

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083777.D
 Acq On : 14 Dec 2015 19:05
 Operator : UM/IZ
 Sample : PB87254BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BL

Quant Time: Dec 15 02:20:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

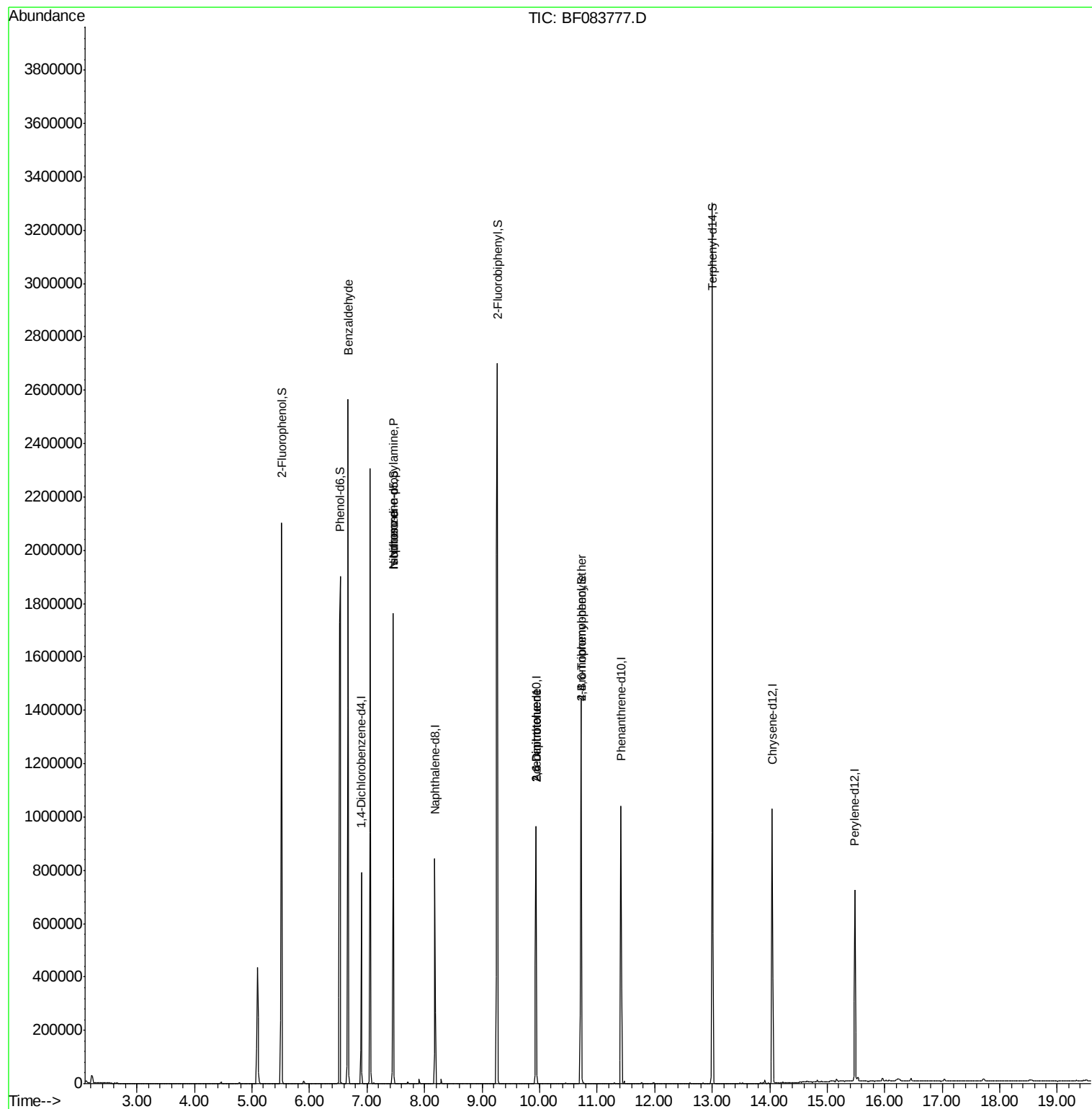
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	112216	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	425339	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	219672	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	402080	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	372491	20.00	ng	-0.03
86) Perylene-d12	15.48	264	307832	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	828289	119.08	ng	-0.01
7) Phenol-d6	6.53	99	1049190	119.11	ng	-0.01
23) Nitrobenzene-d5	7.46	82	625221	82.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	288354	128.82	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1202197	78.28	ng	-0.02
78) Terphenyl-d14	13.00	244	1077208	62.21	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	18897	3.99	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.46	70	85175	15.79	ng	# 70
25) Isophorone	7.46	82	615288	41.25	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	27981	7.70	ng	# 18
56) 2,4-Dinitrotoluene	9.94	165	27982	5.89	ng	# 13
66) 4-Bromophenyl-phenylether	10.73	248	17829	3.97	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083777.D
Acq On : 14 Dec 2015 19:05
Operator : UM/IZ
Sample : PB87254BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87254BL

Quant Time: Dec 15 02:20:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB87254BL

