

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082191.D
 Acq On : 10 Oct 2015 22:41
 Operator : UM/IZ
 Sample : G3979-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:01:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

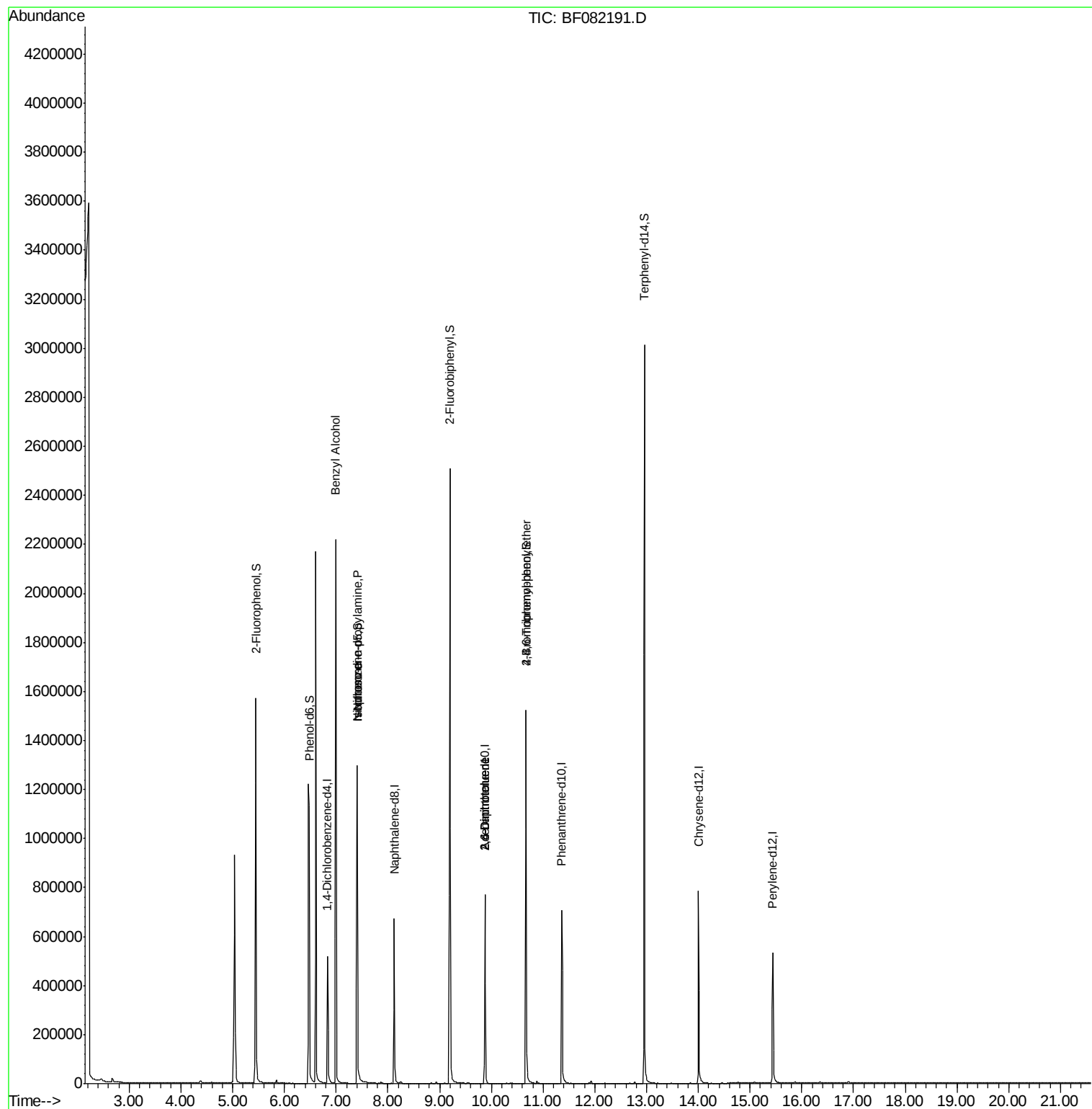
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	98528	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	397320	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	198265	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	390512	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	371448	20.00	ng	-0.01
86) Perylene-d12	15.44	264	294645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	618240	126.64	ng	0.02
7) Phenol-d6	6.48	99	722354	113.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	544922	92.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	273232	146.95	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1110379	92.88	ng	-0.01
78) Terphenyl-d14	12.96	244	1242455	88.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	9600	2.19	ng	# 52
19) n-Nitroso-di-n-propylamine	7.41	70	69392	15.55	ng	# 81
25) Isophorone	7.41	82	443658	37.15	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	24065	8.17	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	24067	6.54	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	17799	4.55	ng	# 1

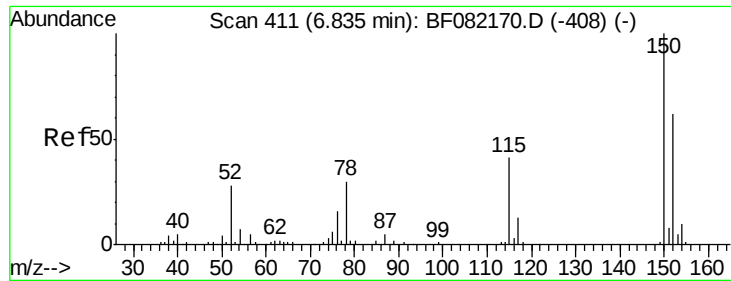
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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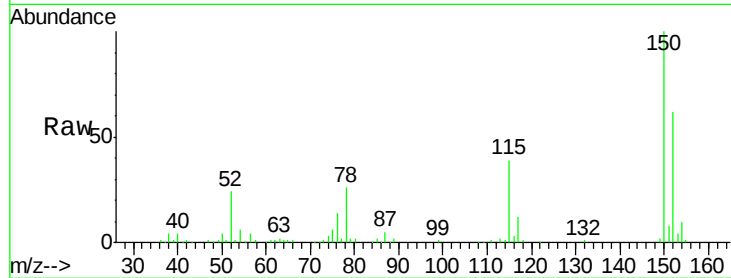


