

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084028.D
 Acq On : 23 Dec 2015 9:50
 Operator : UM/SJ
 Sample : G4919-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 10:26:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

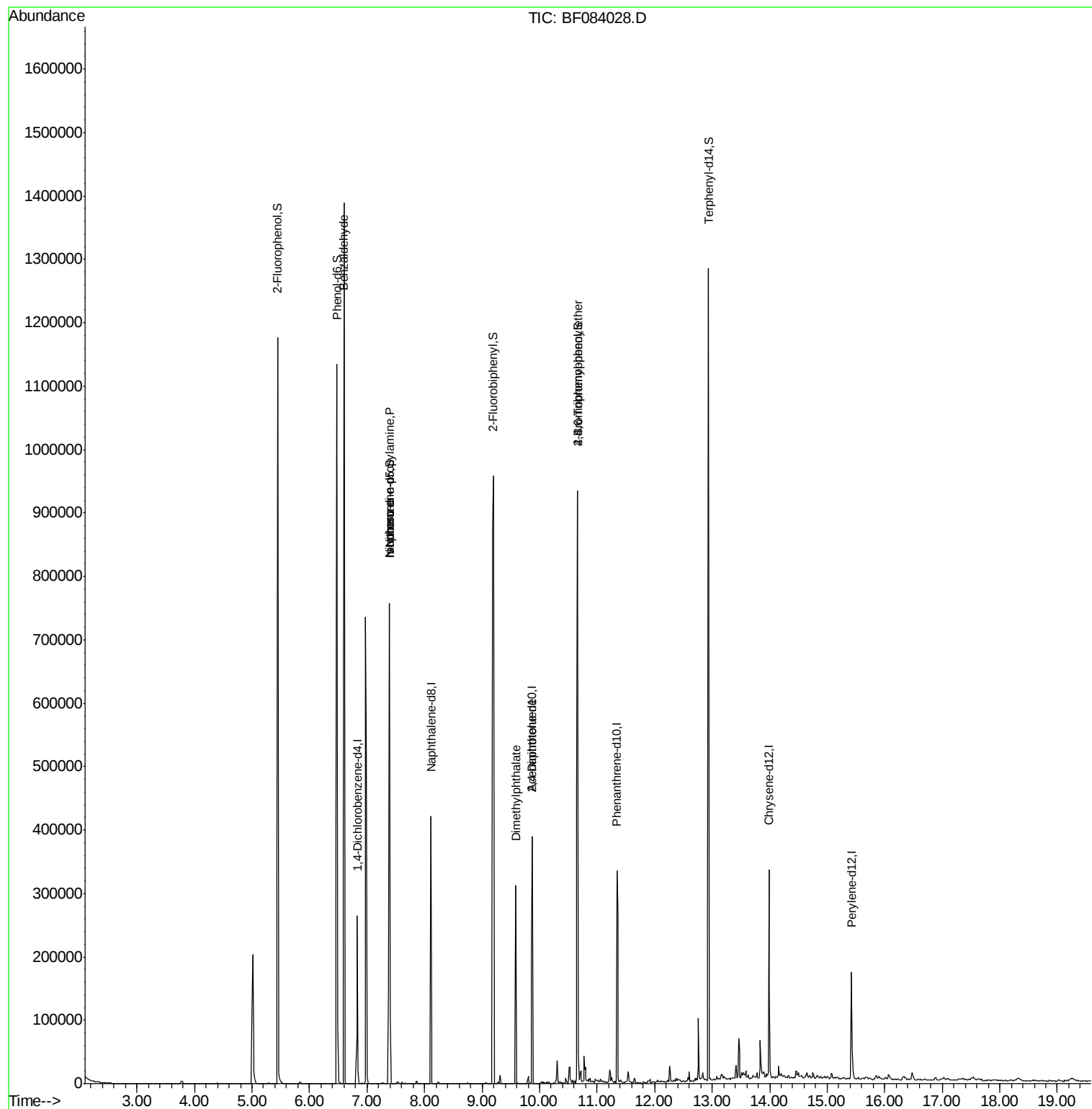
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43749	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	185175	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	89877	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	167122	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	123366	20.00	ng	-0.01
86) Perylene-d12	15.43	264	97116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	339538	132.33	ng	0.01
7) Phenol-d6	6.48	99	405310	134.35	ng	0.00
23) Nitrobenzene-d5	7.39	82	240357	79.74	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	127003	146.91	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	461325	69.08	ng	0.00
78) Terphenyl-d14	12.93	244	357067	69.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	8880	4.41	ng	87
19) n-Nitroso-di-n-propylamine	7.39	70	33426	18.28	ng	# 77
25) Isophorone	7.39	82	207020	36.25	ng	# 66
49) Dimethylphthalate	9.58	163	117509	16.71	ng	# 90
56) 2,4-Dinitrotoluene	9.87	165	11403	6.11	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	9320	4.86	ng	# 1

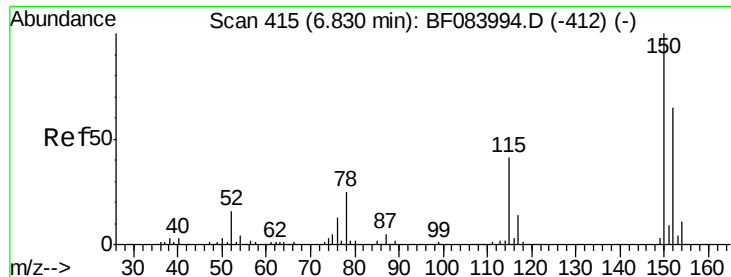
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084028.D

Acq: 23 Dec 2015 9:50

Instrument :

BNA_F

ClientSampled :

