

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082140.D
 Acq On : 8 Oct 2015 21:43
 Operator : UM/IZ
 Sample : G3960-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Oct 09 05:12:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	86898	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	354277	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	165282	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	333661	20.00	ng	0.00
75) Chrysene-d12	14.02	240	308994	20.00	ng	-0.02
86) Perylene-d12	15.48	264	237427	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	293963	61.41	ng	0.01
7) Phenol-d6	6.49	99	225031	37.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	474281	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	225879	134.94	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	949368	99.34	ng	-0.01
78) Terphenyl-d14	12.98	244	1075625	131.80	ng	0.00

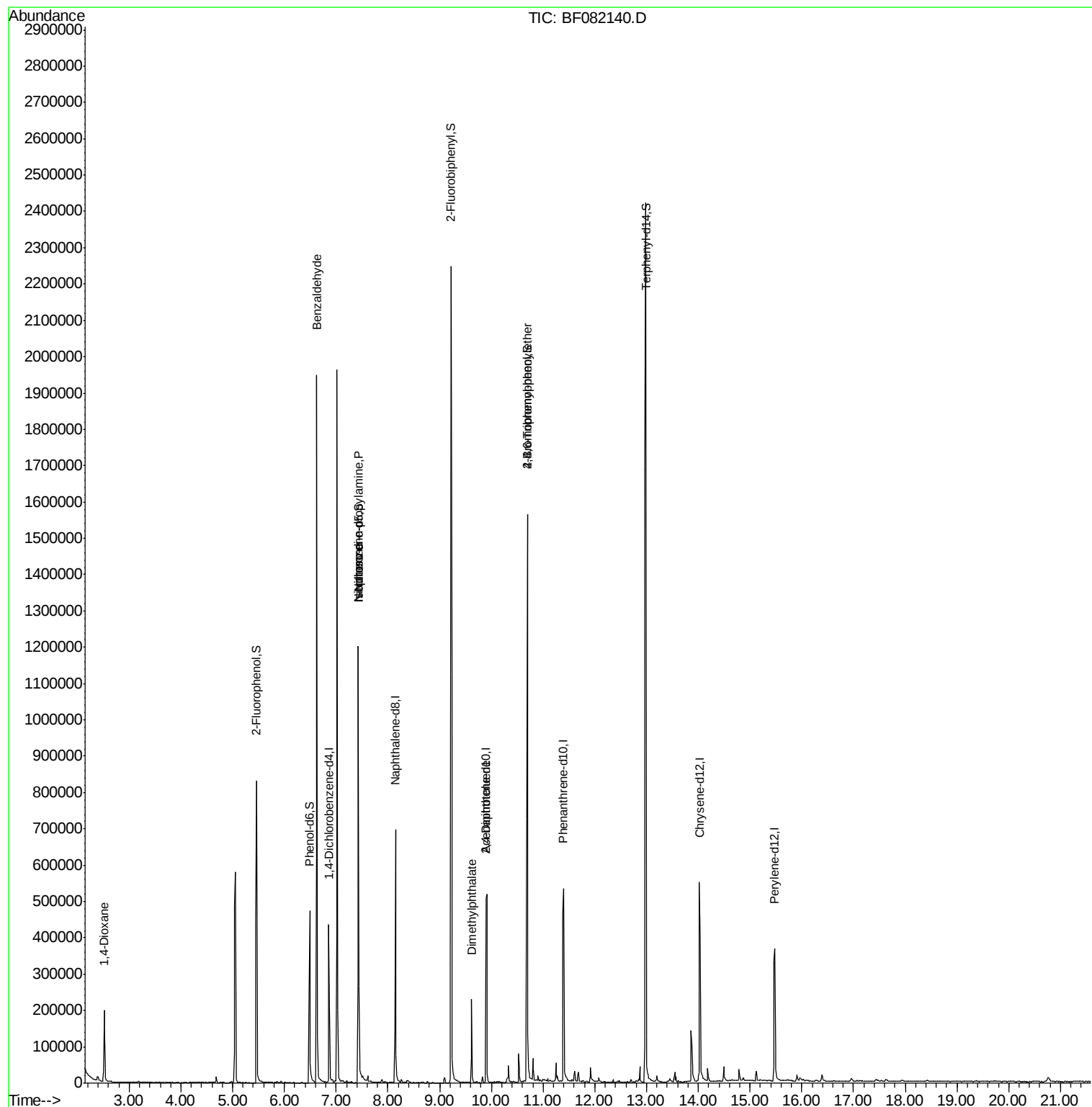
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	104433	50.17	ng	87
9) Benzaldehyde	6.63	77	12105	3.07	ng	# 65
19) n-Nitroso-di-n-propylamine	7.43	70	60771	16.60	ng	# 58
25) Isophorone	7.43	82	403148	38.27	ng	# 58
49) Dimethylphthalate	9.62	163	110264	9.66	ng	# 96
56) 2,4-Dinitrotoluene	9.90	165	20966	6.64	ng	# 31
66) 4-Bromophenyl-phenylether	10.70	248	15811	4.70	ng	# 1
70) Phenanthrene	11.42	178	347	Below Cal		# 62
73) Di-n-butylphthalate	11.95	149	2754	Below Cal		# 78

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082140.D
Acq On : 8 Oct 2015 21:43
Operator : UM/IZ
Sample : G3960-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP

Quant Time: Oct 09 05:12:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :

BNA_F

ClientSampleId :

DUP

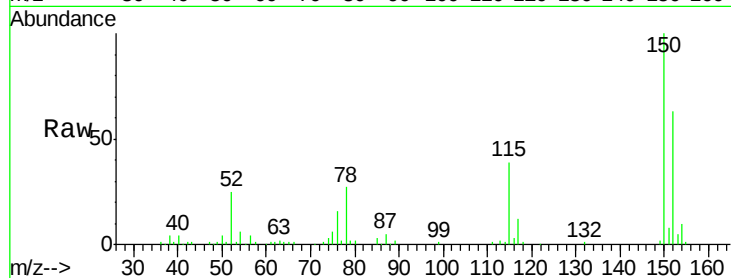
Tot Ion:152 Resp: 86898

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

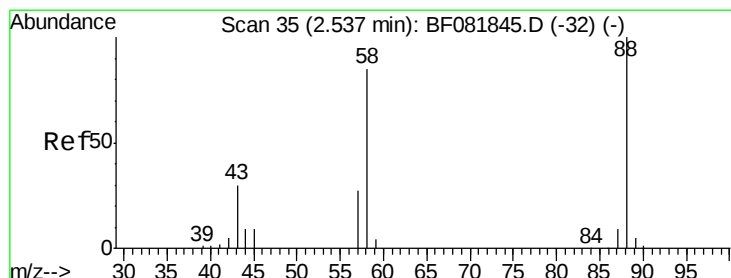
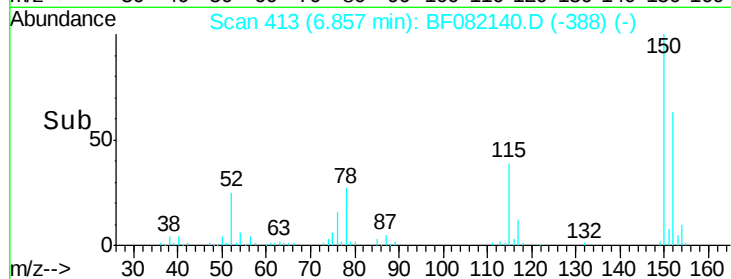
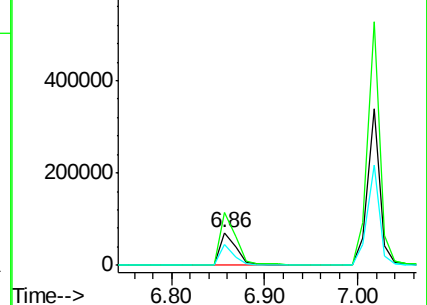
115 61.7 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 50.17 ng