#1

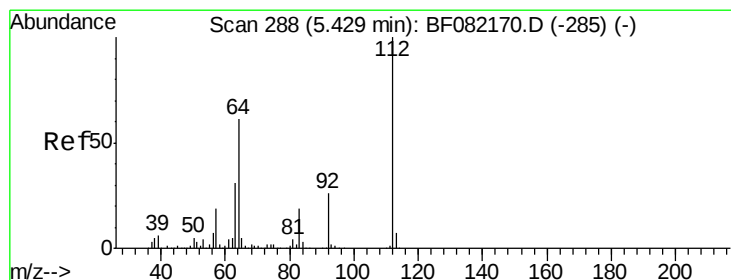
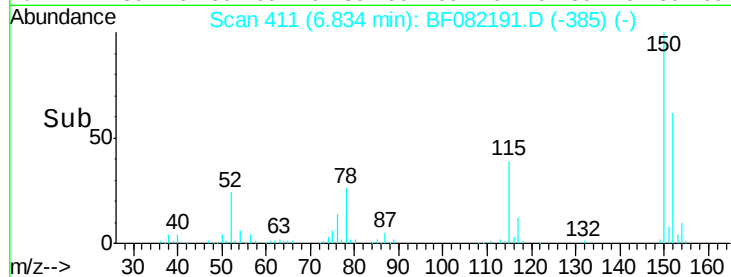
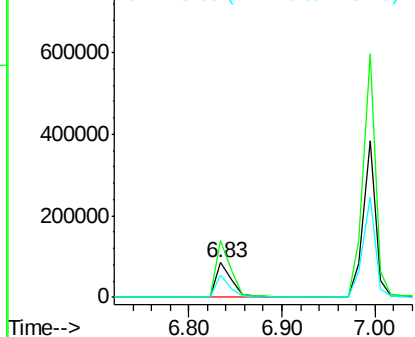
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98528
Ion Ratio Lower Upper
152 100
150 161.2 129.0 193.4
115 63.3 52.1 78.1



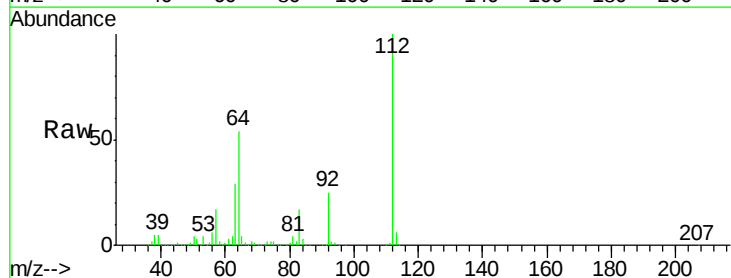
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



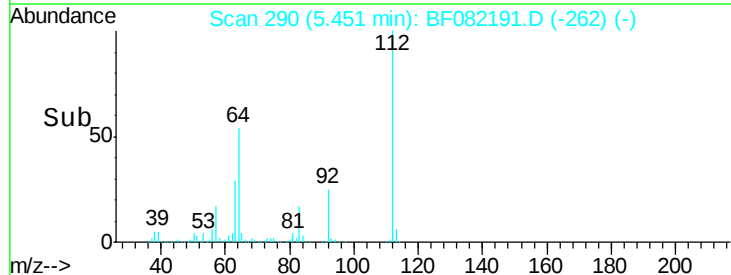
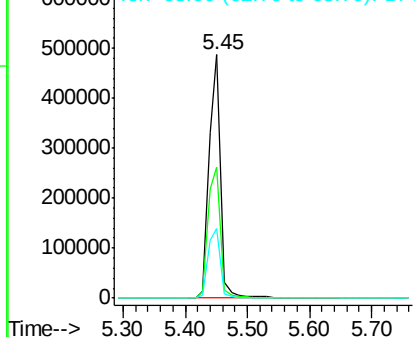
#5

2-Fluorophenol
Concen: 126.64 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

Tgt Ion:112 Resp: 618240
Ion Ratio Lower Upper
112 100
64 53.6 48.6 73.0
63 28.6 25.1 37.7



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: 113.70 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082191.D

Acq: 10 Oct 2015 22:41

Instrument :

BNA_F

ClientSampleId :

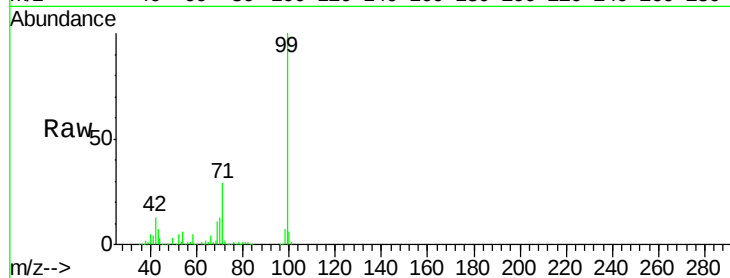
Tot Ion: 99 Resp: 722354

Ion Ratio Lower Upper

99 100

42 13.0 13.2 19.8#

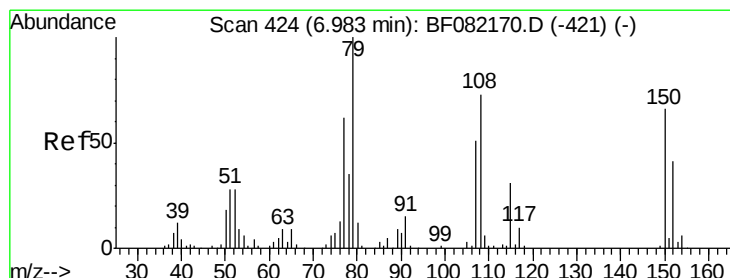
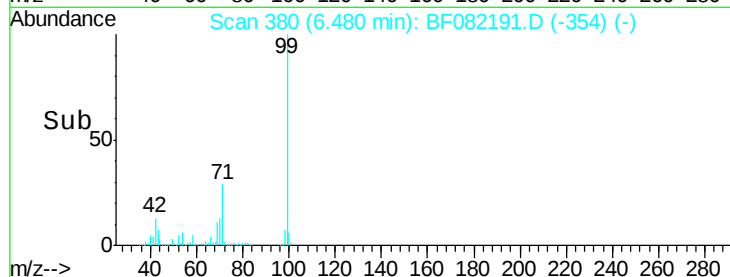
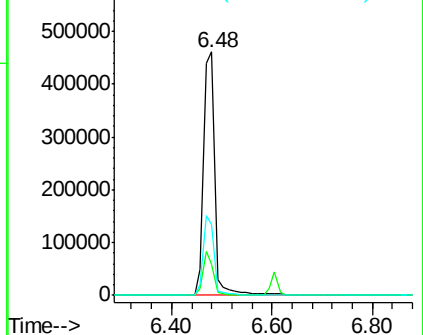
71 28.9 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082191.D