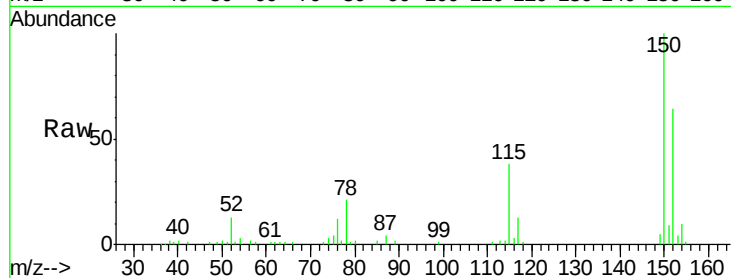
Tot Ion:152 Resp: 43749

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

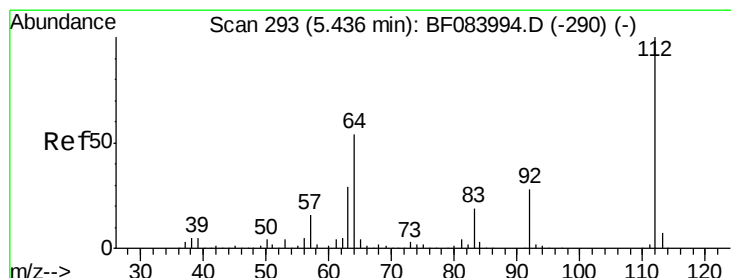
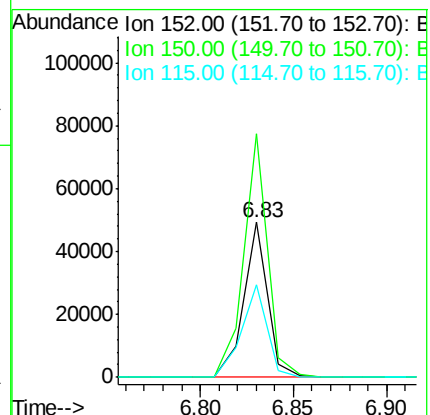
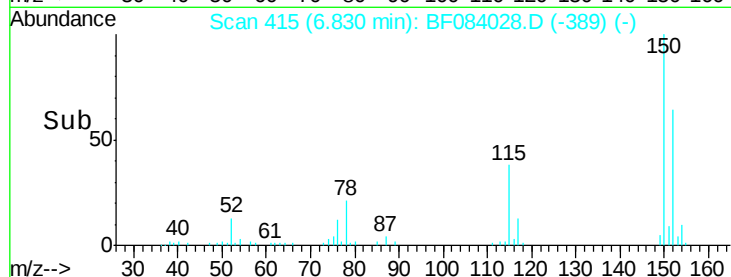
115 59.5 51.4 77.2



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: 132.33 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084028.D

Acq: 23 Dec 2015 9:50

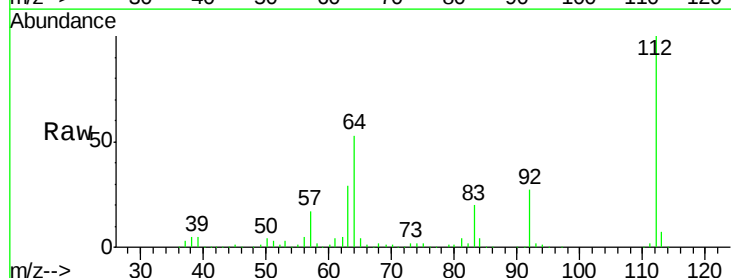
Tgt Ion:112 Resp: 339538

Ion Ratio Lower Upper

112 100

64 52.6 36.6 55.0

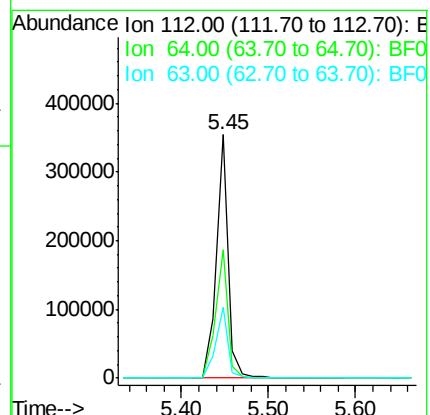
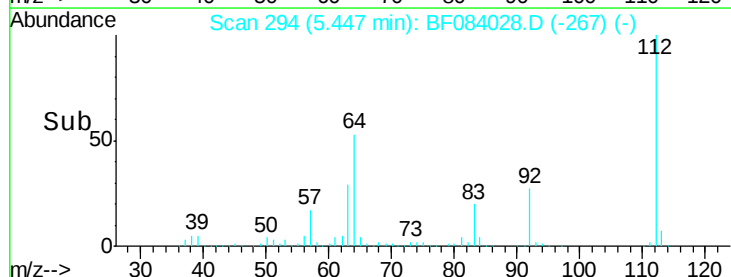
63 29.1 19.4 29.0#

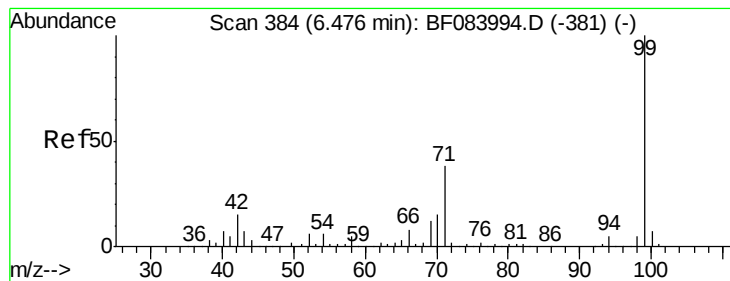


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.35 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084028.D

Acq: 23 Dec 2015 9:50

Instrument :

BNA_F

ClientSampled :

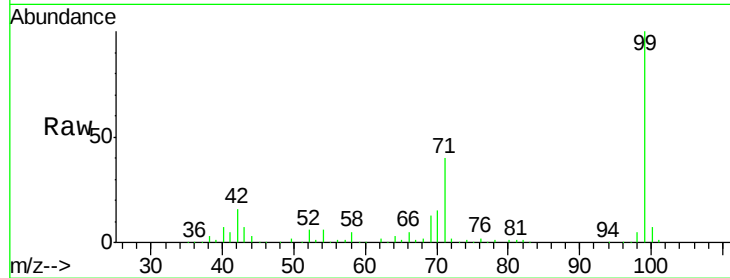
Tot Ion: 99 Resp: 405310

Ion Ratio Lower Upper

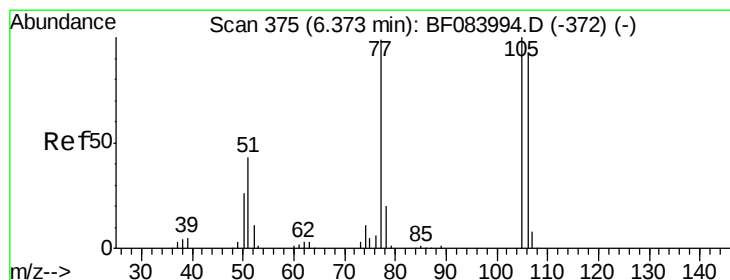
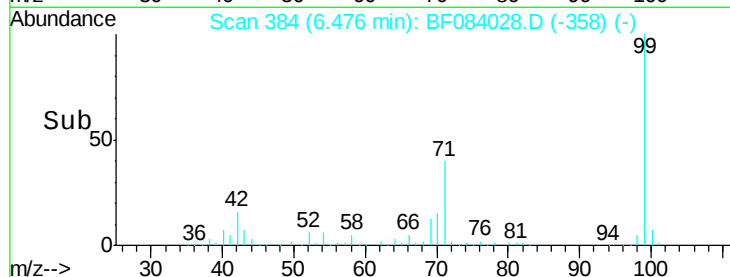
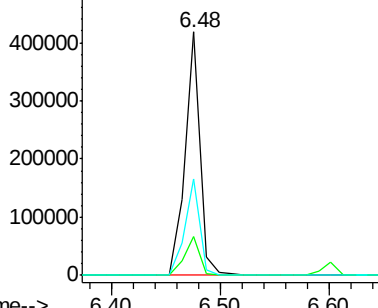
99 100