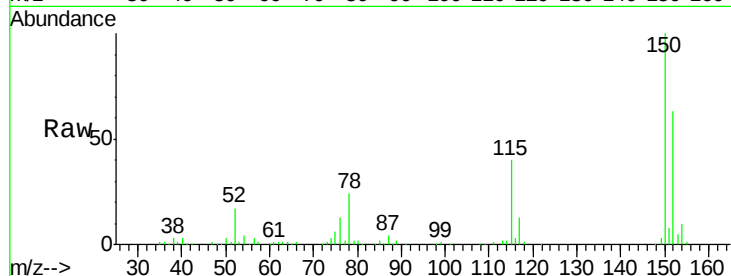
Tgt Ion:152 Resp: 112216

Ion Ratio Lower Upper

152 100

150 157.8 126.5 189.7

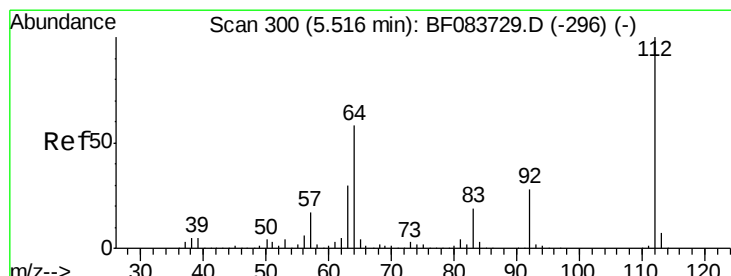
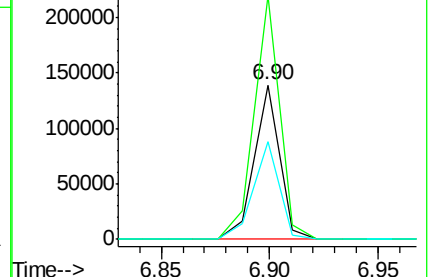
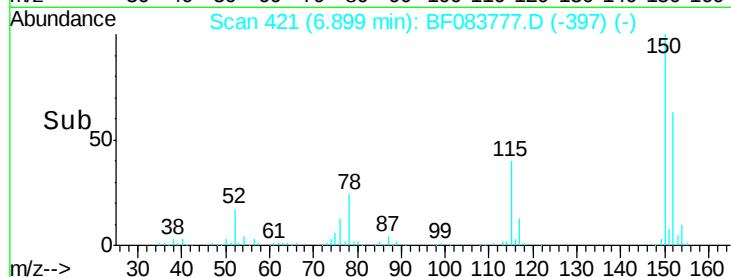
115 63.3 52.3 78.5



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: 119.08 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

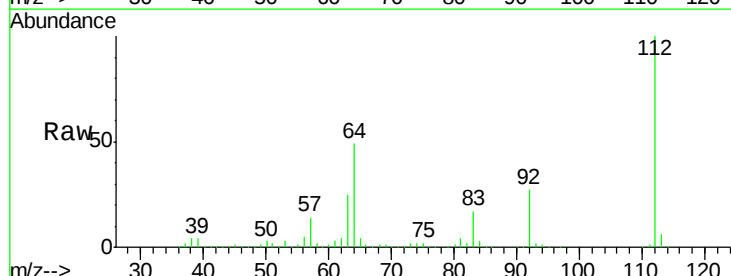
Tgt Ion:112 Resp: 828289

Ion Ratio Lower Upper

112 100

64 49.0 50.5 75.7#

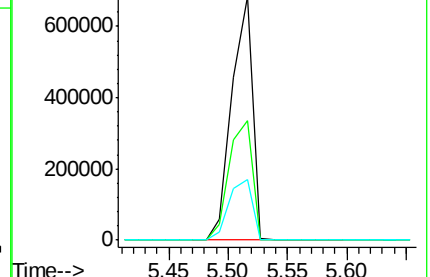
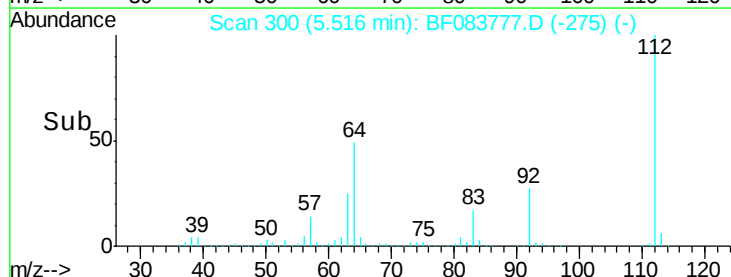
63 25.1 25.8 38.6#

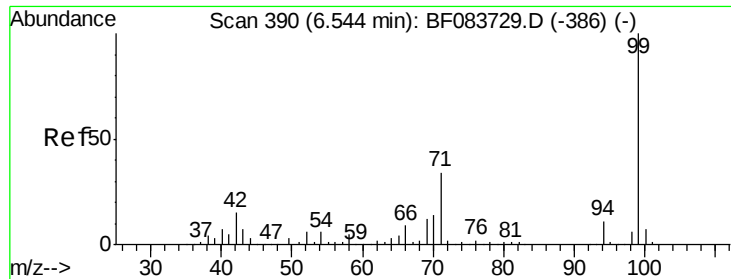


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.11 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

Instrument :

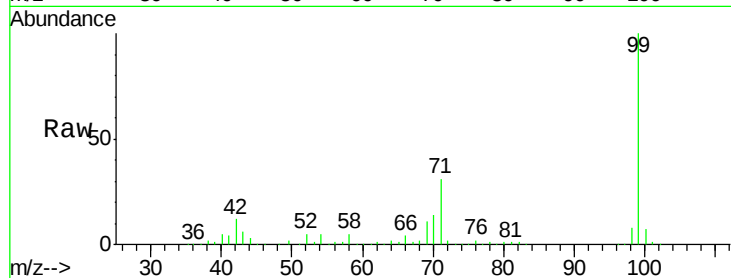
BNA_F

ClientSampleId :

PB87254BL

Tgt Ion: 99 Resp: 1049190

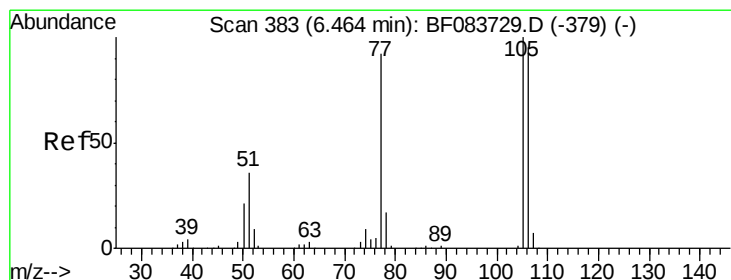
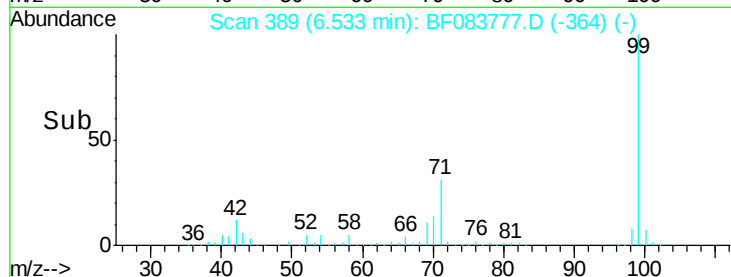
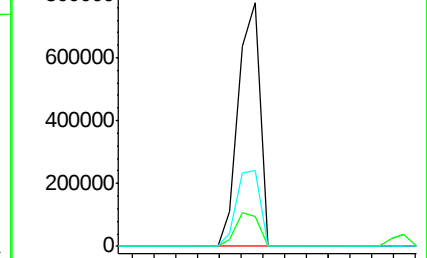
Ion	Ratio	Lower	Upper
99	100		
42	12.1	17.3	25.9#
71	31.4	26.6	40.0