Acq: 10 Oct 2015 22:41

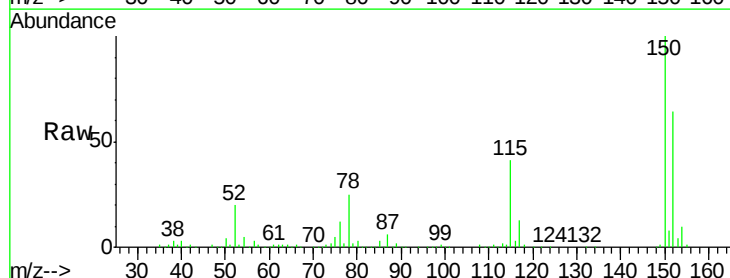
Tgt Ion: 79 Resp: 9600

Ion Ratio Lower Upper

79 100

108 34.4 58.4 87.6#

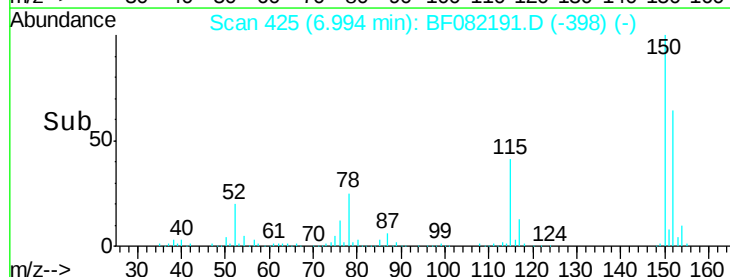
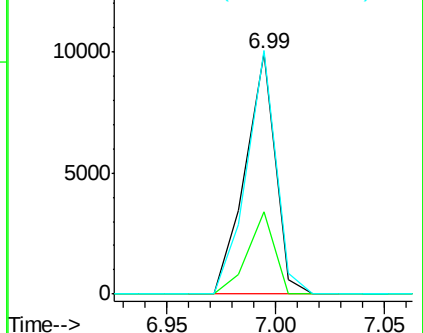
77 101.1 49.8 74.6#

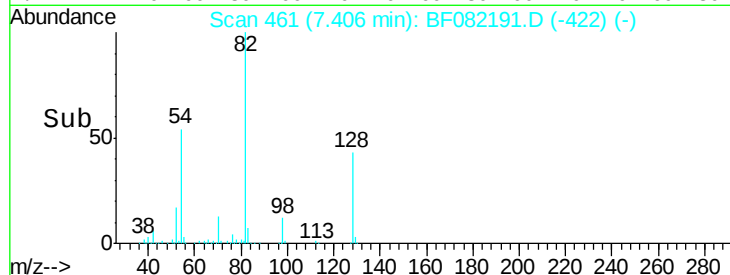
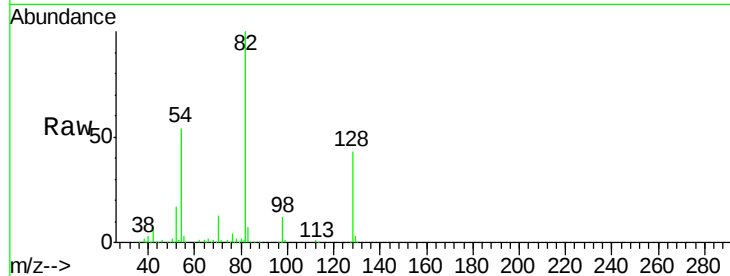


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

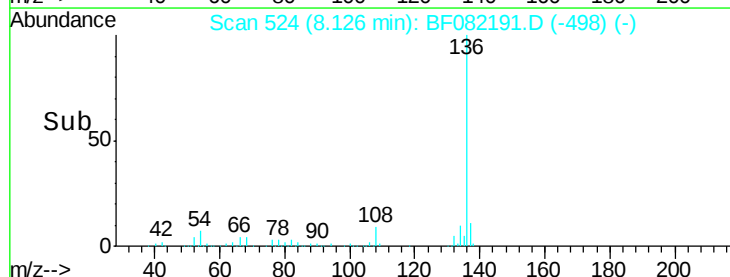
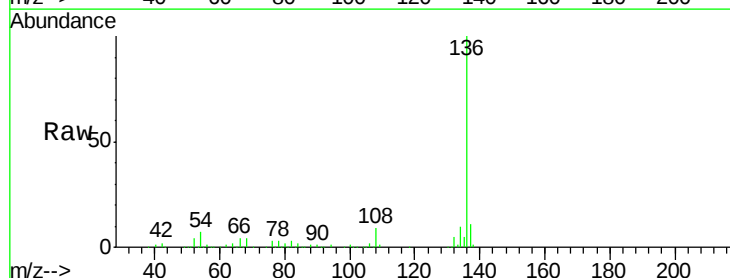
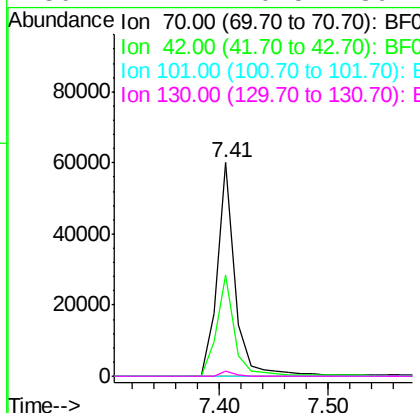




