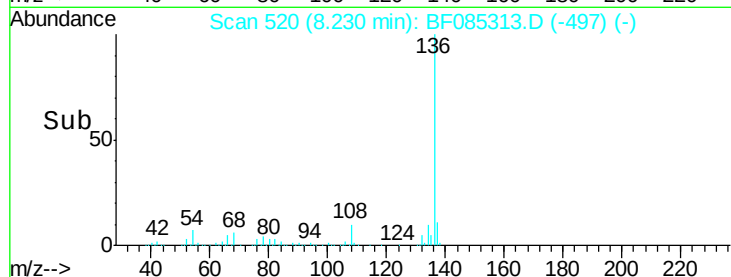
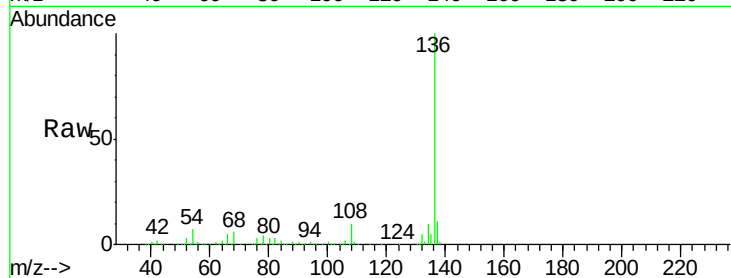
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 6.8 7.4 11.2#

68 5.8 6.0 9.0#

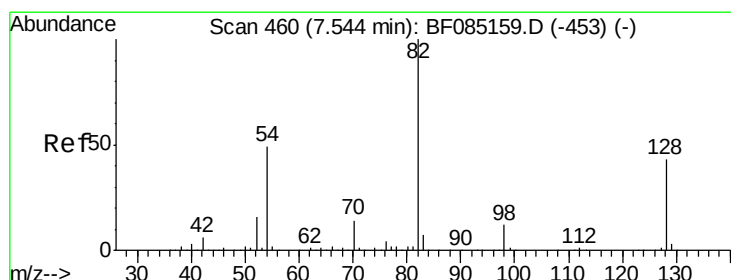
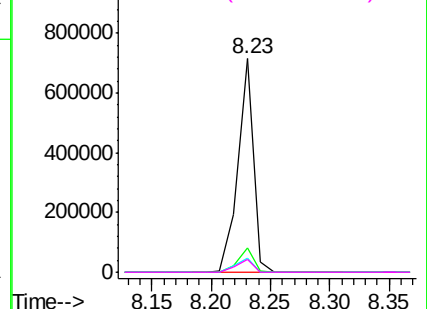


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.75 ng

RT: 7.51 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF085313.D

Acq: 9 Mar 2016 22:03

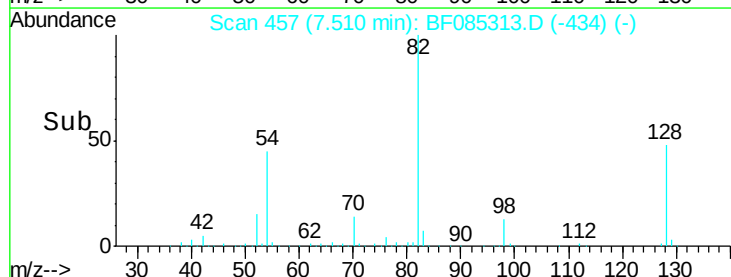
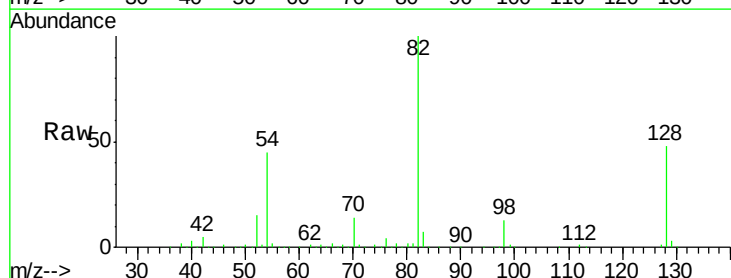
Tgt Ion: 82 Resp: 1031570

