

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097085.D
 Acq On : 26 Jul 2017 19:53
 Operator : SJ/JU
 Sample : I4400-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:18:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

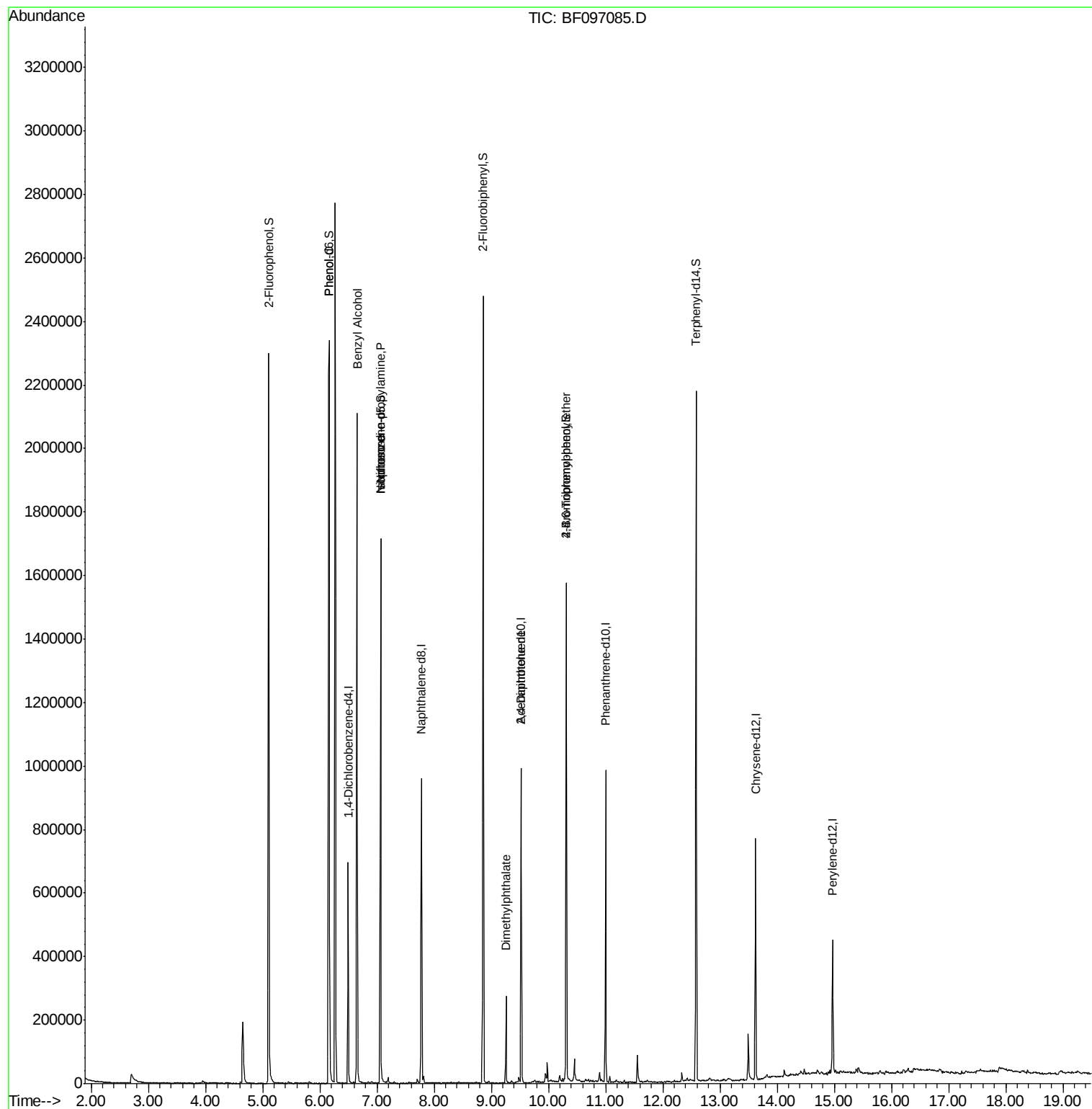
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100397	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	441958	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	193421	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	327979	20.00	ng	0.00
75) Chrysene-d12	13.62	240	241359	20.00	ng	0.00
86) Perylene-d12	14.97	264	171513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	704128	105.73	ng	0.00
7) Phenol-d6	6.16	99	885943	116.52	ng	0.00
23) Nitrobenzene-d5	7.06	82	536407	71.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	177829	116.36	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	805852	70.71	ng	-0.01
78) Terphenyl-d14	12.59	244	678117	57.28	ng	0.00
Target Compounds						
10) Phenol	6.17	94	38206	4.236	ng	97
15) Benzyl Alcohol	6.65	79	10640	2.210	ng	# 29
19) n-Nitroso-di-n-propylamine	7.06	70	70436	14.074	ng	# 88
25) Isophorone	7.06	82	532249	36.075	ng	# 67
49) Dimethylphthalate	9.26	163	109685	7.468	ng	98
56) 2,4-Dinitrotoluene	9.52	165	24892	6.951	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	11566	3.534	ng	# 1

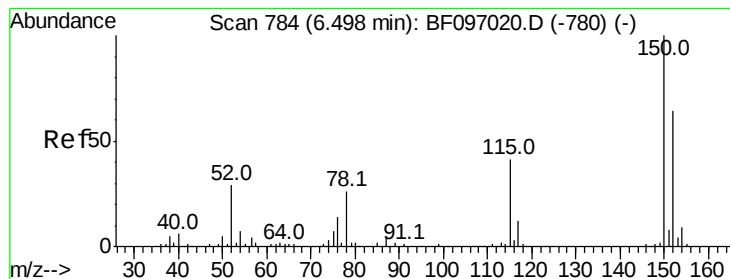
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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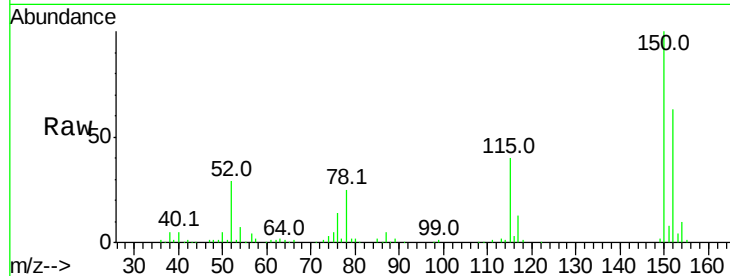