#19
n-Nitroso-di-n-propylamine
Concen: 15.55 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

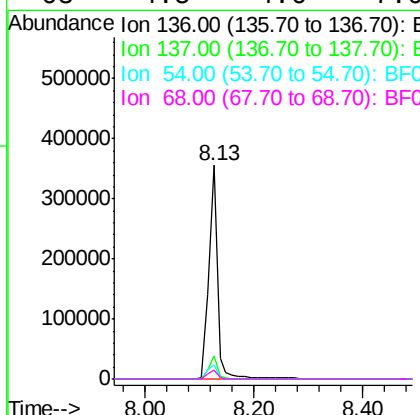
Instrument :
BNA_F
ClientSampleId :

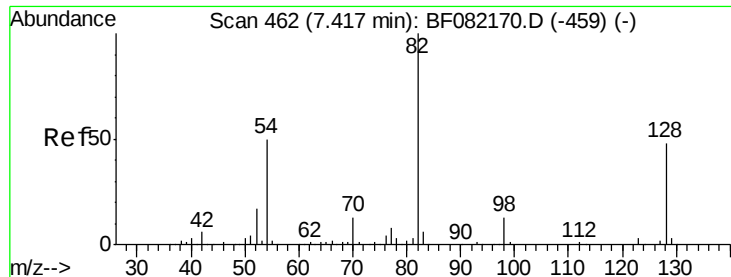
Tot Ion: 70 Resp: 69392
Ion Ratio Lower Upper
70 100
42 47.3 39.8 59.8
101 0.0 8.6 13.0#
130 2.1 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

Tgt Ion: 136 Resp: 397320
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 6.6 7.5 11.3#
68 4.5 4.6 7.0#

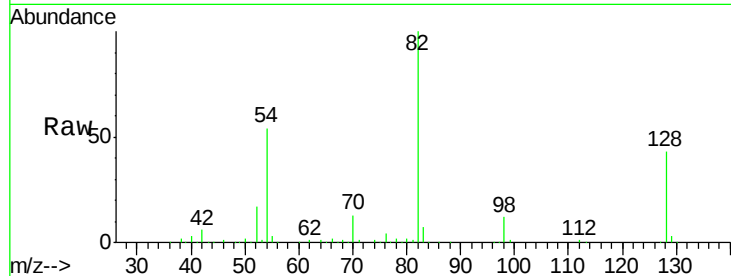




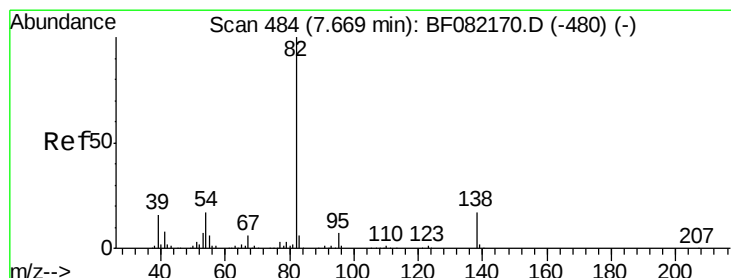
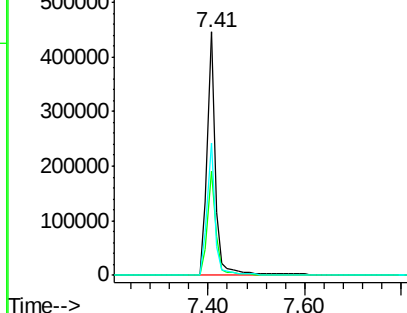
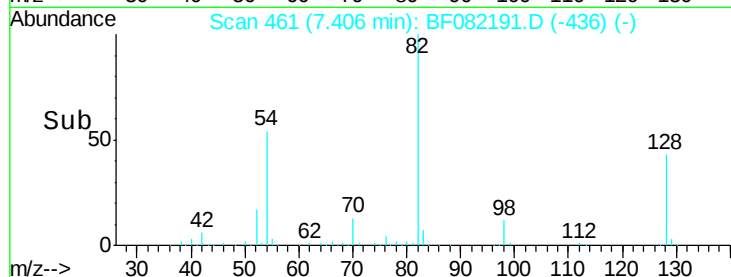
#23
Nitrobenzene-d5
Concen: 92.10 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	544922
Ion Ratio	Lower	Upper	
82	100		
128	42.9	38.7	58.1
54	54.3	40.1	60.1

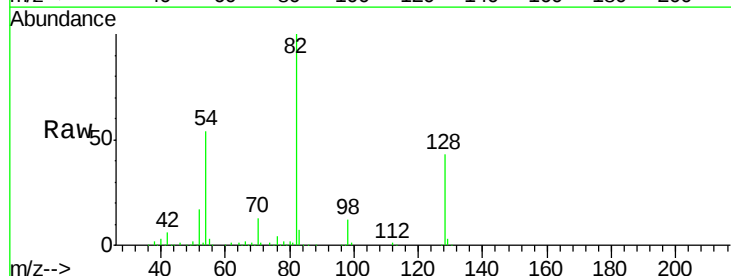


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

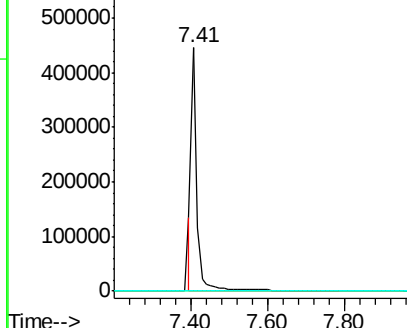
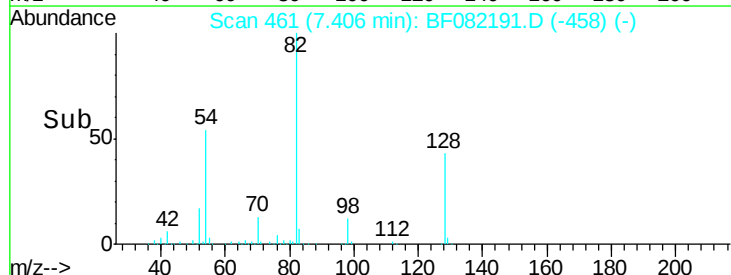


