

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083724.D
 Acq On : 12 Dec 2015 4:53
 Operator : UM/IZ
 Sample : G4648-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(20-24)

Quant Time: Dec 12 05:35:27 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

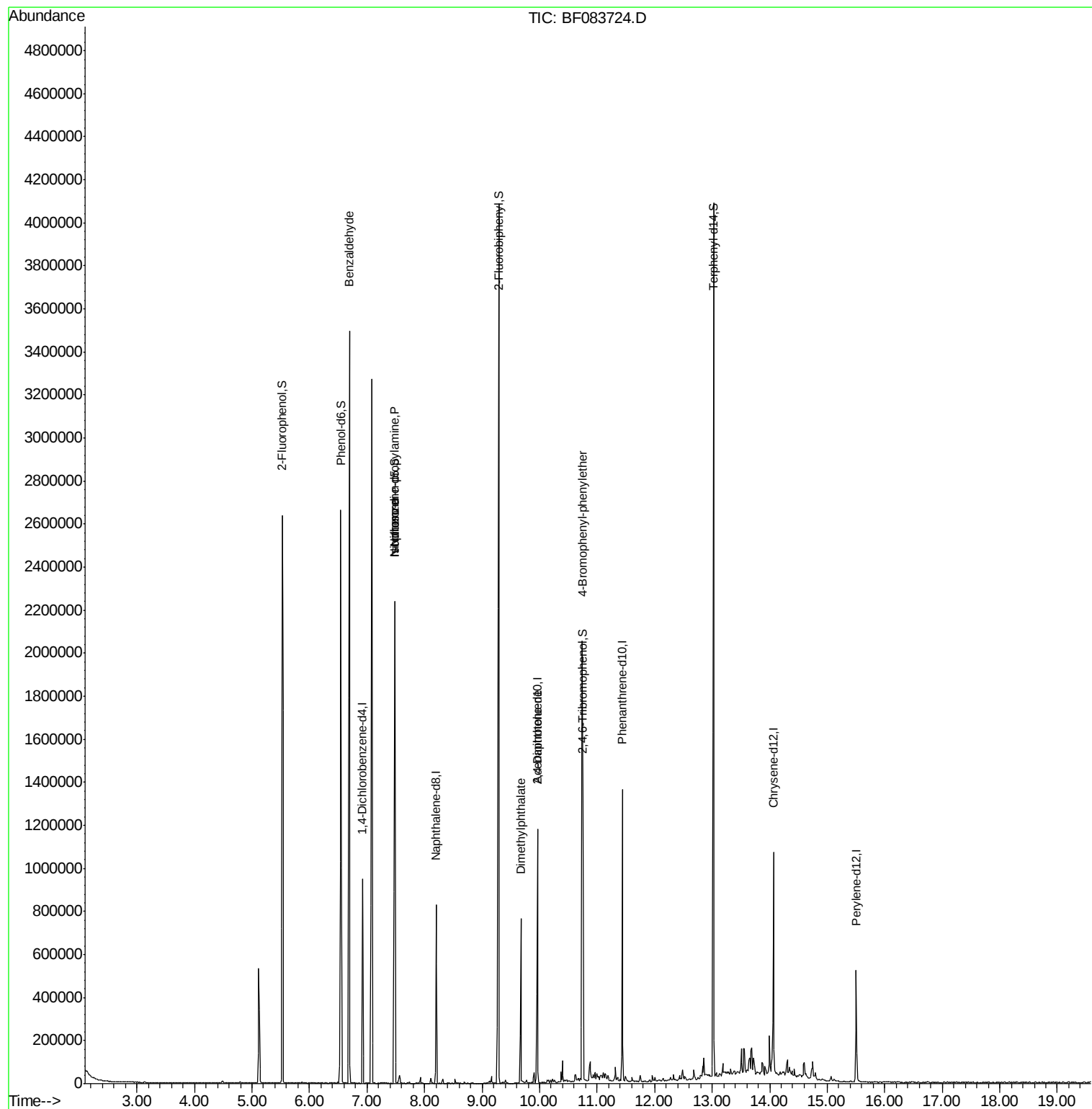
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132795	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	496712	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	244221	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	445421	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	336781	20.00	ng	-0.01
86) Perylene-d12	15.51	264	236410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1072378	124.37	ng	0.00
7) Phenol-d6	6.54	99	1235276	116.00	ng	0.00
23) Nitrobenzene-d5	7.48	82	771407	105.32	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	354199	149.83	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1498635	90.39	ng	0.00
78) Terphenyl-d14	13.03	244	1337247	89.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	25520	4.35	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.48	70	104375	16.82	ng	# 73
25) Isophorone	7.48	82	761190	46.50	ng	# 69
49) Dimethylphthalate	9.68	163	327848	17.45	ng	98
56) 2,4-Dinitrotoluene	9.96	165	31335	6.75	ng	# 12
66) 4-Bromophenyl-phenylether	10.74	248	22481	4.72	ng	# 1

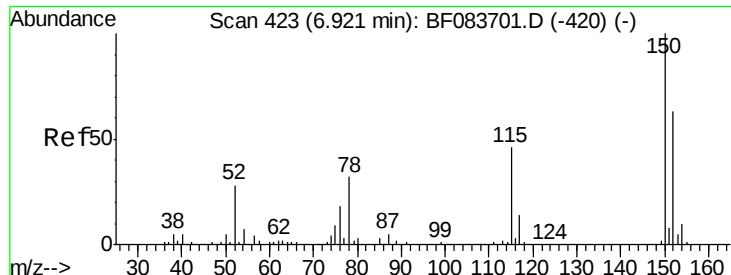
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083724.D

Acq: 12 Dec 2015 4:53

Instrument :

BNA_F

ClientSampleId :

SB-04(20-24)