42 15.9 12.8 19.2

71 39.6 30.9 46.3



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: 4.41 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084028.D

Acq: 23 Dec 2015 9:50

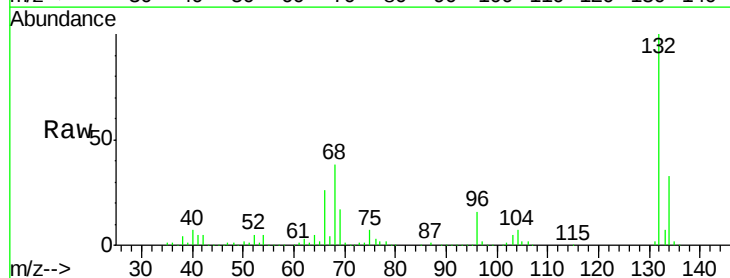
Tgt Ion: 77 Resp: 8880

Ion Ratio Lower Upper

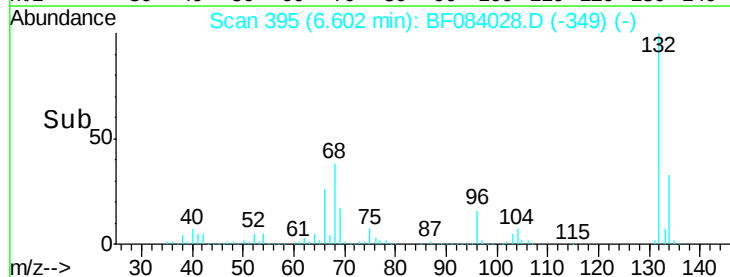
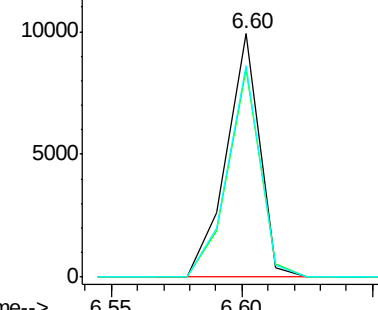
77 100

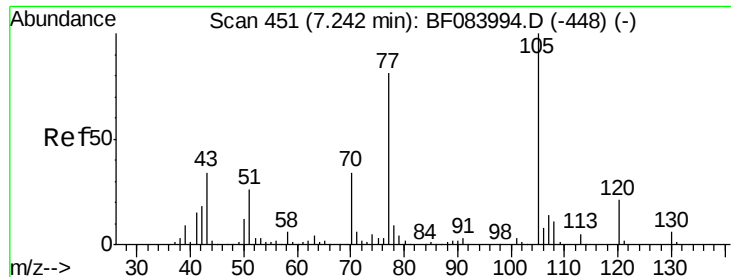
105 85.3 83.0 123.0

106 86.8 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

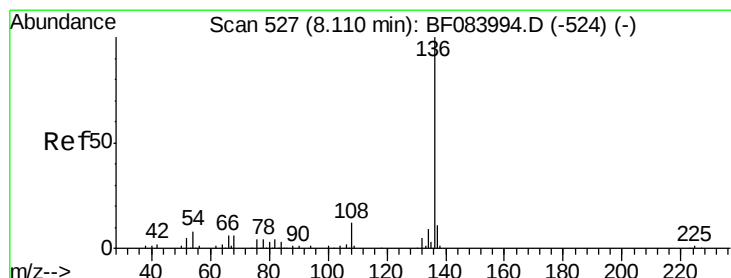
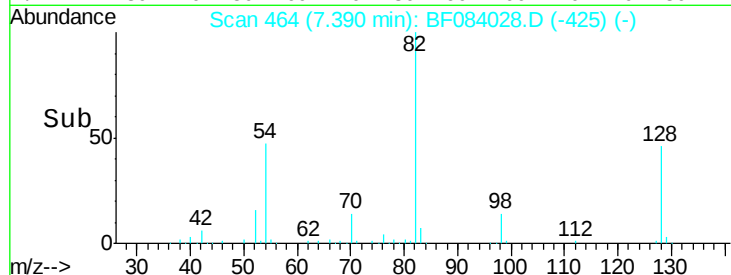
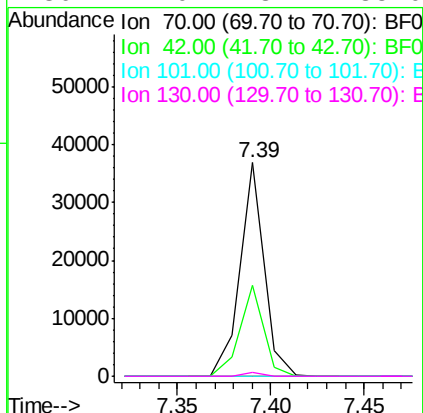
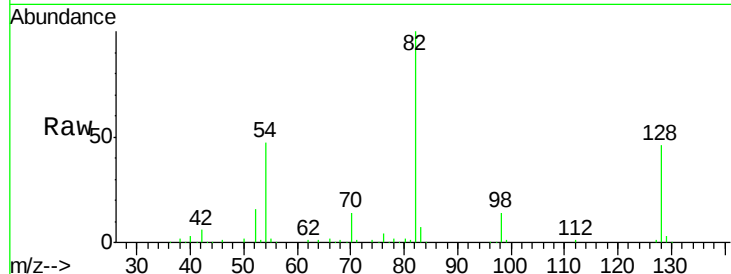




#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084028.D
Acq: 23 Dec 2015 9:50