RT: 2.51 min Scan# 33

Delta R.T. 0.09 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

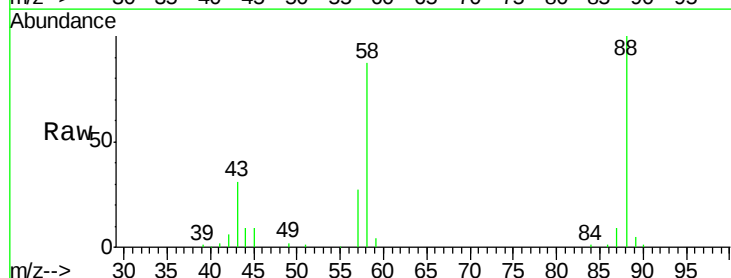
Tgt Ion: 88 Resp: 104433

Ion Ratio Lower Upper

88 100

58 82.4 77.7 116.5

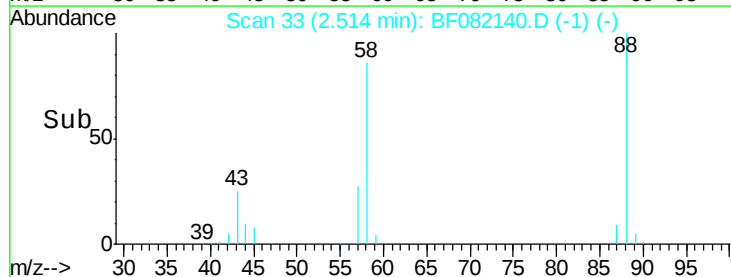
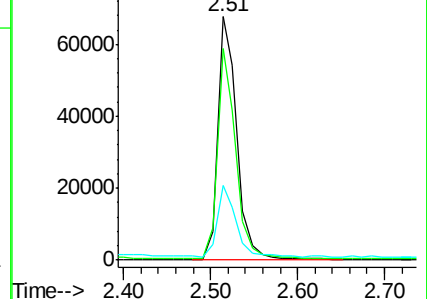
43 28.4 26.6 40.0

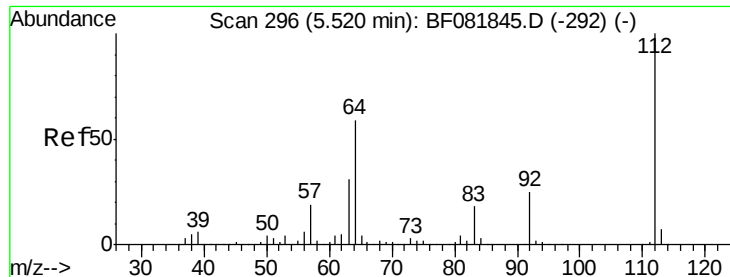


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 61.41 ng

RT: 5.46 min Scan# 291

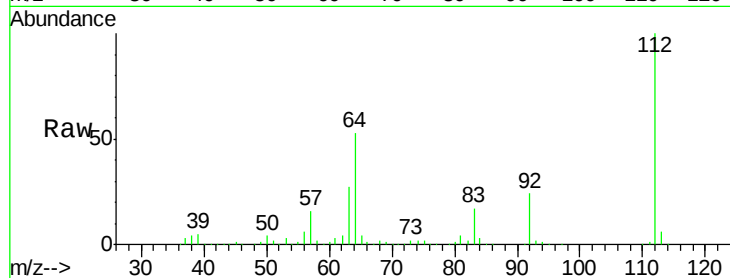
Delta R.T. 0.01 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :
BNA_F
ClientSampled :
DUP

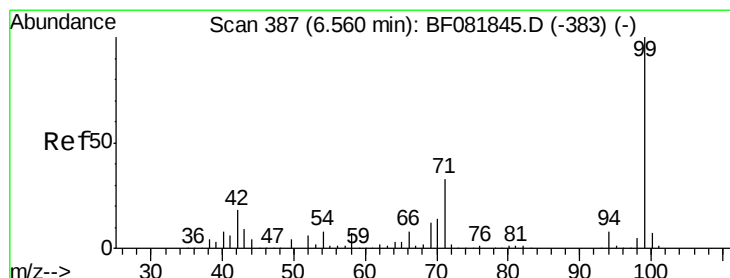
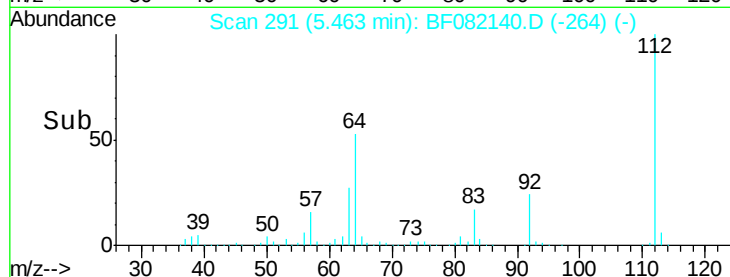
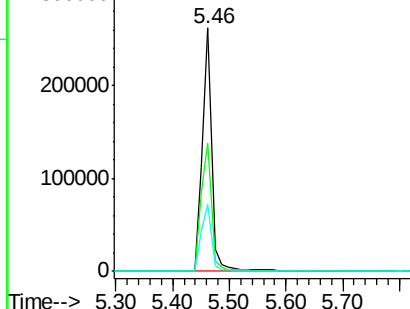
Tot Ion:	112	Resp:	293963
Ion	Ratio	Lower	Upper
112	100		
64	52.9	39.7	59.5
63	27.5	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 37.36 ng

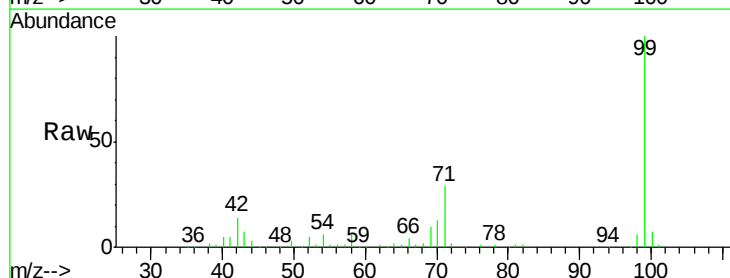
RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

