

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081996.D
 Acq On : 2 Oct 2015 23:35
 Operator : UM/IZ
 Sample : G3887-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(15-16)

Quant Time: Oct 05 06:43:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

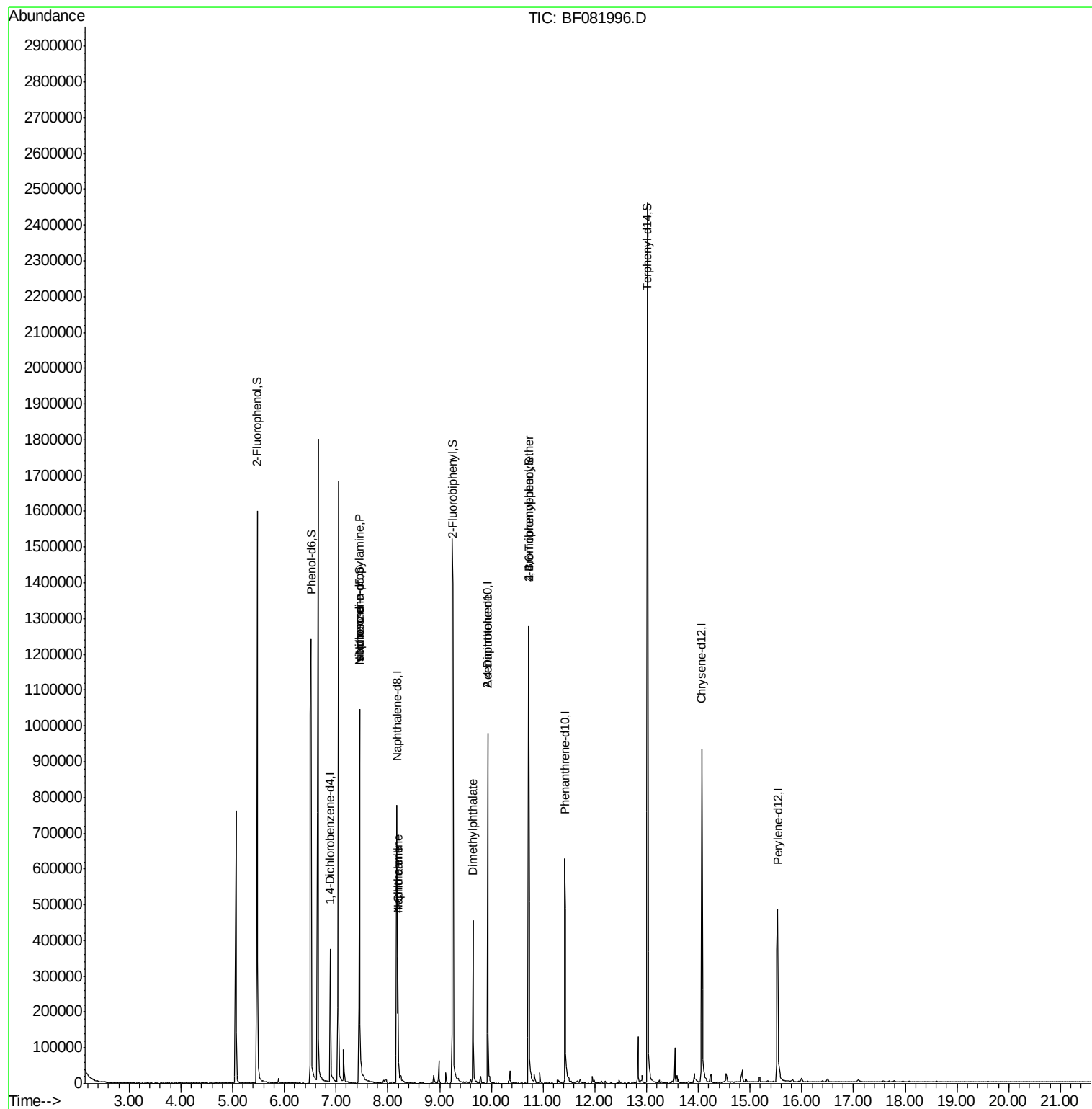
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93207	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	390478	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	203812	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	389730	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	416807	20.00	ng	-0.05
86) Perylene-d12	15.53	264	321591	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	484823	94.43	ng	-0.04
7) Phenol-d6	6.51	99	685761	106.14	ng	-0.05
23) Nitrobenzene-d5	7.45	82	411944	70.32	ng	-0.05
41) 2,4,6-Tribromophenol	10.72	330	190324	92.21	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	831145	65.22	ng	-0.05
78) Terphenyl-d14	13.02	244	919943	67.30	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	51645	13.15	ng	# 56
25) Isophorone	7.45	82	353216	30.42	ng	# 58
31) Naphthalene	8.19	128	173622	10.03	ng	# 99
33) 4-Chloroaniline	8.19	127	20660	2.76	ng	# 34
49) Dimethylphthalate	9.65	163	206452	14.67	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	25389	6.52	ng	# 33
57) Fluorene	10.48	166	3642	Below Cal		# 81
66) 4-Bromophenyl-phenylether	10.72	248	12300	3.13	ng	# 1
70) Phenanthrene	11.45	178	9373	Below Cal		# 90
73) Di-n-butylphthalate	11.99	149	5453	Below Cal		# 97

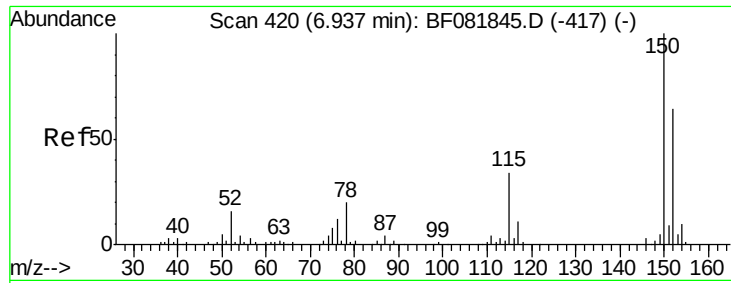
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(15-16)