#1

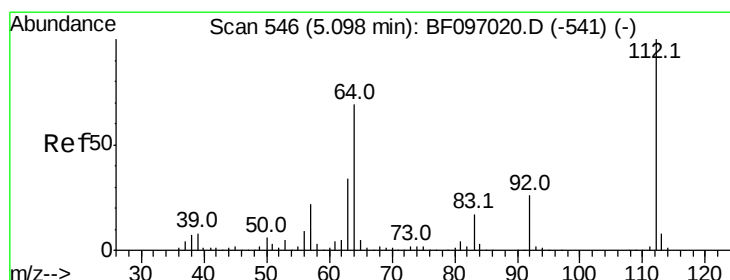
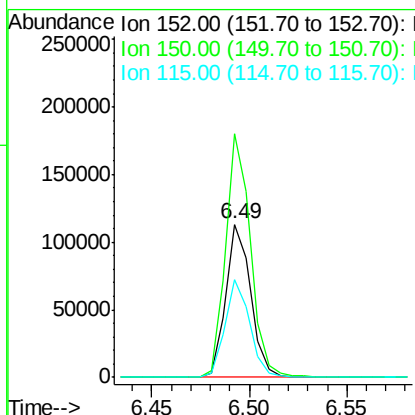
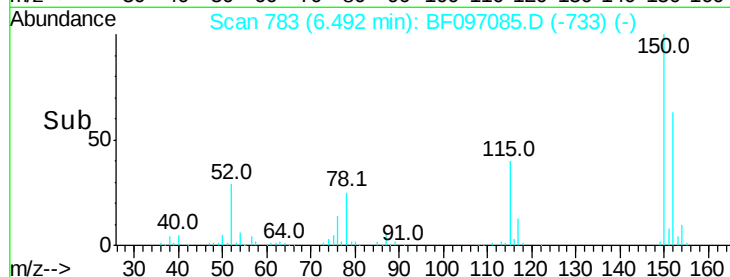
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100397
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 64.0 52.2 78.2



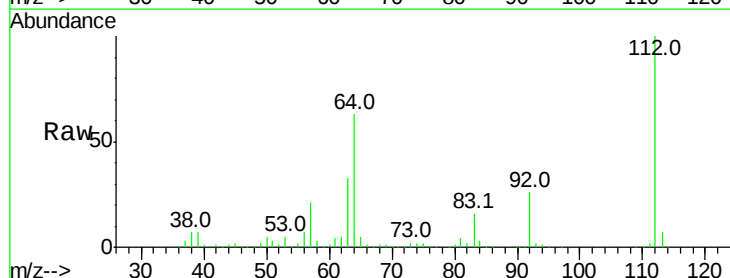
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



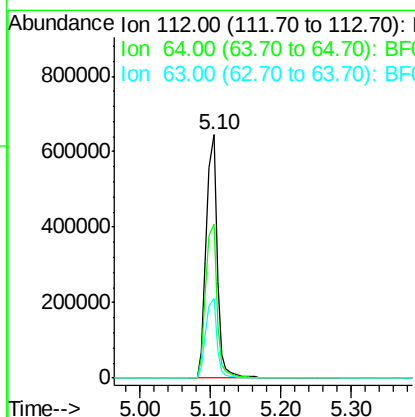
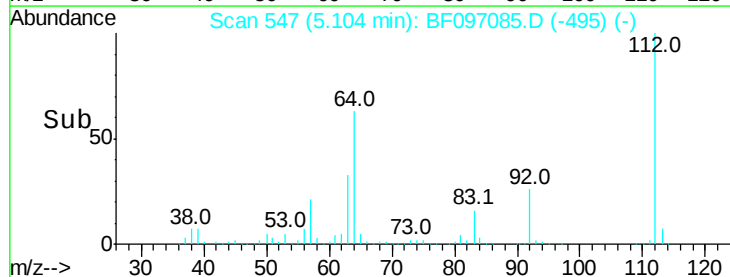
#5

2-Fluorophenol
Concen: 105.727 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

Tgt Ion:112 Resp: 704128
Ion Ratio Lower Upper
112 100
64 63.3 46.0 69.0
63 32.8 23.4 35.0



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: 116.525 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097085.D

Acq: 26 Jul 2017 19:53

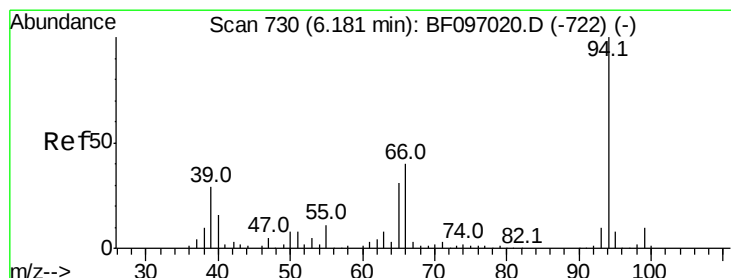
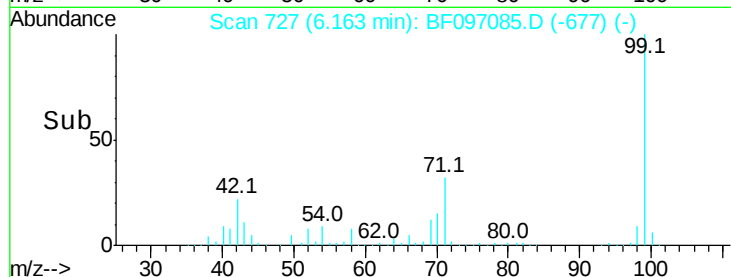
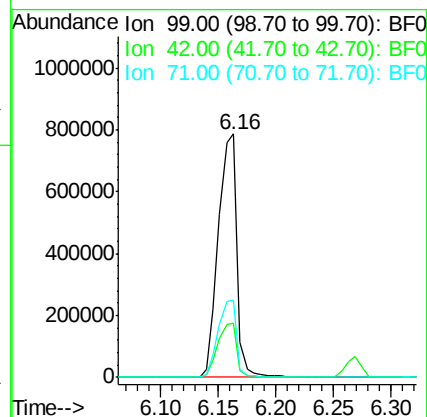
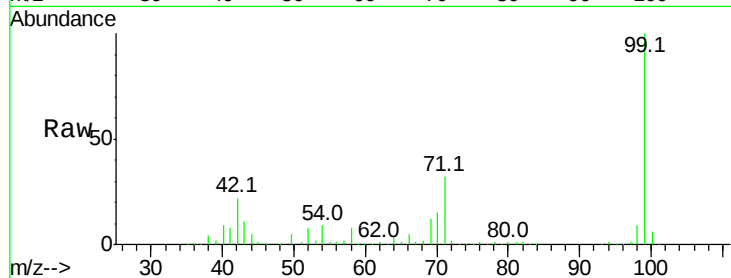
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 885943