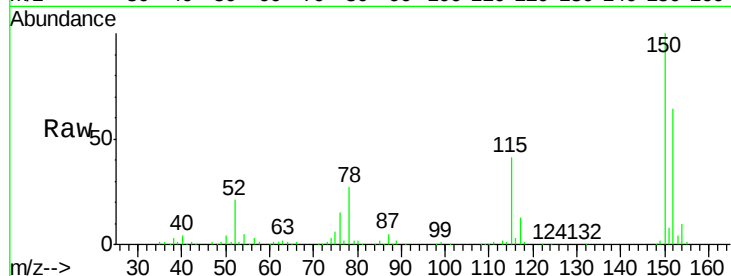
Tgt Ion:152 Resp: 132795

Ion Ratio Lower Upper

152 100

150 157.0 126.5 189.7

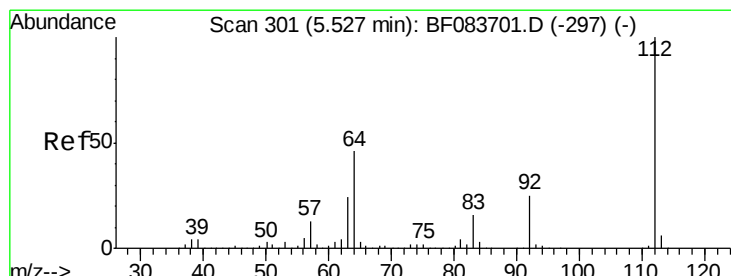
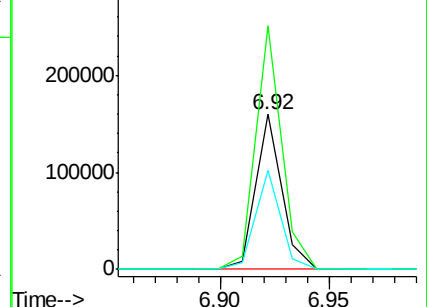
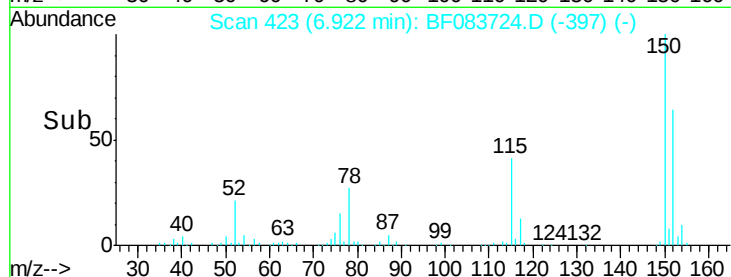
115 64.0 52.3 78.5



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: 124.37 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083724.D

Acq: 12 Dec 2015 4:53

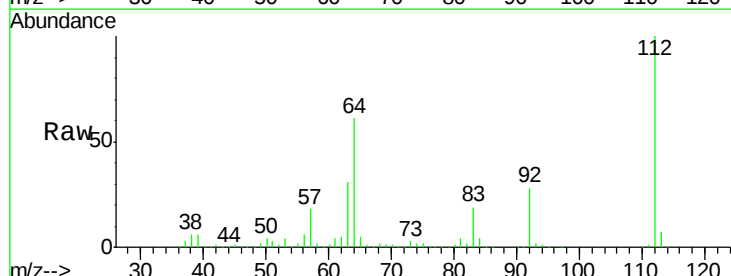
Tgt Ion:112 Resp: 1072378

Ion Ratio Lower Upper

112 100

64 60.6 50.5 75.7

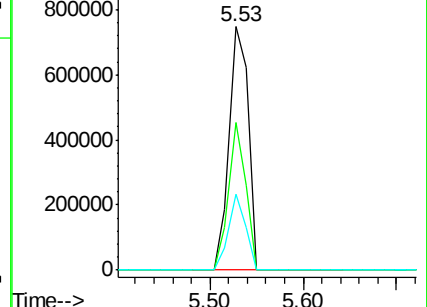
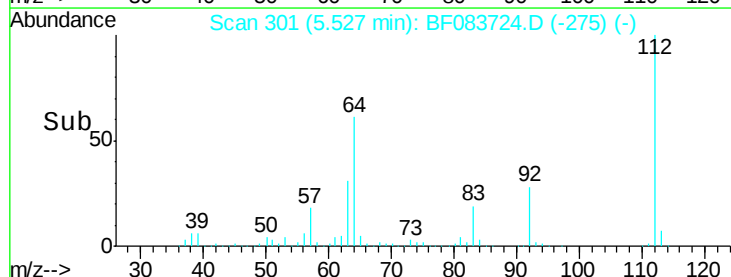
63 31.4 25.8 38.6

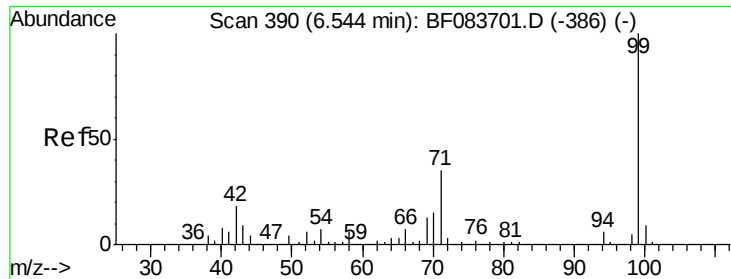


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.00 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083724.D

Acq: 12 Dec 2015 4:53

Instrument :

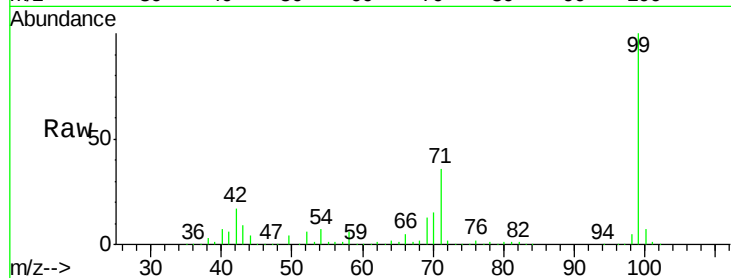
BNA_F

ClientSampleId :

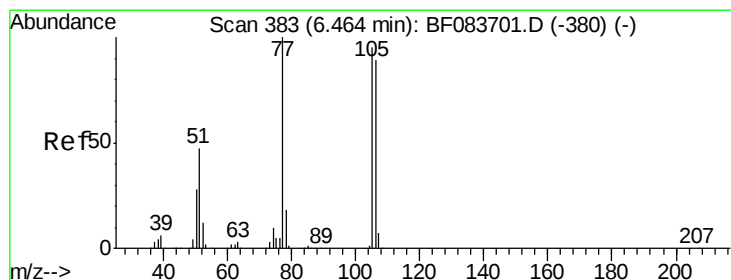
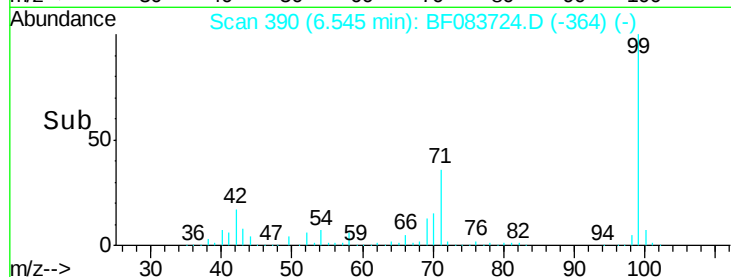
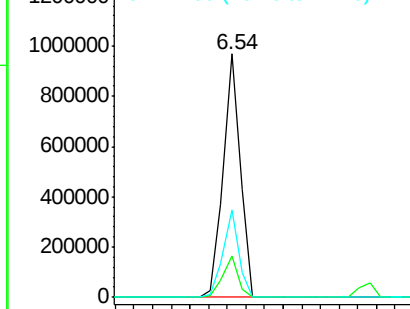
SB-04(20-24)