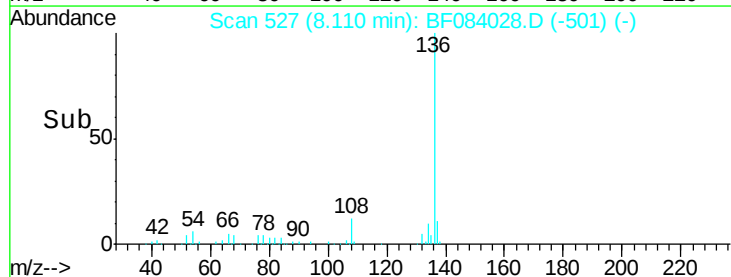
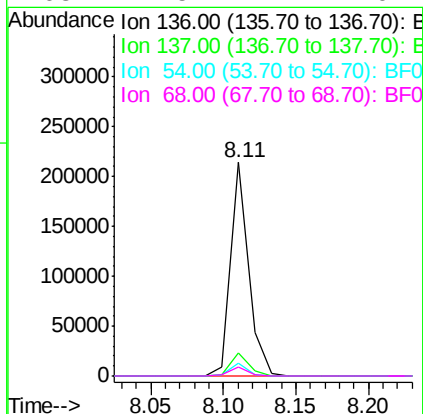
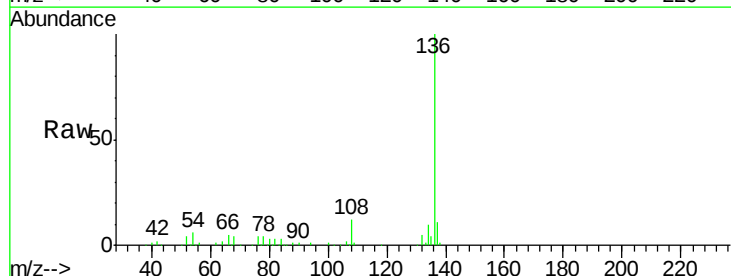
Instrument :
BNA_F
ClientSampled :

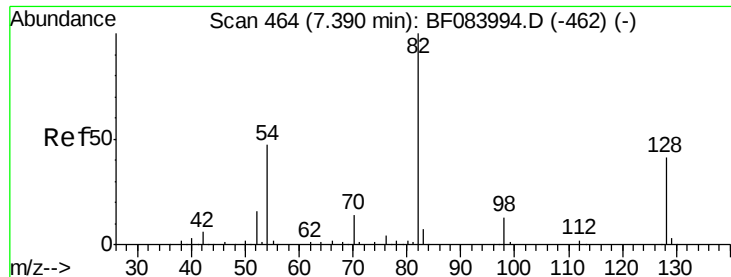
Tot Ion: 70 Resp: 33426
Ion Ratio Lower Upper
70 100
42 42.3 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084028.D
Acq: 23 Dec 2015 9:50

Tgt Ion: 136 Resp: 185175
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.0 5.8 8.8
68 4.5 4.2 6.2

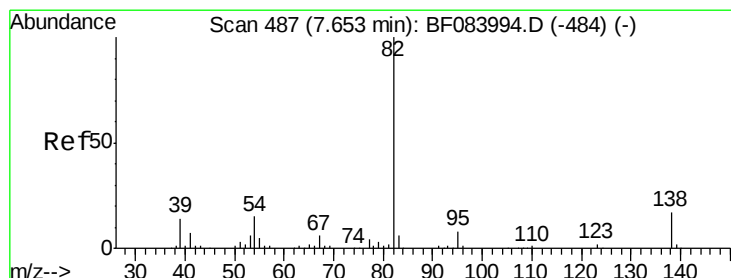
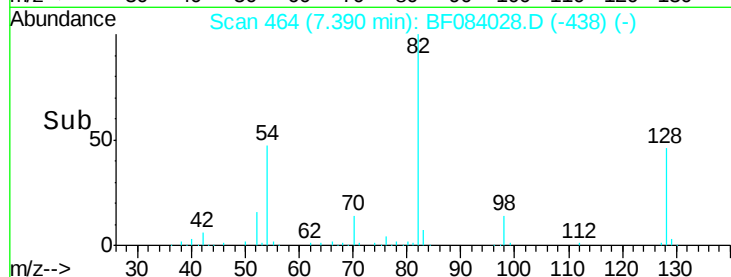
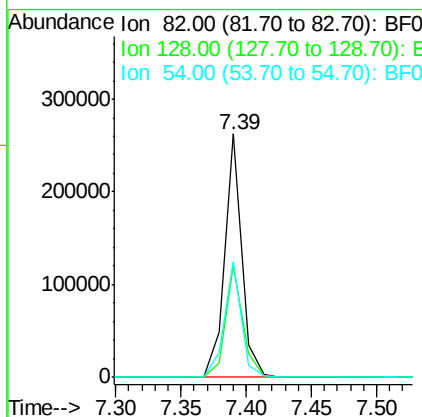
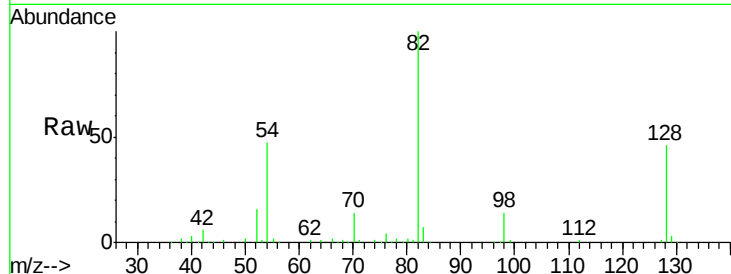




#23
 Nitrobenzene-d5
 Concen: 79.74 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

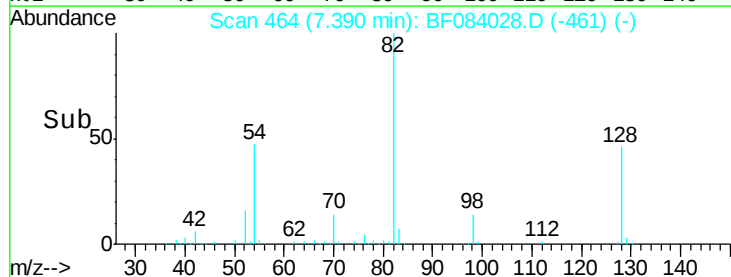
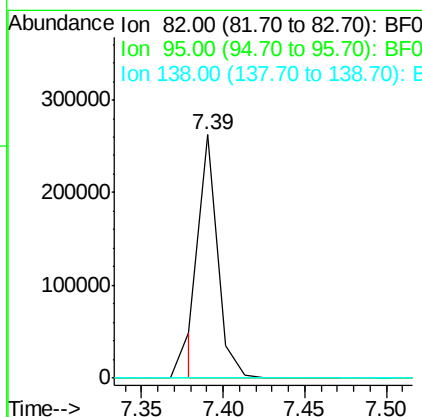
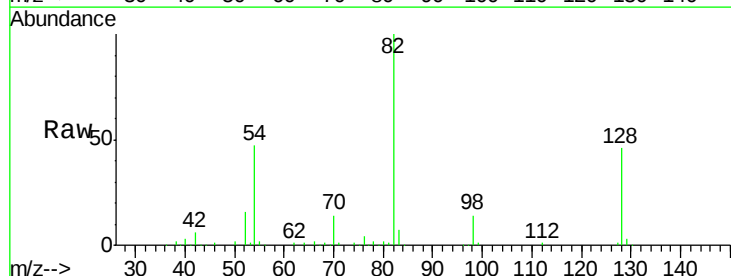
Instrument :
 BNA_F
 ClientSampleId :