Ion Ratio Lower Upper

82 100

128 47.7 34.5 51.7

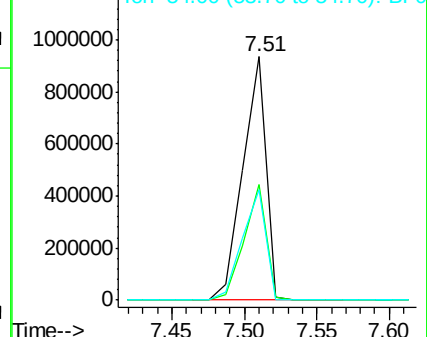
54 45.5 39.3 58.9

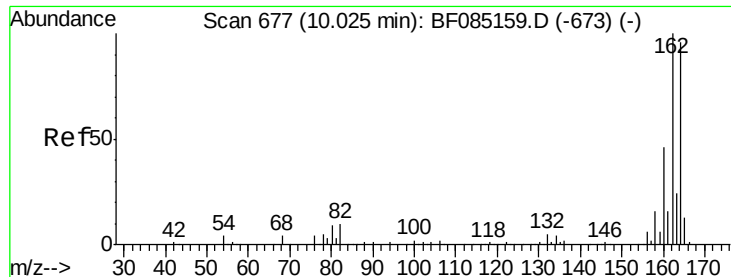


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF085313.D

Acq: 9 Mar 2016 22:03

Instrument :

BNA_F

ClientSampleId :

UST-SW-NE

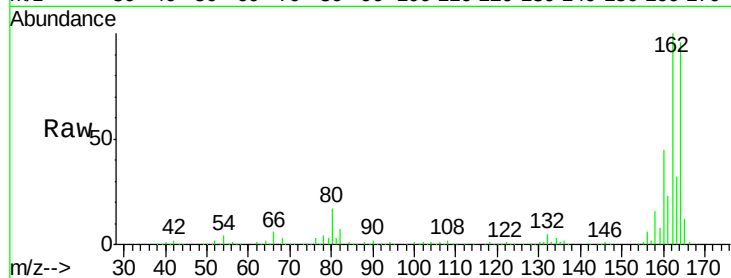
Tgt Ion:164 Resp: 318494

Ion Ratio Lower Upper

164 100

162 103.7 83.3 124.9

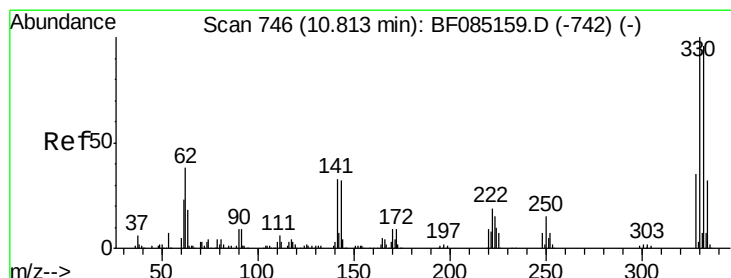
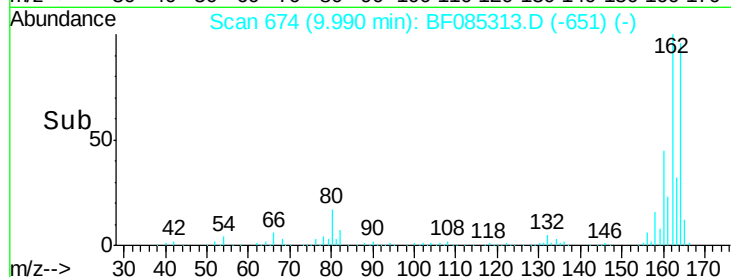
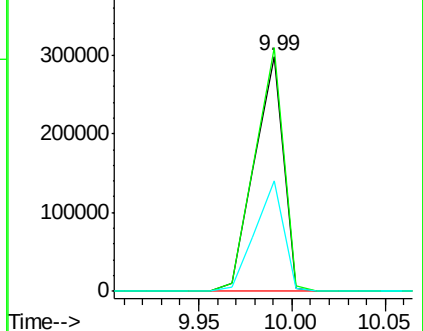
160 46.9 37.9 56.9