Tgt Ion: 99 Resp: 1235276

Ion	Ratio	Lower	Upper
99	100		
42	17.2	17.3	25.9#
71	35.9	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

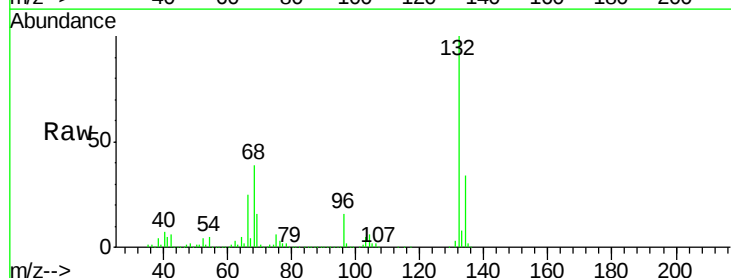
Delta R.T. 0.23 min

Lab File: BF083724.D

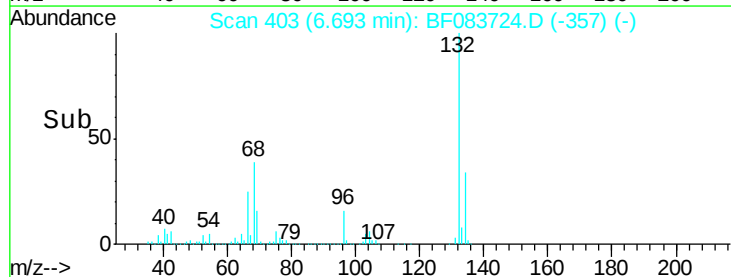
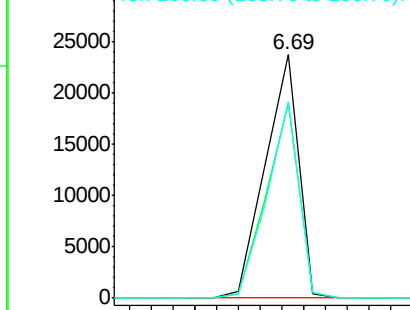
Acq: 12 Dec 2015 4:53

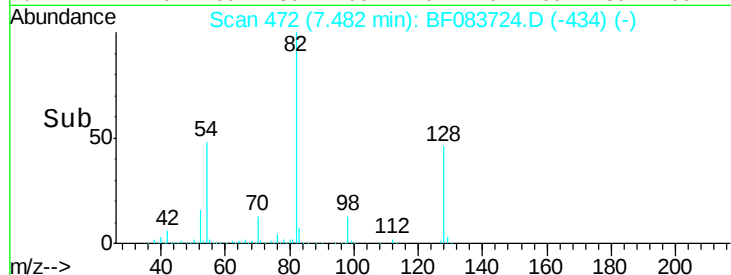
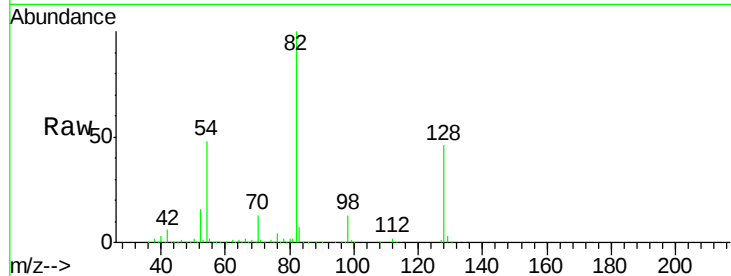
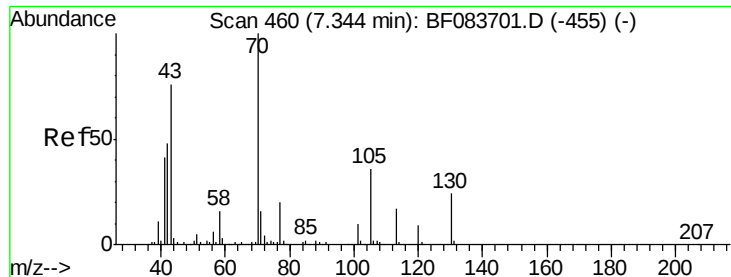
Tgt Ion: 77 Resp: 25520

Ion	Ratio	Lower	Upper
77	100		
105	80.3	71.8	111.8
106	80.7	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

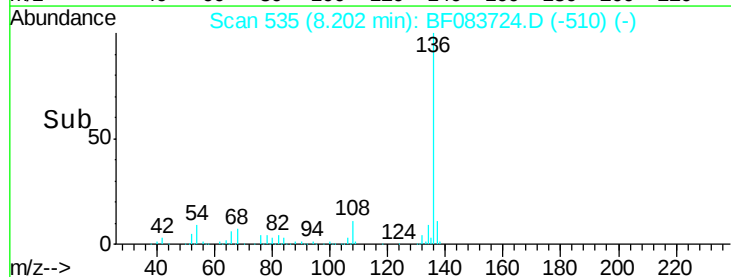
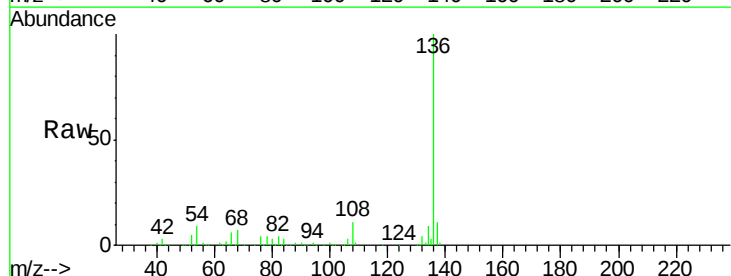
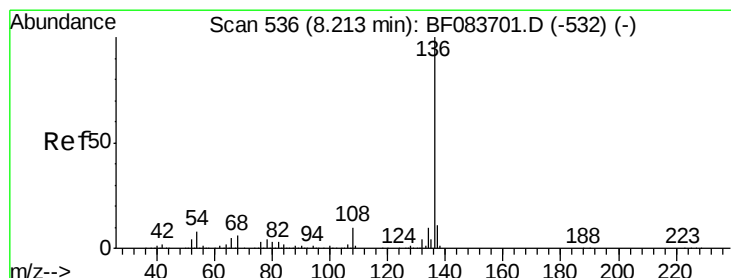
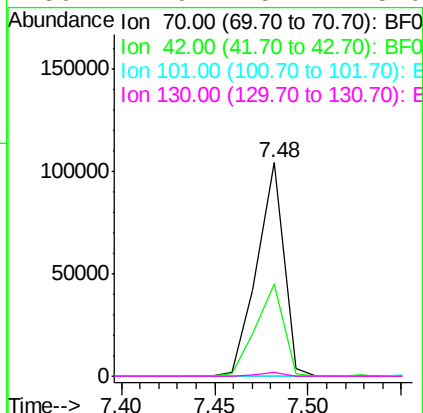