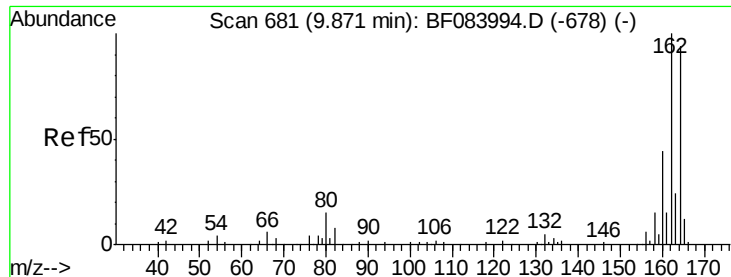
Tot Ion	82	Resp	240357
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.6	51.8
54	47.3	38.4	57.6



#25
 Isophorone
 Concen: 36.25 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

Tgt Ion	82	Resp	207020
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

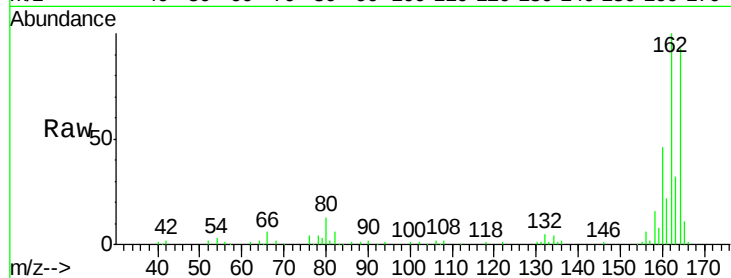




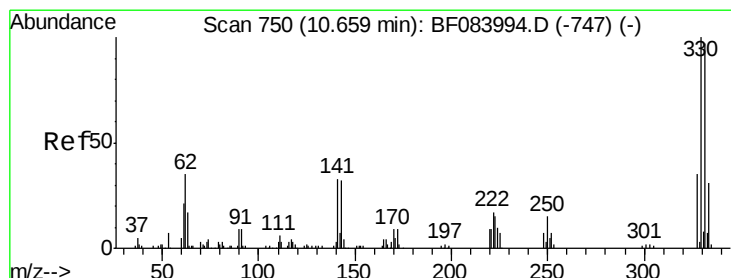
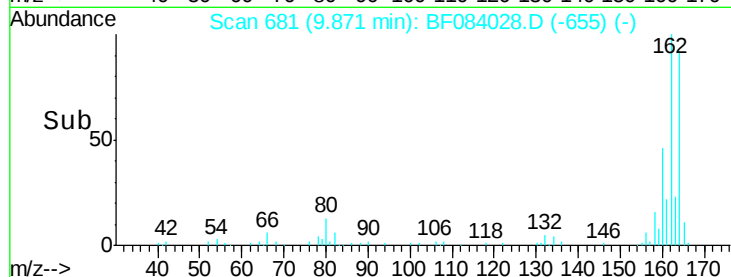
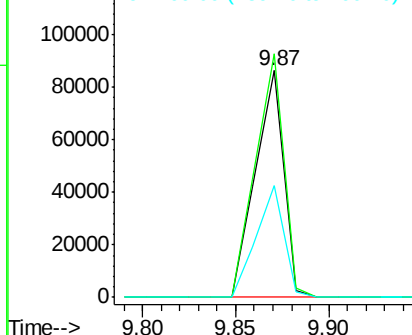
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 89877
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.1 127.7
 160 49.3 37.5 56.3

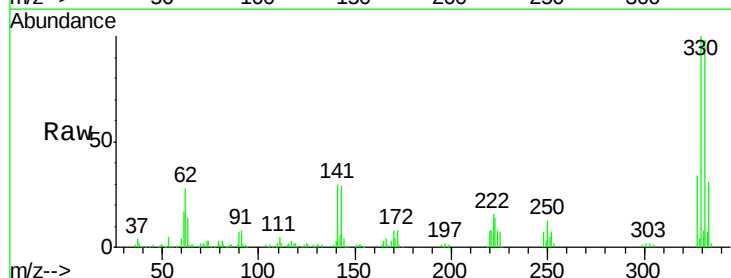


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

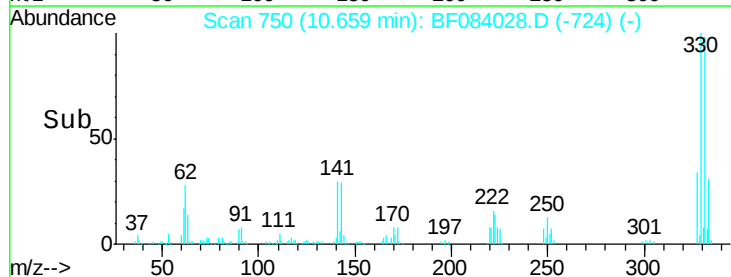
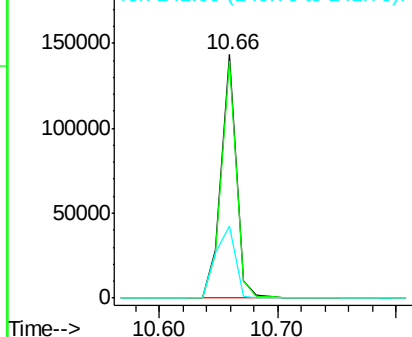