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	31.7	24.5	36.7



#10

Phenol

Concen: 4.236 ng

RT: 6.17 min Scan# 728

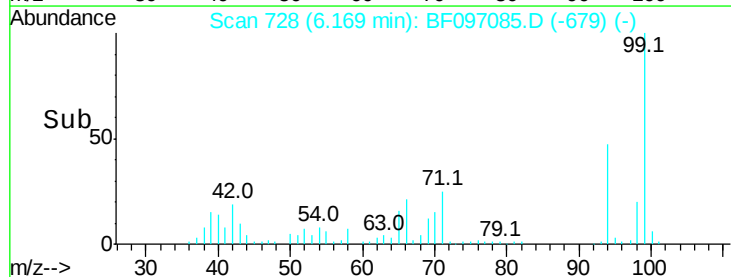
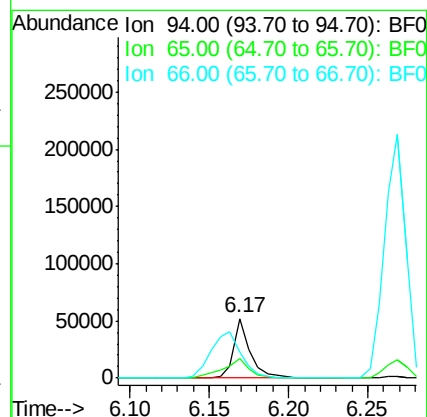
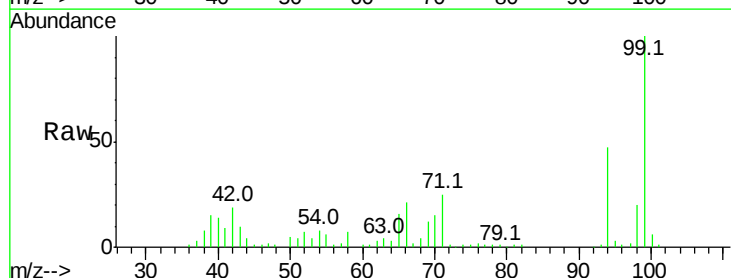
Delta R.T. -0.01 min

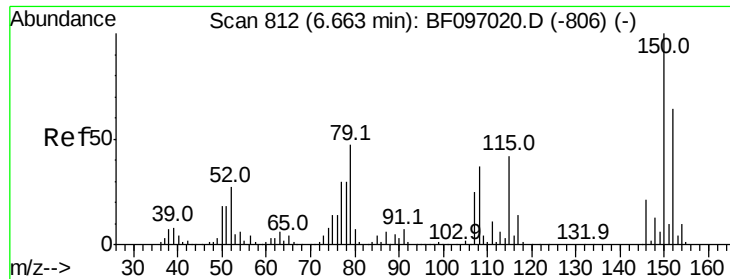
Lab File: BF097085.D

Acq: 26 Jul 2017 19:53

Tgt Ion: 94 Resp: 38206

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.9	49.9
66	44.3	23.1	63.1

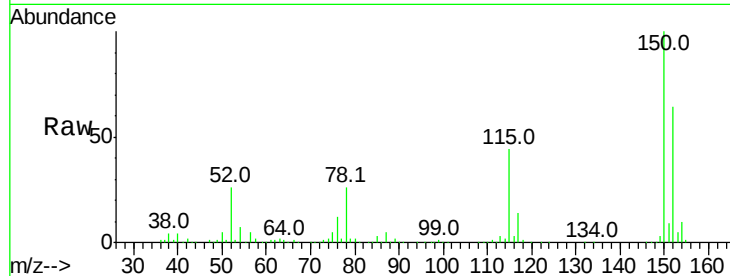




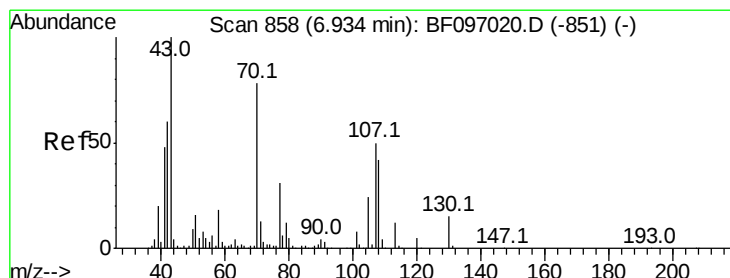
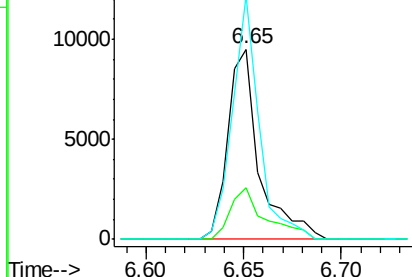
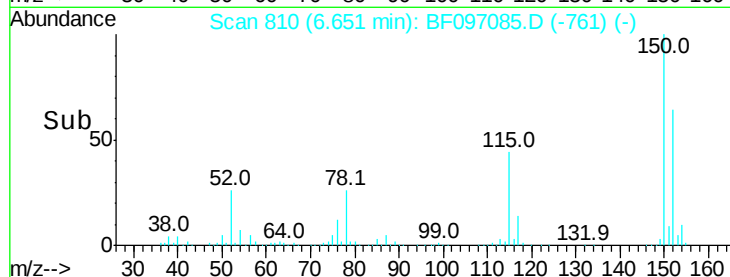
#15
Benzyl Alcohol
Concen: 2.210 ng
RT: 6.65 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 10640
Ion Ratio Lower Upper
79 100
108 27.1 63.4 95.0#
77 128.2 49.2 73.8#

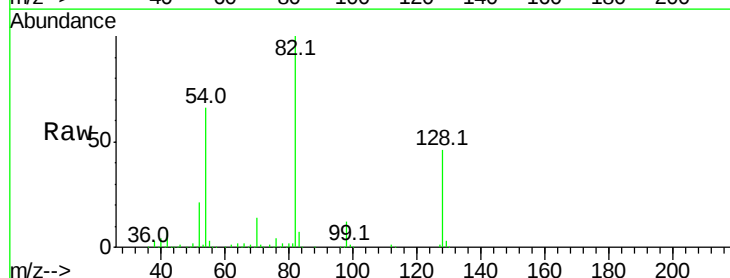


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

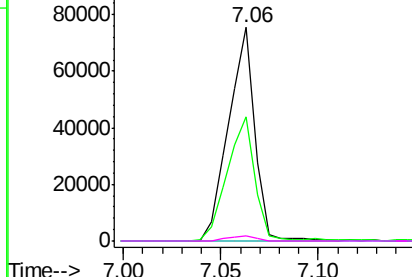
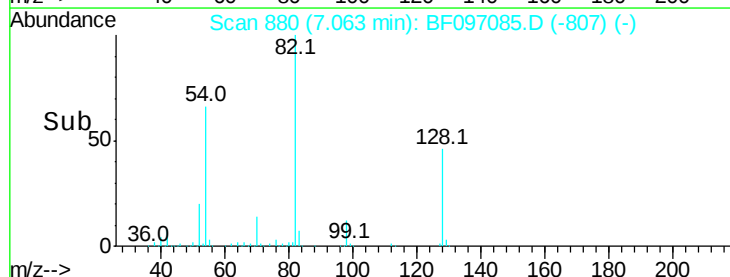