#19
n-Nitroso-di-n-propylamine
Concen: 16.82 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

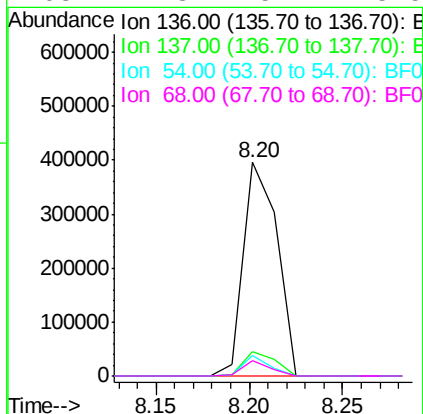
Instrument :
BNA_F
ClientSampleId :
SB-04(20-24)

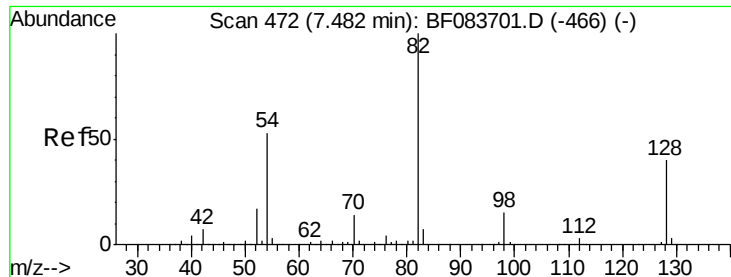
Tgt Ion:	70	Resp:	104375
Ion Ratio	Lower	Upper	
70	100		
42	43.1	49.2	73.8#
101	0.0	7.1	10.7#
130	1.9	15.4	23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

Tgt Ion:	136	Resp:	496712
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	9.4	7.8	11.6
68	7.3	5.7	8.5

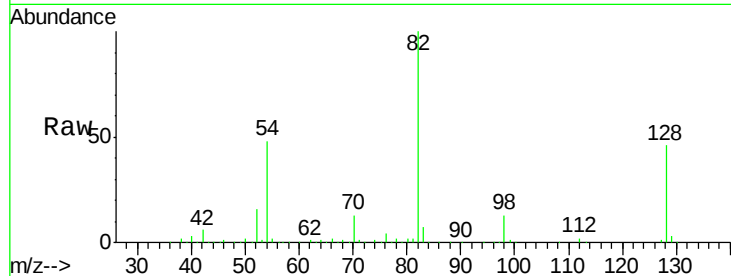




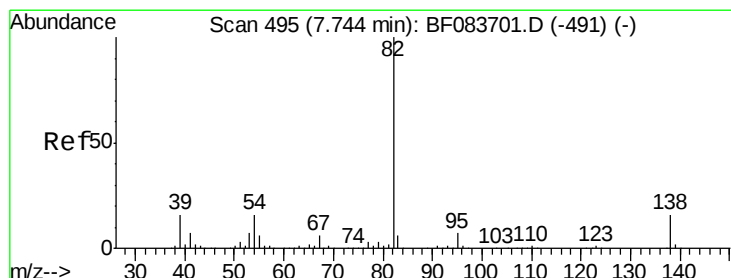
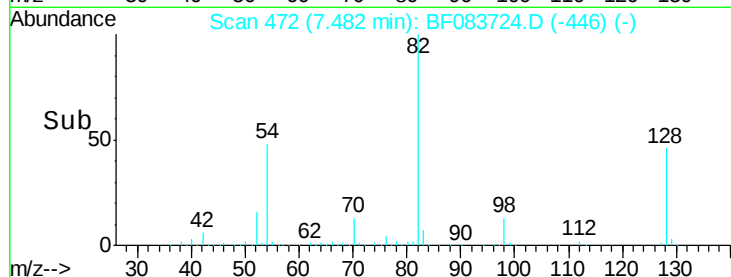
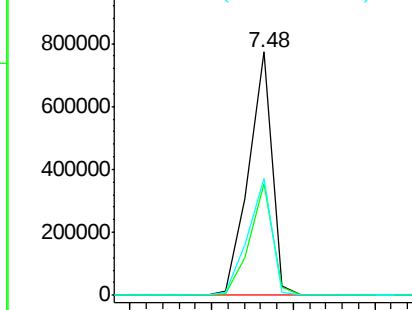
#23
 Nitrobenzene-d5
 Concen: 105.32 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083724.D
 Acq: 12 Dec 2015 4:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(20-24)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	30.7	46.1
54	47.9	42.5	63.7

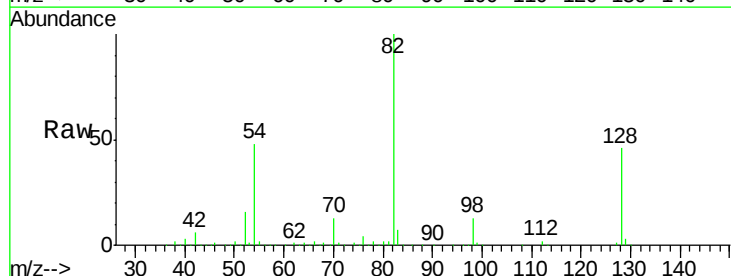


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

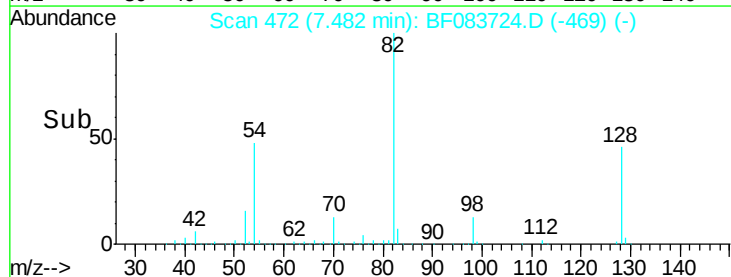
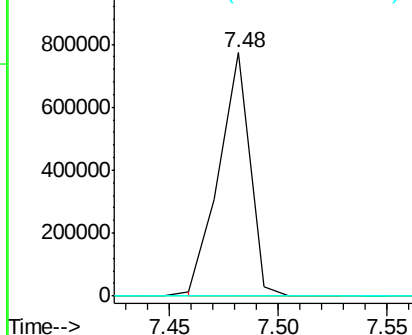