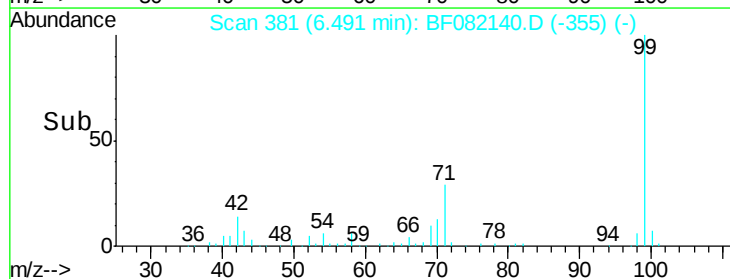
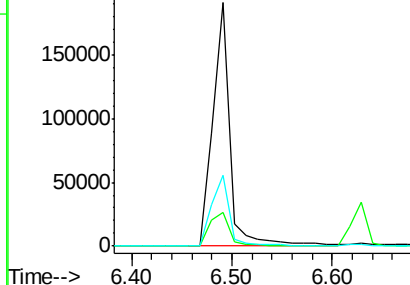
Tgt Ion:	99	Resp:	225031
Ion	Ratio	Lower	Upper
99	100		
42	13.7	13.7	20.5#
71	29.2	14.2	21.2#

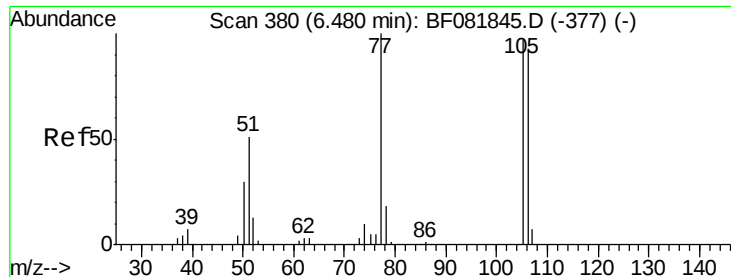


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.07 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.22 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :

BNA_F

ClientSampled :

DUP

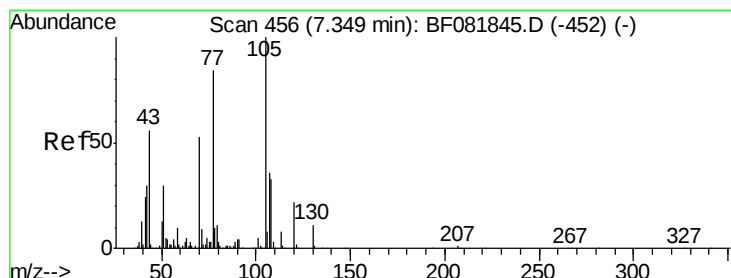
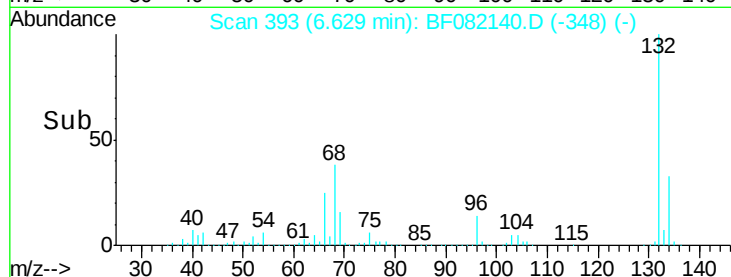
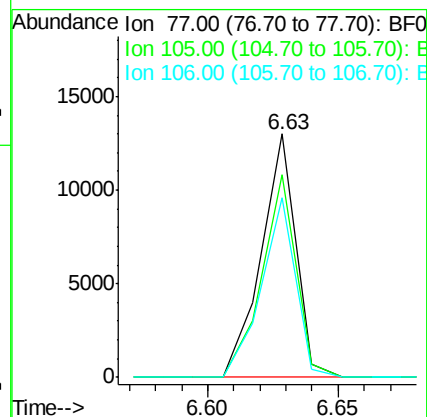
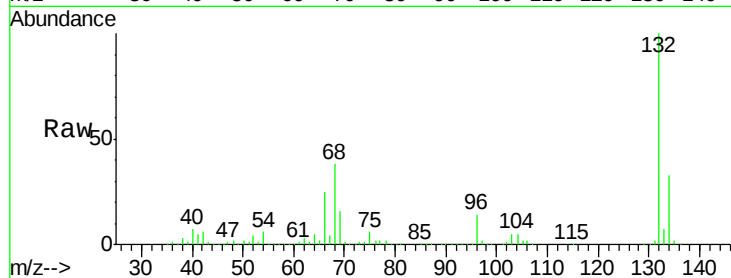
Tot Ion: 77 Resp: 12105

Ion Ratio Lower Upper

77 100

105 83.5 91.6 131.6#

106 73.6 102.6 142.6#



#19

n-Nitroso-di-n-propylamine

Concen: 16.60 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.15 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Tgt Ion: 70 Resp: 60771

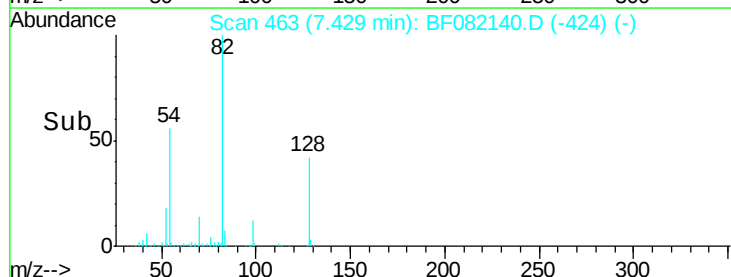
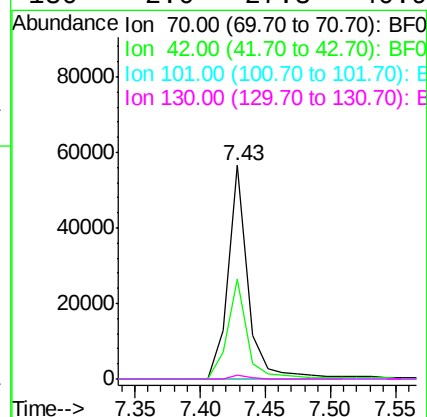
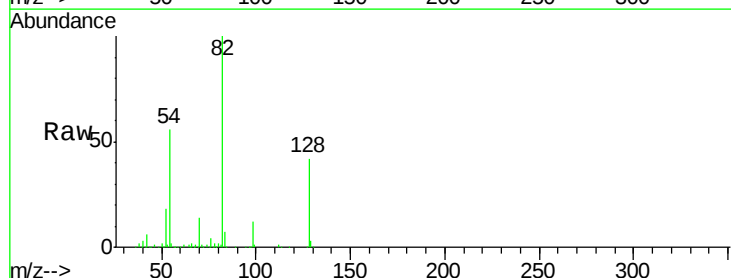
Ion Ratio Lower Upper