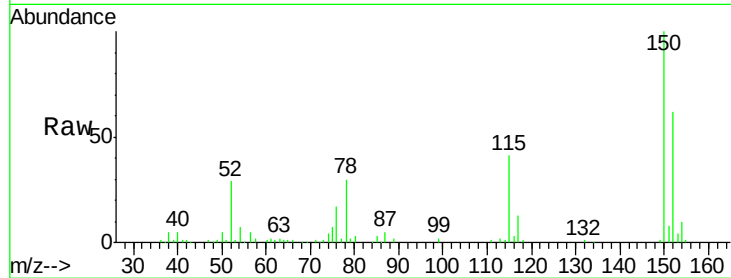
Tgt Ion:152 Resp: 93207

Ion Ratio Lower Upper

152 100

150 162.4 124.7 187.1

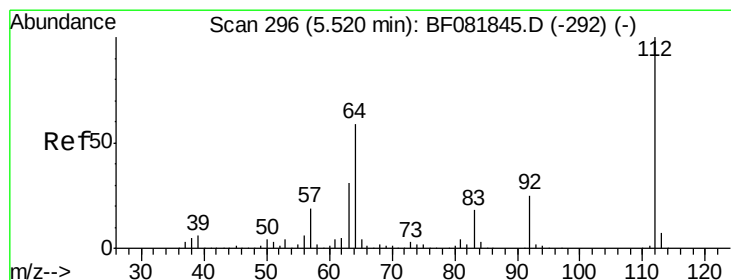
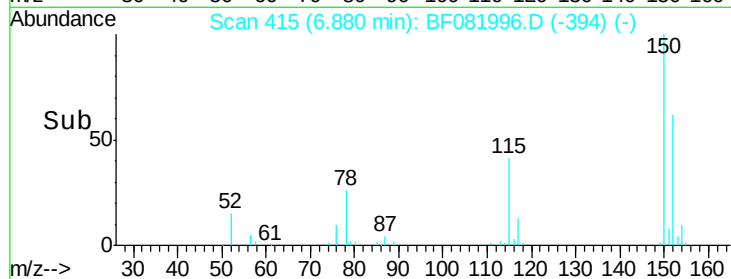
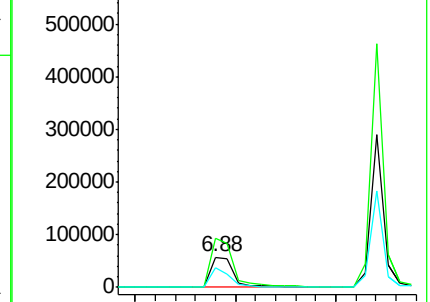
115 66.7 39.0 58.4#



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: 94.43 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

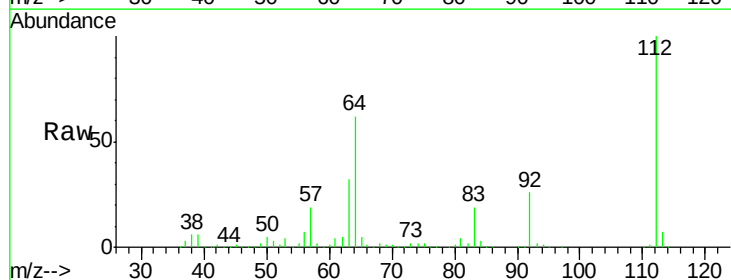
Tgt Ion:112 Resp: 484823

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

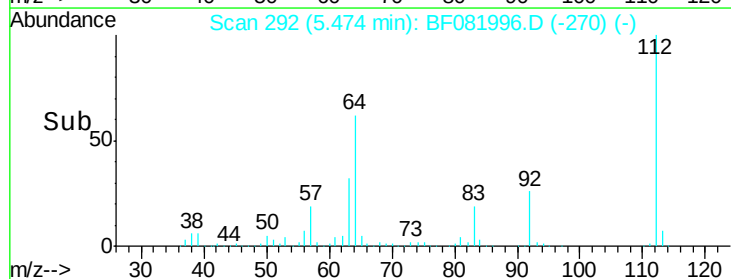
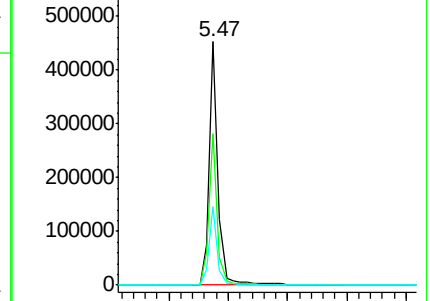
63 32.3 17.4 26.0#

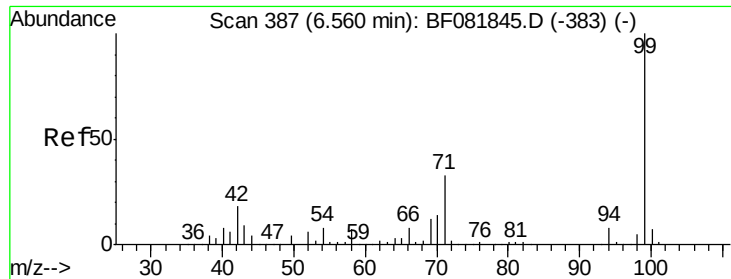


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.14 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(15-16)

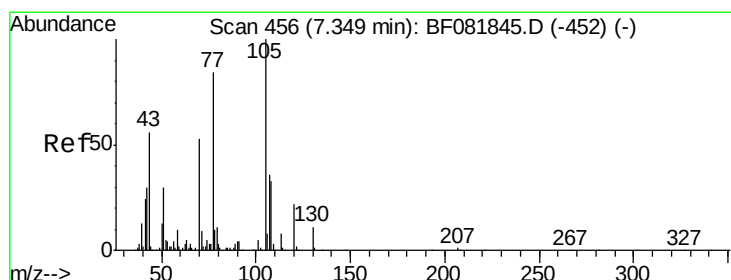
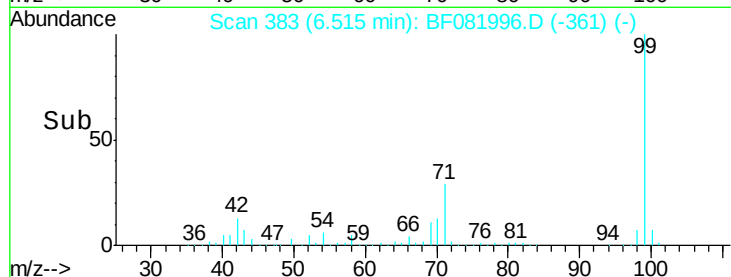
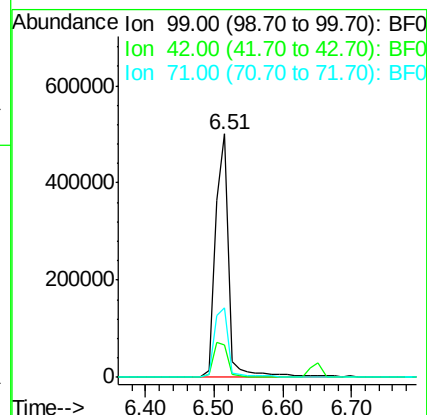
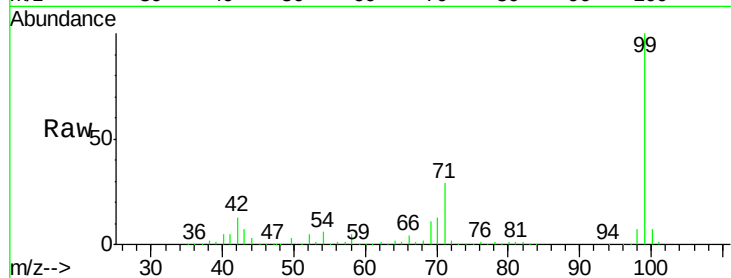
Tgt Ion: 99 Resp: 685761

Ion Ratio Lower Upper

99 100

42 13.3 13.7 20.5#

71 28.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.15 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Tgt Ion: 70 Resp: 51645