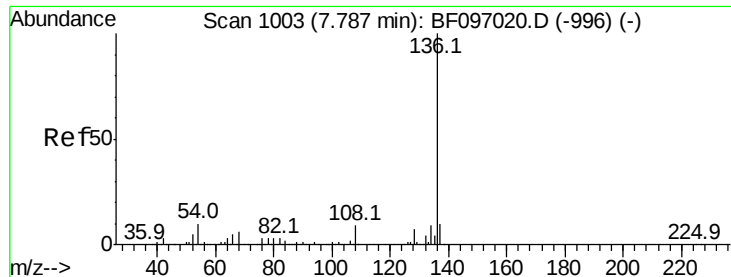
#19
n-Nitroso-di-n-propylamine
Concen: 14.074 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

Tgt Ion: 70 Resp: 70436
Ion Ratio Lower Upper
70 100
42 58.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

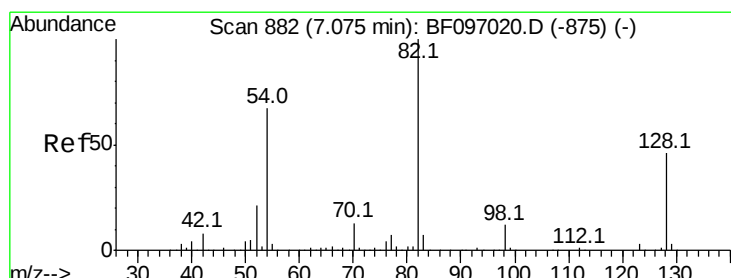
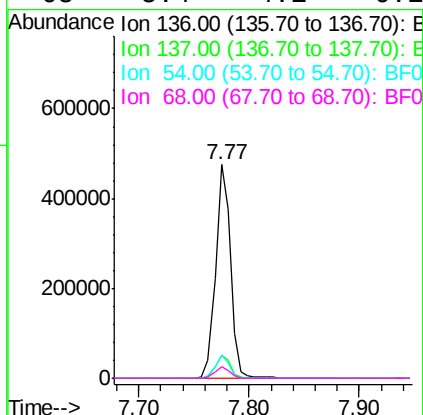
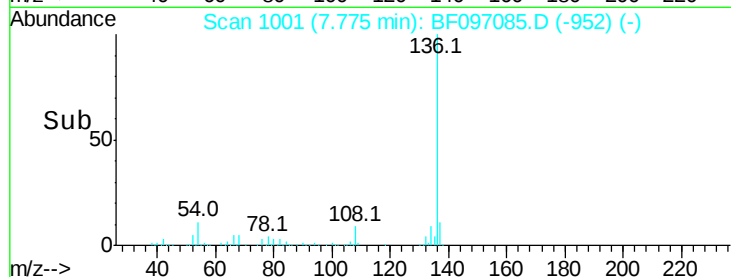
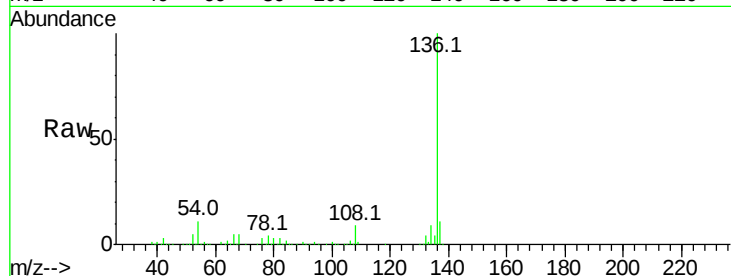




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

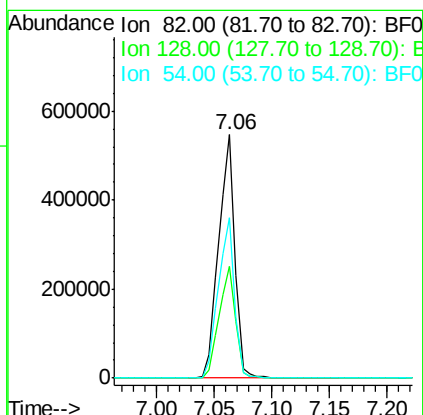
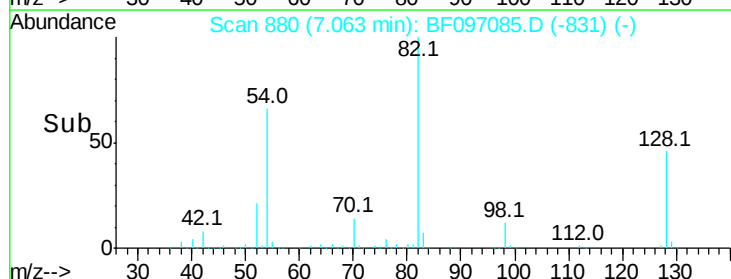
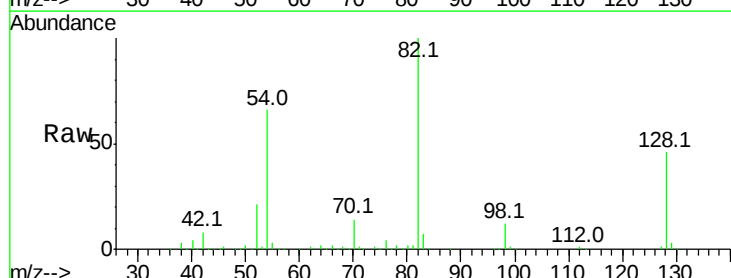
Instrument :
BNA_F
ClientSampleId :

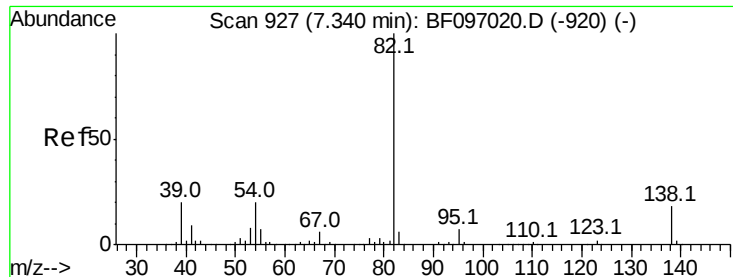
Tot Ion:136 Resp: 441958
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.8 4.9 7.3#
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 71.201 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

Tgt Ion: 82 Resp: 536407
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 65.9 42.2 63.2#