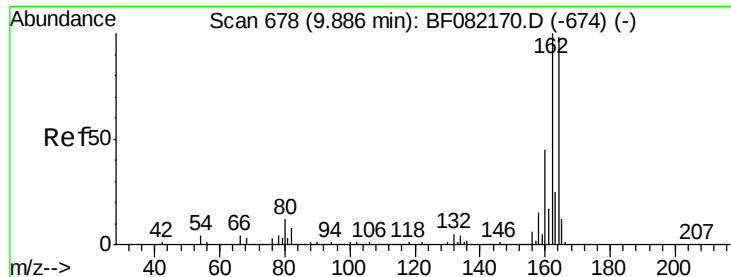
#25
Isophorone
Concen: 37.15 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

Tgt Ion	82	Resp	443658
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#



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

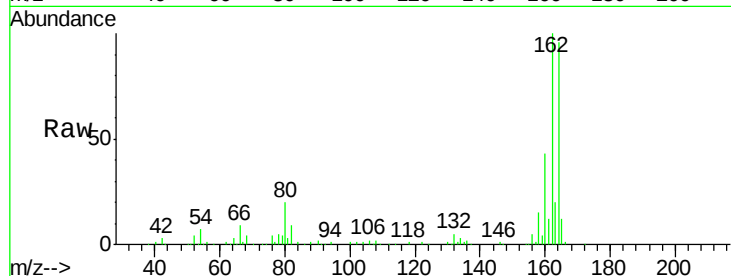




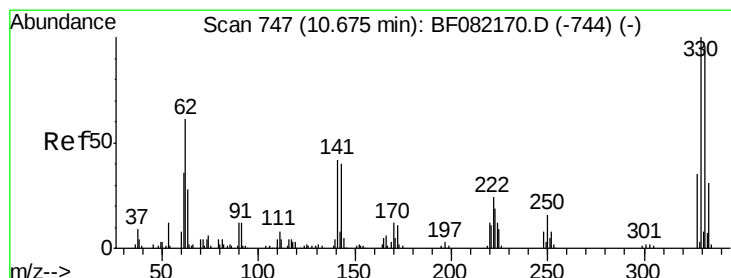
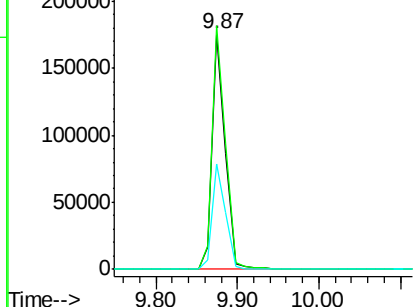
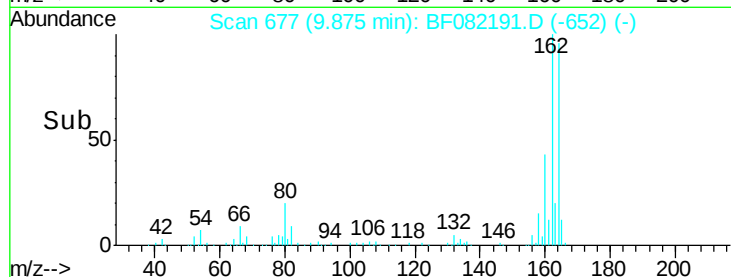
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.6	122.4
160	45.1	36.4	54.6

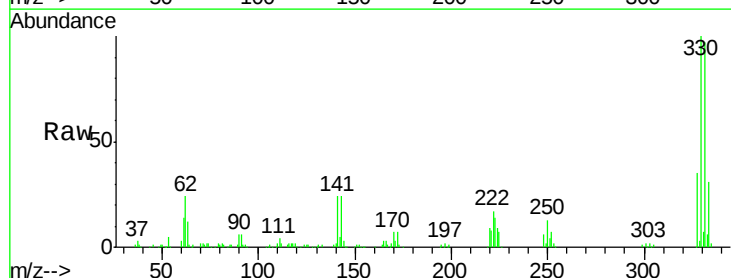


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

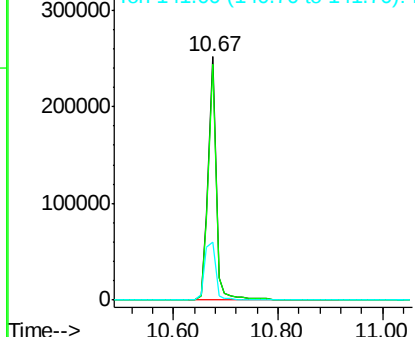
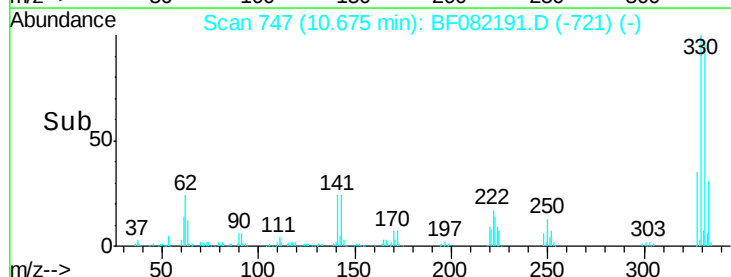


#41
 2,4,6-Tribromophenol
 Concen: 146.95 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	33.3	29.8	44.8