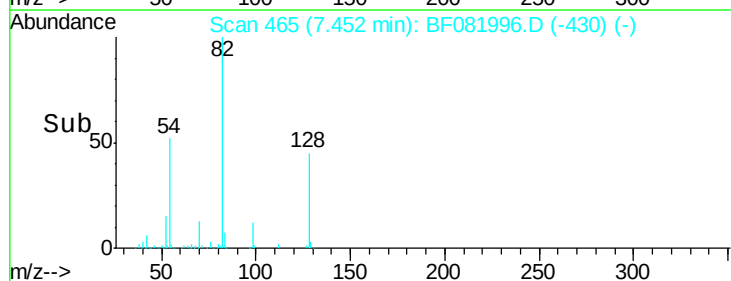
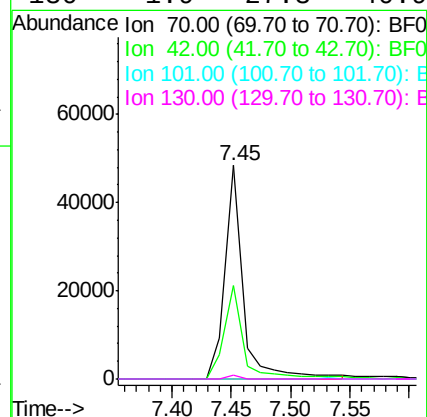
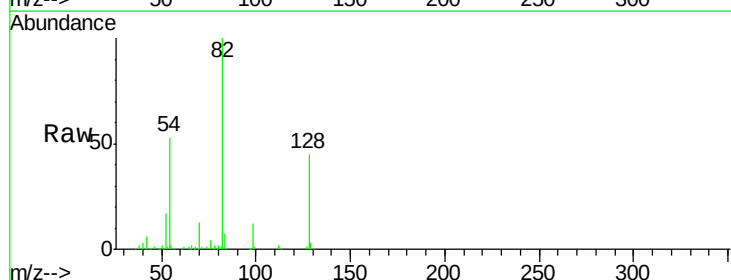
Ion Ratio Lower Upper

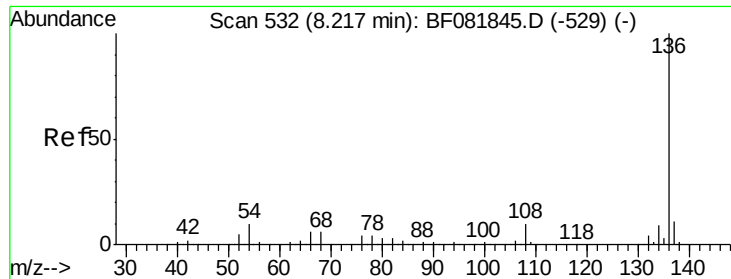
70 100

42 43.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

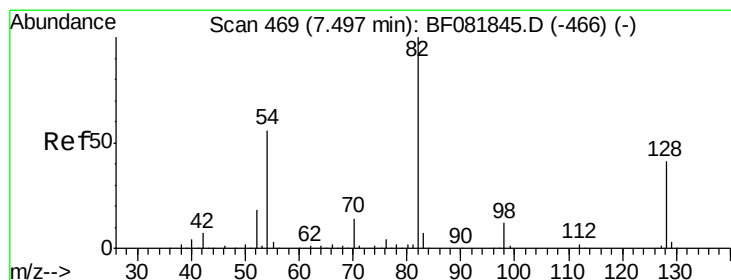
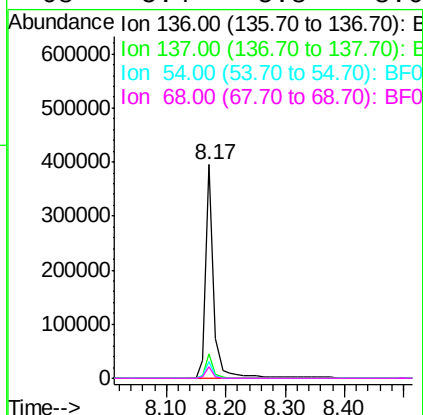
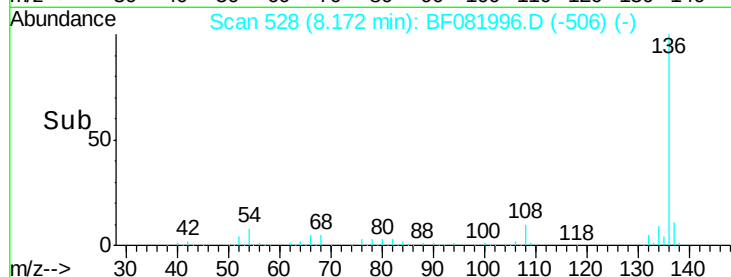
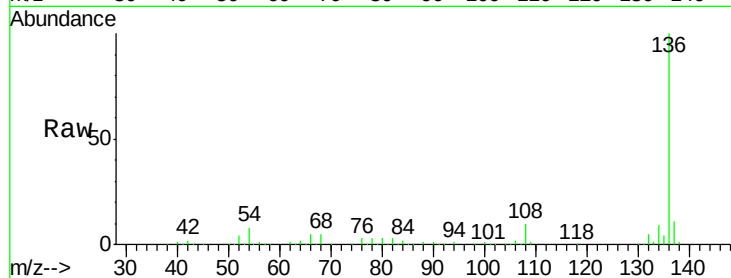




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

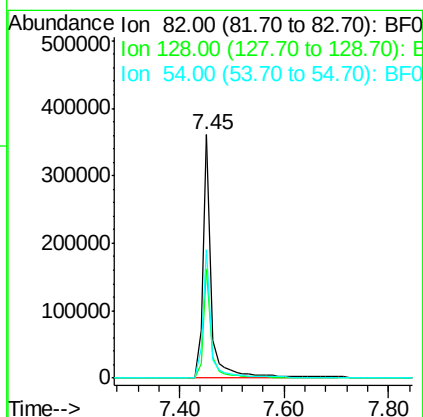
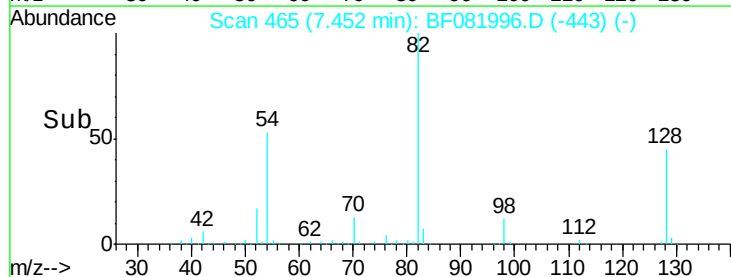
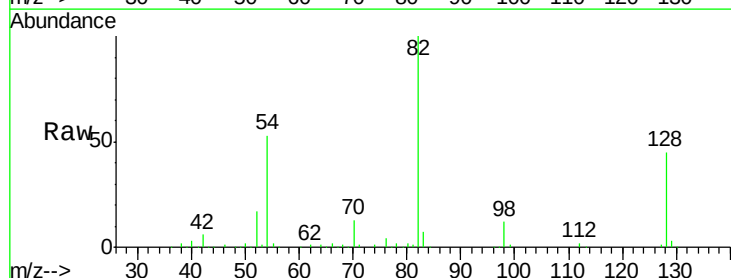
Instrument :
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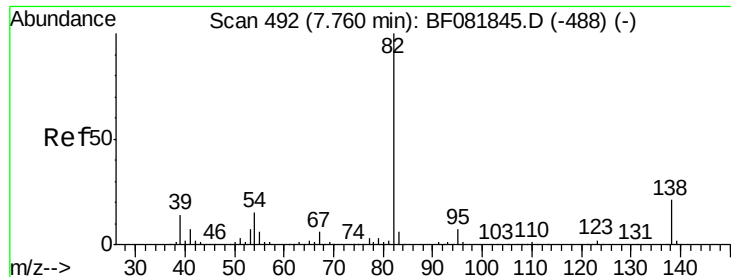
Tgt Ion: 136 Resp: 390478
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.0 8.2 12.2#
68 5.4 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 70.32 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Tgt Ion: 82 Resp: 411944
Ion Ratio Lower Upper
82 100
128 44.8 51.0 76.6#
54 52.7 47.5 71.3