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: 145.40 ng

RT: 10.78 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF085313.D

Acq: 9 Mar 2016 22:03

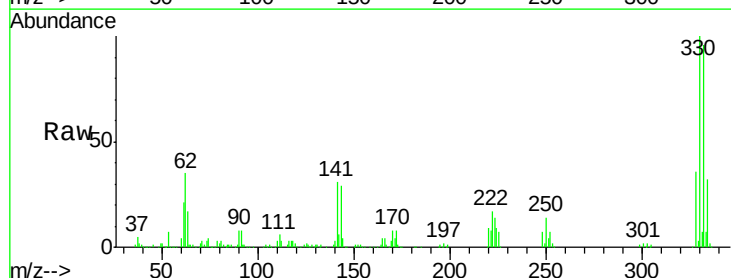
Tgt Ion:330 Resp: 396247

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

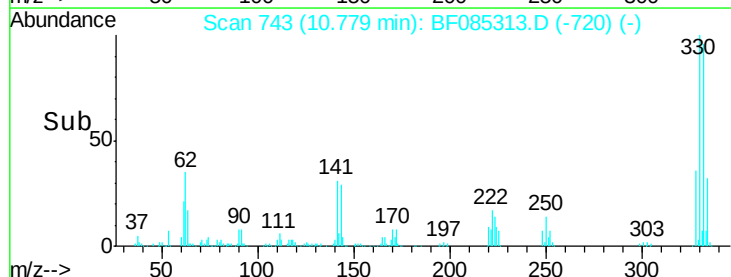
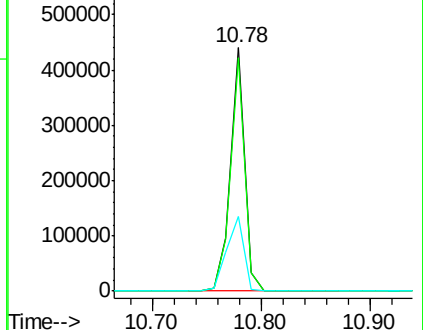
141 37.6 35.0 52.6