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: 3.99 ng

RT: 6.67 min Scan# 401

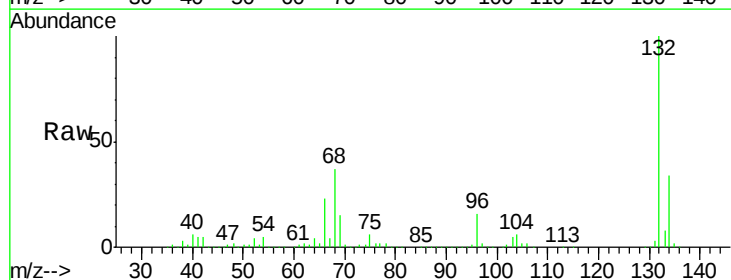
Delta R.T. 0.21 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

Tgt Ion: 77 Resp: 18897

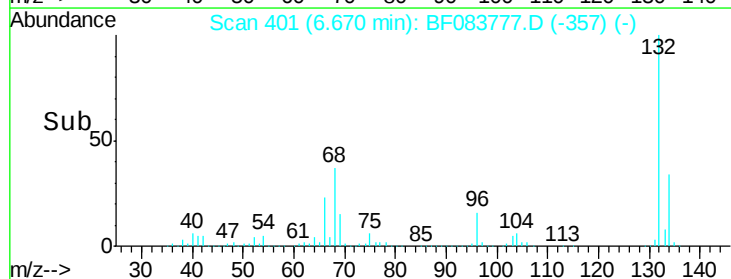
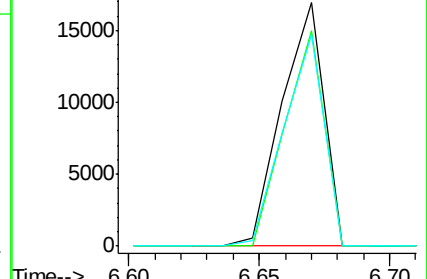
Ion	Ratio	Lower	Upper
77	100		
105	88.6	71.8	111.8
106	86.7	66.8	106.8

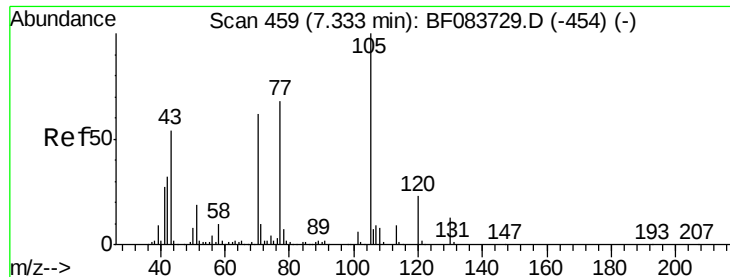


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

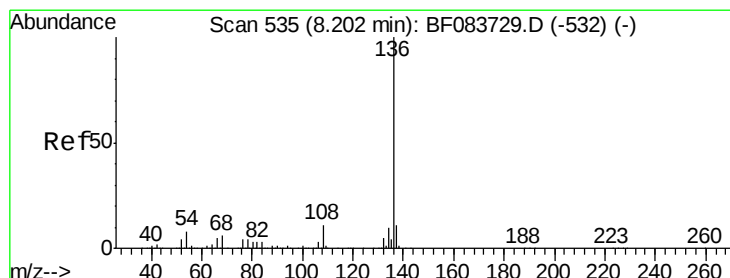
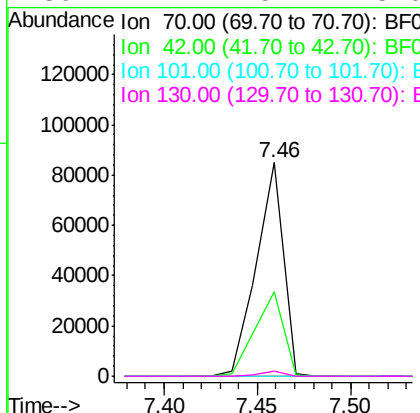
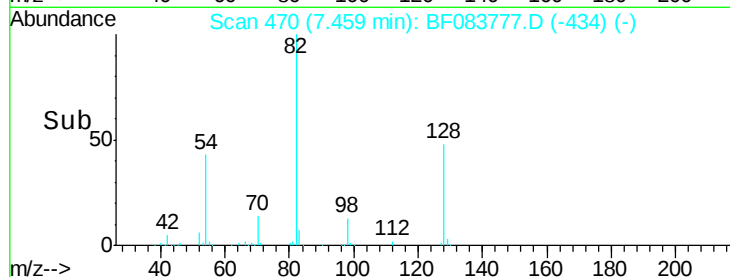
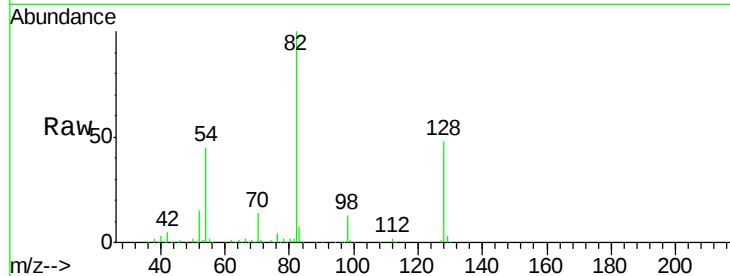




#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083777.D
Acq: 14 Dec 2015 19:05

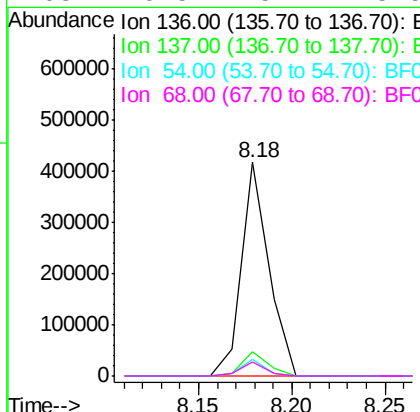
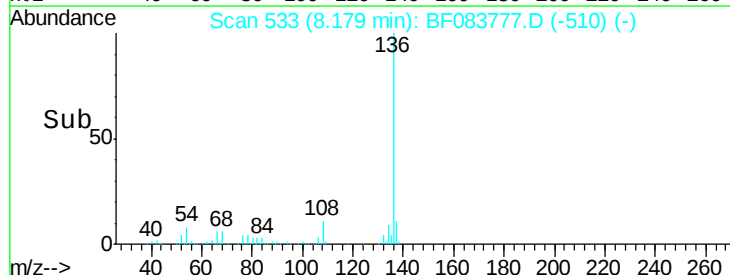
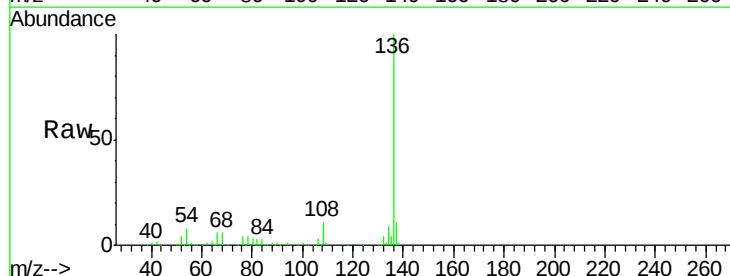
Instrument :
BNA_F
ClientSampleId :
PB87254BL