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

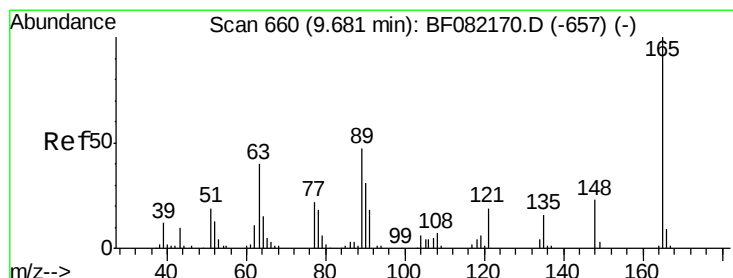
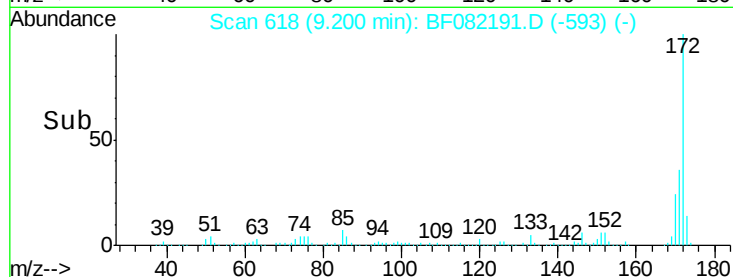
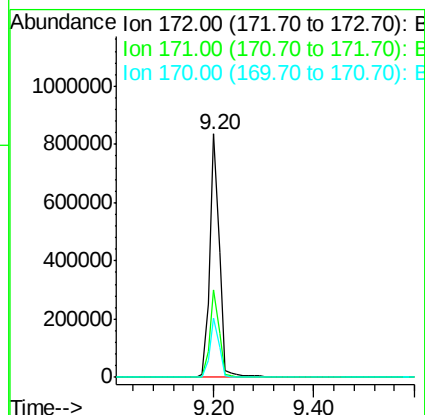
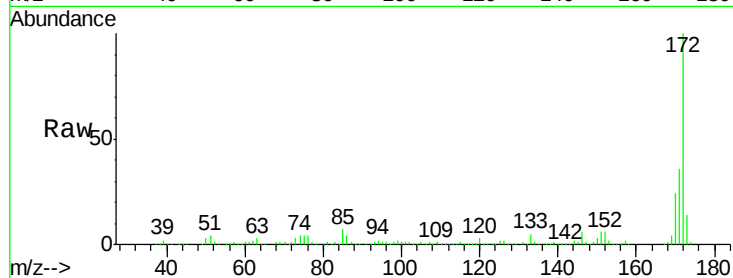




#44
 2-Fluorobiphenyl
 Concen: 92.88 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

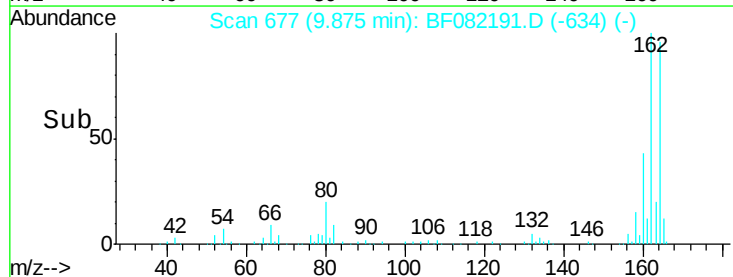
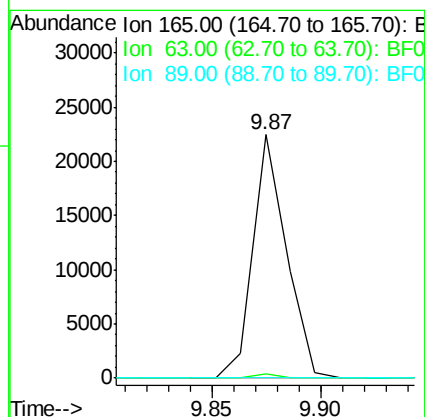
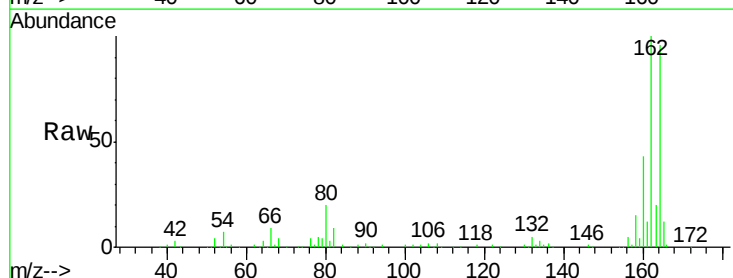
Instrument :
 BNA_F
 ClientSampleId :

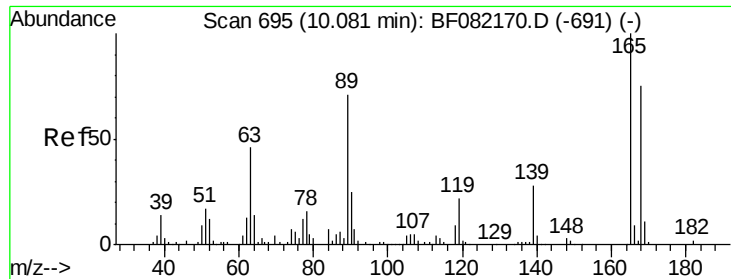
Tot Ion:172 Resp: 1110379
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 24.4 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.17 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

Tgt Ion:165 Resp: 24065
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.7 55.1#
 89 0.0 37.8 56.6#