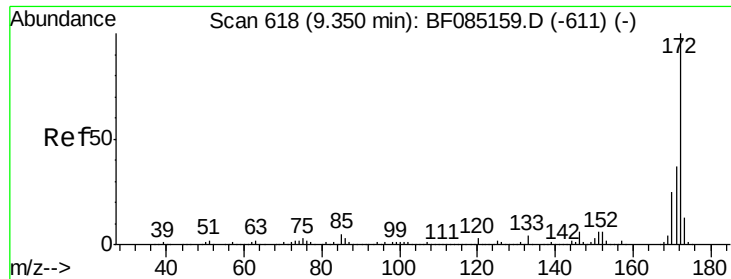


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

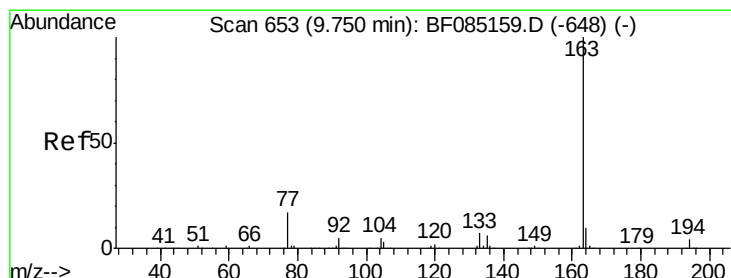
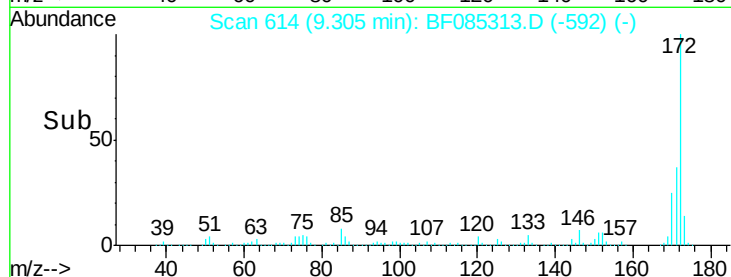
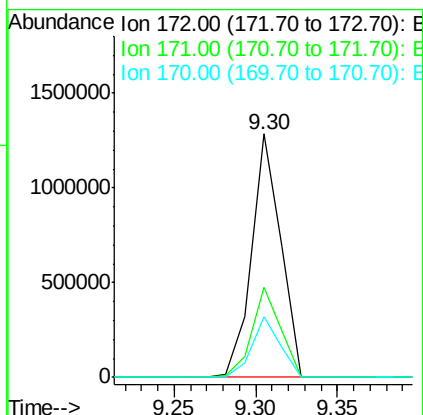
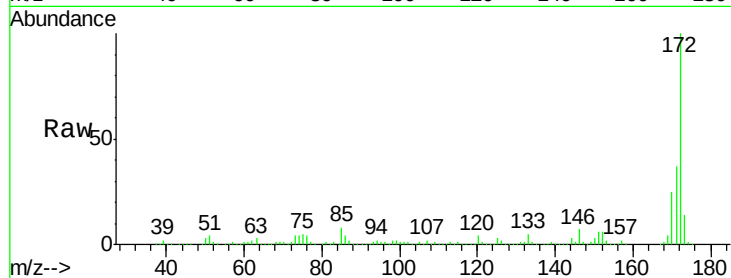




#44
2-Fluorobiphenyl
Concen: 75.90 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085313.D
Acq: 9 Mar 2016 22:03

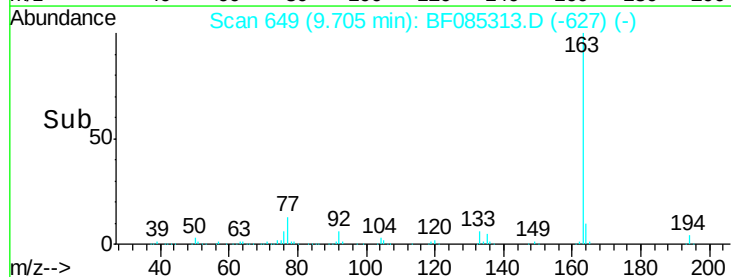
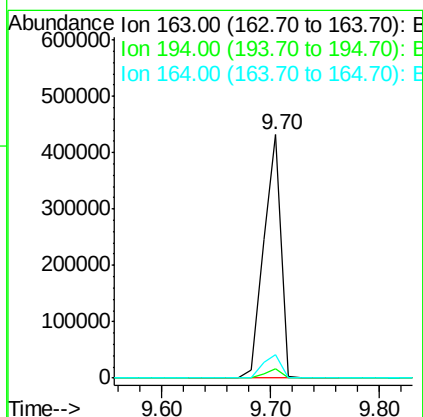
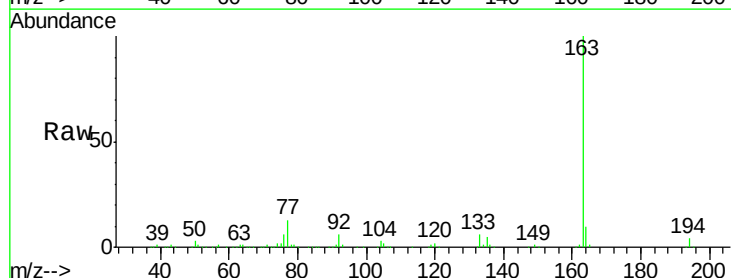
Instrument :
BNA_F
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UST-SW-NE