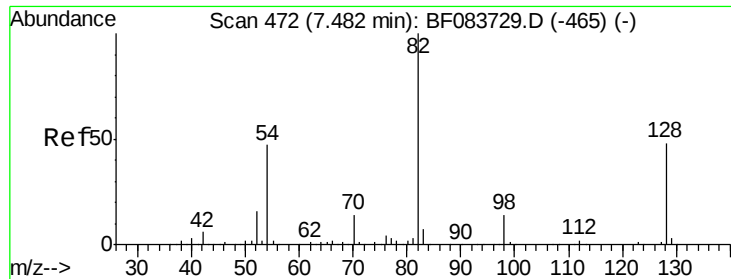
Tgt Ion: 70 Resp: 85175
Ion Ratio Lower Upper
70 100
42 39.4 49.2 73.8#
101 0.0 7.1 10.7#
130 2.4 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083777.D
Acq: 14 Dec 2015 19:05

Tgt Ion: 136 Resp: 425339
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.7 7.8 11.6#
68 6.5 5.7 8.5

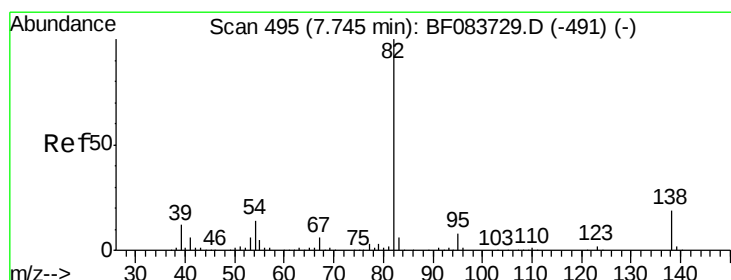
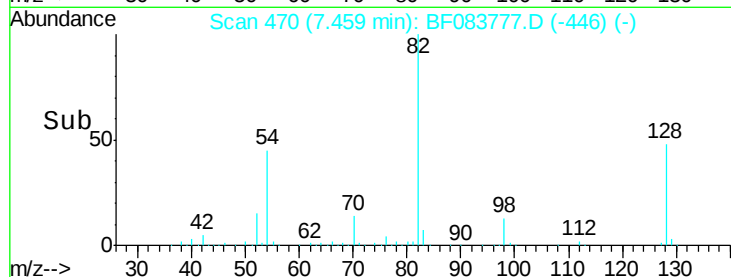
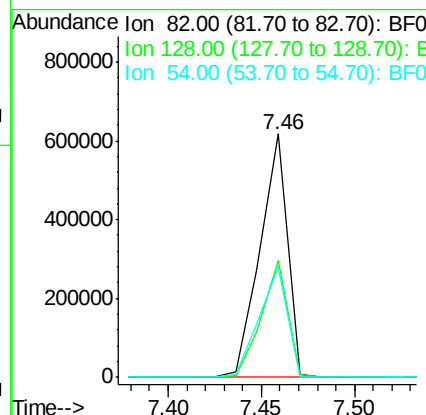
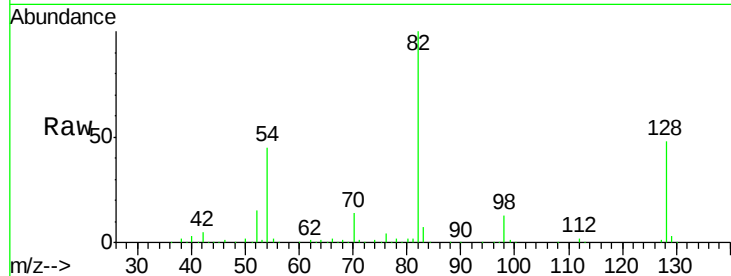




#23
Nitrobenzene-d5
Concen: 82.24 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083777.D
Acq: 14 Dec 2015 19:05

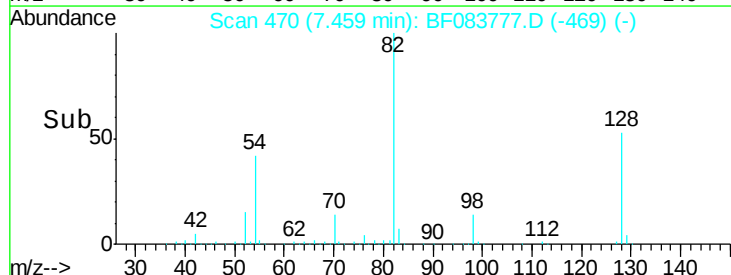
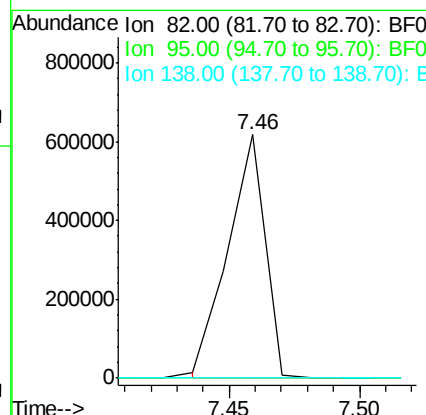
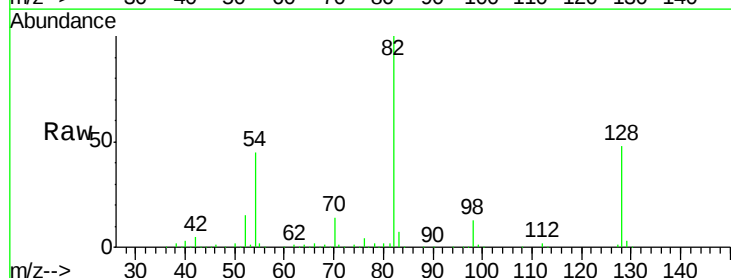
Instrument :
BNA_F
ClientSampleId :
PB87254BL