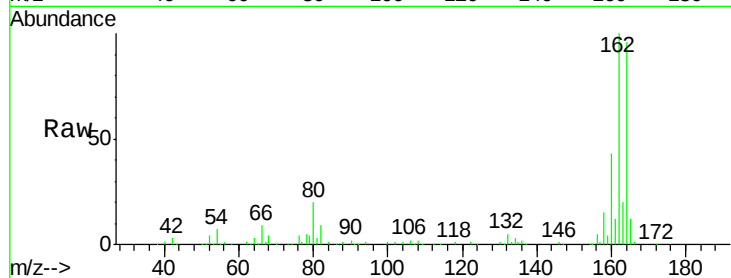




#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#

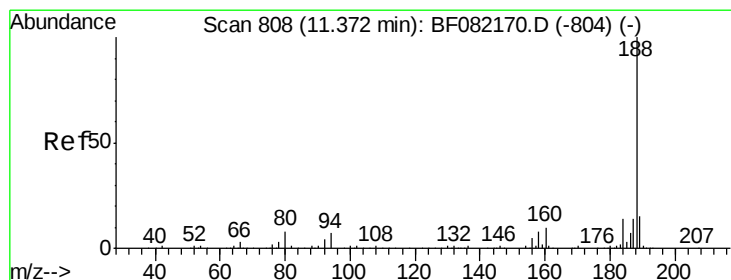
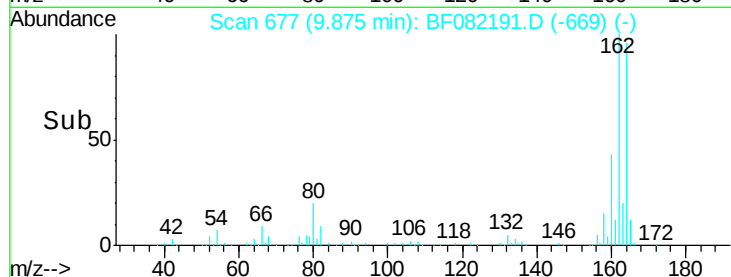
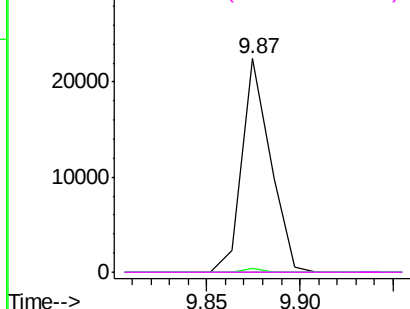


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

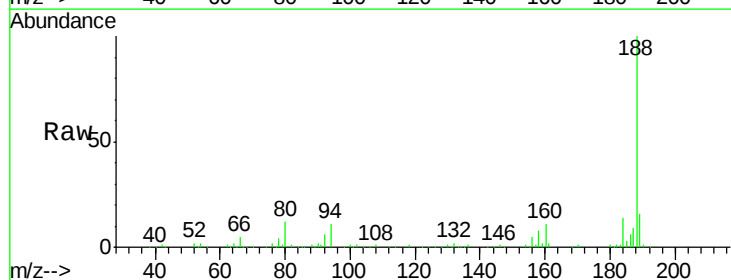
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

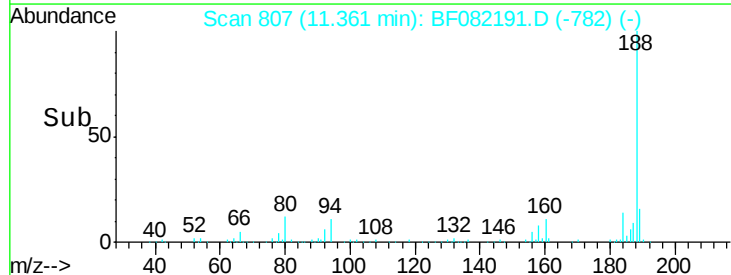
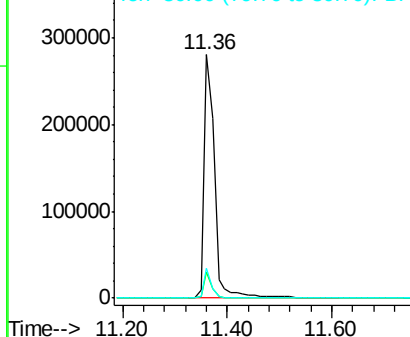
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.8	8.6#
80	12.1	6.4	9.6#

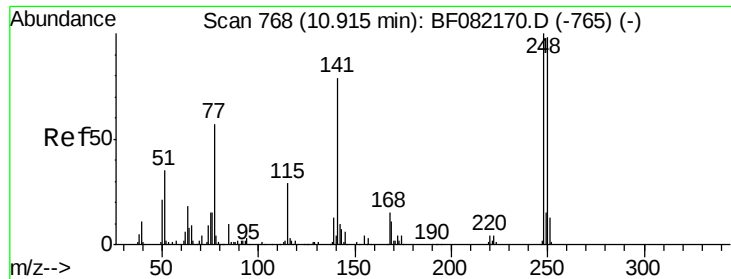


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

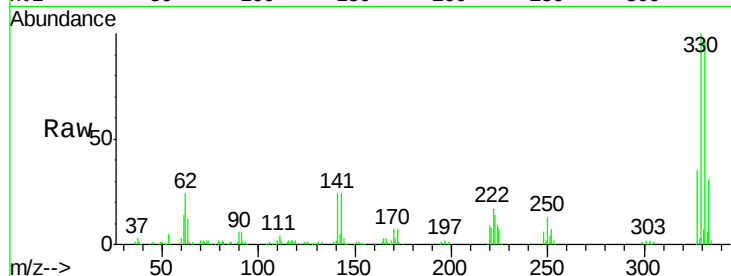




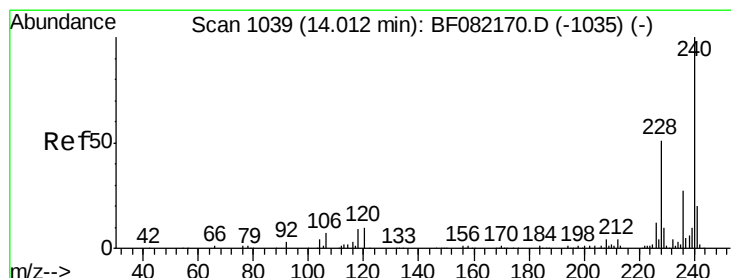
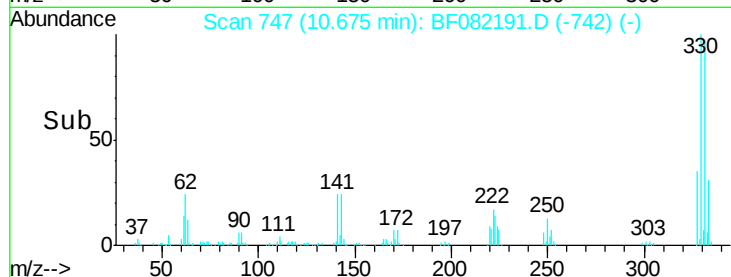
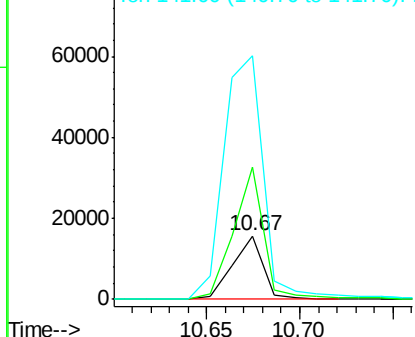
#66
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 10.67 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17799
Ion Ratio Lower Upper
248 100
250 207.0 78.6 117.8#
141 381.8 63.3 94.9#