#25

Isophorone

Concen: 30.42 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(15-16)

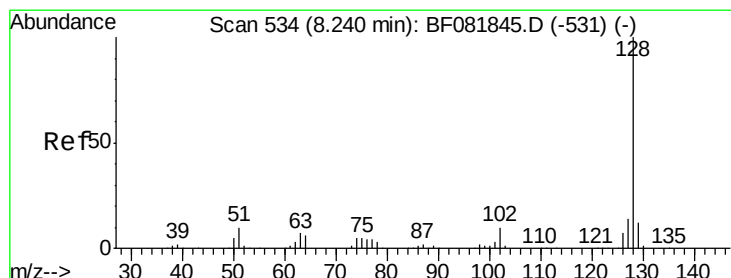
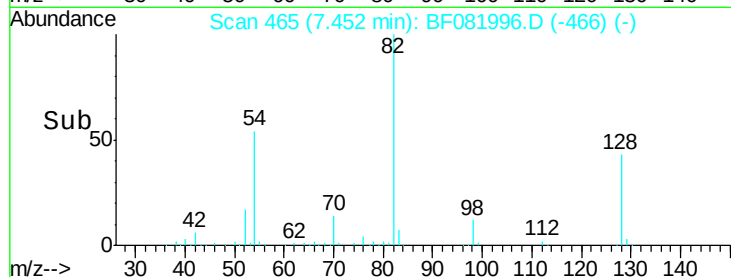
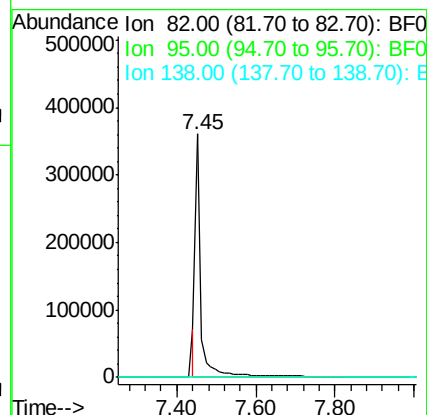
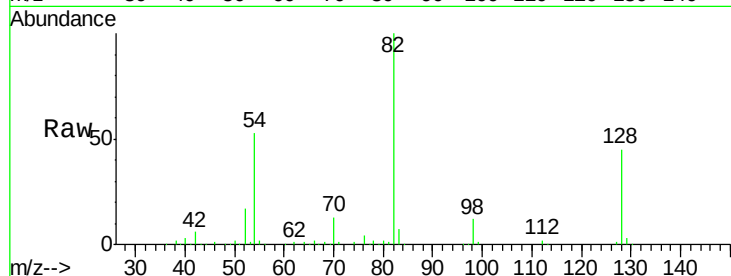
Tgt Ion: 82 Resp: 353216

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#31

Naphthalene

Concen: 10.03 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

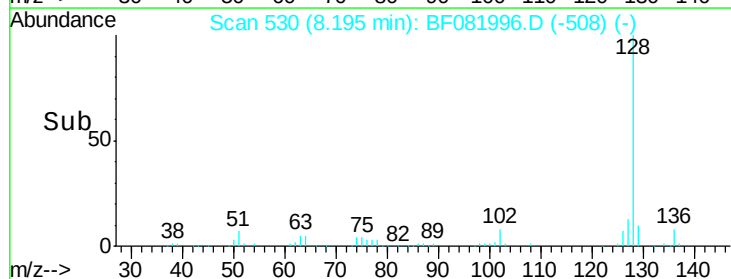
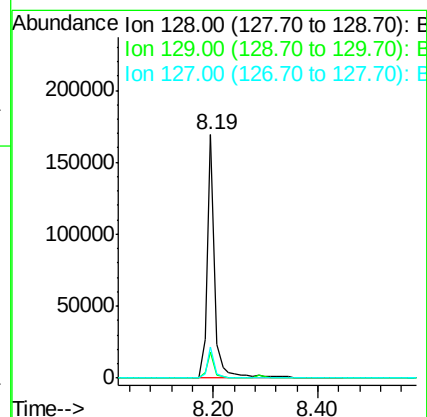
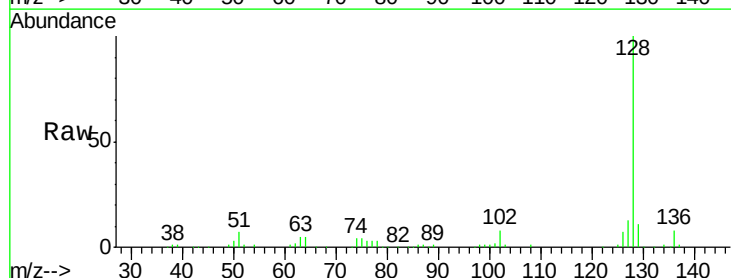
Tgt Ion: 128 Resp: 173622

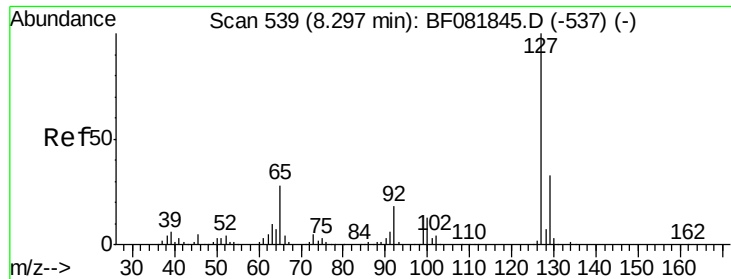
Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 12.9 9.9 14.9