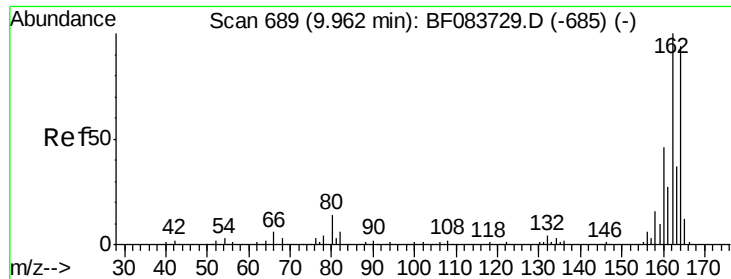
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	30.7	46.1#
54	45.4	42.5	63.7



#25
Isophorone
Concen: 41.25 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083777.D
Acq: 14 Dec 2015 19:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB87254BL

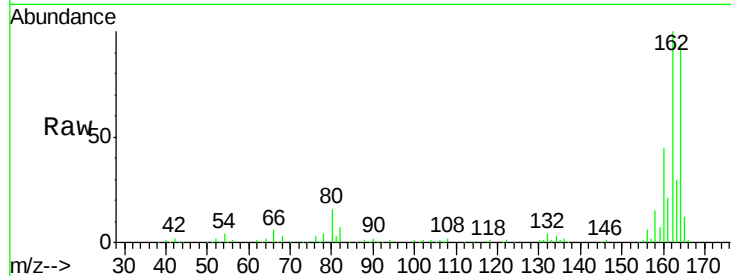
Tgt Ion:164 Resp: 219672

Ion Ratio Lower Upper

164 100

162 106.8 78.8 118.2

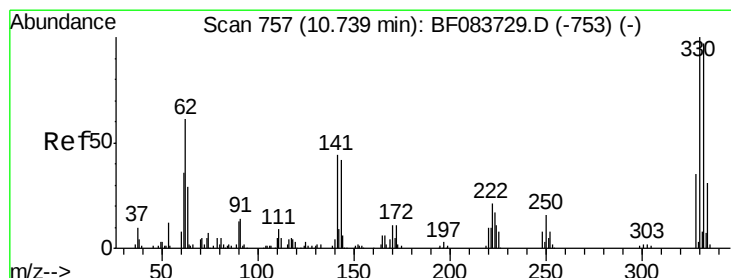
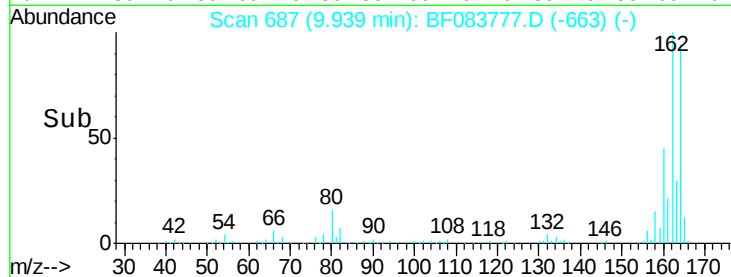
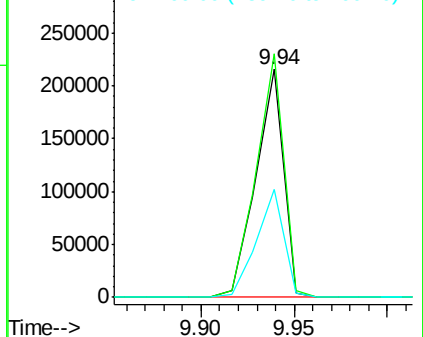
160 47.6 33.4 50.2



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: 128.82 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

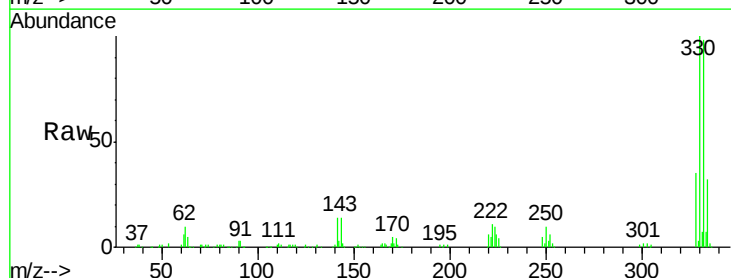
Tgt Ion:330 Resp: 288354

Ion Ratio Lower Upper

330 100

332 97.7 0.0 0.0#

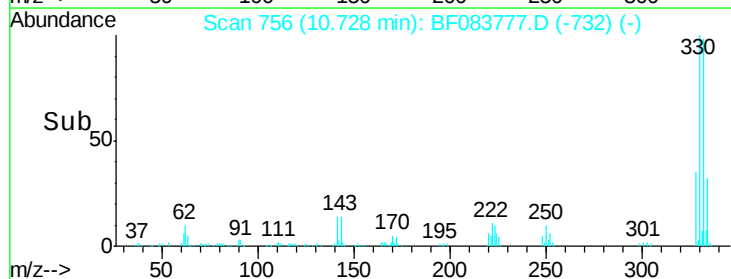
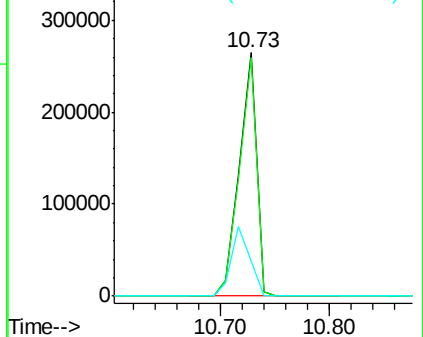
141 30.7 0.0 0.0#

