

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083721.D
 Acq On : 12 Dec 2015 3:29
 Operator : UM/IZ
 Sample : G4648-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(21-24.75)

Quant Time: Dec 12 04:08:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

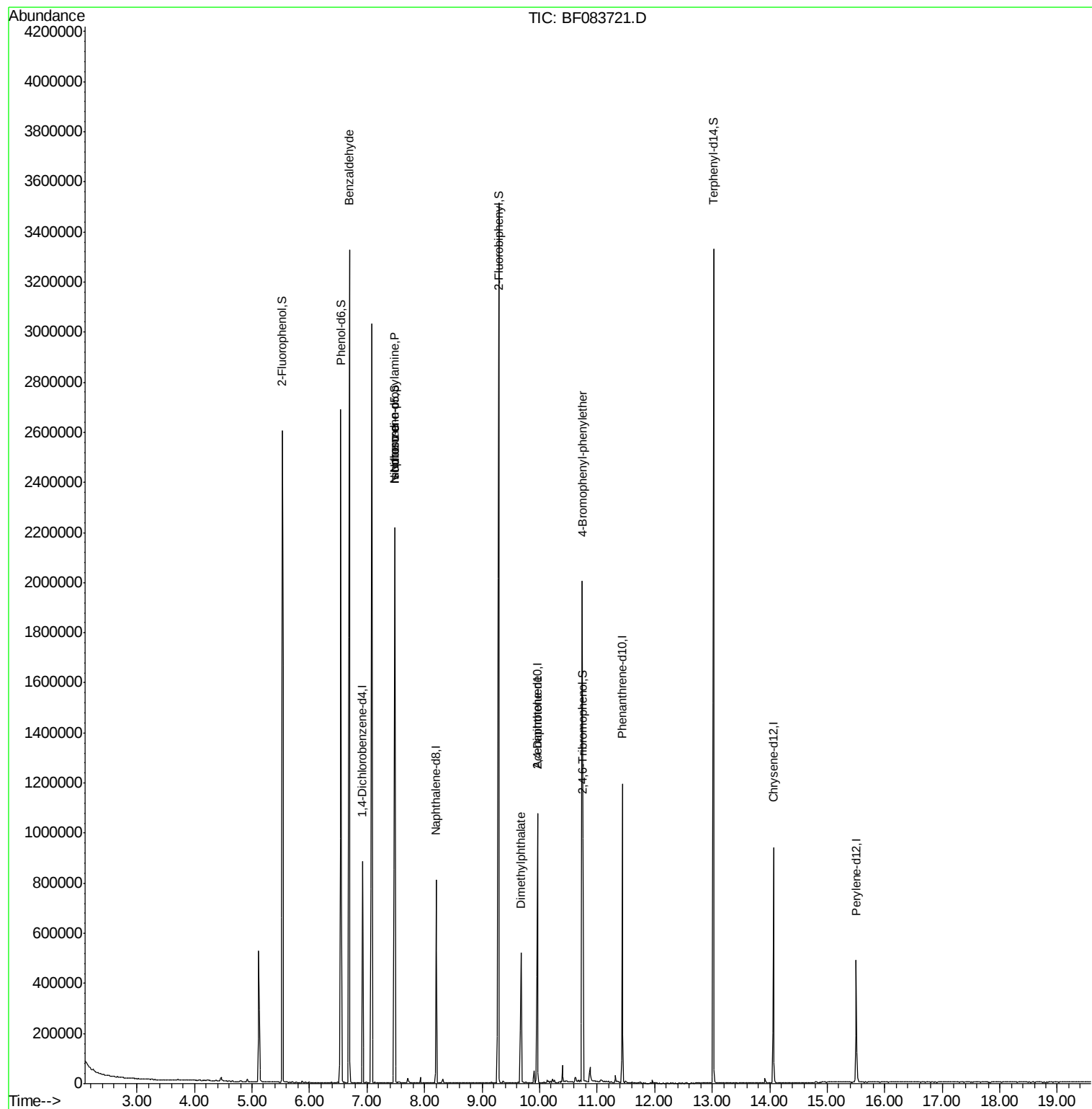
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	125995	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	476429	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	229243	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	400258	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	313433	20.00	ng	-0.01
86) Perylene-d12	15.51	264	211604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1040119	127.14	ng	0.00
7) Phenol-d6	6.54	99	1154433	114.26	ng	0.00
23) Nitrobenzene-d5	7.48	82	746234	106.22	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	303388	136.72	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1343413	86.32	ng	0.00
78) Terphenyl-d14	13.03	244	1137199	81.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	24229	4.35	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.48	70	103322	17.55	ng	# 73
25) Isophorone	7.48	82	739259	47.08	ng	# 69
49) Dimethylphthalate	9.68	163	241218	13.68	ng	98
56) 2,4-Dinitrotoluene	9.96	165	28311	6.50	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.74	198	486	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.74	248	18809	4.40	ng	# 1

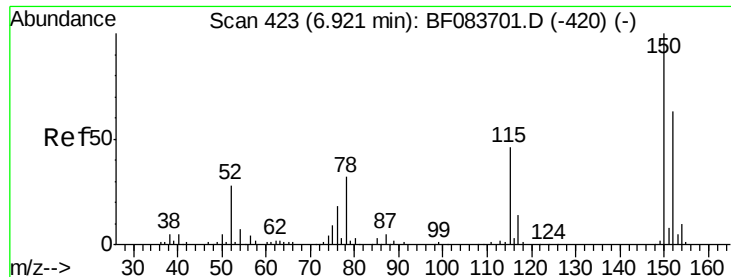
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

Instrument :

BNA_F

ClientSampleId :

SB-01(21-24.75)