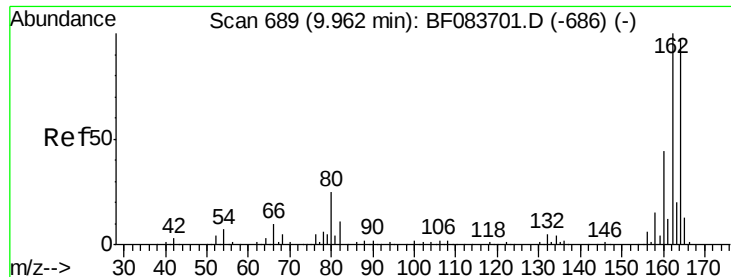
#25
 Isophorone
 Concen: 46.50 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083724.D
 Acq: 12 Dec 2015 4:53

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: BF083724.D

Acq: 12 Dec 2015 4:53

Instrument :

BNA_F

ClientSampleId :

SB-04(20-24)

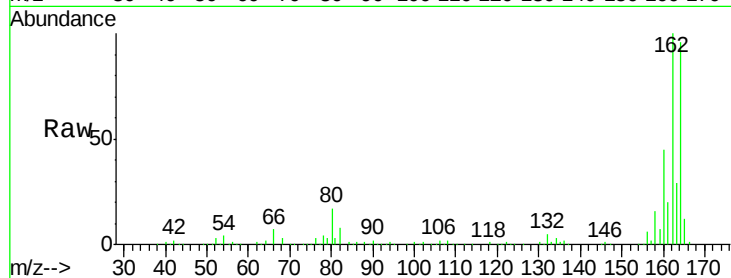
Tgt Ion:164 Resp: 244221

Ion Ratio Lower Upper

164 100

162 104.6 78.8 118.2

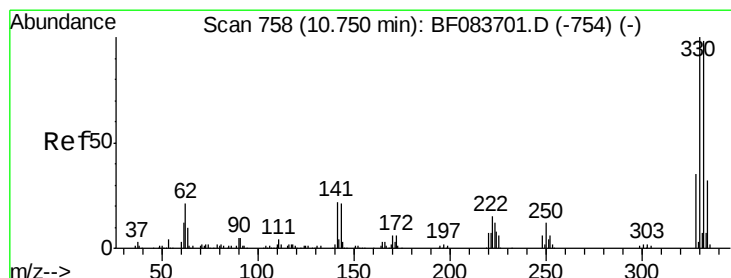
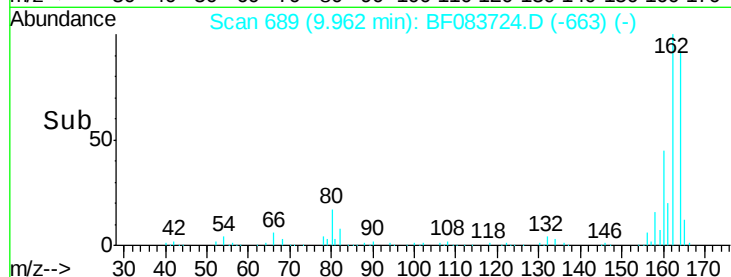
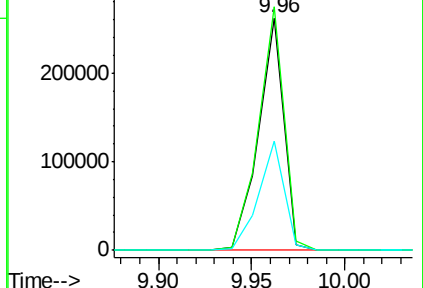
160 47.0 33.4 50.2



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: 149.83 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083724.D

Acq: 12 Dec 2015 4:53

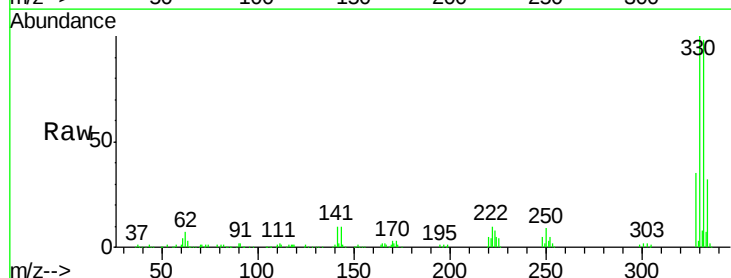
Tgt Ion:330 Resp: 354199

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

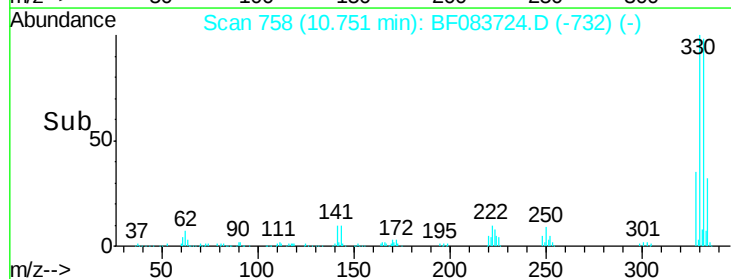
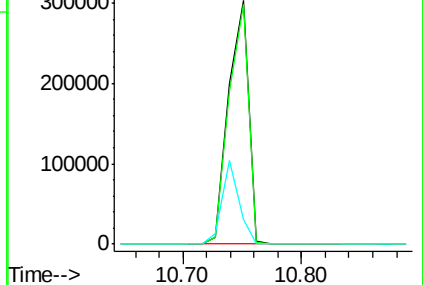
141 28.9 0.0 0.0#