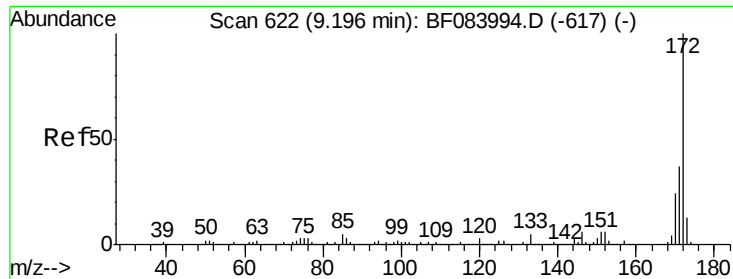
#41
 2,4,6-Tribromophenol
 Concen: 146.91 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

Tgt Ion:330 Resp: 127003
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 38.9 27.8 41.6



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

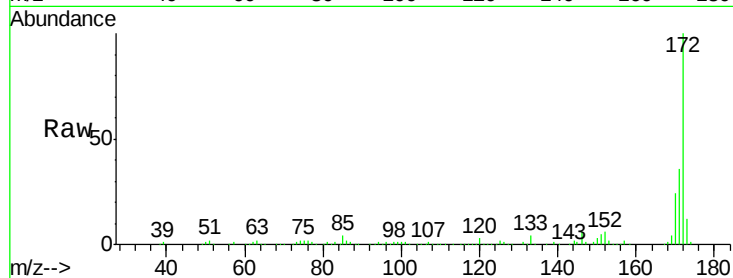




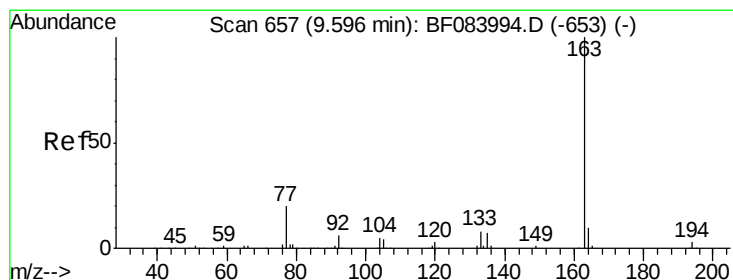
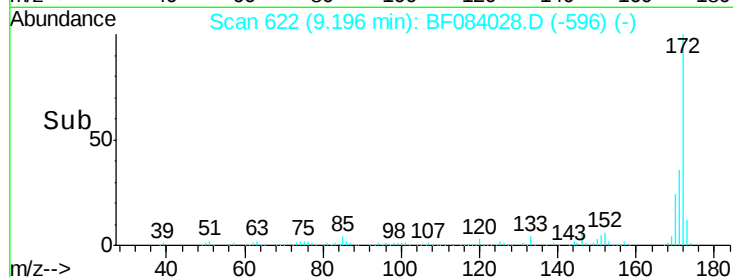
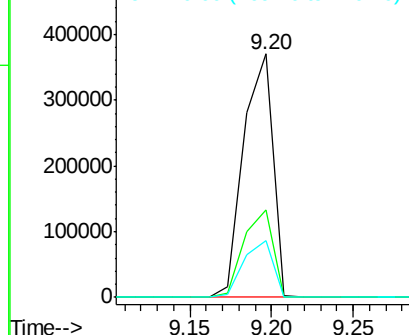
#44
2-Fluorobiphenyl
Concen: 69.08 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084028.D
Acq: 23 Dec 2015 9:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 461325
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.5 18.6 27.8

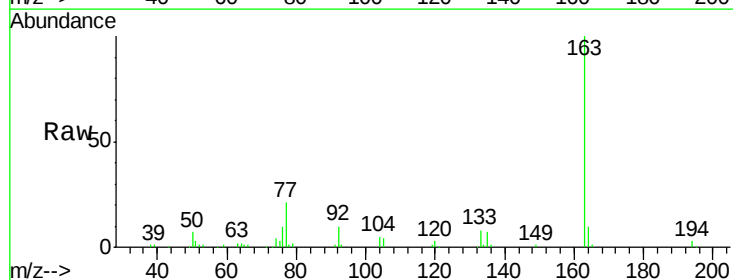


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

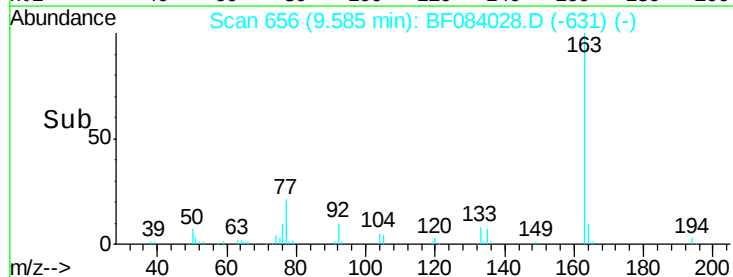
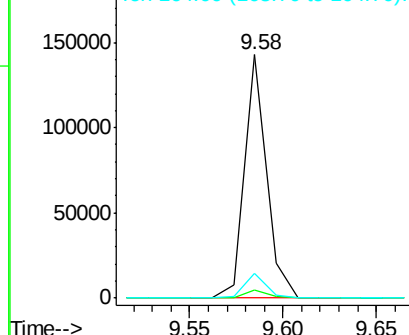


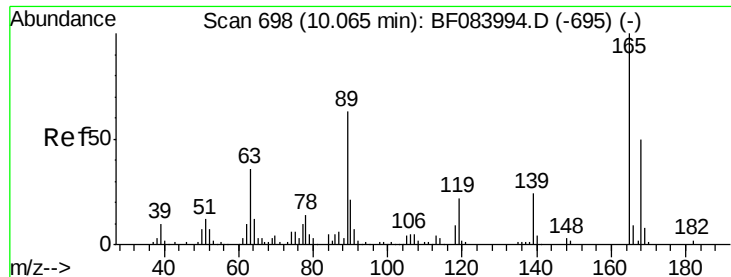
#49
Dimethylphthalate
Concen: 16.71 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084028.D
Acq: 23 Dec 2015 9:50

Tgt Ion:163 Resp: 117509
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.2 8.0 12.0