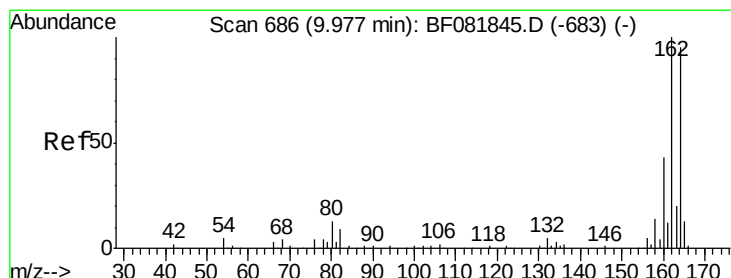
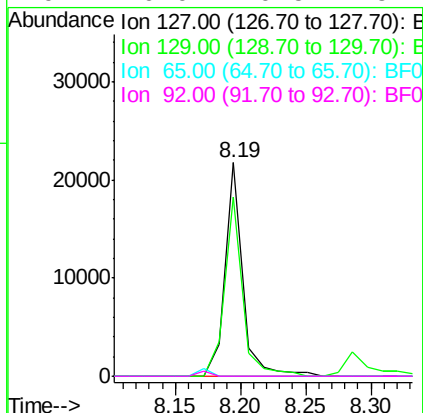
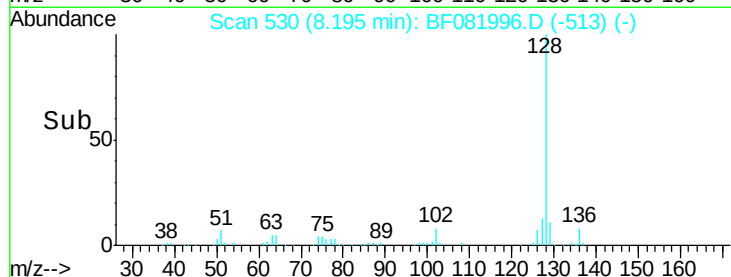
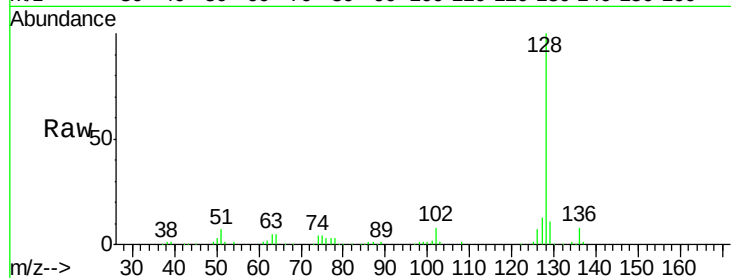




#33
4-Chloroaniline
Concen: 2.76 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

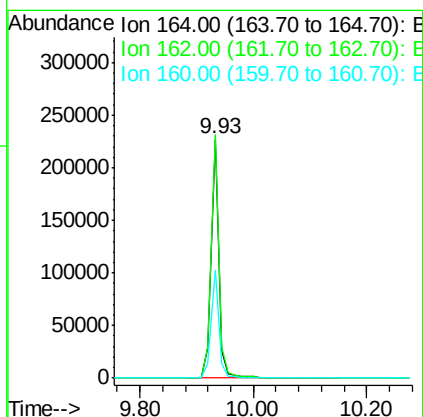
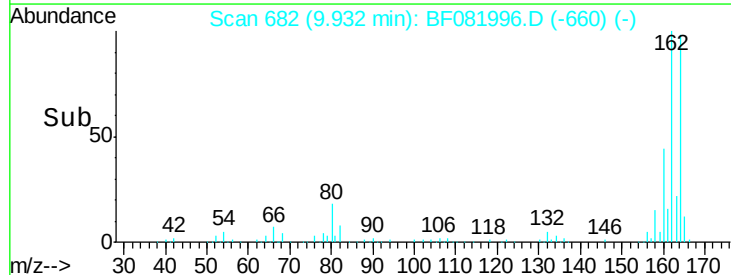
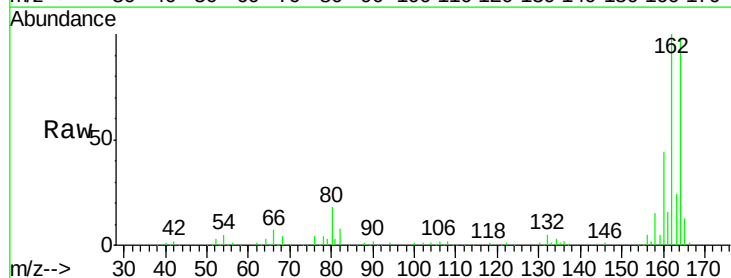
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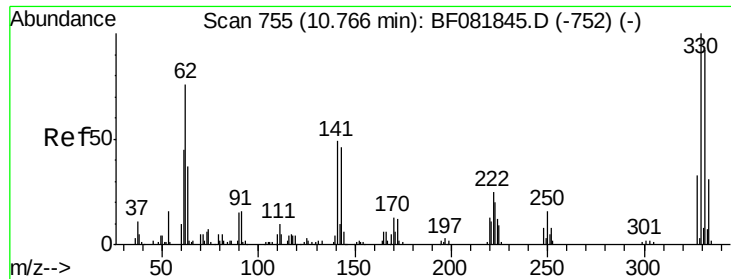
Tgt Ion:	127	Resp:	20660
Ion	Ratio	Lower	Upper
127	100		
129	83.9	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Tgt Ion:	164	Resp:	203812
Ion	Ratio	Lower	Upper
164	100		
162	102.1	75.2	112.8
160	45.4	31.5	47.3

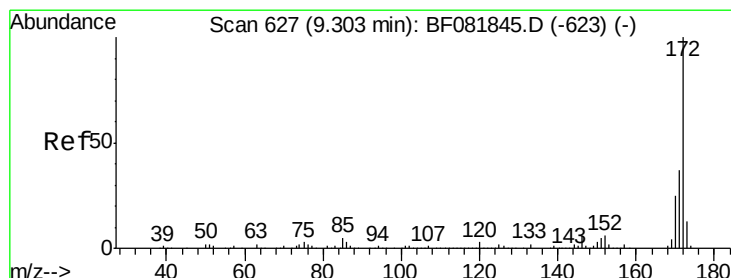
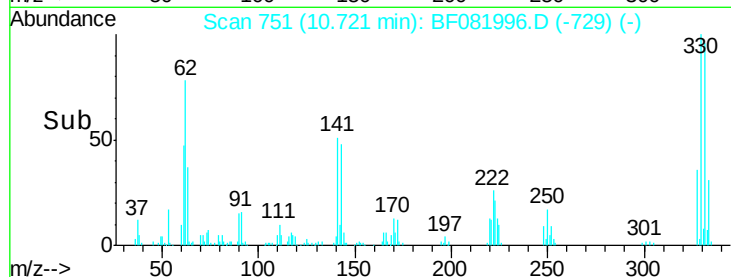
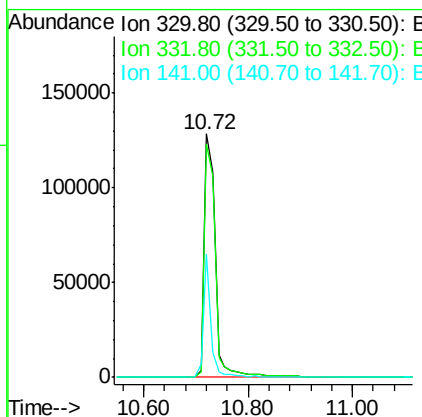
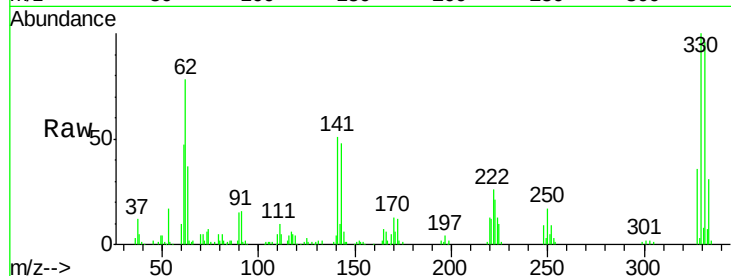