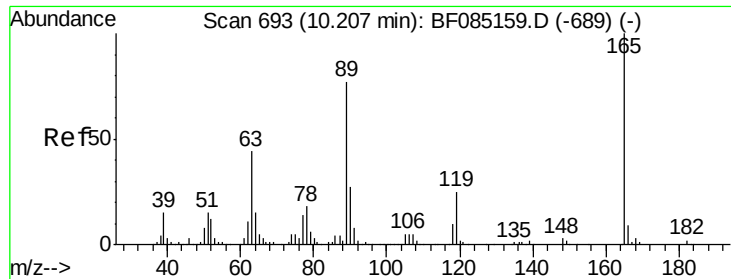
Tgt Ion:172 Resp: 1589429
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.8 20.0 30.0



#49
Dimethylphthalate
Concen: 19.51 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085313.D
Acq: 9 Mar 2016 22:03

Tgt Ion:163 Resp: 476877
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 8.2 12.4

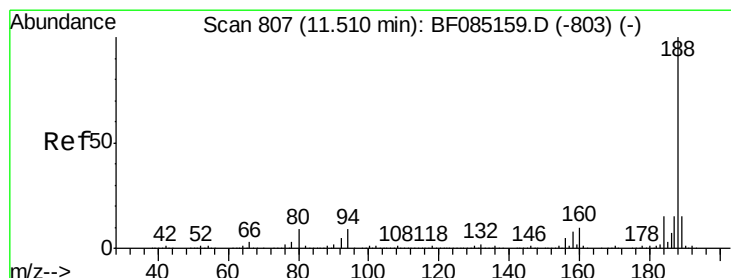
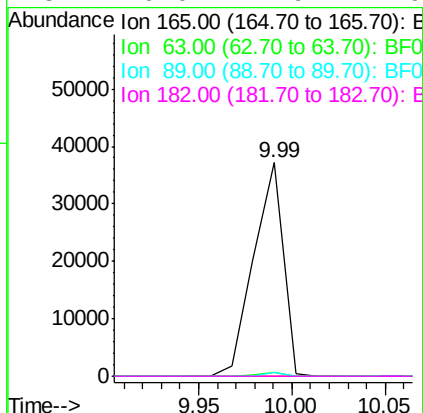
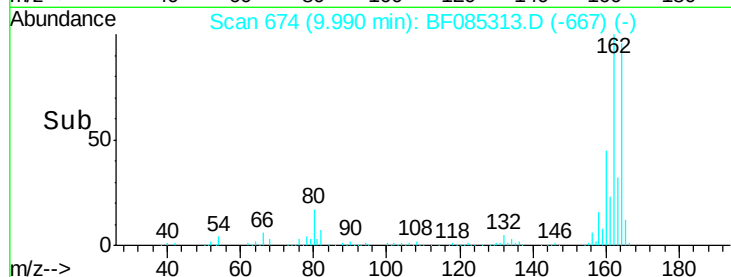
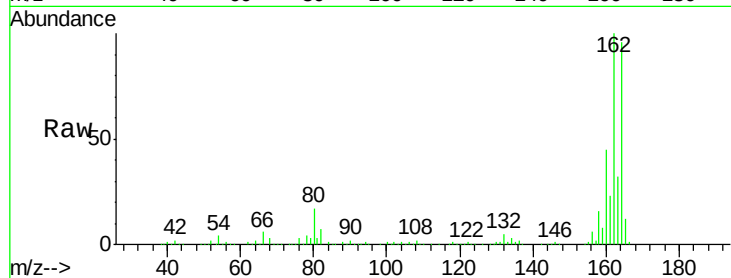