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

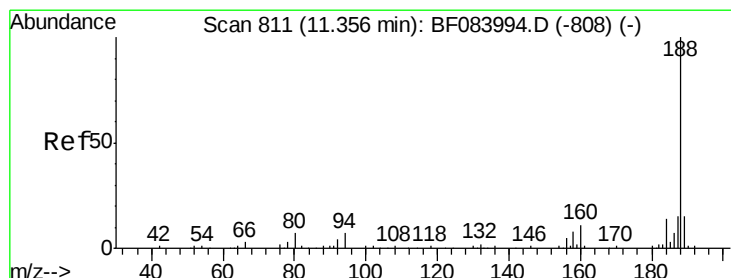
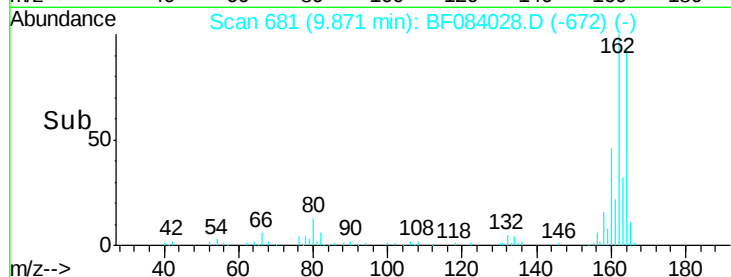
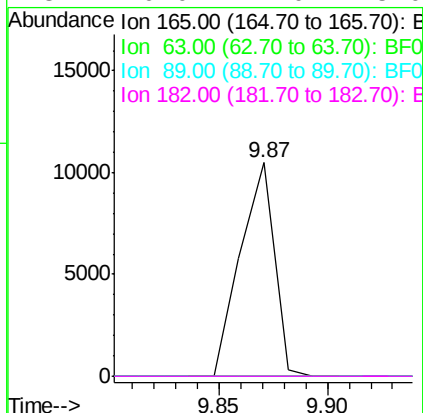
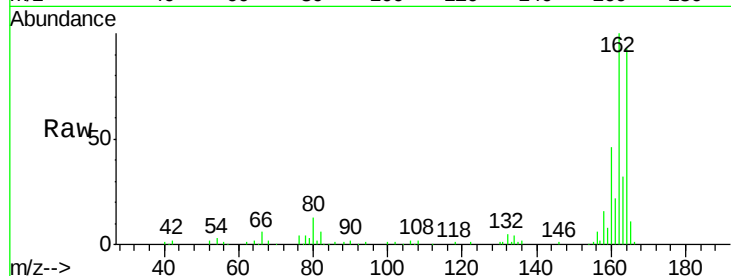




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

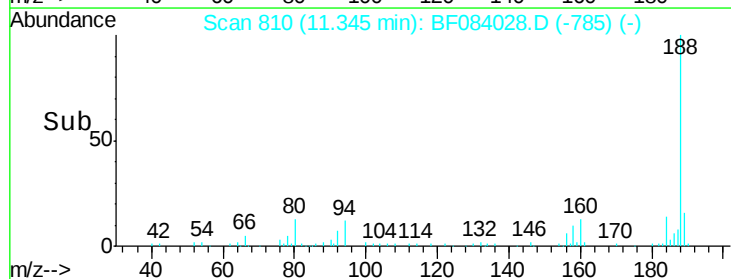
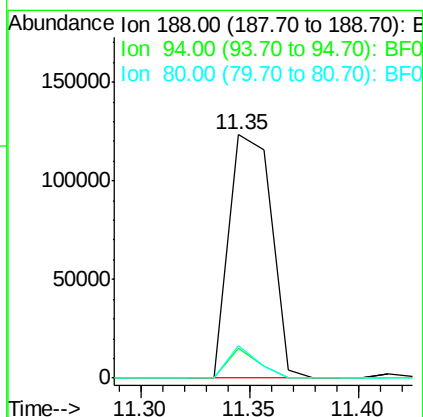
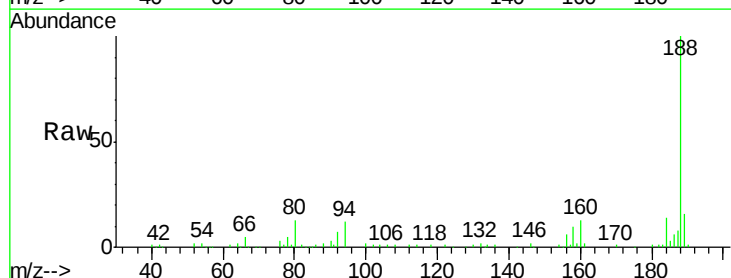
Instrument :
 BNA_F
 ClientSampleId :

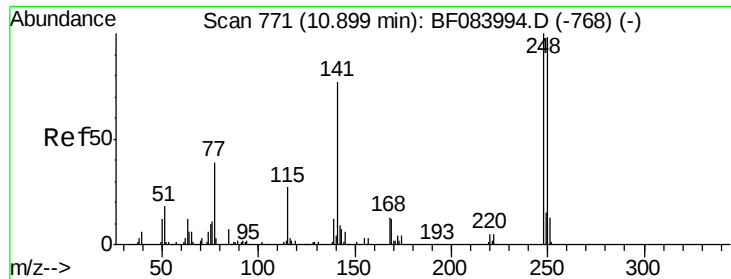
Tot Ion:165 Resp: 11403
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 61.9 92.9#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

Tgt Ion:188 Resp: 167122
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.0 13.4
 80 13.4 9.6 14.4