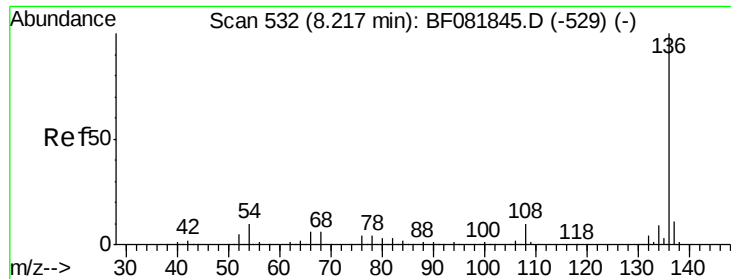
70 100

42 46.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

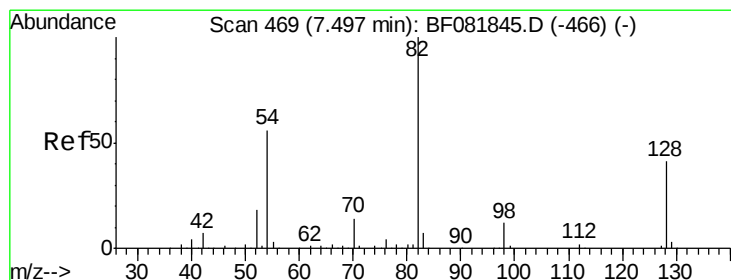
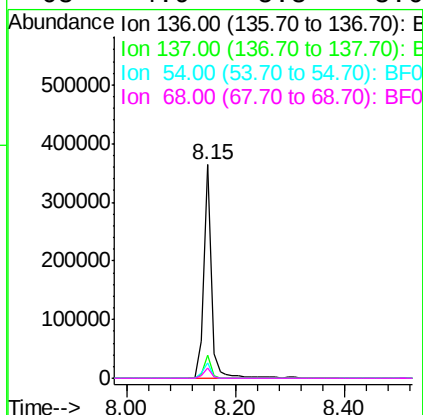
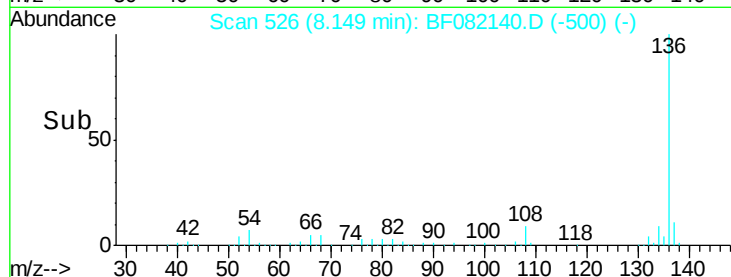
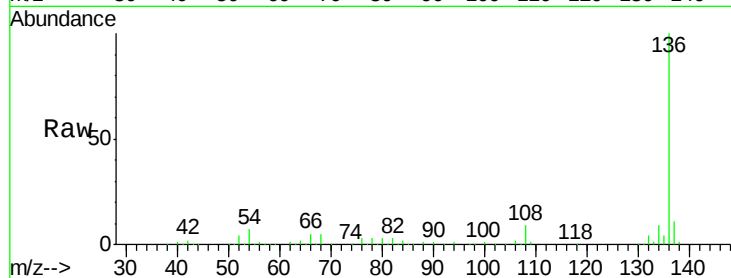




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

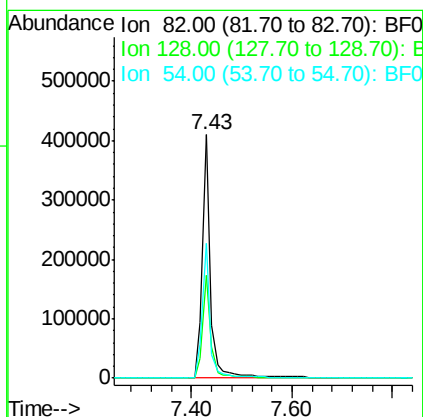
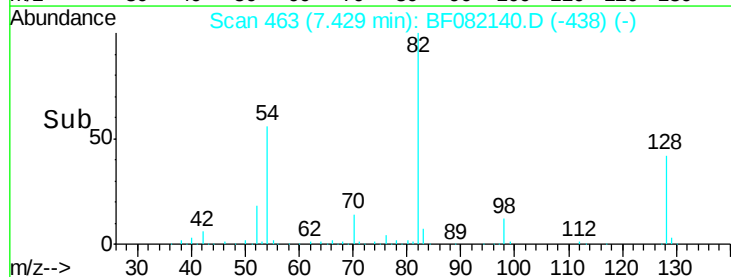
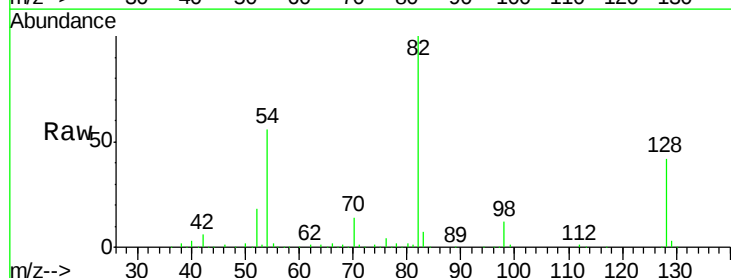
Instrument :
BNA_F
ClientSampled :
DUP

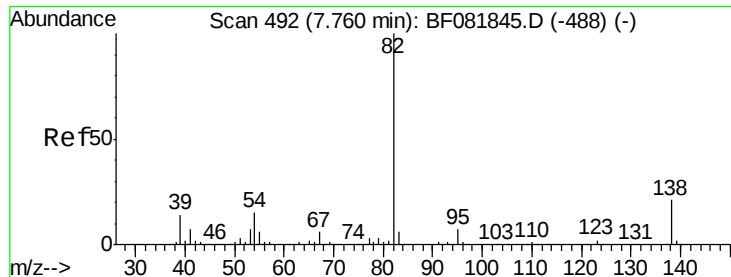
Tot Ion:136	Resp:	354277
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	7.2	8.2 12.2#
68	4.9	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

Tgt Ion: 82	Resp:	474281
Ion Ratio	Lower	Upper
82	100	
128	42.2	51.0 76.6#
54	55.5	47.5 71.3





#25

Isophorone

Concen: 38.27 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :

BNA_F

ClientSampleId :