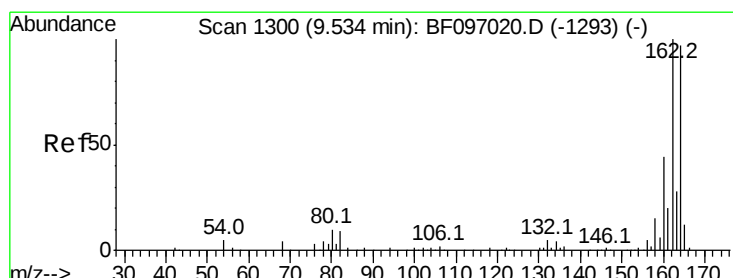
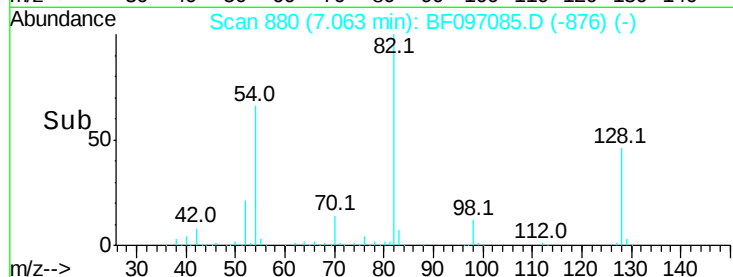
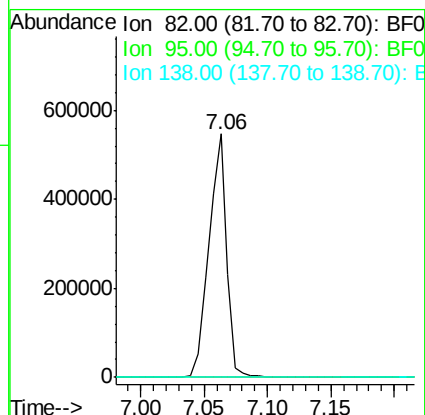
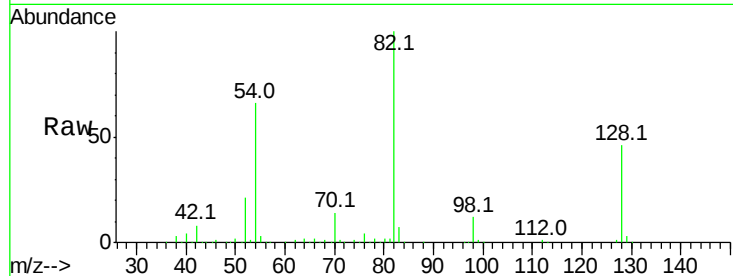




#25
Isophorone
Concen: 36.075 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

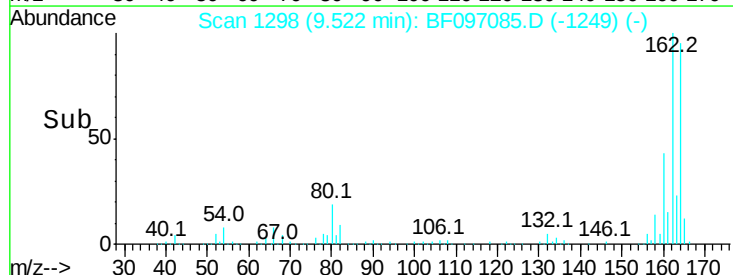
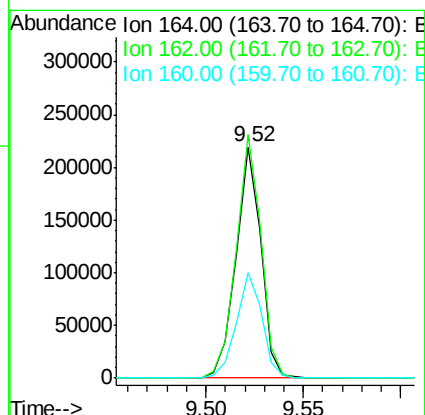
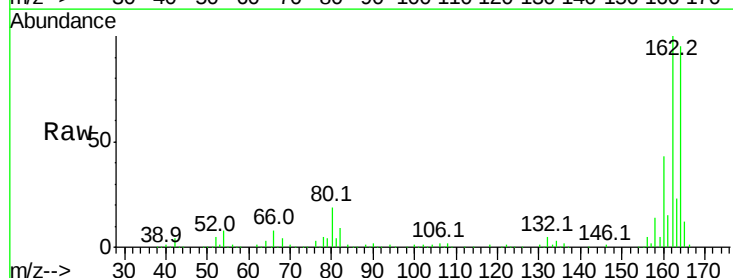
Instrument :
BNA_F
ClientSampleId :

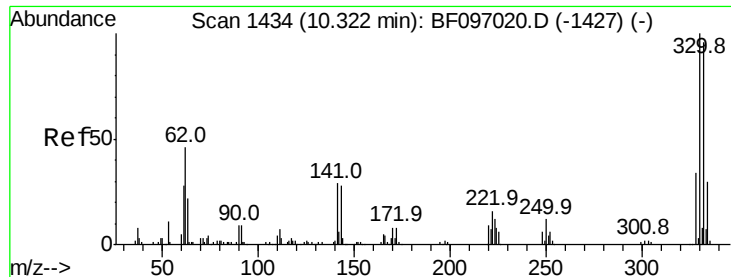
Tot Ion: 82 Resp: 532249
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

Tgt Ion:164 Resp: 193421
Ion Ratio Lower Upper
164 100
162 105.4 82.6 123.8
160 45.5 36.2 54.2

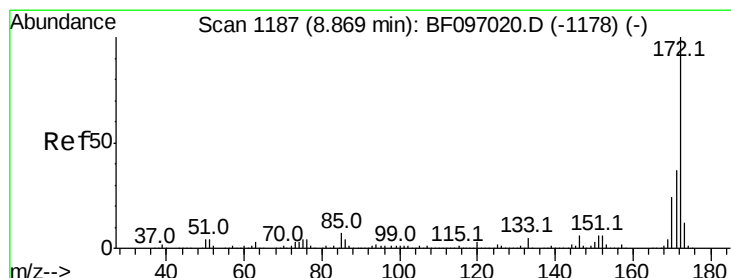
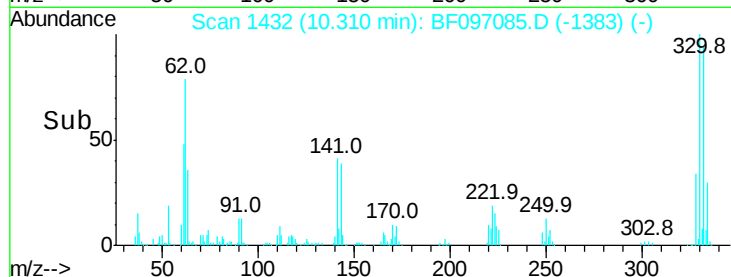
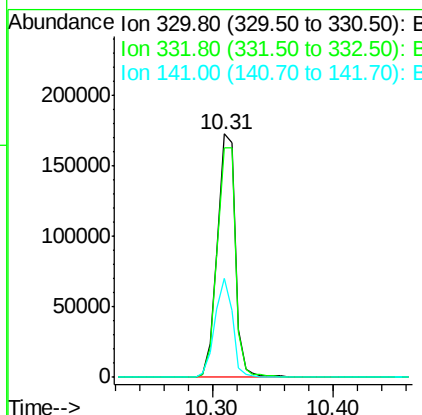
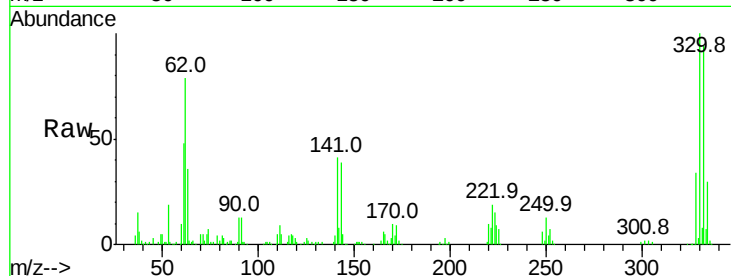