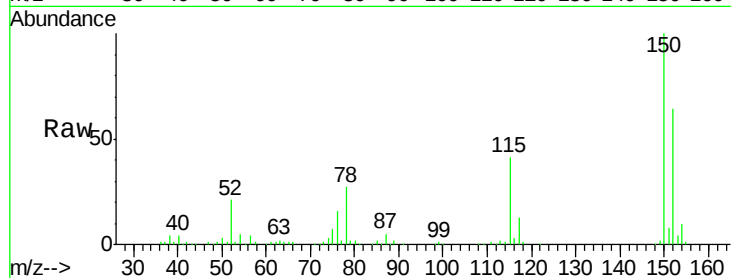
Tgt Ion:152 Resp: 125995

Ion Ratio Lower Upper

152 100

150 156.5 126.5 189.7

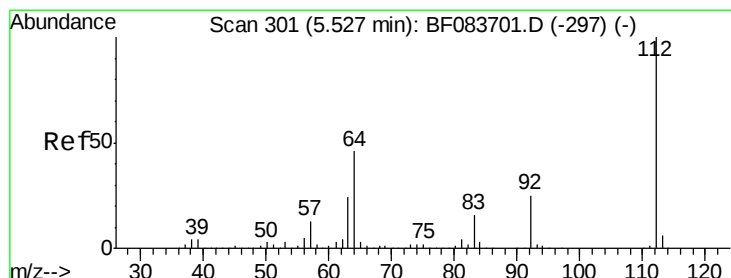
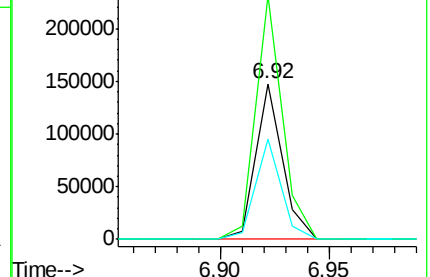
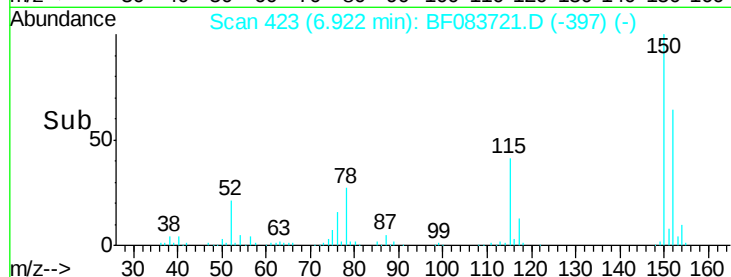
115 64.9 52.3 78.5



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: 127.14 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

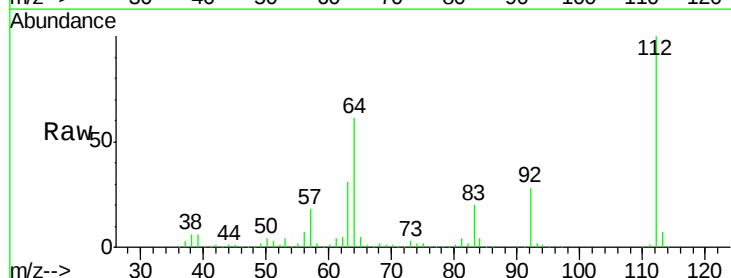
Tgt Ion:112 Resp: 1040119

Ion Ratio Lower Upper

112 100

64 60.7 50.5 75.7

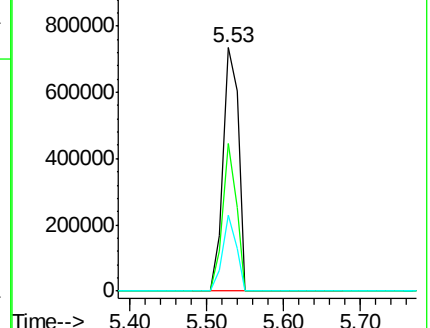
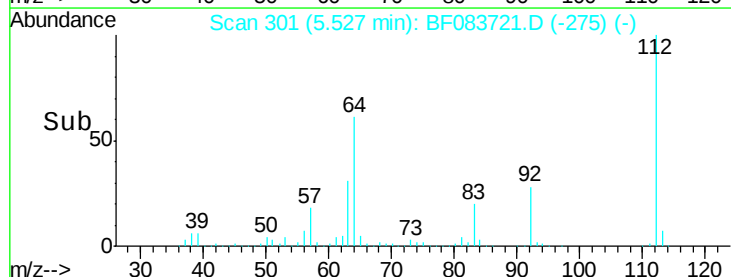
63 31.4 25.8 38.6

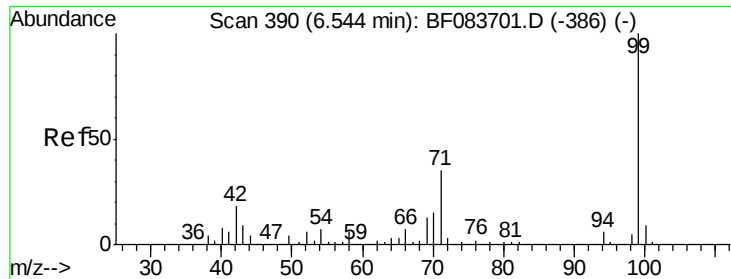


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.26 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

Instrument :

BNA_F

ClientSampleId :

SB-01(21-24.75)

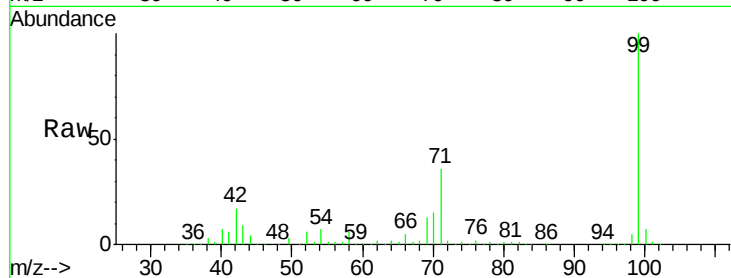
Tgt Ion: 99 Resp: 1154433

Ion Ratio Lower Upper

99 100

42 17.4 17.3 25.9

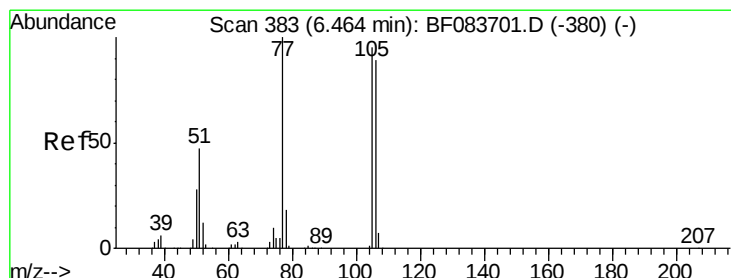
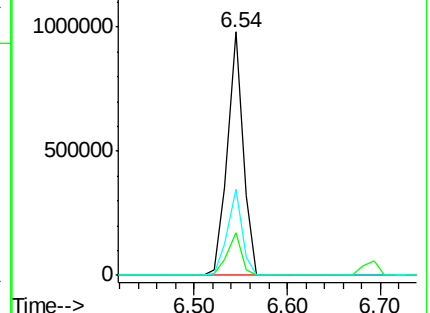
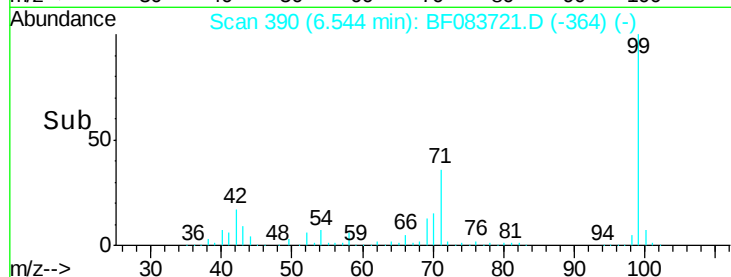
71 35.6 26.6 40.0