DUP

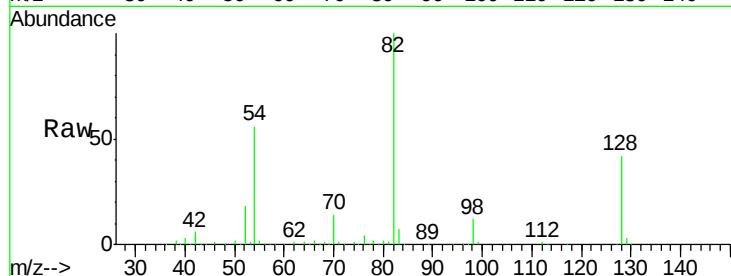
Tot Ion: 82 Resp: 403148

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

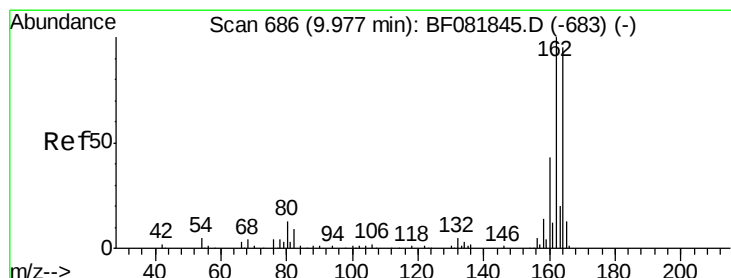
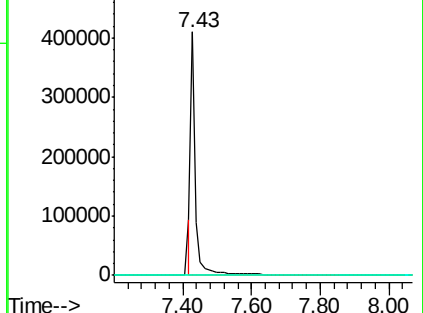
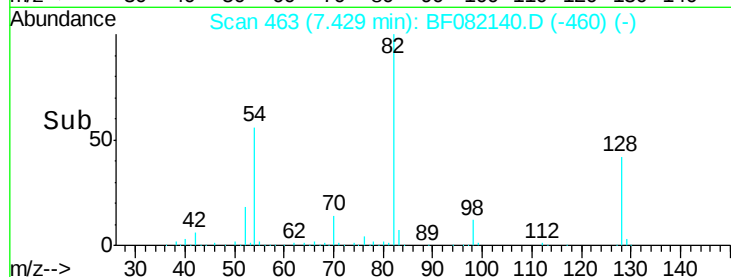
138 0.0 18.3 27.5#



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: 9.90 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

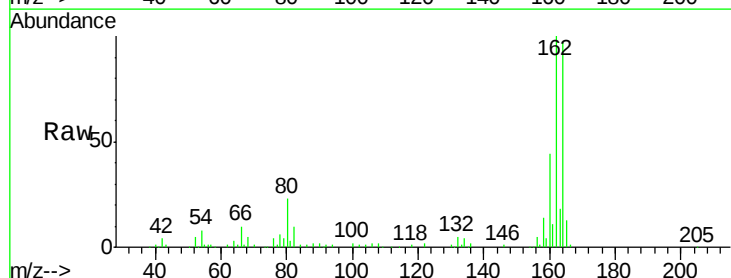
Tgt Ion:164 Resp: 165282

Ion Ratio Lower Upper

164 100

162 103.0 75.2 112.8

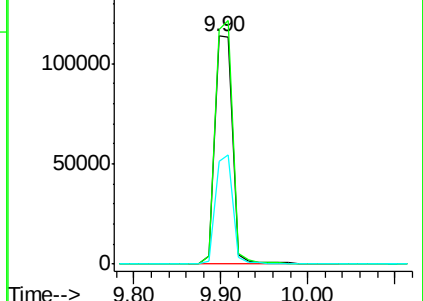
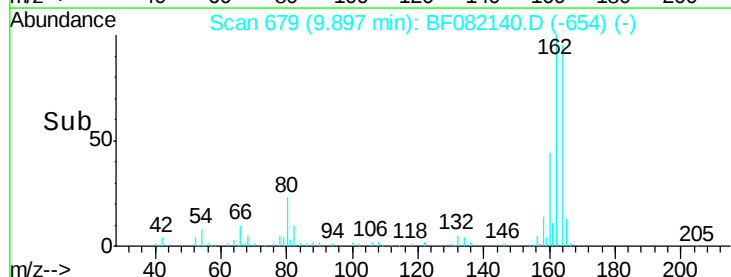
160 45.0 31.5 47.3

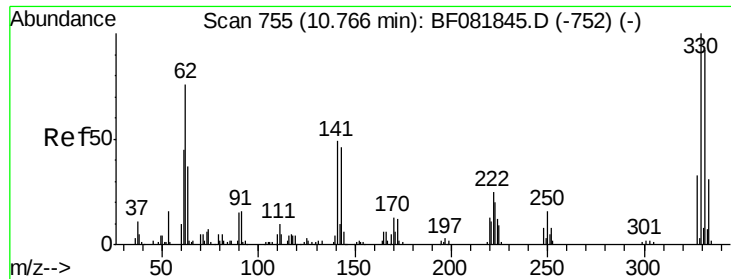


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

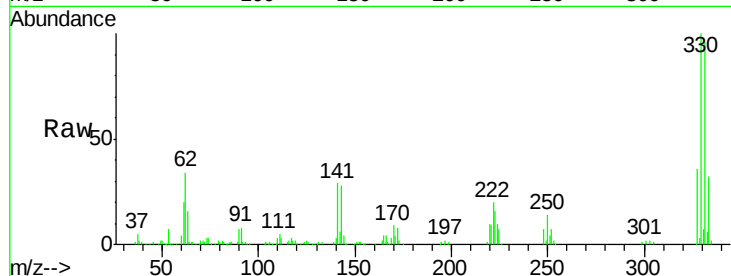




#41
 2,4,6-Tribromophenol
 Concen: 134.94 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	35.3	29.7	44.5

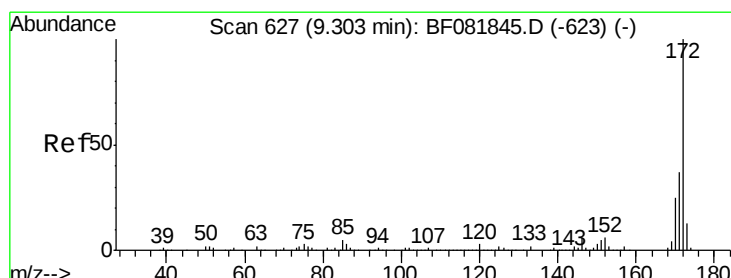
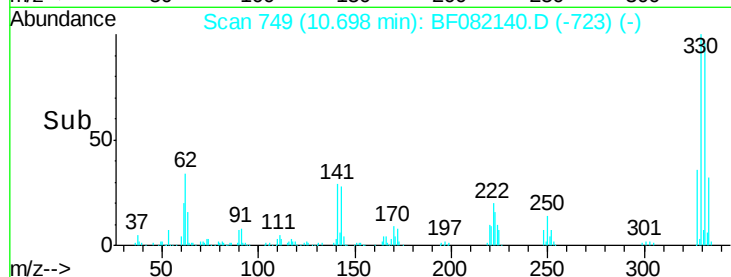
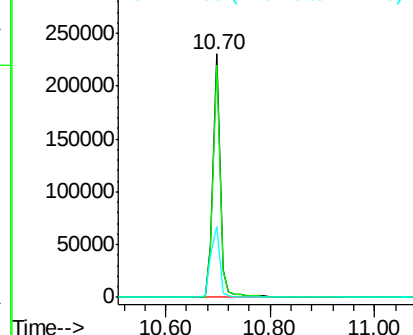