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF085313.D
 Acq: 9 Mar 2016 22:03

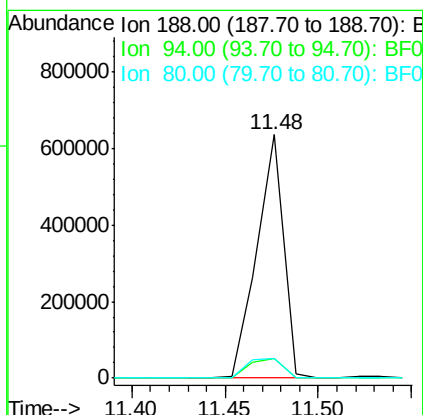
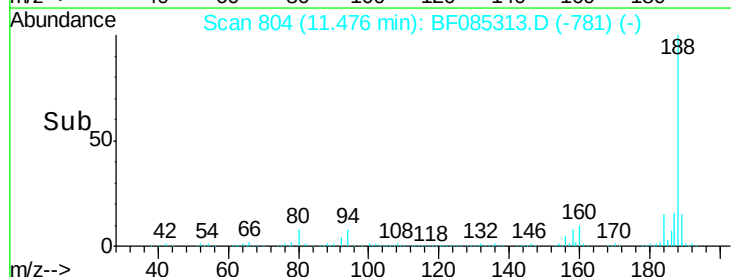
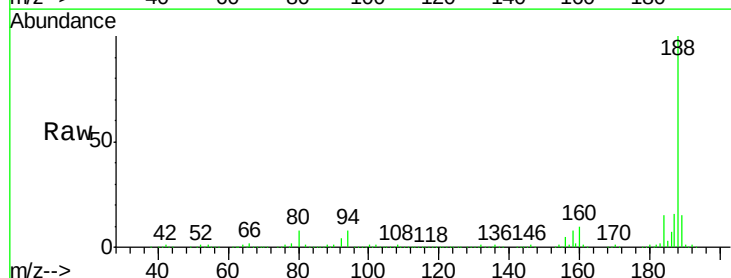
Instrument :
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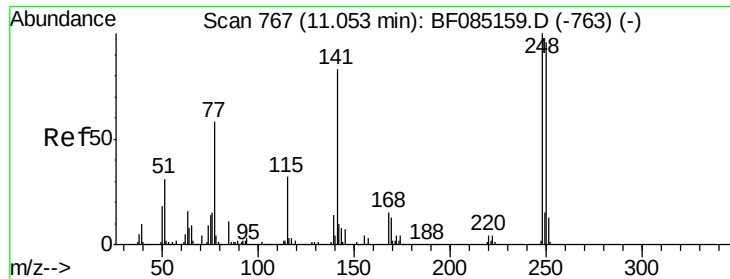
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	1.9	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF085313.D
 Acq: 9 Mar 2016 22:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.1	7.4	11.0