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: 4.35 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

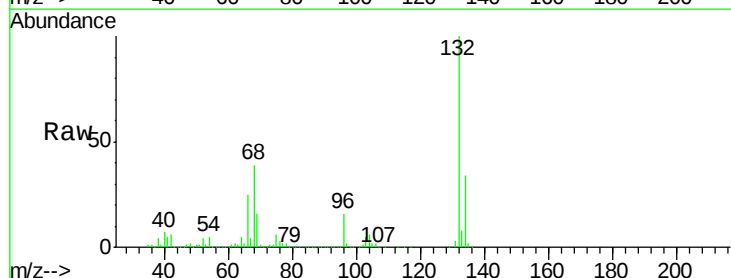
Tgt Ion: 77 Resp: 24229

Ion Ratio Lower Upper

77 100

105 86.4 71.8 111.8

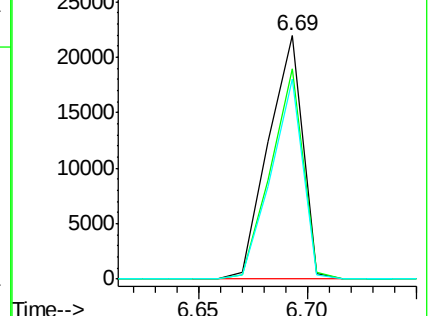
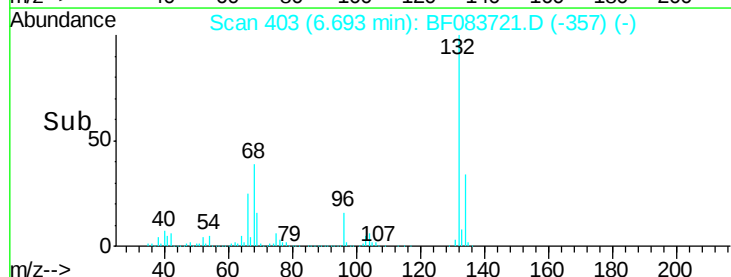
106 82.4 66.8 106.8

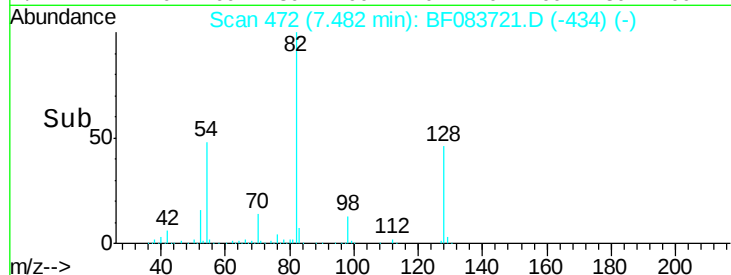
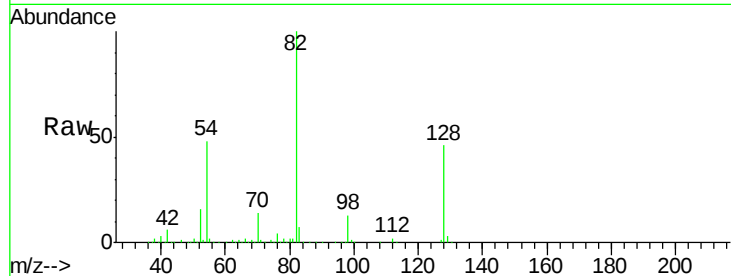
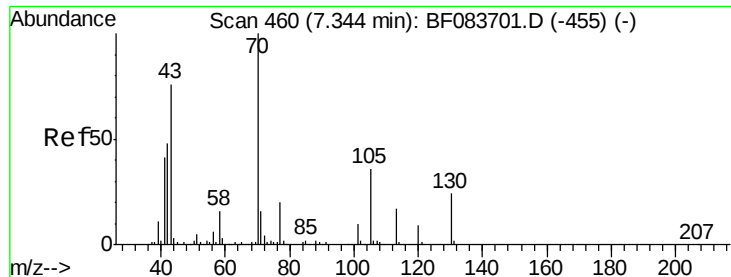


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

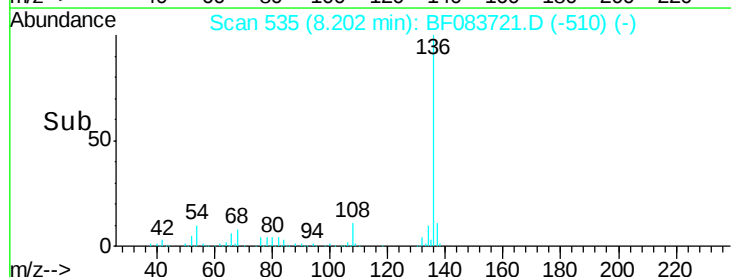
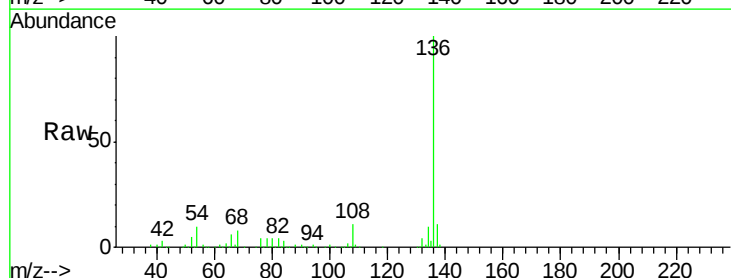
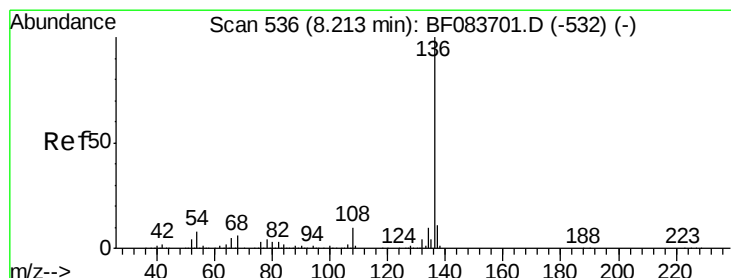
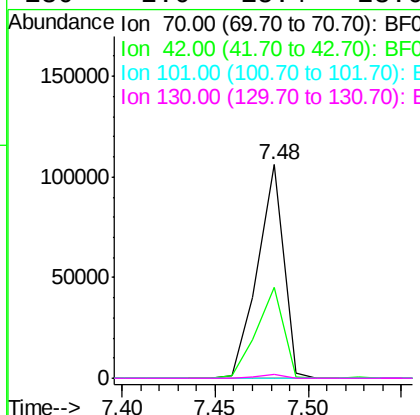