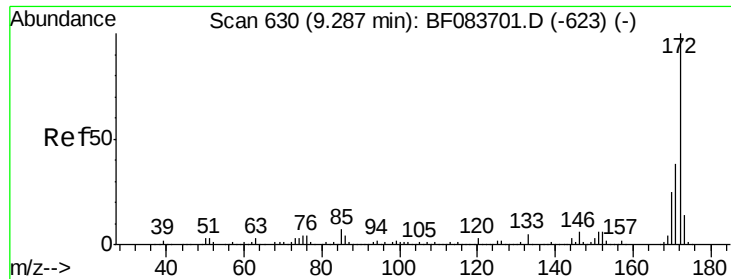


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

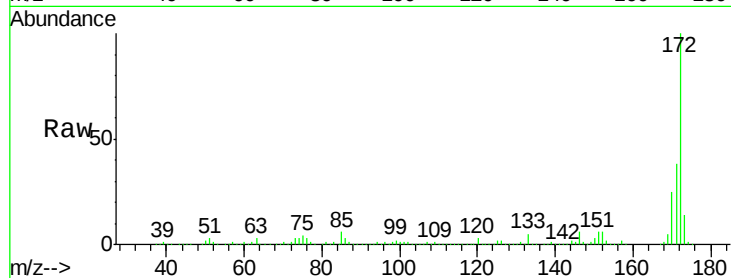




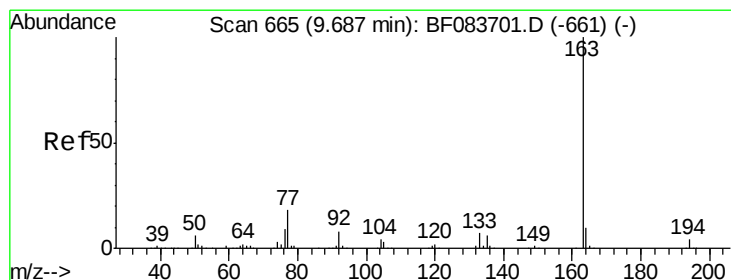
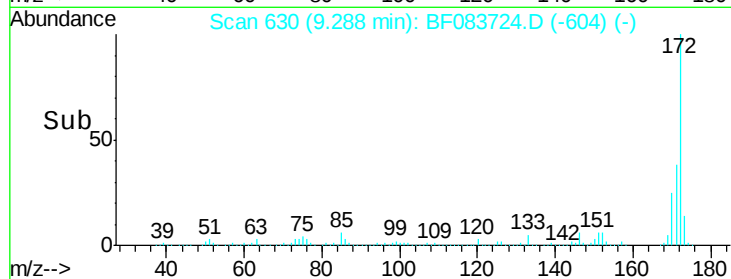
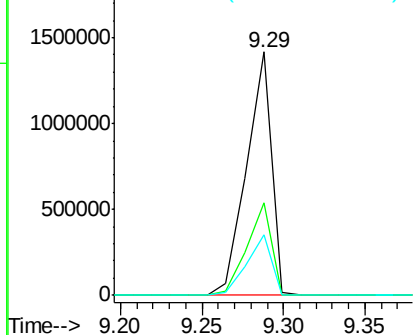
#44
2-Fluorobiphenyl
Concen: 90.39 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

Instrument :
BNA_F
ClientSampleId :
SB-04(20-24)

Tgt Ion:172 Resp: 1498635
Ion Ratio Lower Upper
172 100
171 38.0 28.6 42.8
170 25.0 19.4 29.0

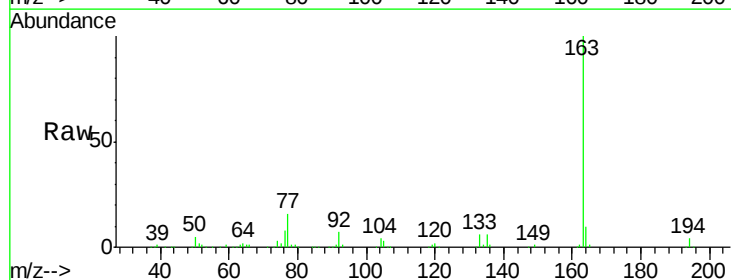


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

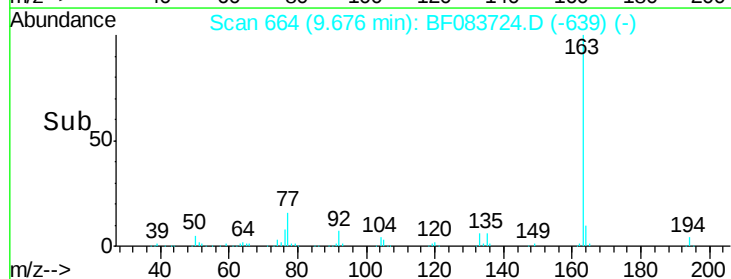
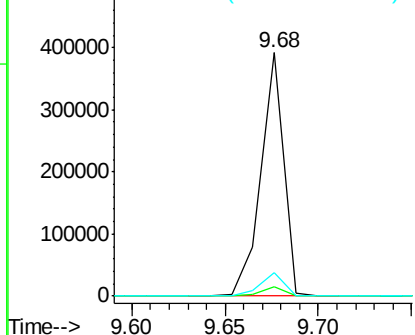


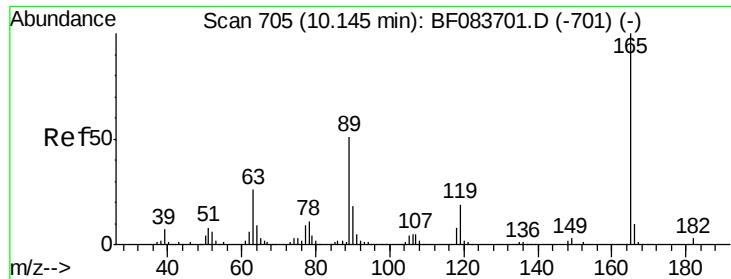
#49
Dimethylphthalate
Concen: 17.45 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

Tgt Ion:163 Resp: 327848
Ion Ratio Lower Upper
163 100
194 3.6 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

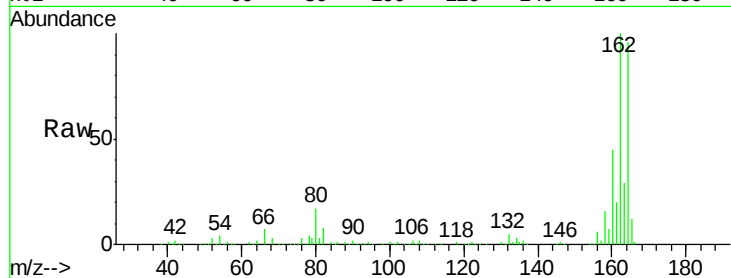




#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.18 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

Instrument :
BNA_F
ClientSampleId :
SB-04(20-24)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.4	77.2#
89	1.5	72.6	108.8#
182	0.0	1.4	2.0#