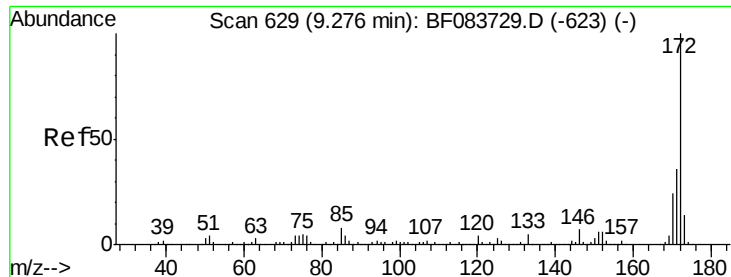


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

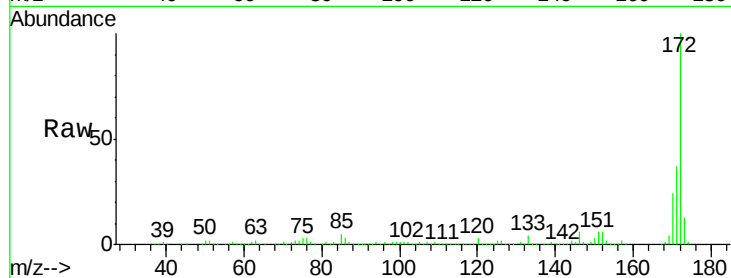




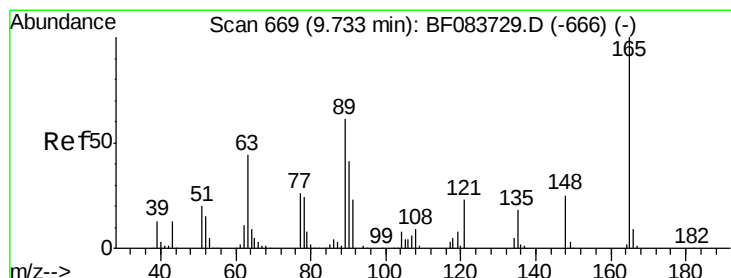
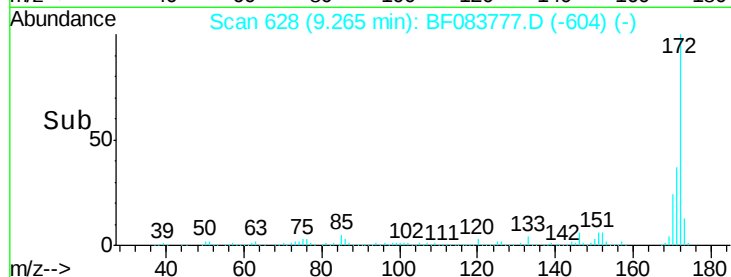
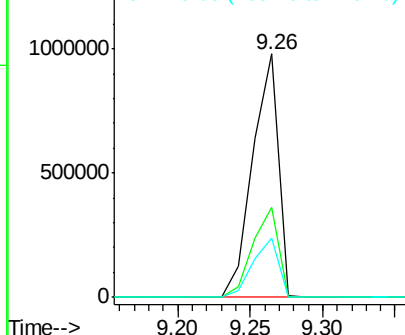
#44
 2-Fluorobiphenyl
 Concen: 78.28 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083777.D
 Acq: 14 Dec 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BL

Tgt Ion:172 Resp: 1202197
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 42.8
 170 24.3 19.4 29.0

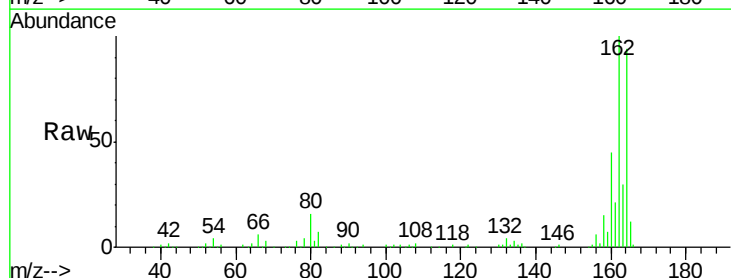


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

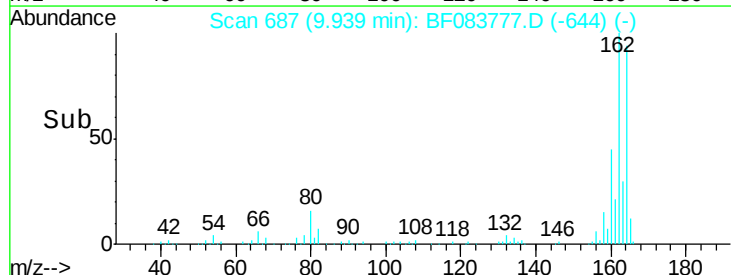
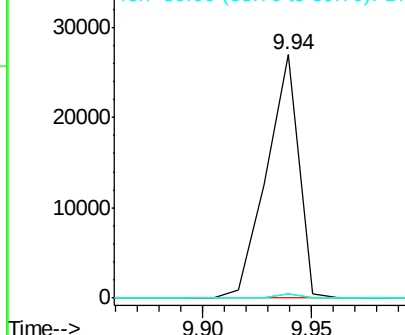


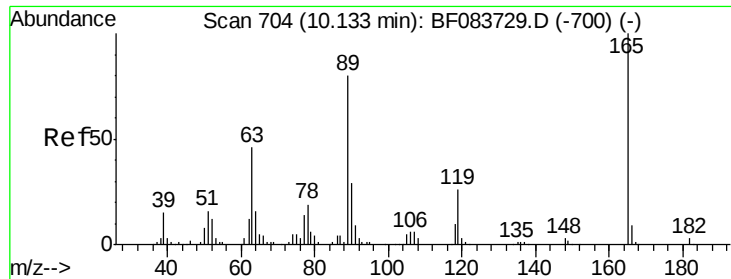
#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083777.D
 Acq: 14 Dec 2015 19:05

Tgt Ion:165 Resp: 27981
 Ion Ratio Lower Upper
 165 100
 63 1.6 56.9 85.3#
 89 1.7 52.1 78.1#



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





#56

2,4-Dinitrotoluene

Concen: 5.89 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.20 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB87254BL