Abundance

Ion 329.80 (329.50 to 330.50): E

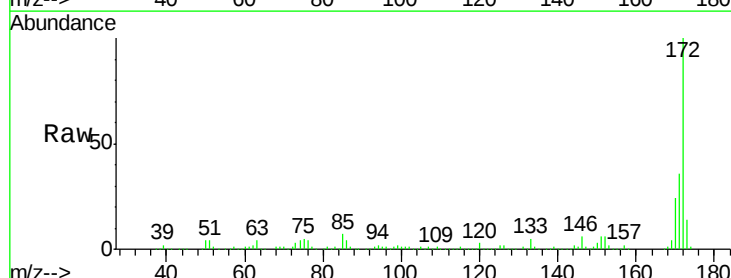
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.34 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.2	17.4	26.2

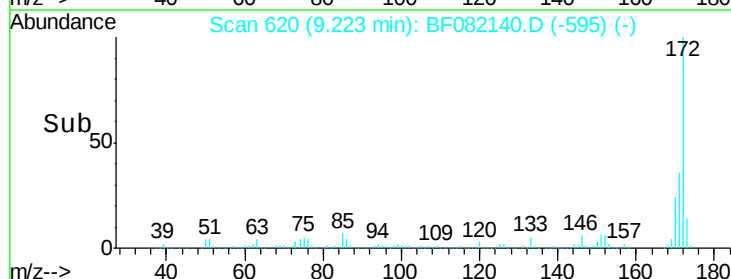
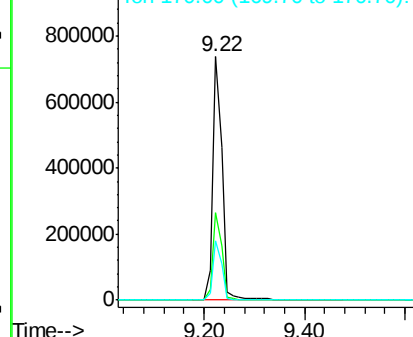


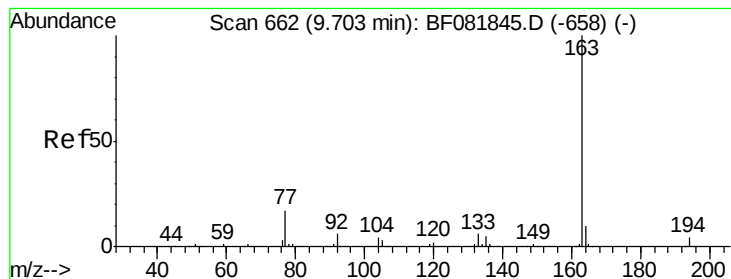
Abundance

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: 9.66 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :

BNA_F

ClientSampleId :

DUP

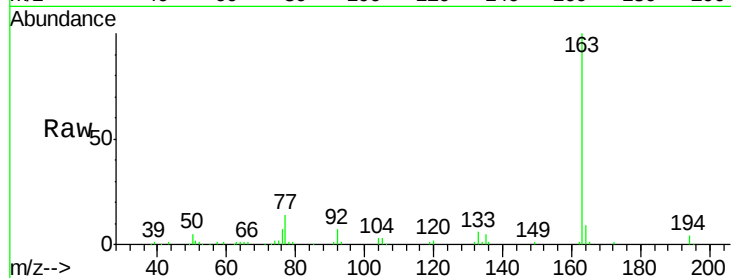
Tot Ion:163 Resp: 110264

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

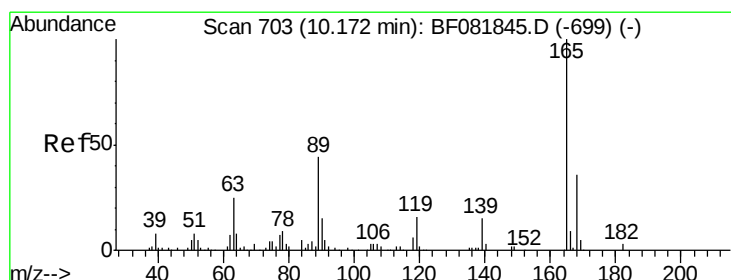
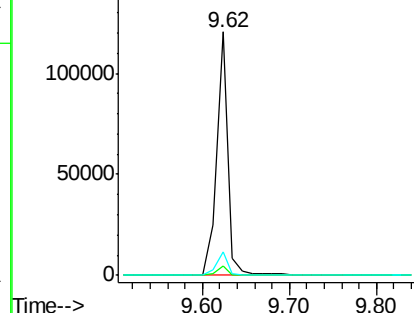
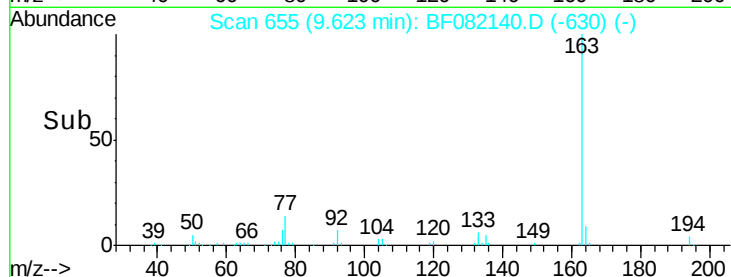
164 9.4 8.3 12.5



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: 6.64 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.21 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Tgt Ion:165 Resp: 20966

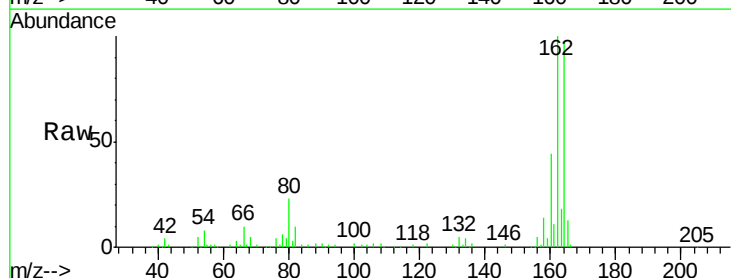
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