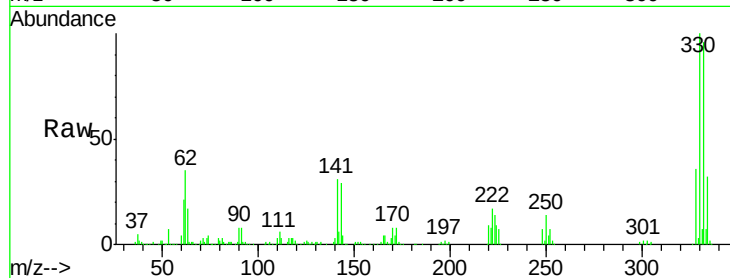




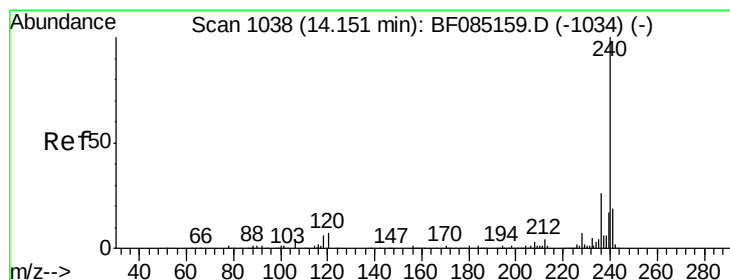
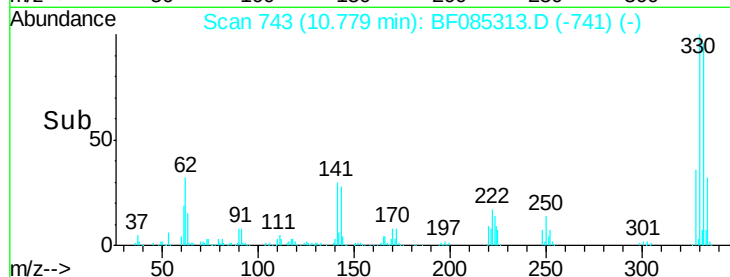
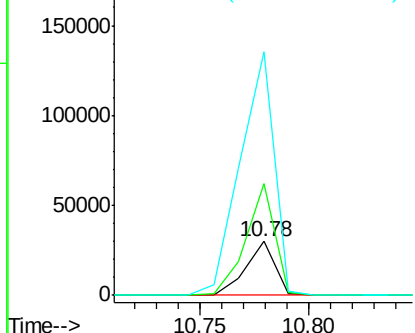
#66
 4-Bromophenyl-phenylether
 Concen: 4.61 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.27 min
 Lab File: BF085313.D
 Acq: 9 Mar 2016 22:03

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-NE

Tgt Ion:248 Resp: 28214
 Ion Ratio Lower Upper
 248 100
 250 207.3 77.1 115.7#
 141 451.0 66.2 99.2#

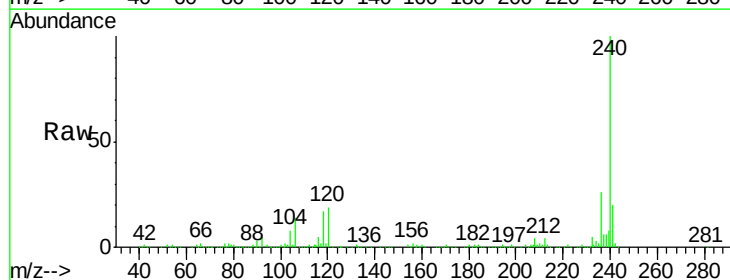


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

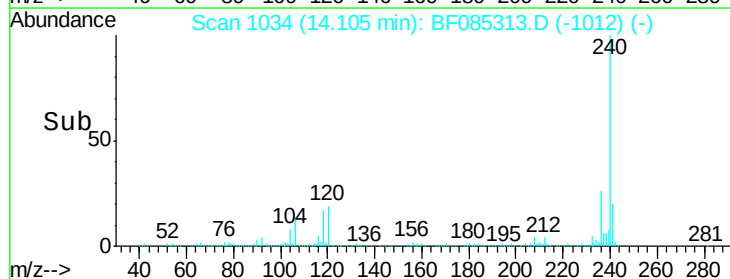
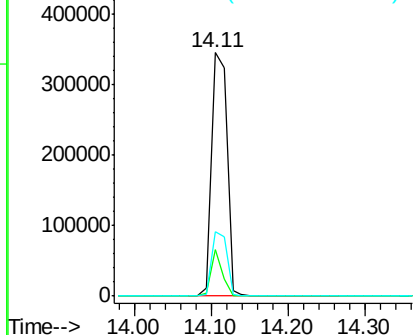