#41
 2,4,6-Tribromophenol
 Concen: 116.364 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097085.D
 Acq: 26 Jul 2017 19:53

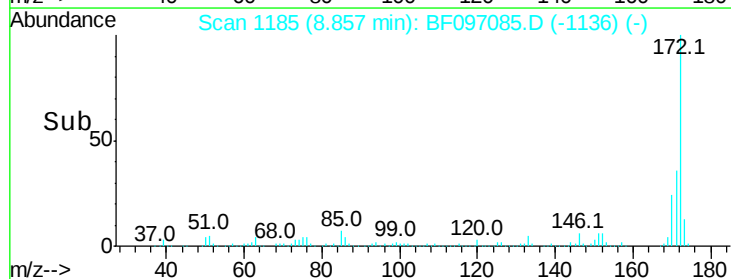
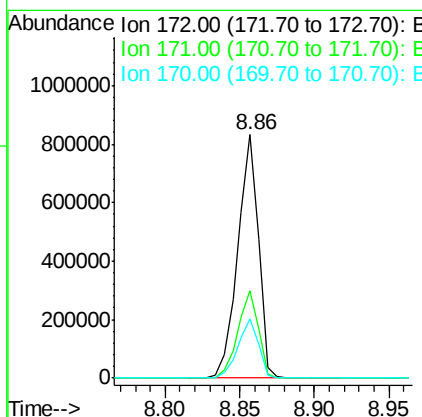
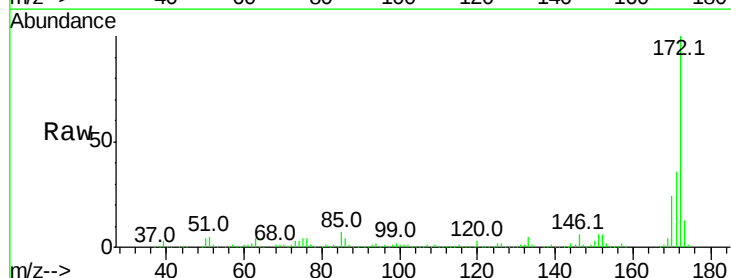
Instrument :
 BNA_F
 ClientSampled :

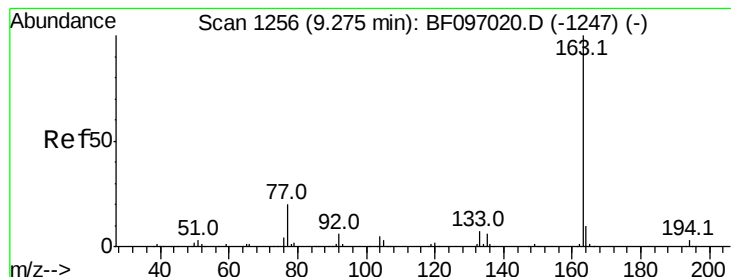
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 70.706 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097085.D
 Acq: 26 Jul 2017 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8





#49

Dimethylphthalate

Concen: 7.468 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097085.D

Acq: 26 Jul 2017 19:53

Instrument :

BNA_F

ClientSampleId :

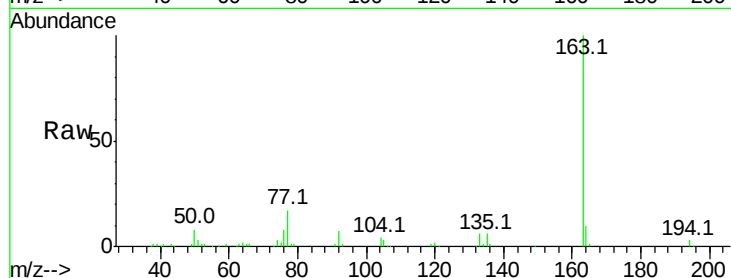
Tot Ion:163 Resp: 109685

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

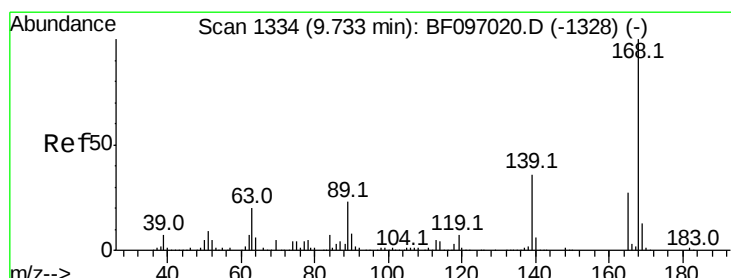
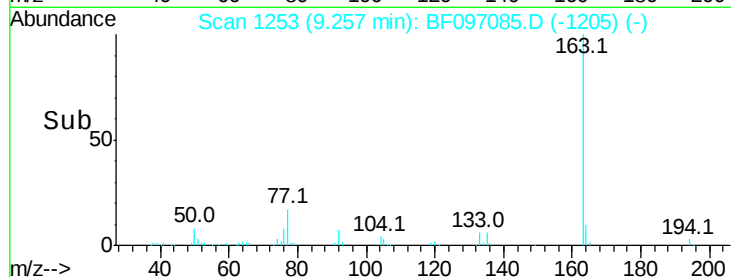
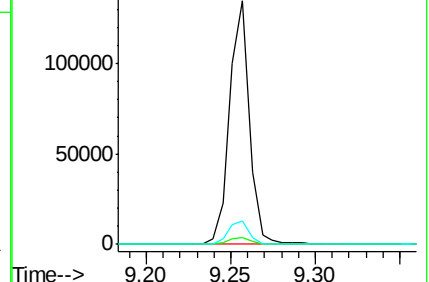
164 9.7 8.4 12.6



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: 6.951 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097085.D

Acq: 26 Jul 2017 19:53

Tgt Ion:165 Resp: 24892

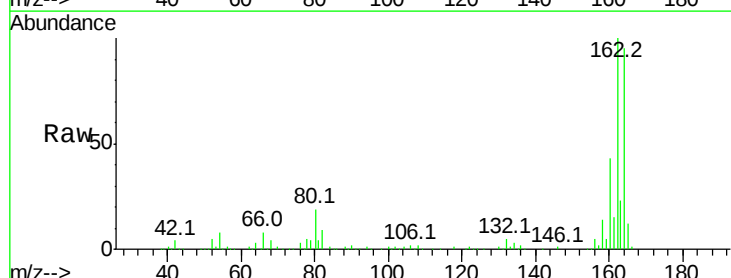
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