Tgt Ion:165 Resp: 27982

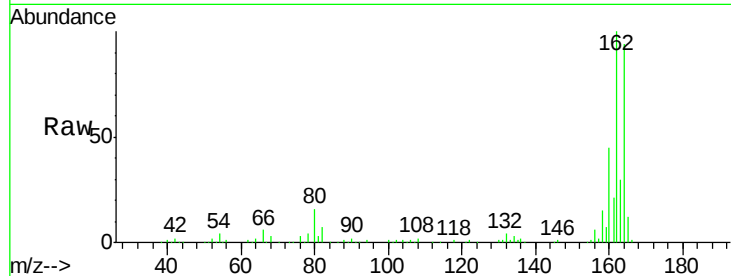
Ion Ratio Lower Upper

165 100

63 1.6 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

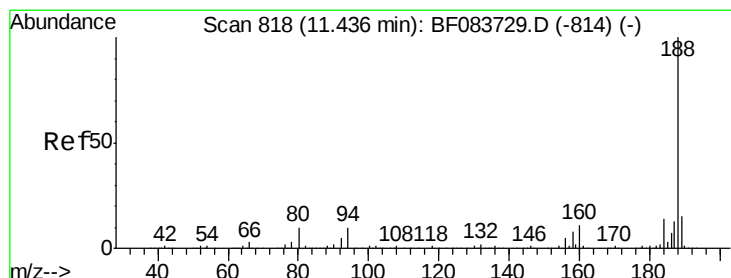
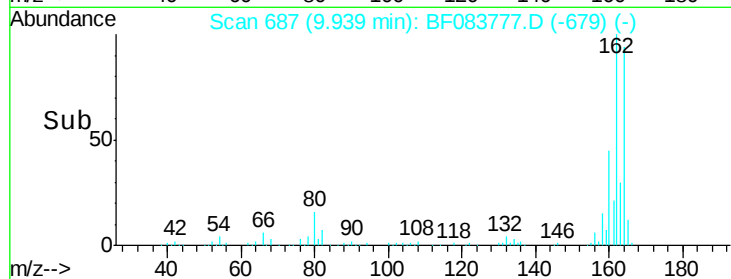
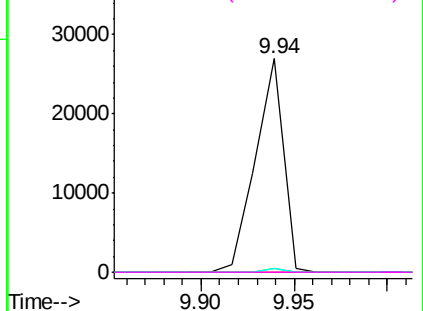


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083777.D

Acq: 14 Dec 2015 19:05

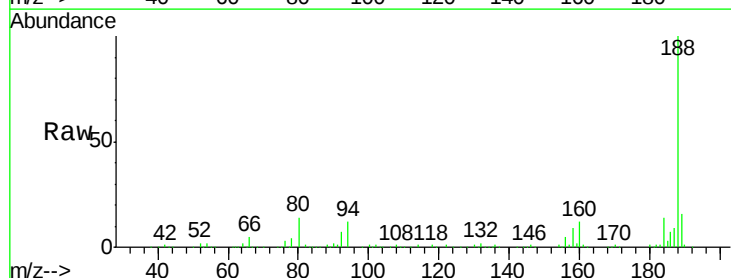
Tgt Ion:188 Resp: 402080

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

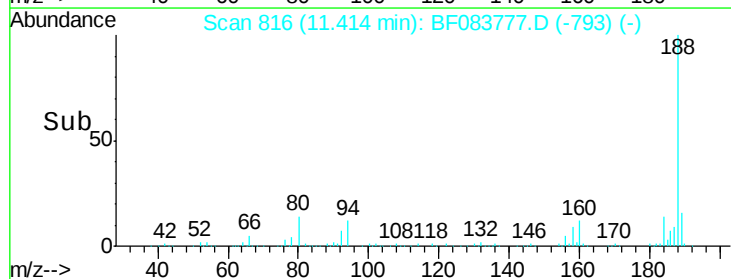
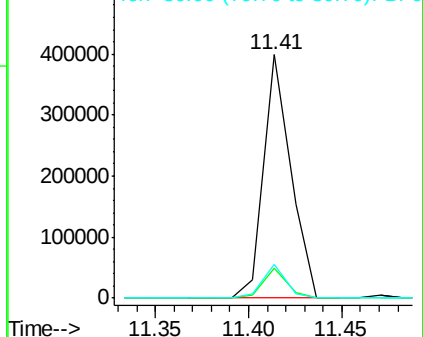
80 13.7 10.6 16.0

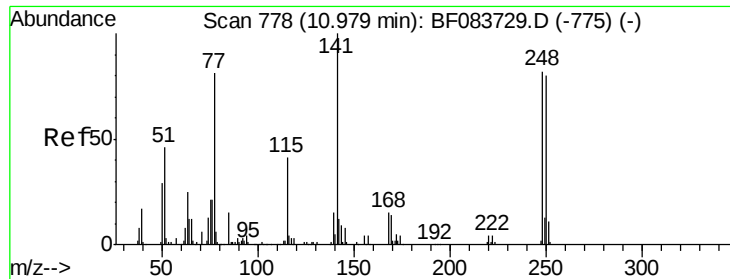


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

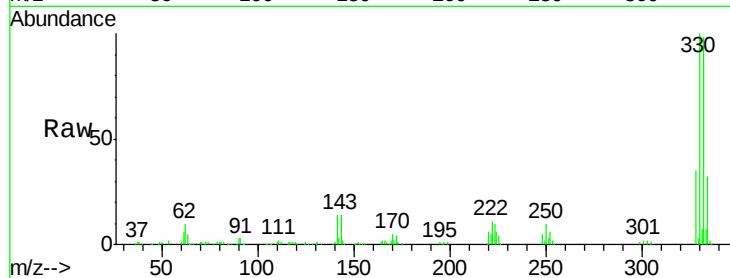




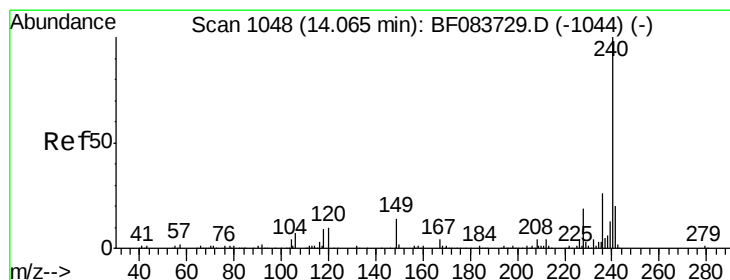
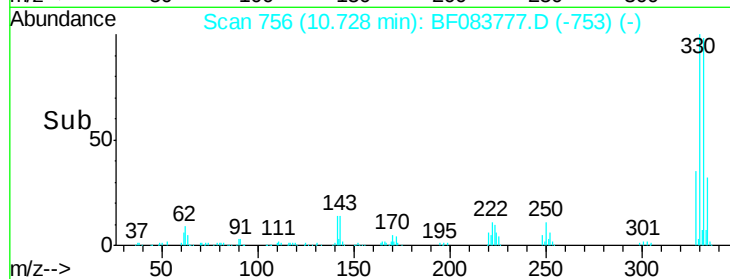
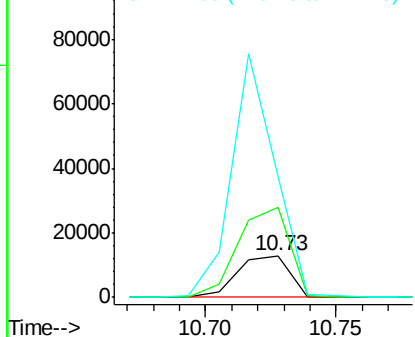
#66
 4-Bromophenyl-phenylether
 Concen: 3.97 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083777.D
 Acq: 14 Dec 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BL