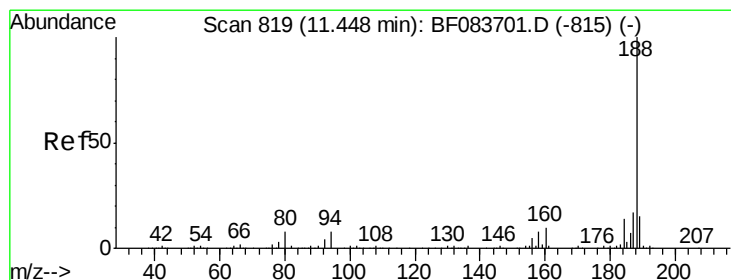
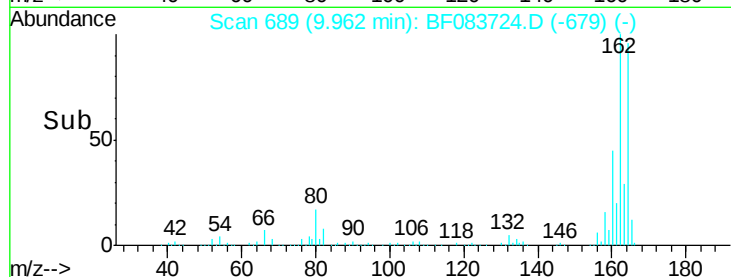
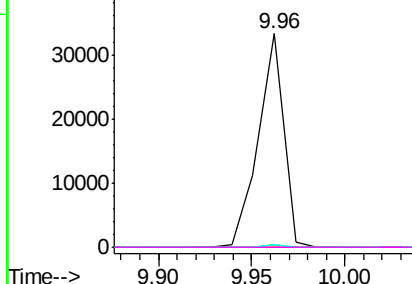


Abundance Ion 165.00 (164.70 to 165.70): E

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



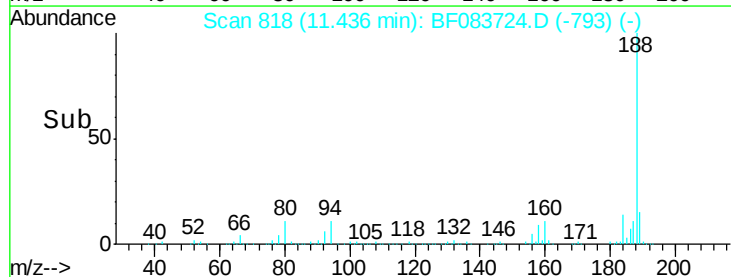
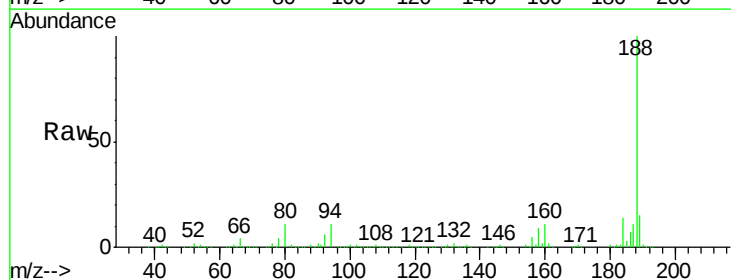
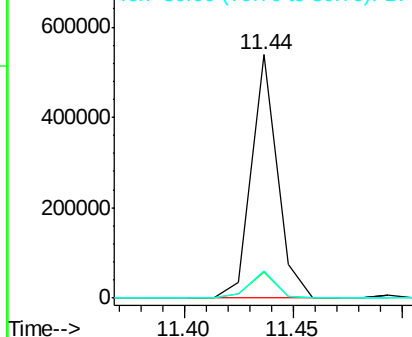
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

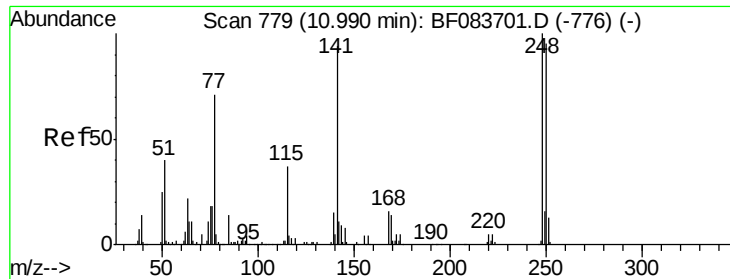
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.4	10.6	16.0

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

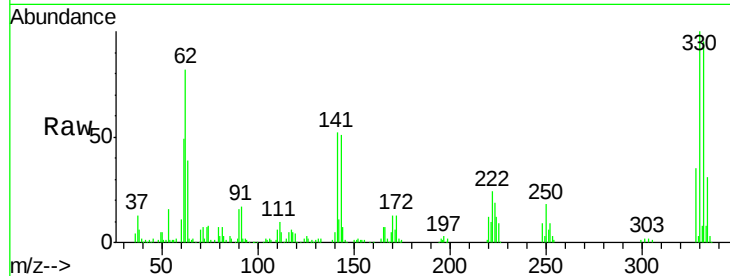




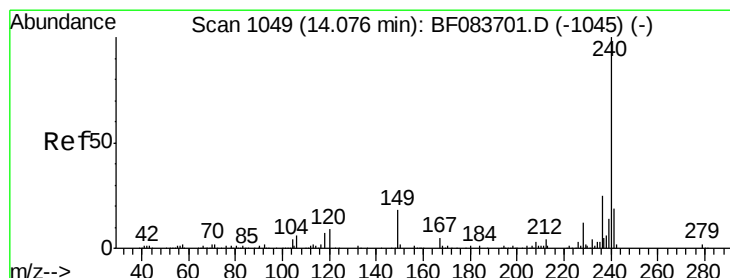
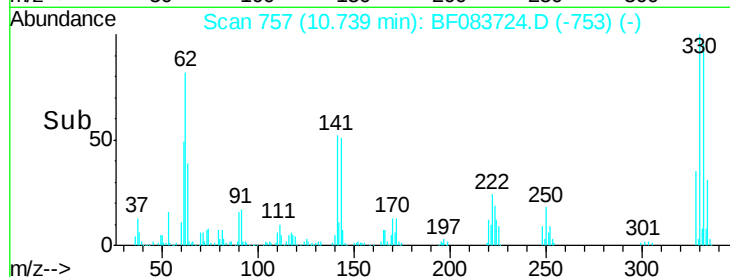
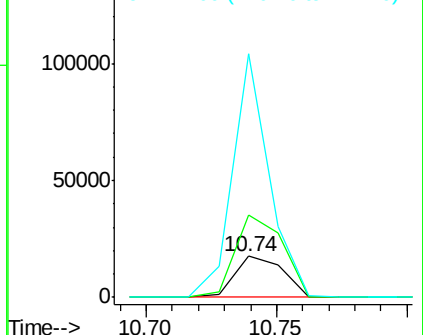
#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