#41
 2,4,6-Tribromophenol
 Concen: 92.21 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

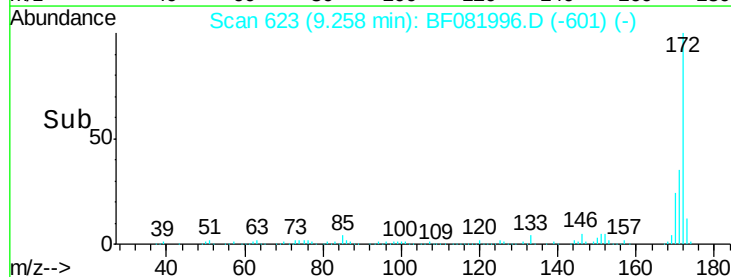
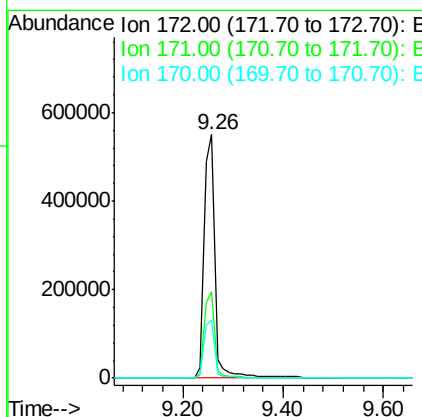
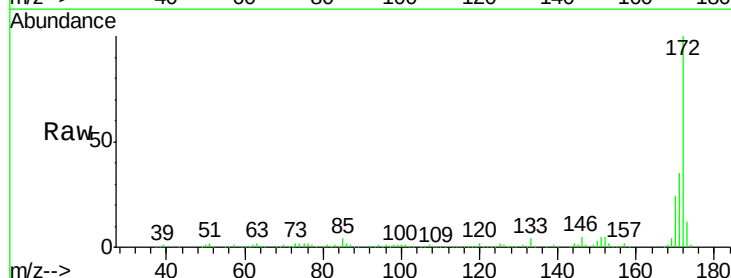
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 BNA_F
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 OS-SB-25(15-16)

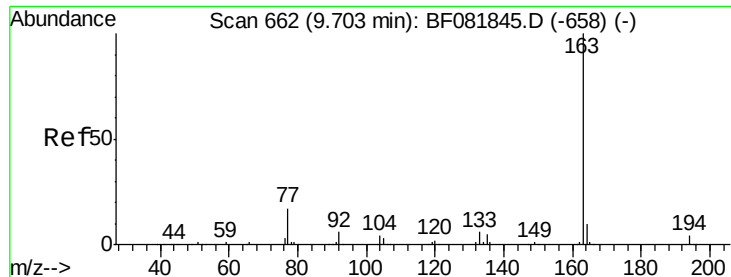
Tgt Ion:330 Resp: 190324
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 34.2 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 65.22 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

Tgt Ion:172 Resp: 831145
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.6 17.4 26.2

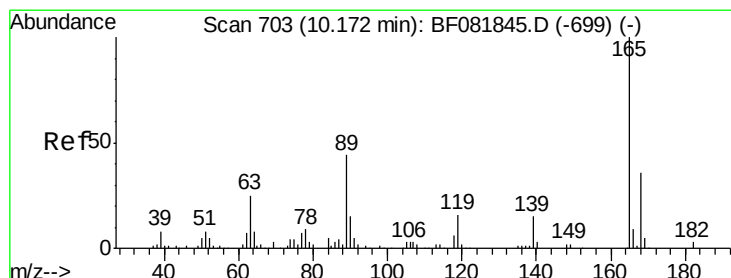
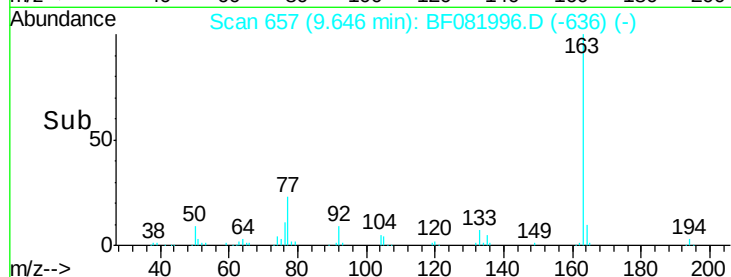
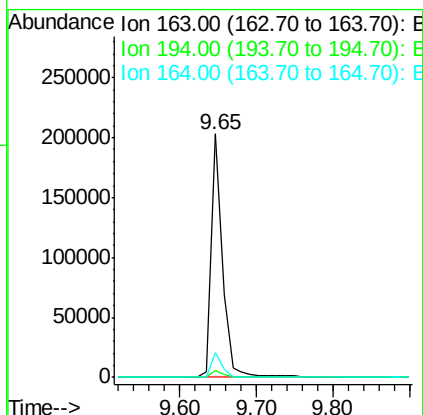
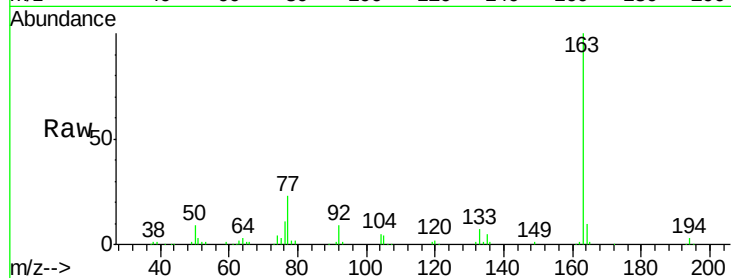




#49
Dimethylphthalate
Concen: 14.67 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

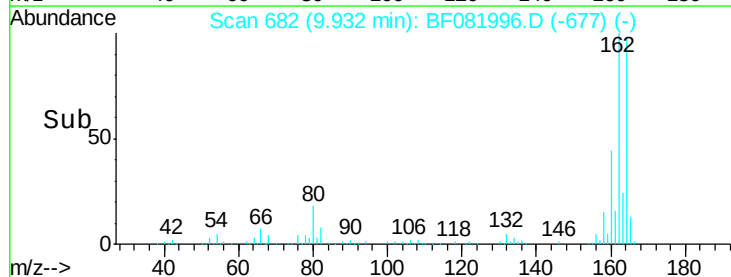
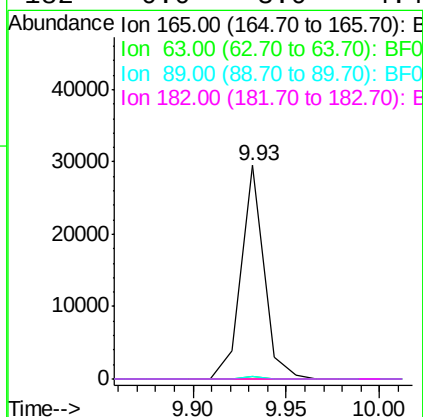
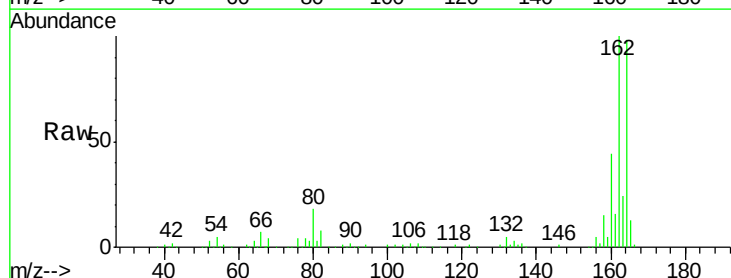
Instrument :
BNA_F
ClientSampleId :
OS-SB-25(15-16)