#19
n-Nitroso-di-n-propylamine
Concen: 17.55 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083721.D
Acq: 12 Dec 2015 3:29

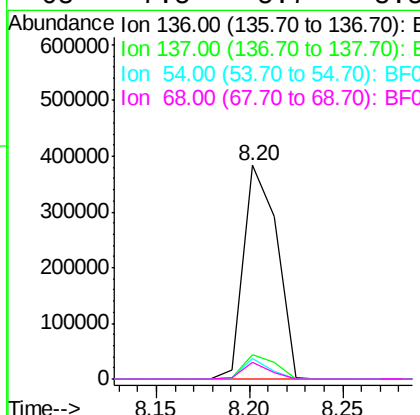
Instrument :
BNA_F
ClientSampleId :
SB-01(21-24.75)

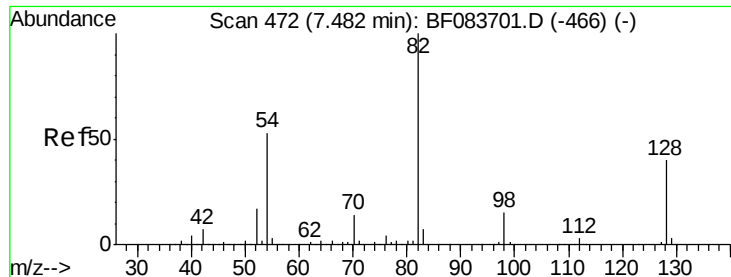
Tgt Ion: 70 Resp: 103322
Ion Ratio Lower Upper
70 100
42 42.8 49.2 73.8#
101 0.0 7.1 10.7#
130 2.0 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083721.D
Acq: 12 Dec 2015 3:29

Tgt Ion: 136 Resp: 476429
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.6 7.8 11.6
68 7.5 5.7 8.5

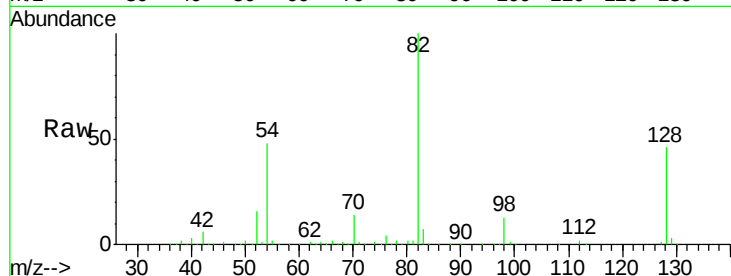




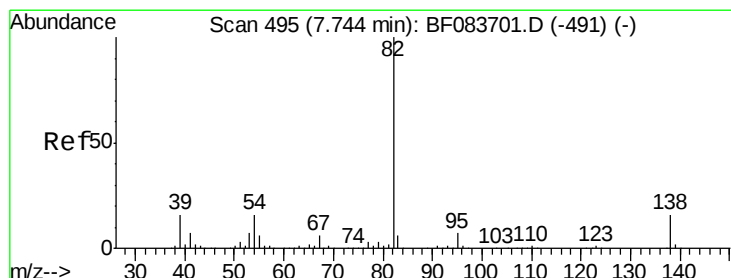
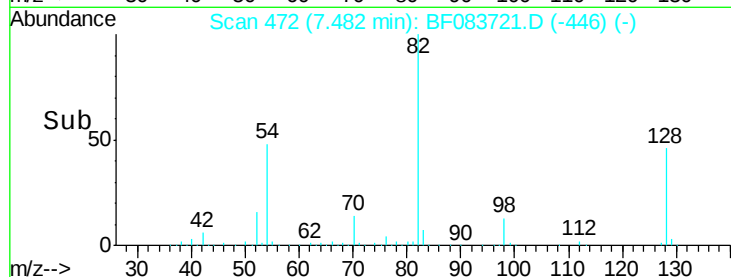
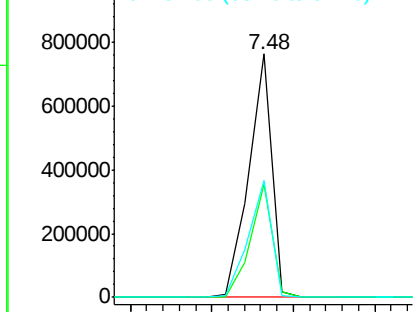
#23
 Nitrobenzene-d5
 Concen: 106.22 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083721.D
 Acq: 12 Dec 2015 3:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(21-24.75)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	30.7	46.1#
54	48.1	42.5	63.7

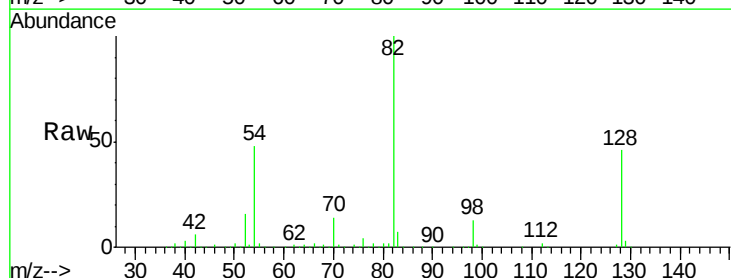


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

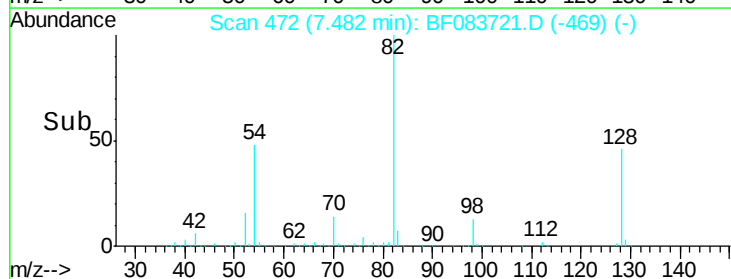
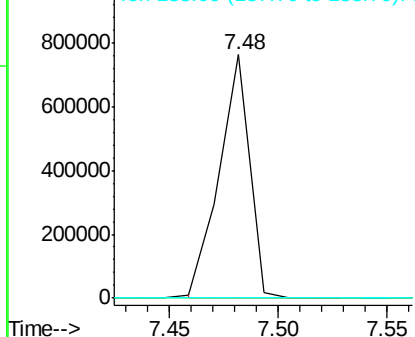