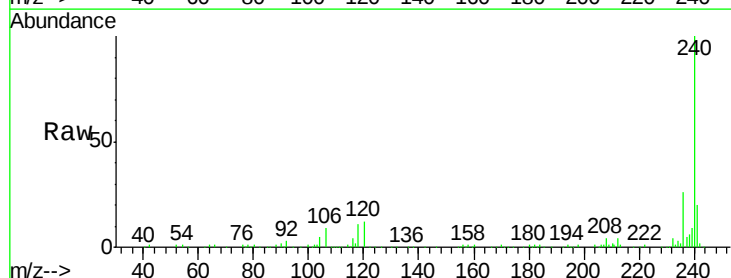


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

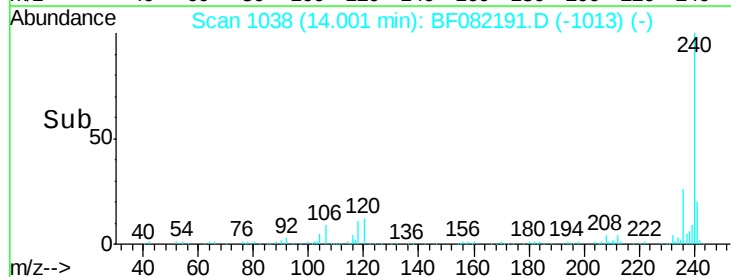
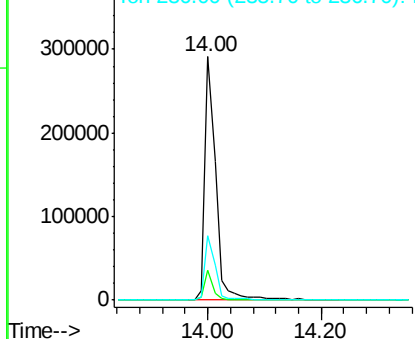


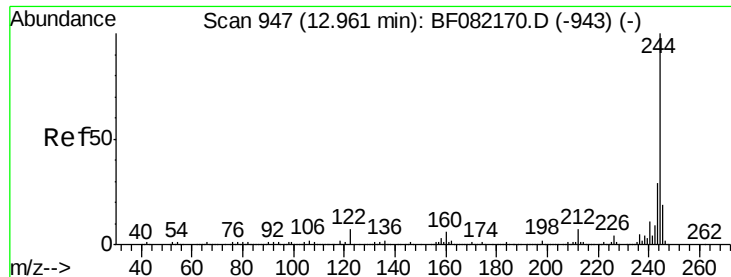
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082191.D
Acq: 10 Oct 2015 22:41

Tgt Ion:240 Resp: 371448
Ion Ratio Lower Upper
240 100
120 12.4 8.1 12.1#
236 26.4 21.3 31.9



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



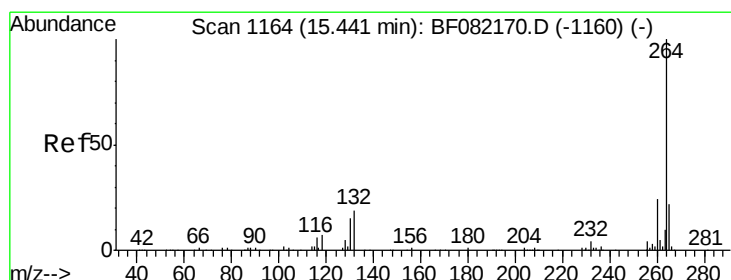
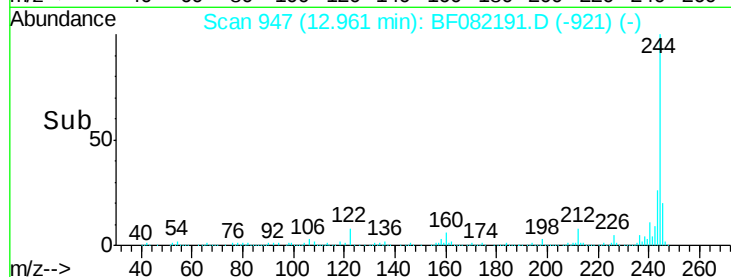
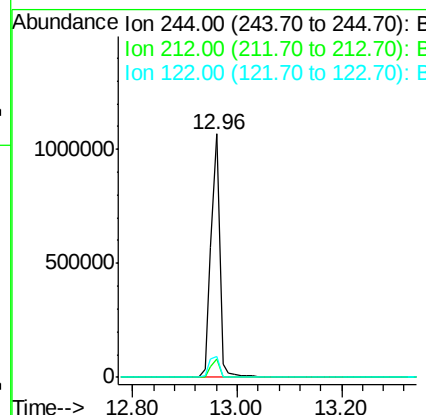
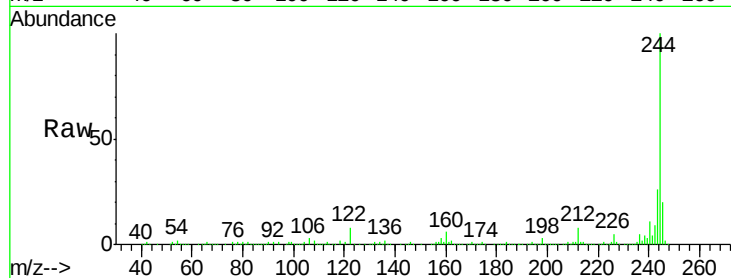


#78
 Terphenyl-d14
 Concen: 88.64 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1242455

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	8.4	5.9	8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082191.D
 Acq: 10 Oct 2015 22:41

Tgt Ion:264 Resp: 294645

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.2	17.3	25.9