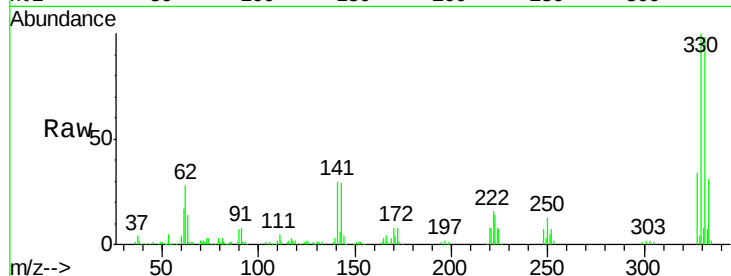




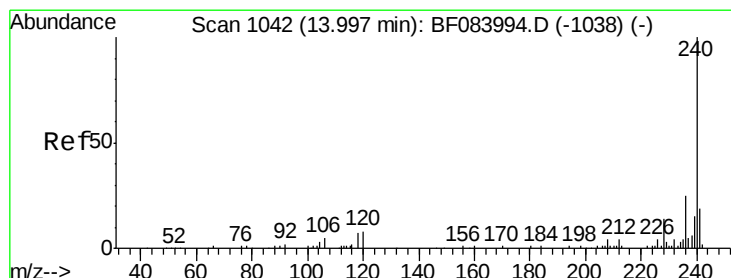
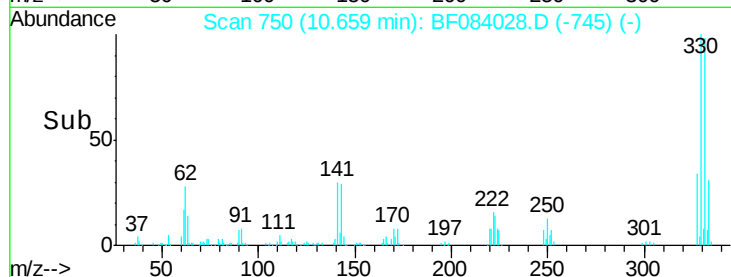
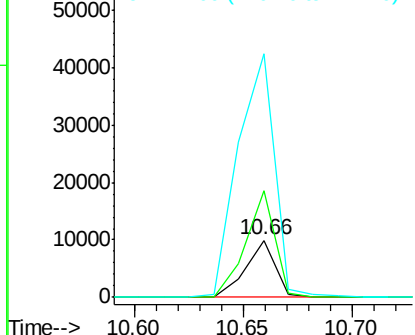
#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084028.D
Acq: 23 Dec 2015 9:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9320
Ion Ratio Lower Upper
248 100
250 188.3 78.4 117.6#
141 428.4 44.0 66.0#

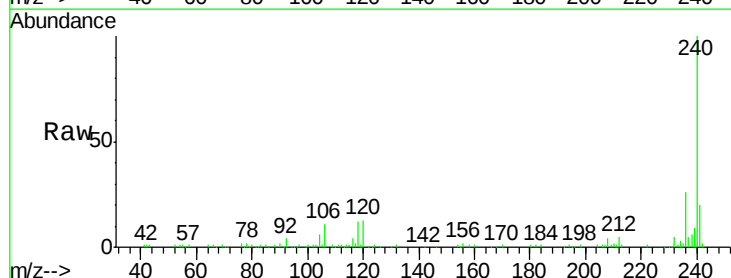


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

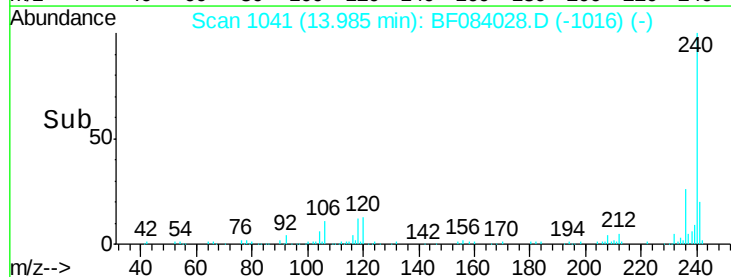
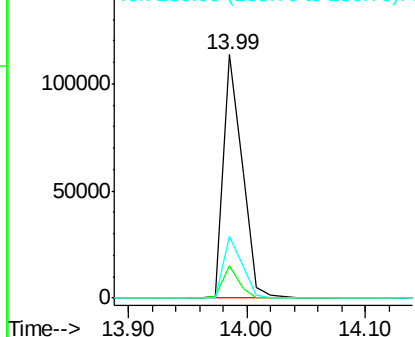


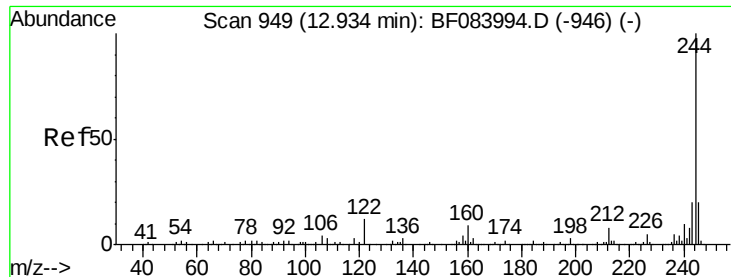
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084028.D
Acq: 23 Dec 2015 9:50

Tgt Ion:240 Resp: 123366
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.5 20.6 31.0



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

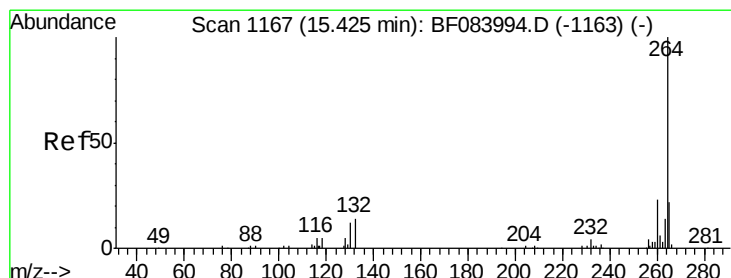
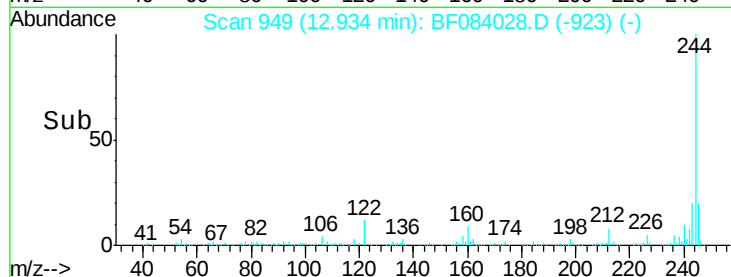
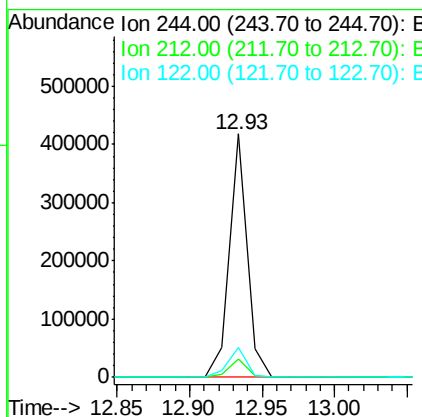
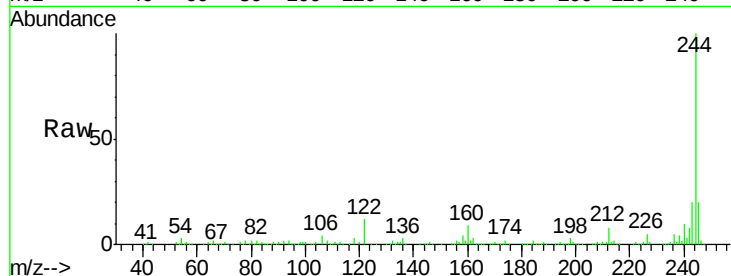




#78
 Terphenyl-d14
 Concen: 69.02 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 357067
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF084028.D
 Acq: 23 Dec 2015 9:50

Tgt Ion:264 Resp: 97116
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 20.6 17.8 26.6