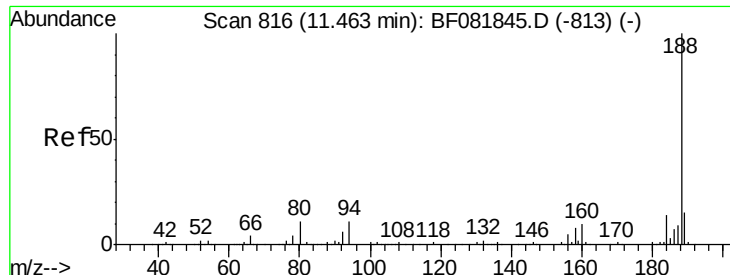
Tgt Ion:163 Resp: 206452
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.2 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Tgt Ion:165 Resp: 25389
Ion Ratio Lower Upper
165 100
63 1.4 29.8 44.6#
89 1.3 44.5 66.7#
182 0.0 3.0 4.4#

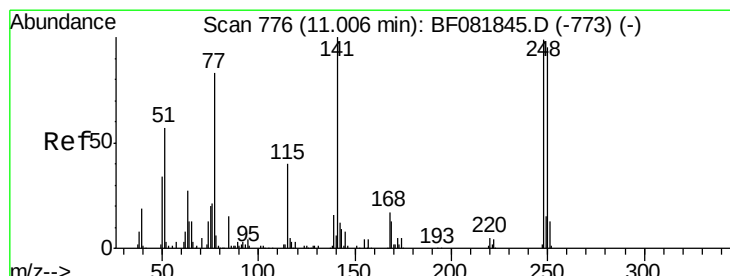
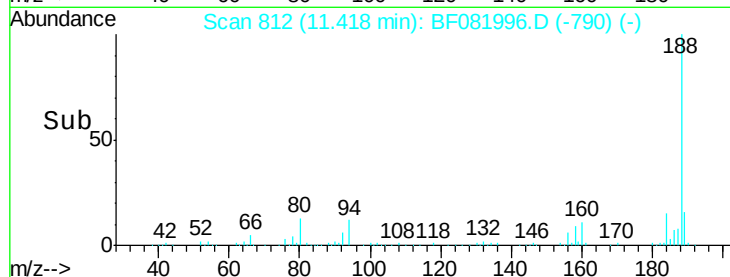
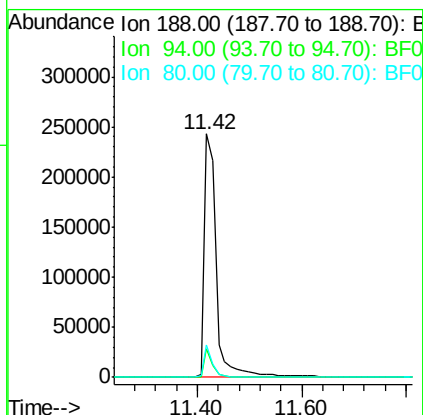
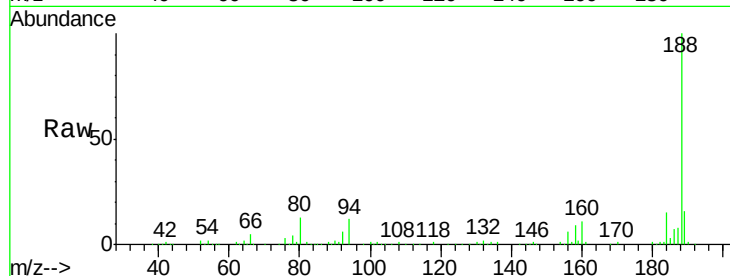




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

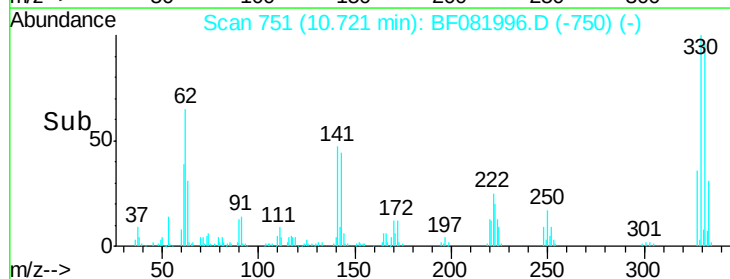
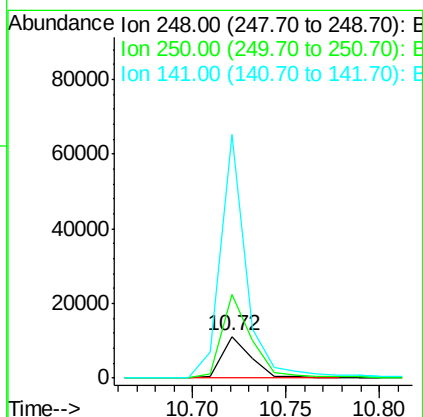
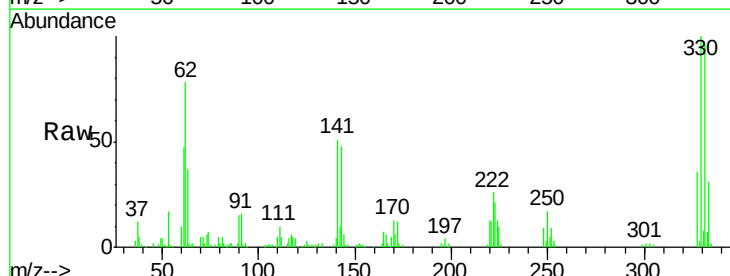
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(15-16)

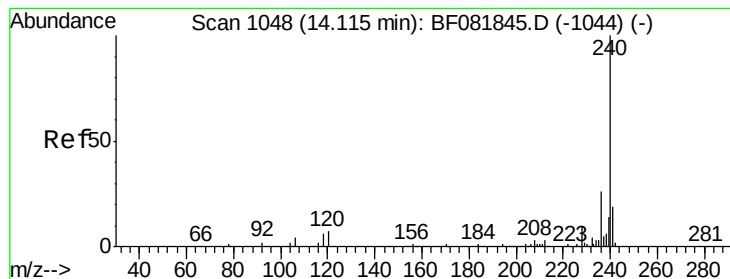
Tgt Ion:188 Resp: 389730
 Ion Ratio Lower Upper
 188 100
 94 11.6 11.1 16.7
 80 13.2 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