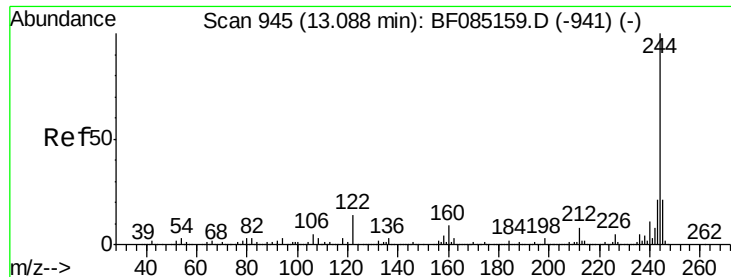
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF085313.D
 Acq: 9 Mar 2016 22:03

Tgt Ion:240 Resp: 476417
 Ion Ratio Lower Upper
 240 100
 120 19.3 5.3 7.9#
 236 26.3 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: 83.37 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085313.D

Acq: 9 Mar 2016 22:03

Instrument :

BNA_F

ClientSampleId :

UST-SW-NE

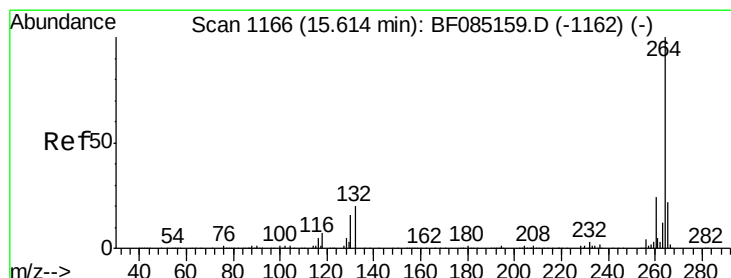
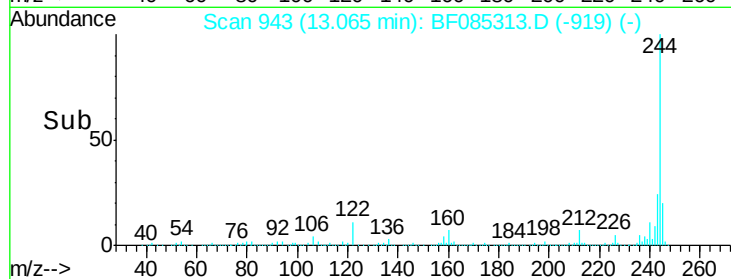
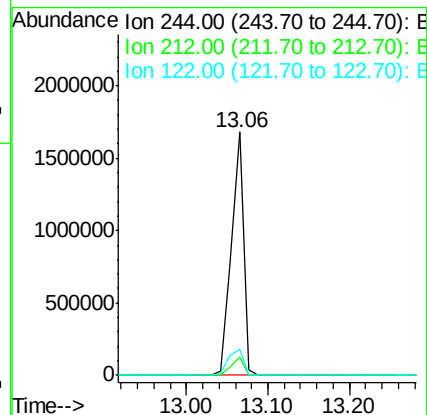
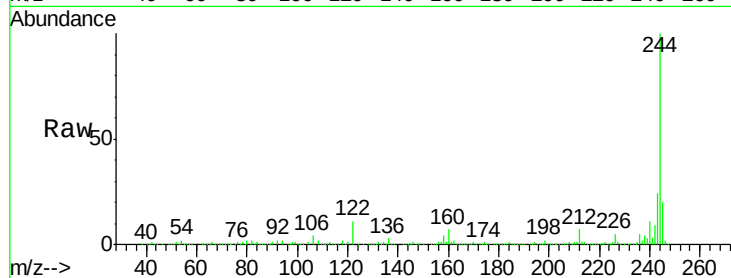
Tgt Ion:244 Resp: 1710970

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

122 10.8 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: BF085313.D

Acq: 9 Mar 2016 22:03

Tgt Ion:264 Resp: 292239

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 17.3 25.9