Tgt Ion:248 Resp: 17829
 Ion Ratio Lower Upper
 248 100
 250 215.8 79.2 118.8#
 141 291.3 58.2 87.4#

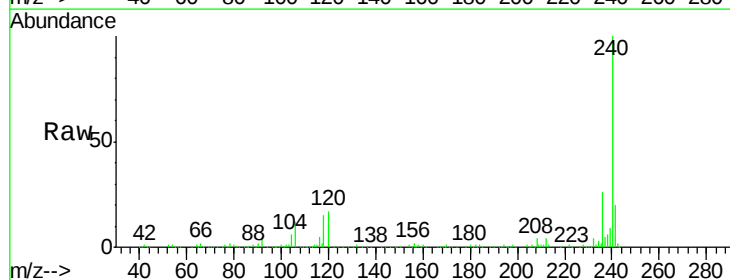


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

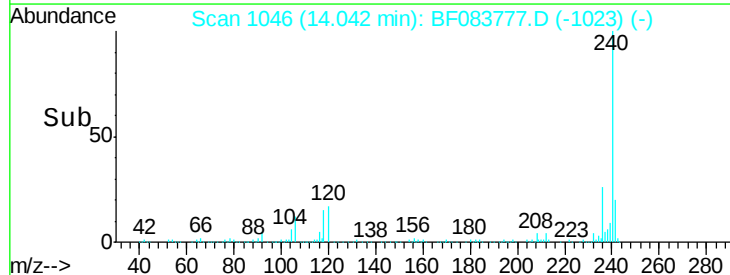
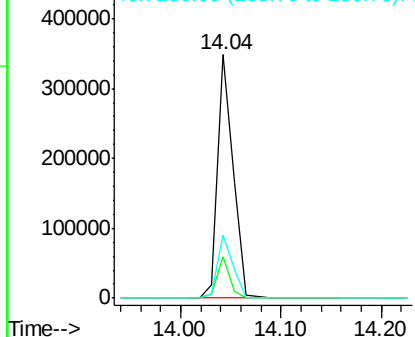


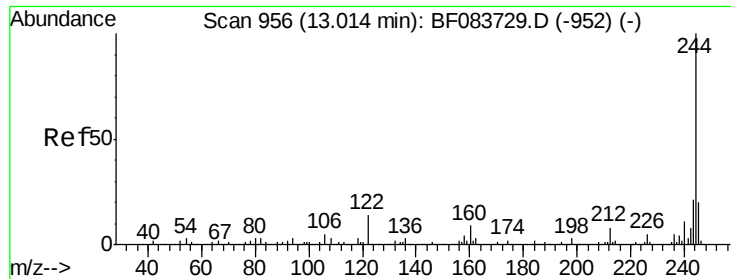
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083777.D
 Acq: 14 Dec 2015 19:05

Tgt Ion:240 Resp: 372491
 Ion Ratio Lower Upper
 240 100
 120 17.1 8.1 12.1#
 236 26.0 20.8 31.2



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

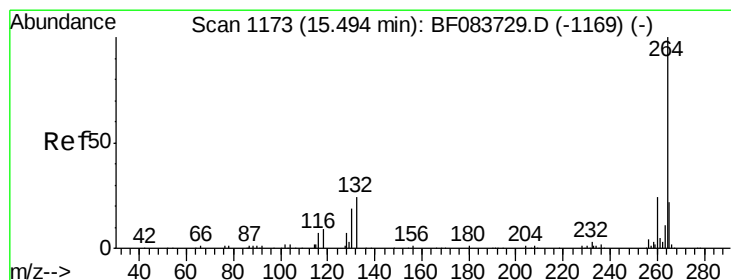
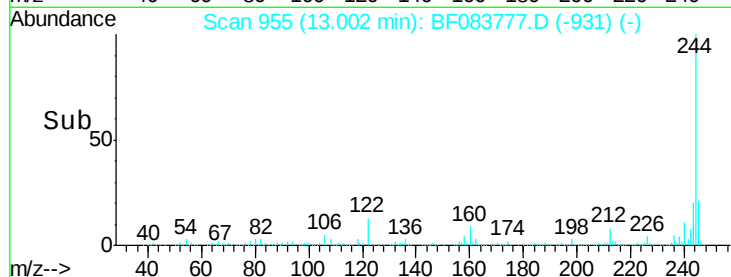
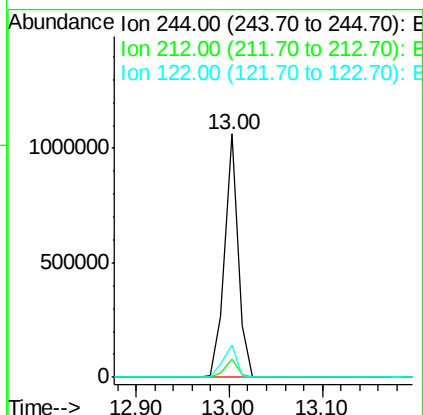
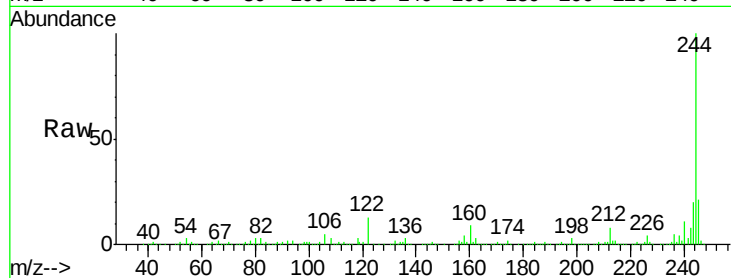




#78
 Terphenyl-d14
 Concen: 62.21 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083777.D
 Acq: 14 Dec 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BL

Tgt Ion:244 Resp: 1077208
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.4 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083777.D
 Acq: 14 Dec 2015 19:05

Tgt Ion:264 Resp: 307832
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.0
 265 21.8 17.8 26.6