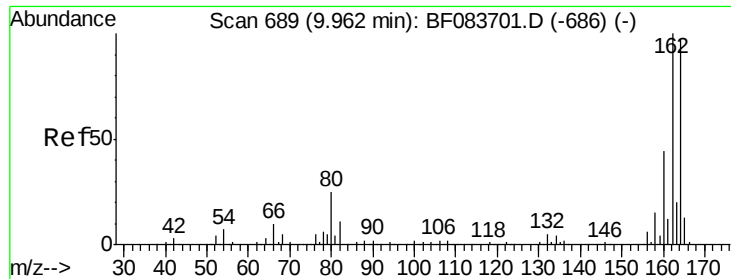
#25
 Isophorone
 Concen: 47.08 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083721.D
 Acq: 12 Dec 2015 3:29

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



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: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

Instrument :

BNA_F

ClientSampleId :

SB-01(21-24.75)

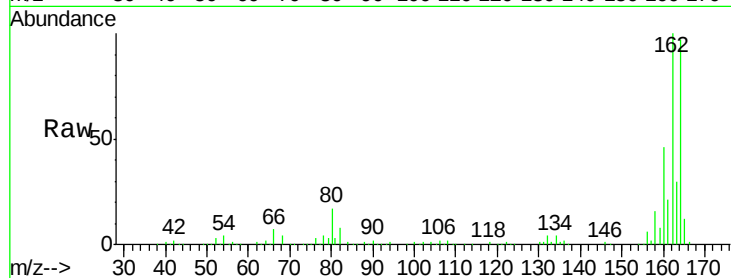
Tgt Ion:164 Resp: 229243

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

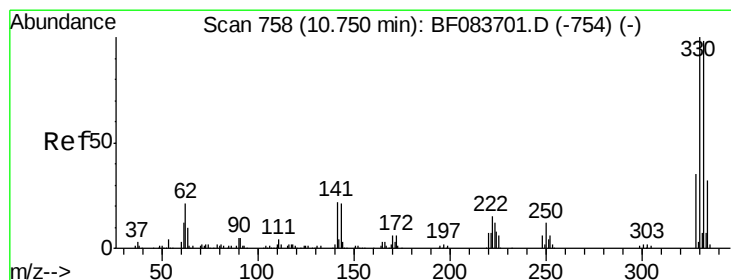
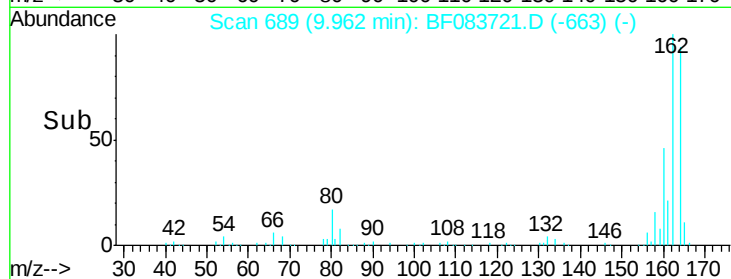
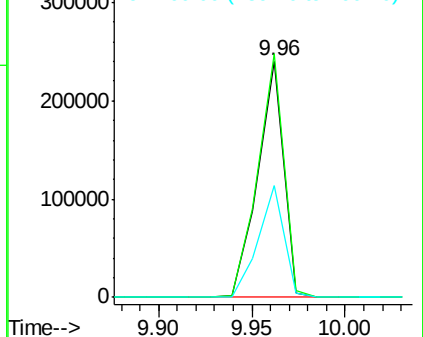
160 47.1 33.4 50.2



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: 136.72 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

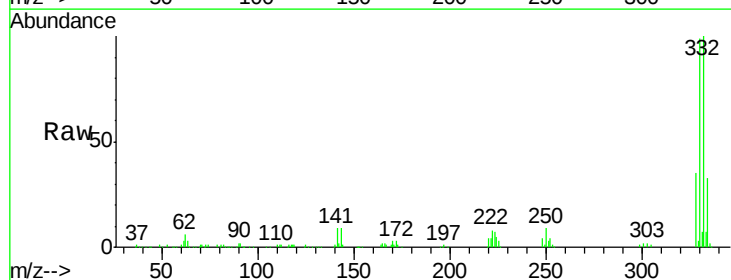
Tgt Ion:330 Resp: 303388

Ion Ratio Lower Upper

330 100

332 99.2 0.0 0.0#

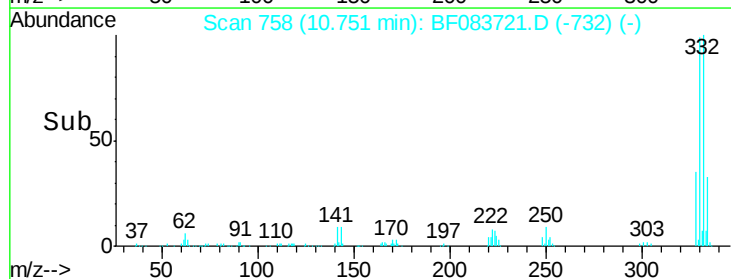
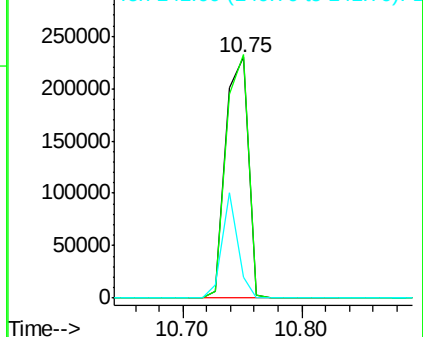
141 30.5 0.0 0.0#