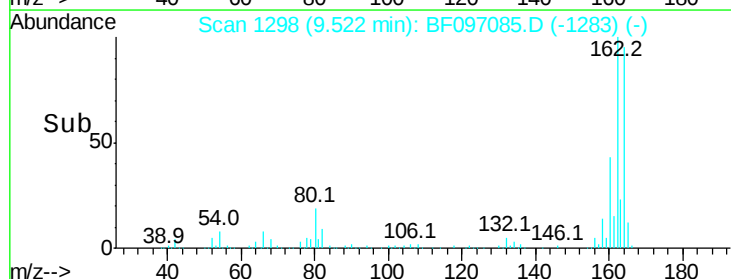
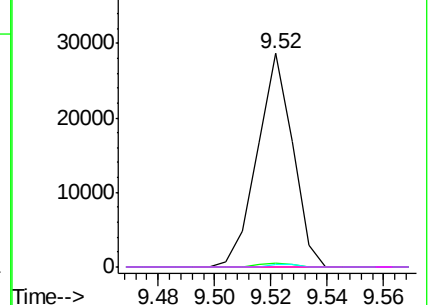


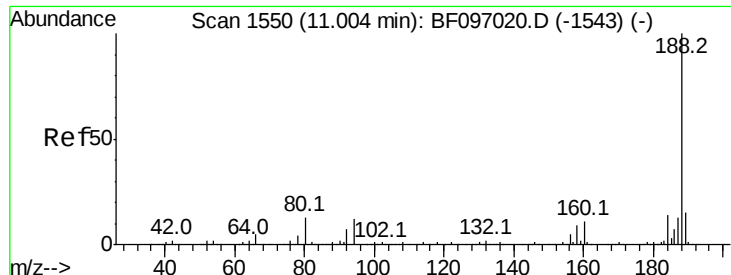
Abundance Ion 165.00 (164.70 to 165.70): E

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

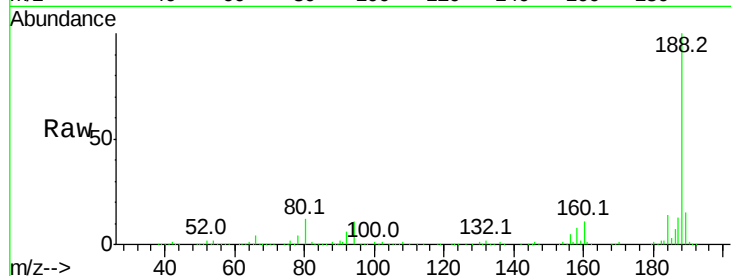




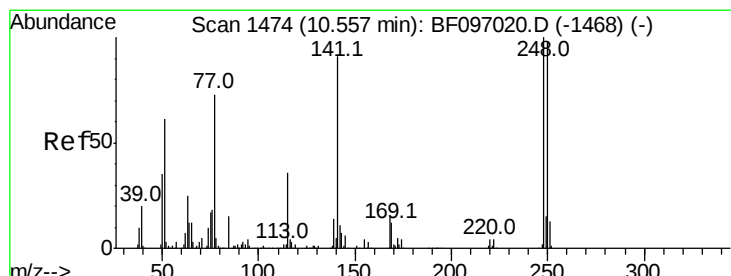
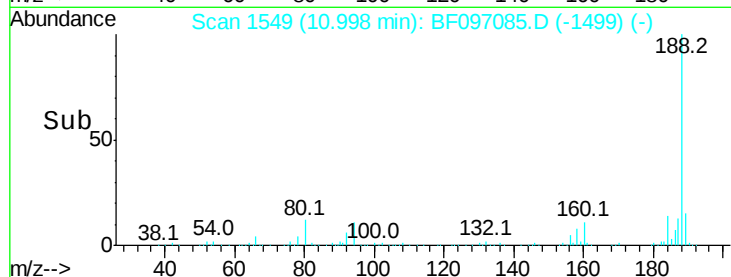
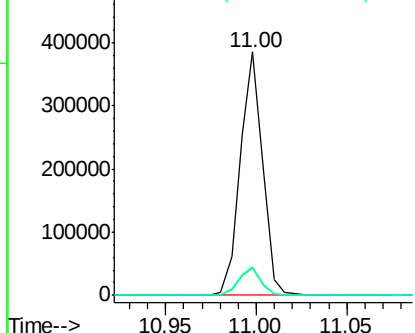
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097085.D
 Acq: 26 Jul 2017 19:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 327979
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.7 10.2 15.2

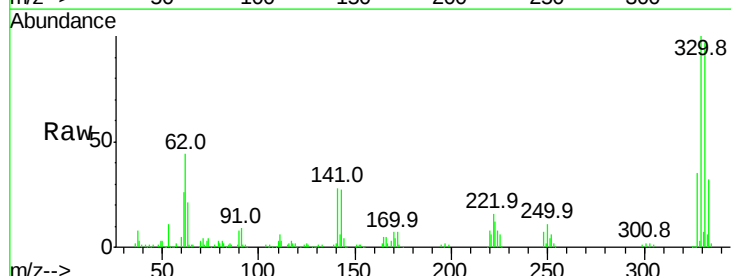


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

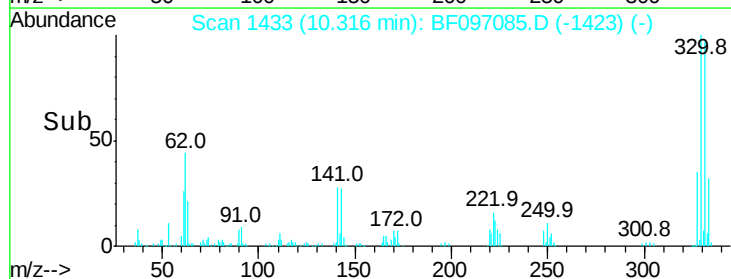
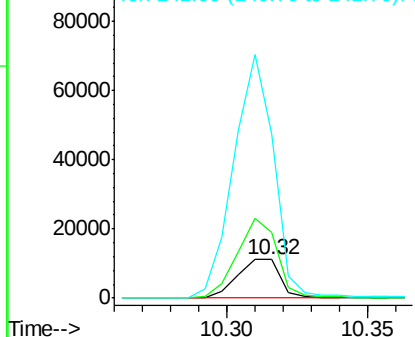