Tgt Ion:248 Resp: 12300
 Ion Ratio Lower Upper
 248 100
 250 198.1 78.5 117.7#
 141 580.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(15-16)

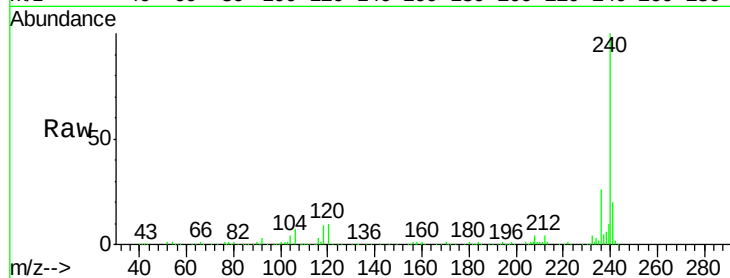
Tgt Ion:240 Resp: 416807

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

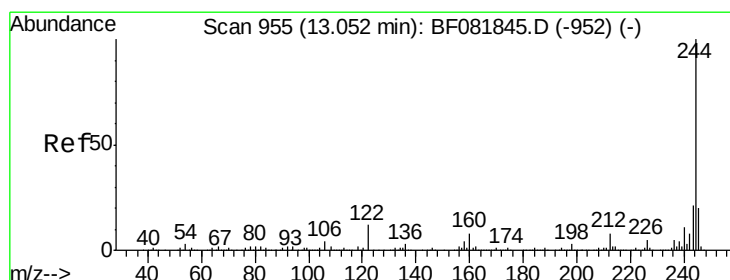
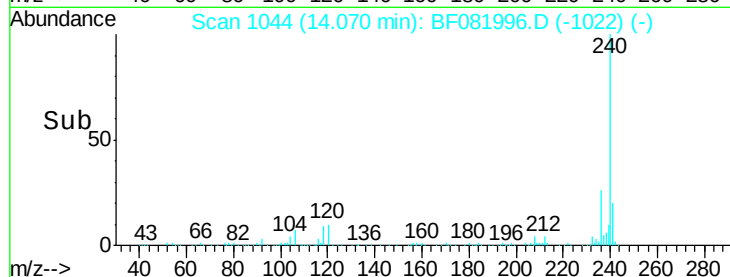
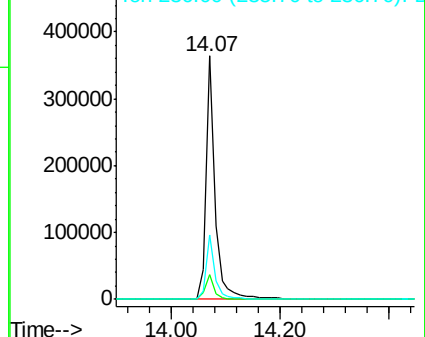
236 26.3 18.4 27.6



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: 67.30 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

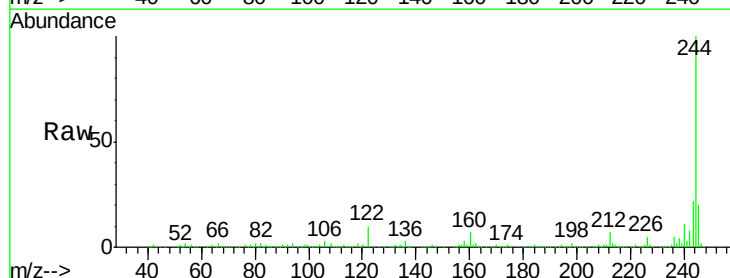
Tgt Ion:244 Resp: 919943

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

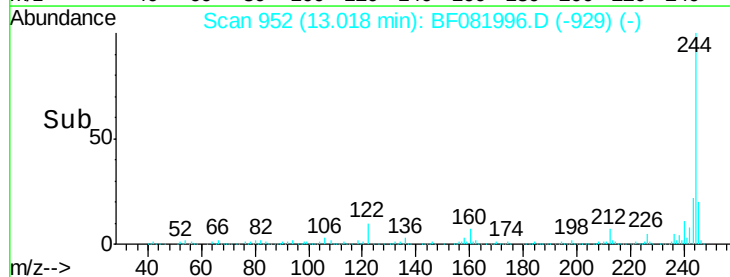
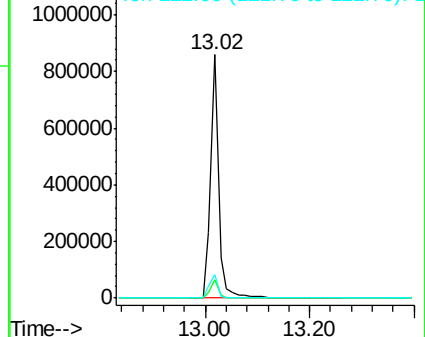
122 9.9 17.4 26.2#

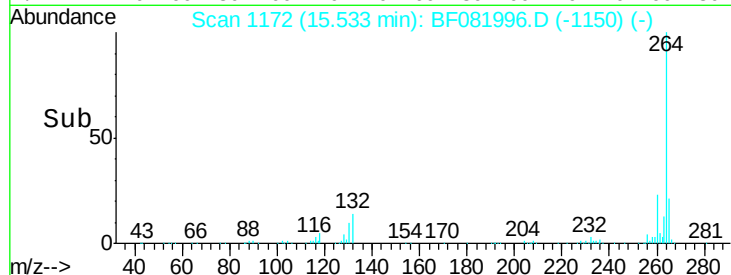
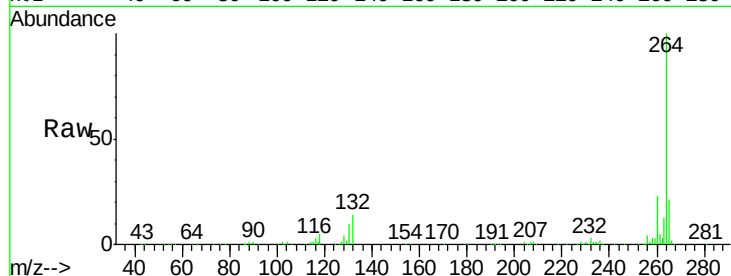
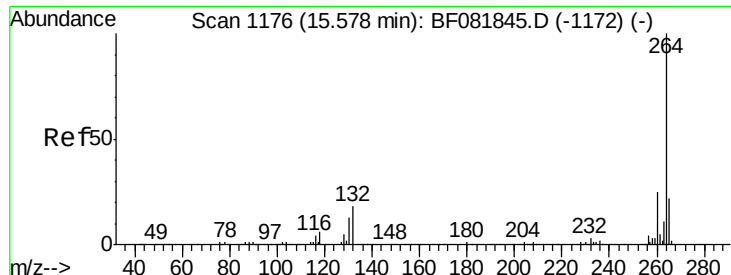


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(15-16)

Tgt Ion:	264	Resp:	321591
Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.1	17.2	25.8