Instrument :
BNA_F
ClientSampleId :
SB-04(20-24)

Tgt Ion:248 Resp: 22481
Ion Ratio Lower Upper
248 100
250 200.8 79.2 118.8#
141 589.9 58.2 87.4#

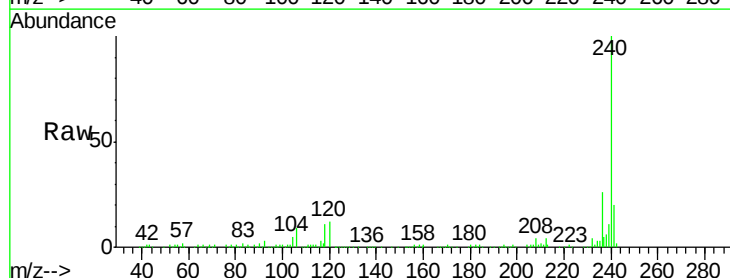


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

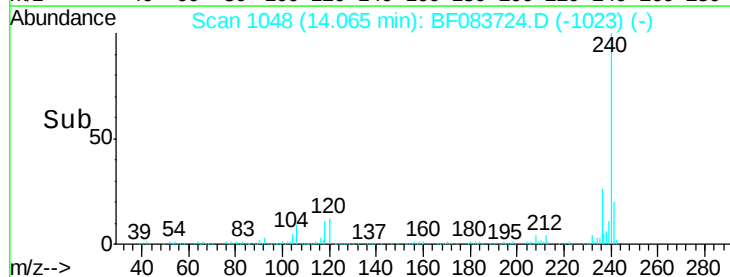
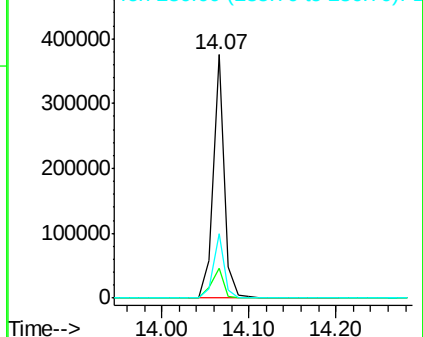


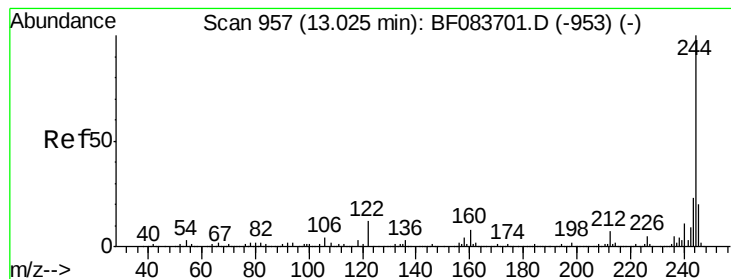
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083724.D
Acq: 12 Dec 2015 4:53

Tgt Ion:240 Resp: 336781
Ion Ratio Lower Upper
240 100
120 12.3 8.1 12.1#
236 26.5 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: 89.17 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083724.D

Acq: 12 Dec 2015 4:53

Instrument :

BNA_F

ClientSampleId :

SB-04(20-24)

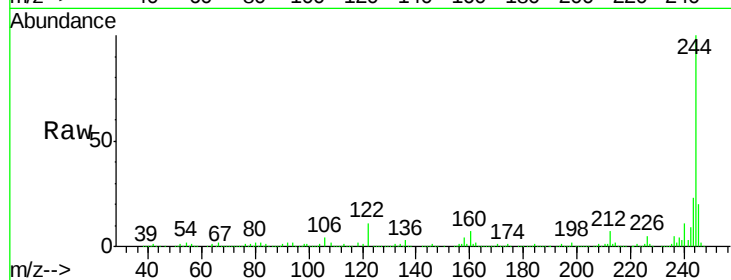
Tgt Ion:244 Resp: 1337247

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

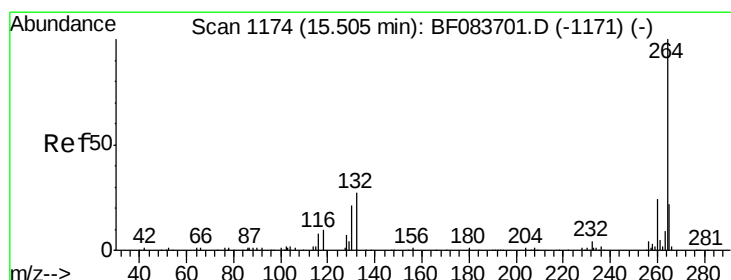
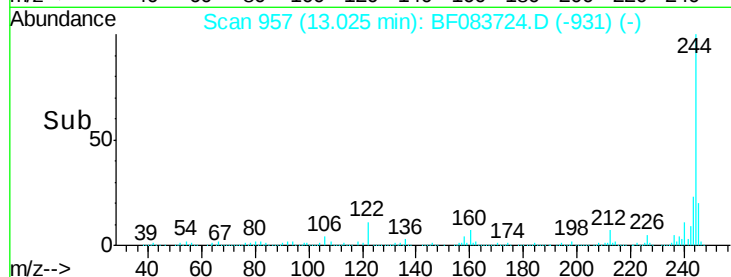
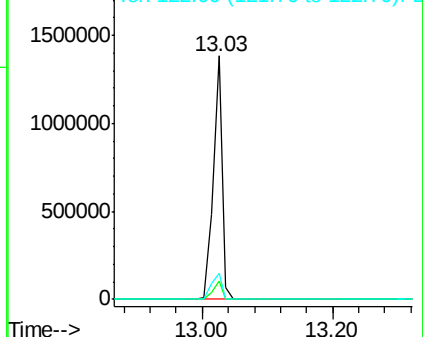
122 10.8 11.0 16.6#



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: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF083724.D

Acq: 12 Dec 2015 4:53

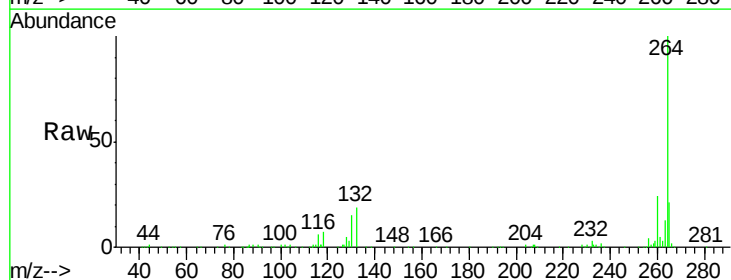
Tgt Ion:264 Resp: 236410

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.3 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