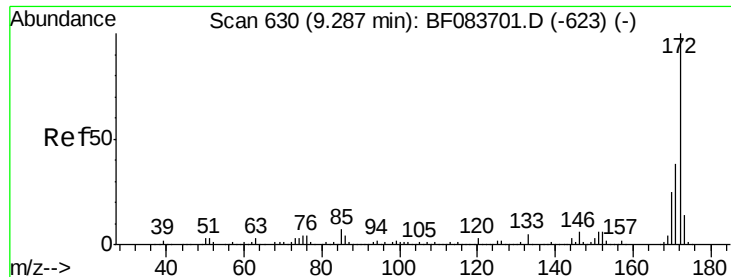


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

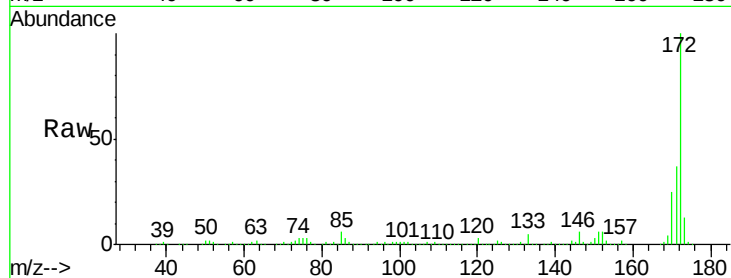




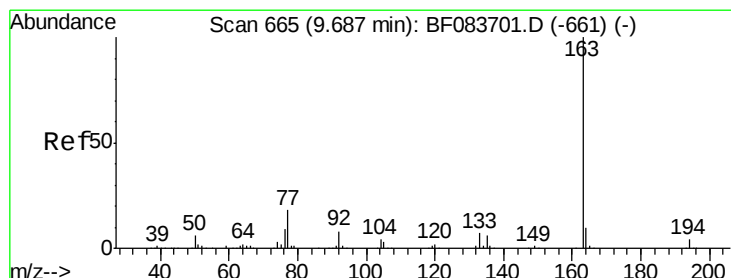
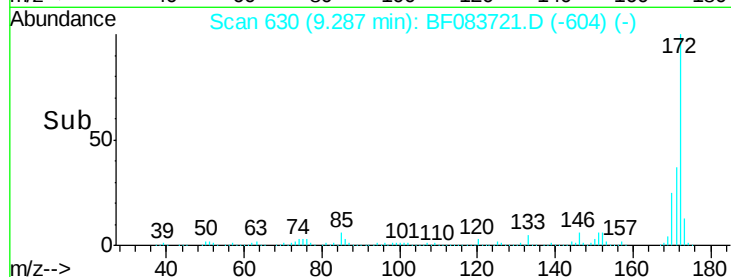
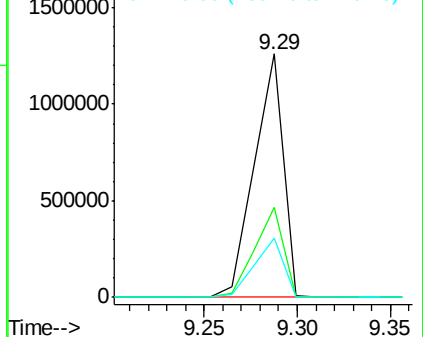
#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083721.D
 Acq: 12 Dec 2015 3:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(21-24.75)

Tgt Ion:172 Resp: 1343413
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 42.8
 170 24.6 19.4 29.0

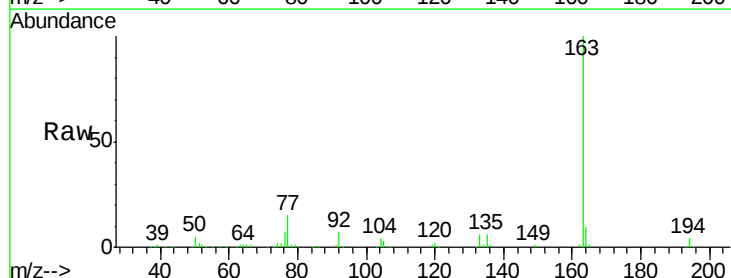


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

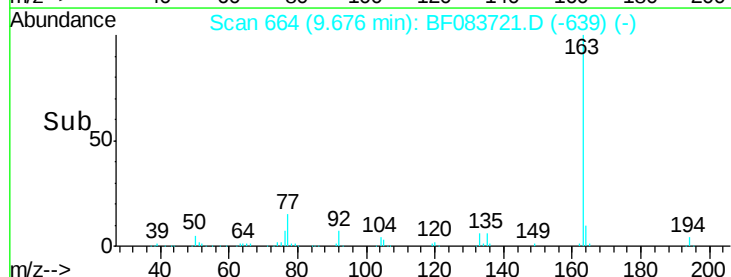
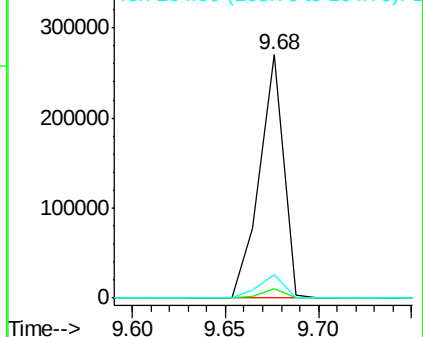


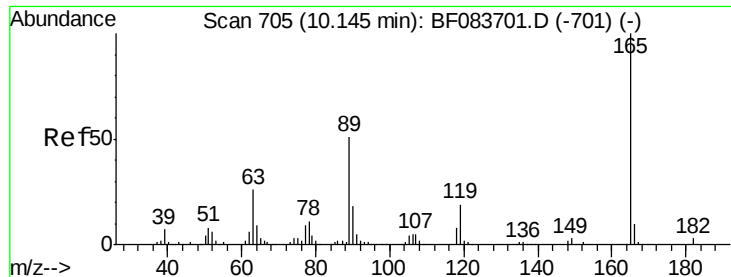
#49
 Dimethylphthalate
 Concen: 13.68 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF083721.D
 Acq: 12 Dec 2015 3:29

Tgt Ion:163 Resp: 241218
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.9 8.6 13.0



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: 6.50 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.18 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

Instrument :

BNA_F

ClientSampleId :

SB-01(21-24.75)