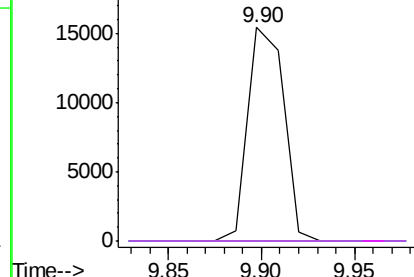
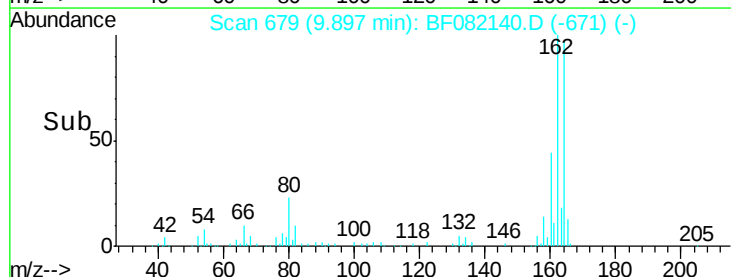


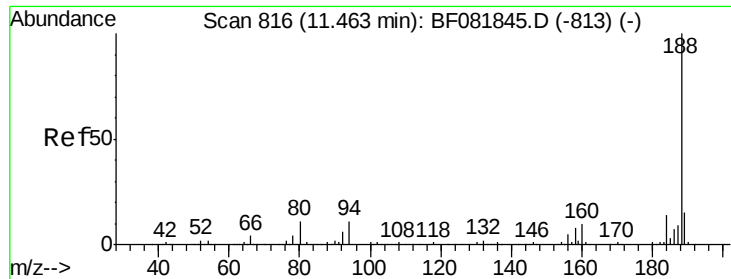
Abundance Ion 165.00 (164.70 to 165.70): E

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

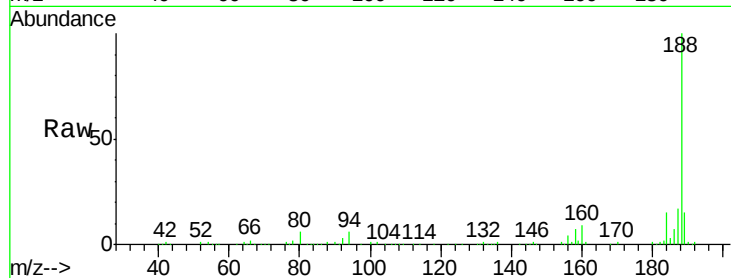




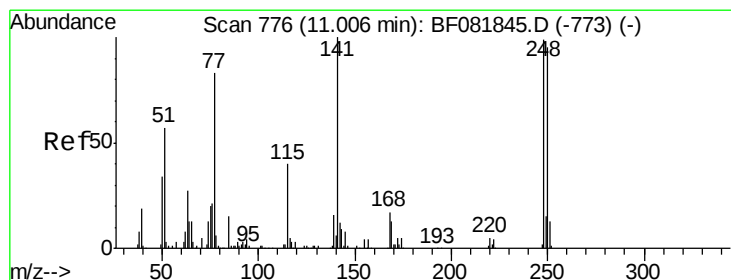
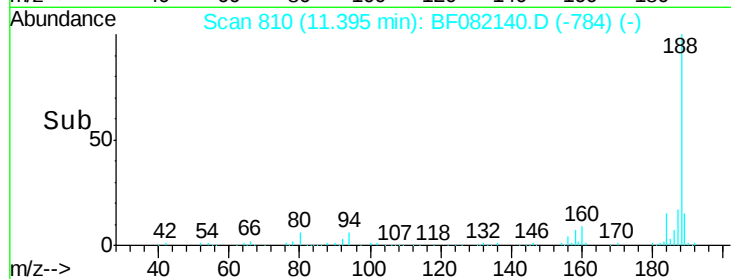
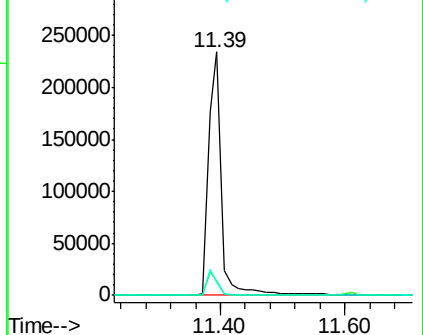
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:188 Resp: 333661
 Ion Ratio Lower Upper
 188 100
 94 5.9 11.1 16.7#
 80 5.6 11.0 16.4#

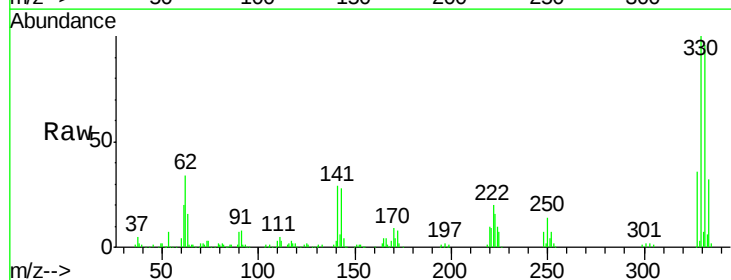


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

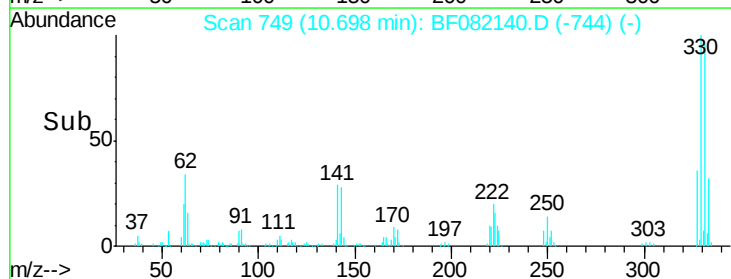
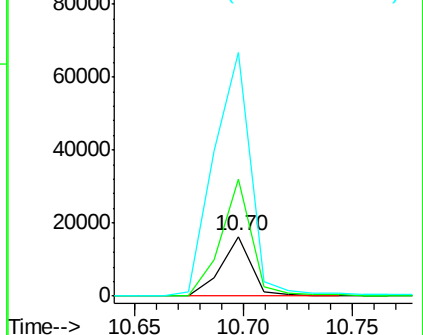


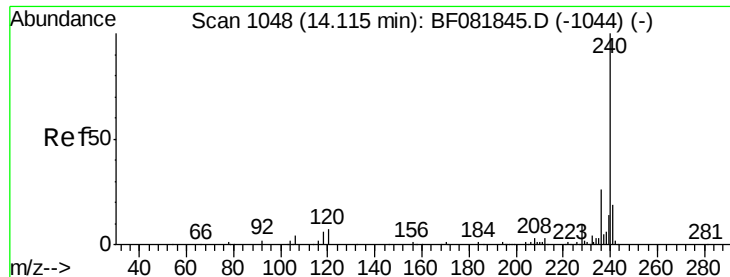
#66
 4-Bromophenyl-phenylether
 Concen: 4.70 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

Tgt Ion:248 Resp: 15811
 Ion Ratio Lower Upper
 248 100
 250 195.1 78.5 117.7#
 141 408.1 59.0 88.6#