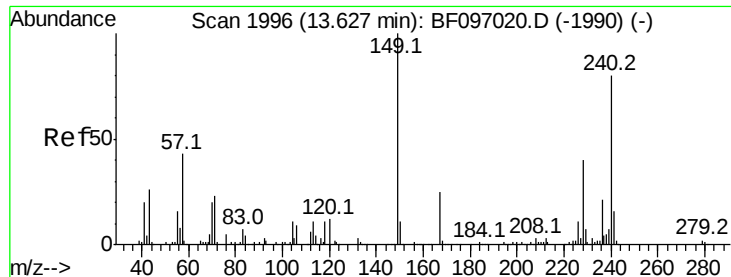
#66
 4-Bromophenyl-phenylether
 Concen: 3.534 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF097085.D
 Acq: 26 Jul 2017 19:53

Tgt Ion:248 Resp: 11566
 Ion Ratio Lower Upper
 248 100
 250 171.0 76.8 115.2#
 141 429.3 68.6 103.0#



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: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097085.D

Acq: 26 Jul 2017 19:53

Instrument :

BNA_F

ClientSampleId :

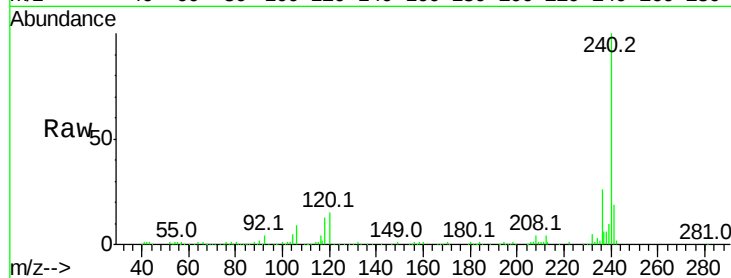
Tot Ion:240 Resp: 241359

Ion Ratio Lower Upper

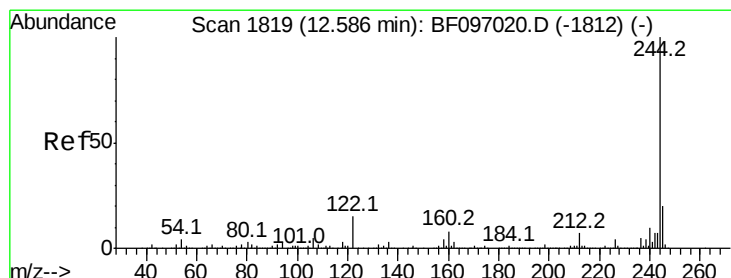
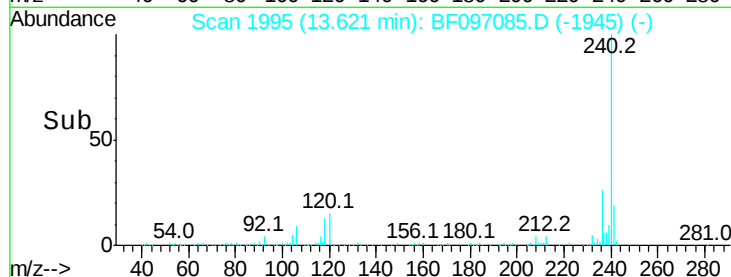
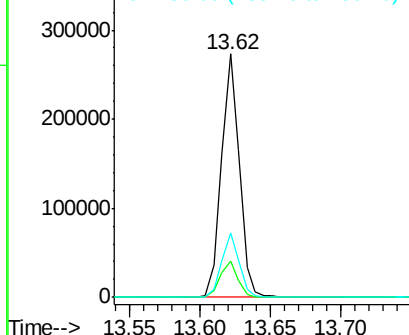
240 100

120 14.6 5.8 8.8#

236 26.5 20.5 30.7



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: 57.283 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097085.D

Acq: 26 Jul 2017 19:53

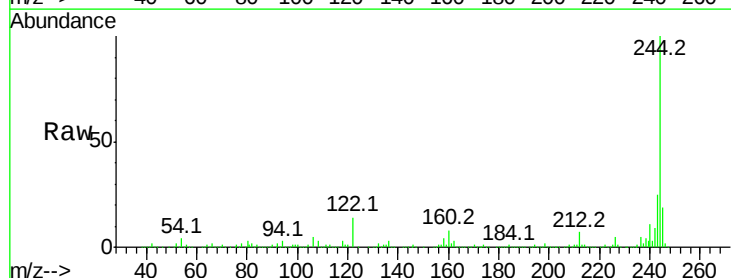
Tgt Ion:244 Resp: 678117

Ion Ratio Lower Upper

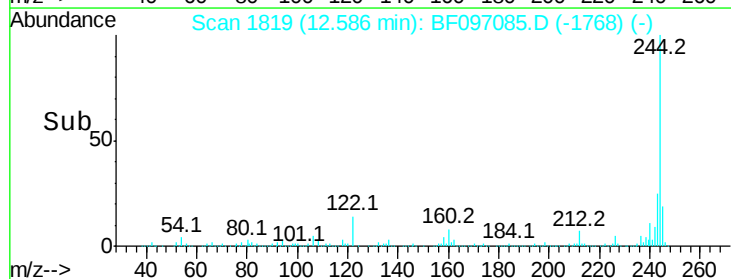
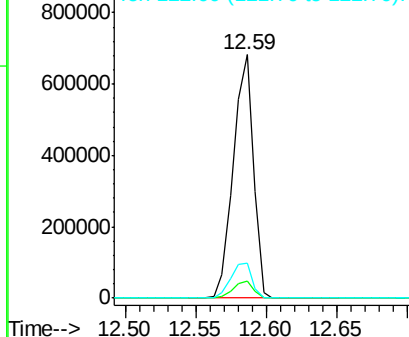
244 100

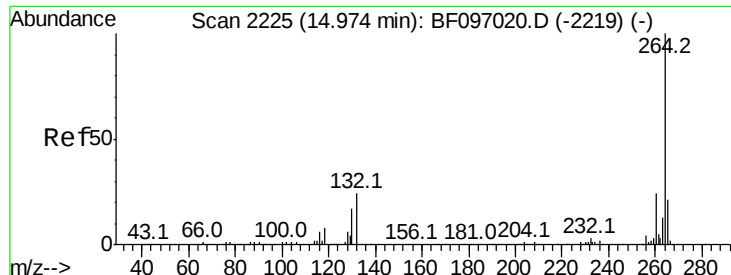
212 6.8 6.0 9.0

122 14.4 10.3 15.5



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

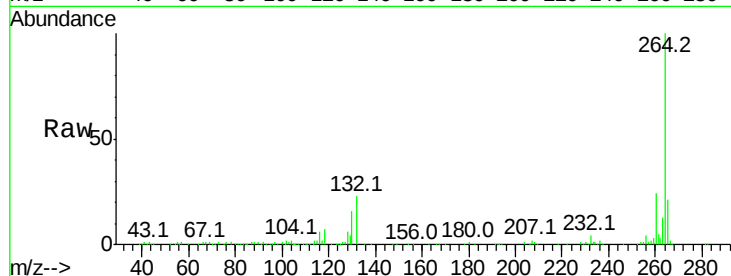




#86
Pervlone-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097085.D
Acq: 26 Jul 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.1	17.2	25.8



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