Tgt Ion:165 Resp: 28311

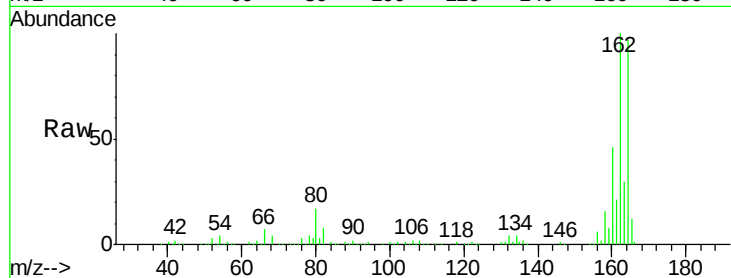
Ion Ratio Lower Upper

165 100

63 1.5 51.4 77.2#

89 2.0 72.6 108.8#

182 0.0 1.4 2.0#

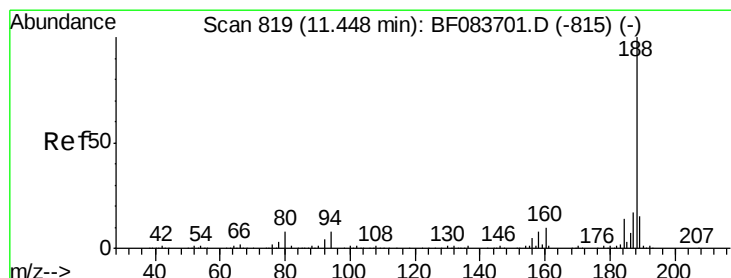
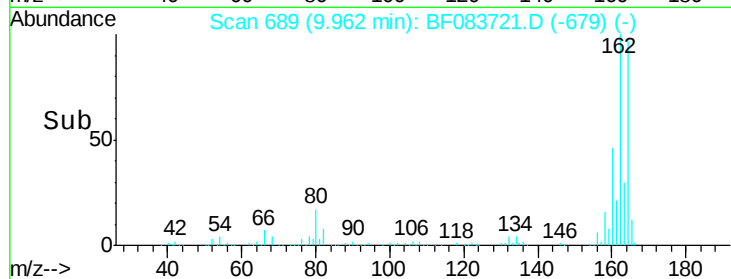
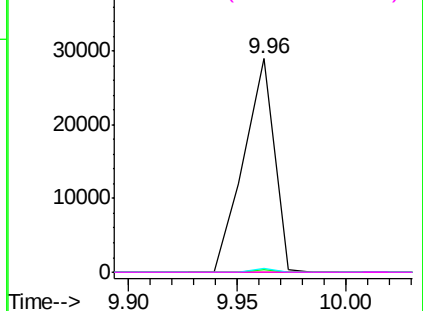


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083721.D

Acq: 12 Dec 2015 3:29

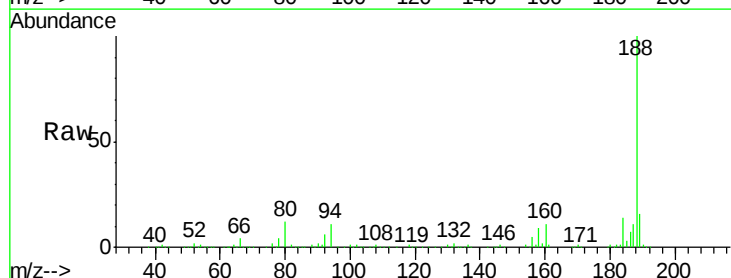
Tgt Ion:188 Resp: 400258

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

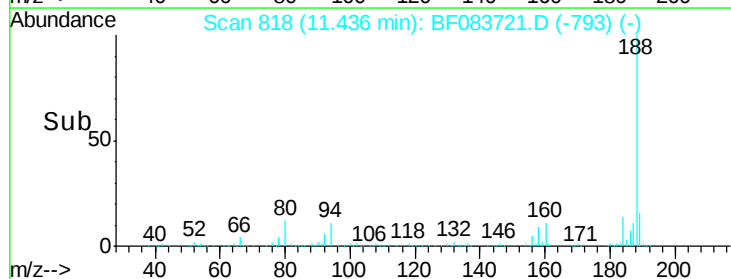
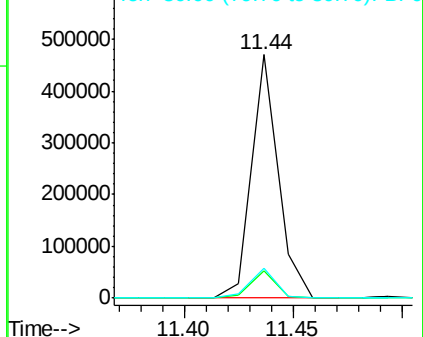
80 12.2 10.6 16.0

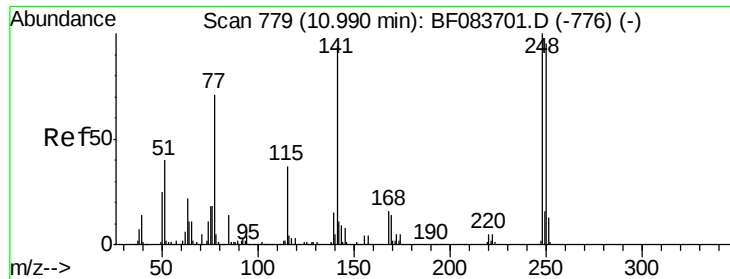


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

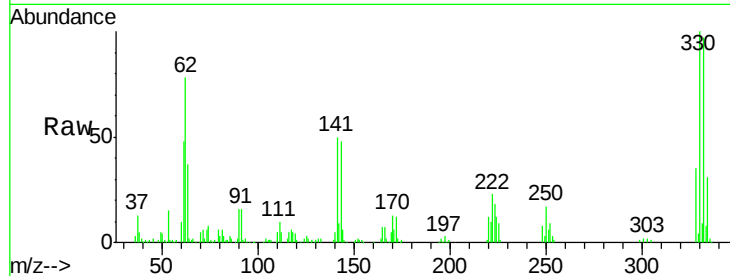




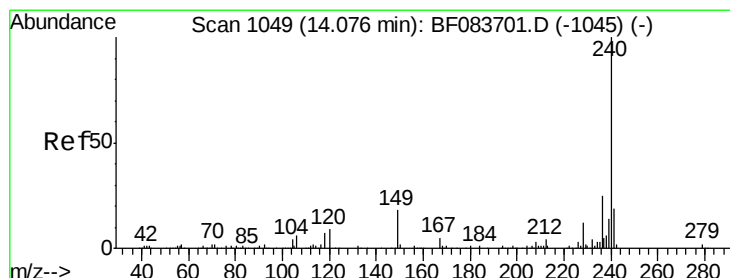
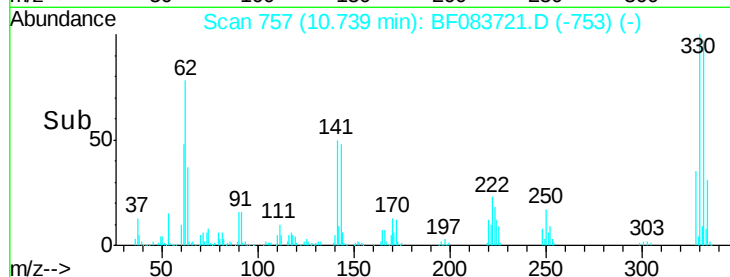
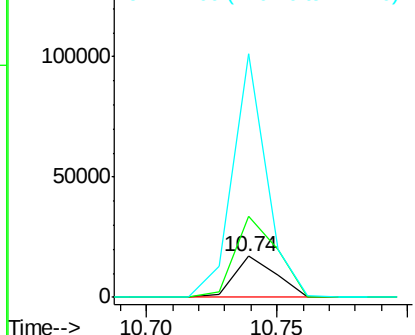
#66
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083721.D
Acq: 12 Dec 2015 3:29