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: 14.02 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :

BNA_F

ClientSampled :

DUP

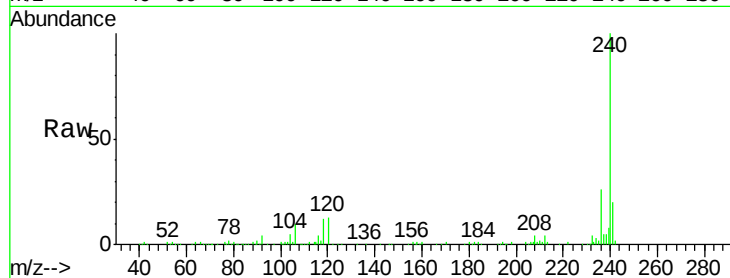
Tot Ion:240 Resp: 308994

Ion Ratio Lower Upper

240 100

120 13.5 16.2 24.2#

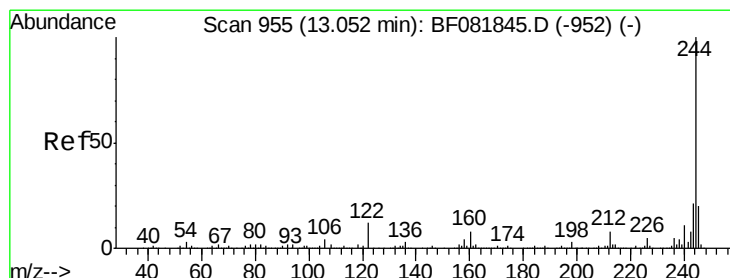
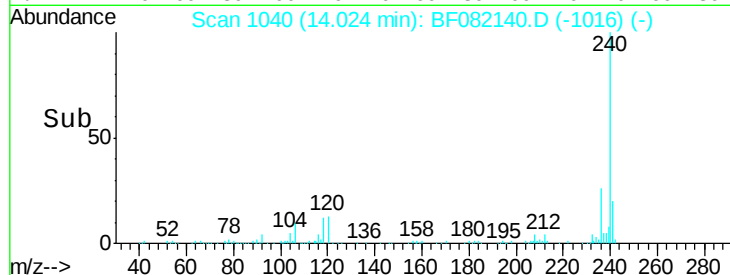
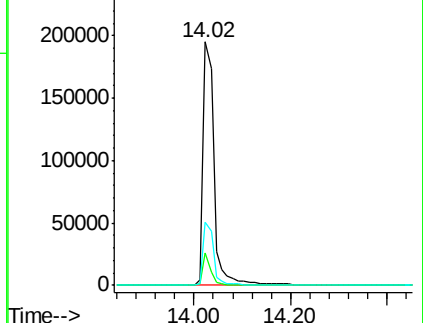
236 26.0 18.4 27.6



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: 131.80 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

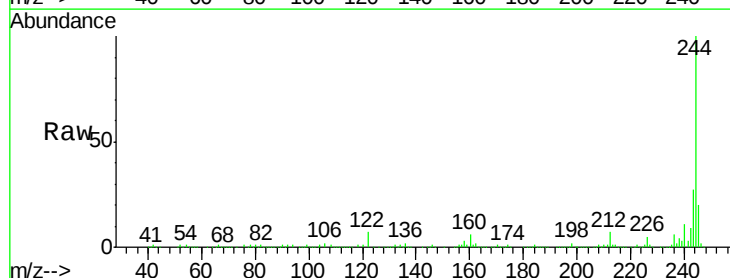
Tgt Ion:244 Resp: 1075625

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

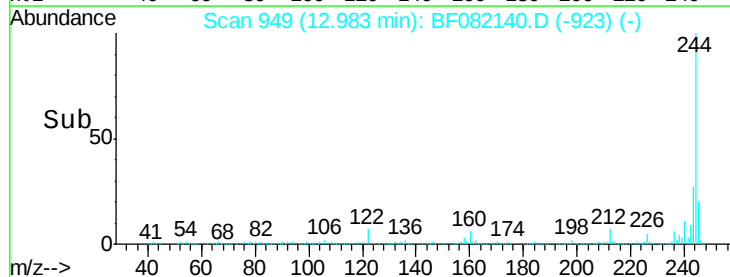
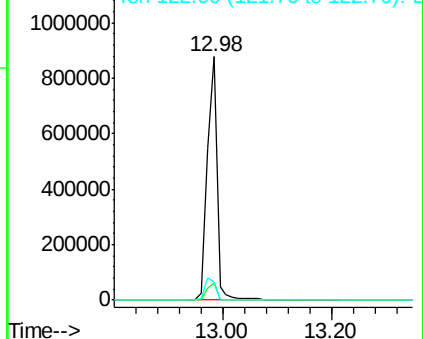
122 7.4 17.4 26.2#

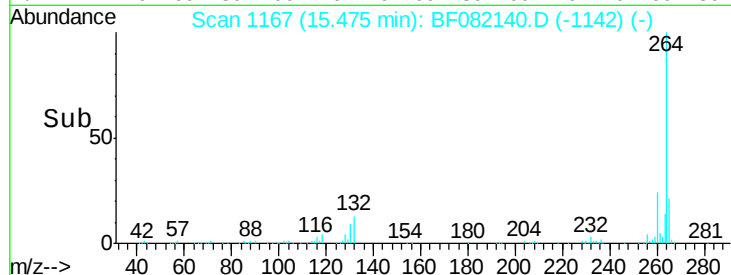
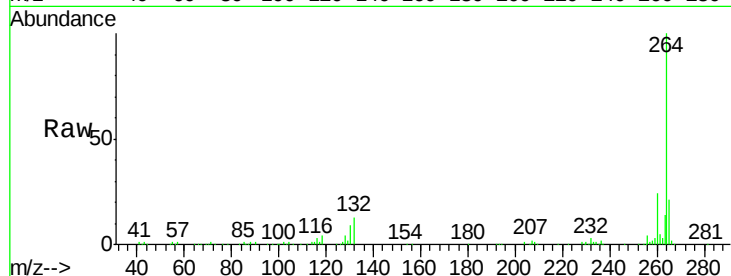
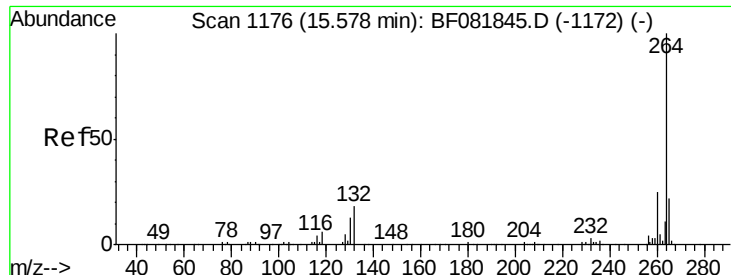


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion:264	Resp:	237427
Ion Ratio	Lower	Upper
264	100	
260	23.6	16.7 25.1
265	21.3	17.2 25.8