Instrument :
BNA_F
ClientSampleId :
SB-01(21-24.75)

Tgt Ion:248 Resp: 18809
Ion Ratio Lower Upper
248 100
250 198.5 79.2 118.8#
141 597.4 58.2 87.4#

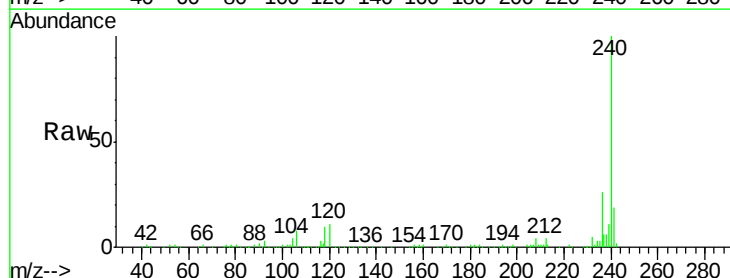


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

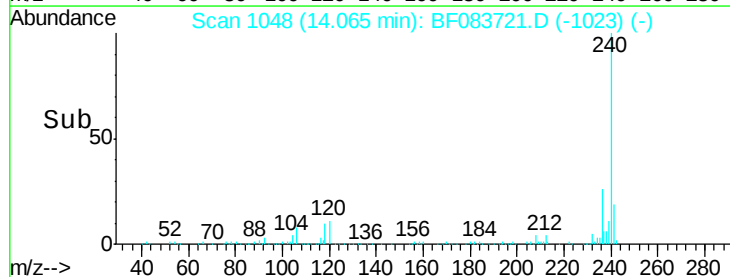
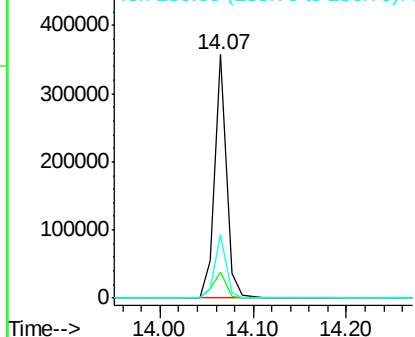


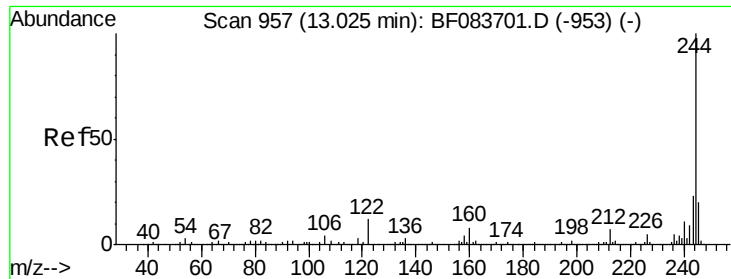
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083721.D
Acq: 12 Dec 2015 3:29

Tgt Ion:240 Resp: 313433
Ion Ratio Lower Upper
240 100
120 10.9 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

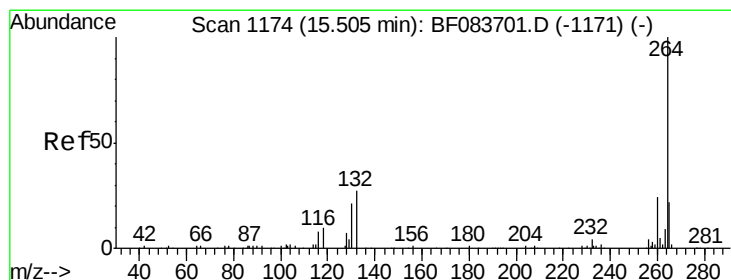
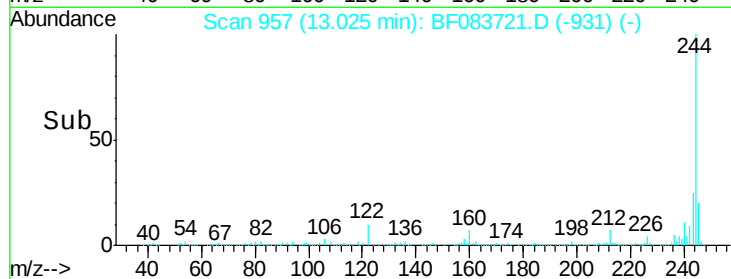
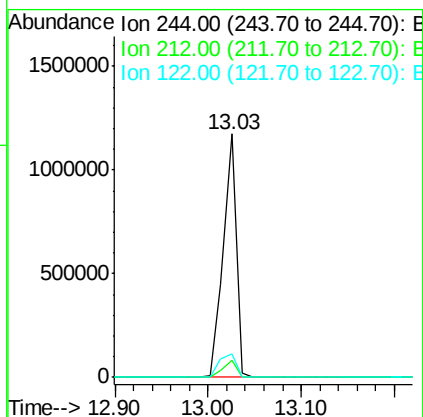
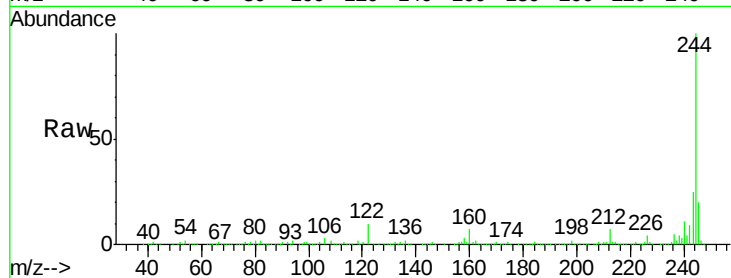




#78
 Terphenyl-d14
 Concen: 81.48 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083721.D
 Acq: 12 Dec 2015 3:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(21-24.75)

Tgt Ion:244 Resp: 1137199
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.5 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083721.D
 Acq: 12 Dec 2015 3:29

Tgt Ion:264 Resp: 211604
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.4 17.8 26.6

