

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097079.D
 Acq On : 26 Jul 2017 17:04
 Operator : SJ/JU
 Sample : I4443-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:51:00 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	108191	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	487830	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	187084	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	304077	20.00	ng	0.00
75) Chrysene-d12	13.62	240	197990	20.00	ng	0.00
86) Perylene-d12	14.97	264	180466	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	948943	132.22	ng	0.00
7) Phenol-d6	6.16	99	1061831	129.60	ng	0.00
23) Nitrobenzene-d5	7.07	82	629844	75.74	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	205650	139.13	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	989129	89.73	ng	0.00
78) Terphenyl-d14	12.59	244	556409	57.30	ng	0.00

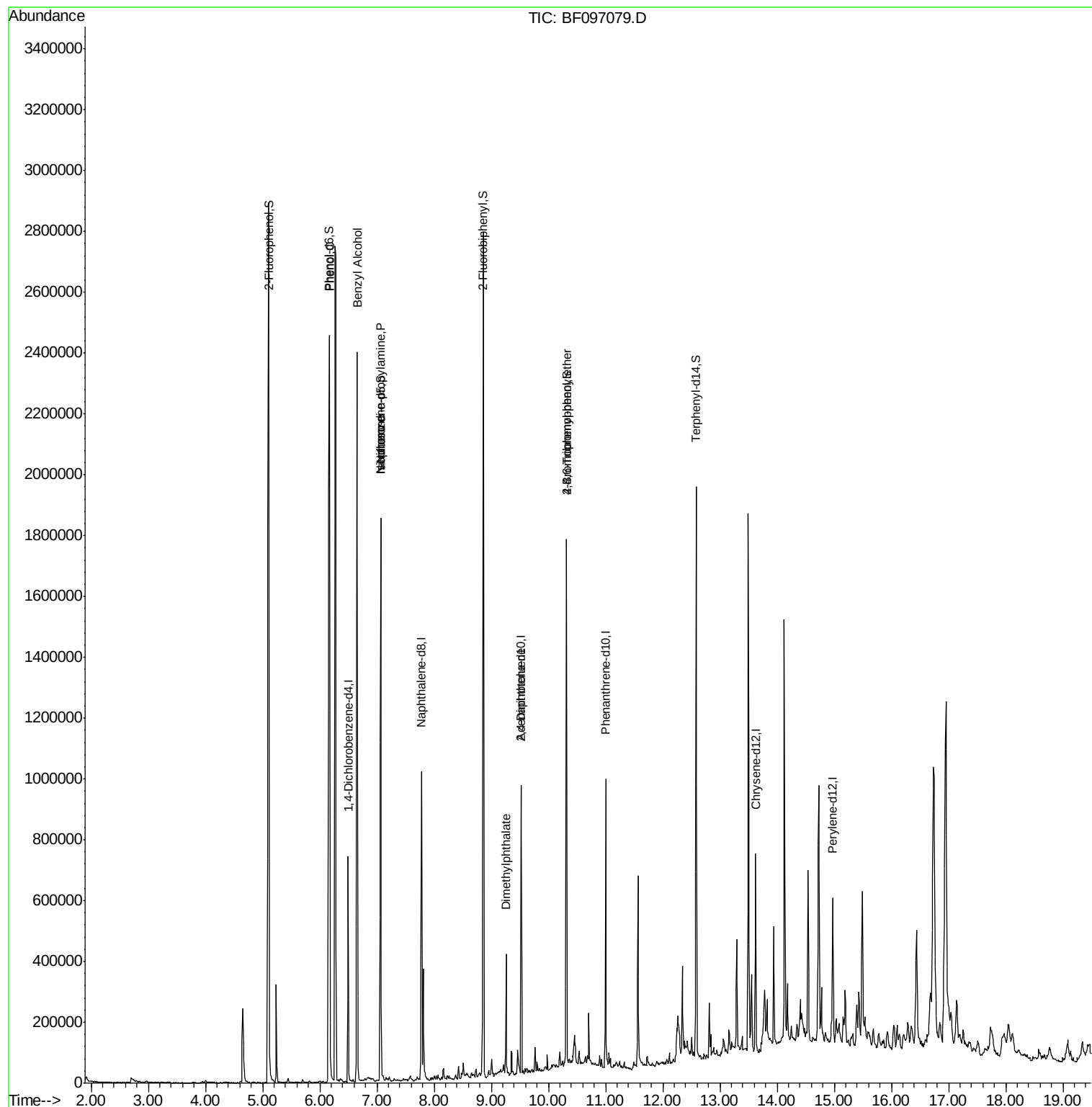
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.17	94	58443	6.014	ng	98
15) Benzyl Alcohol	6.65	79	14004	2.700	ng	# 38
19) n-Nitroso-di-n-propylamine	7.07	70	85260	15.809	ng	# 87
25) Isophorone	7.07	82	613303	37.660	ng	# 67
49) Dimethylphthalate	9.26	163	142838	10.054	ng	99
56) 2,4-Dinitrotoluene	9.52	165	23862	6.889	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	12893	4.249	ng	# 1

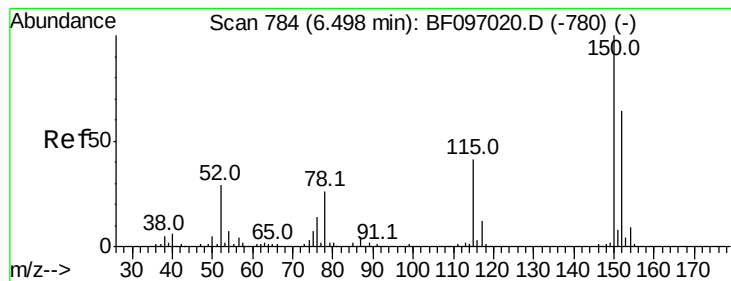
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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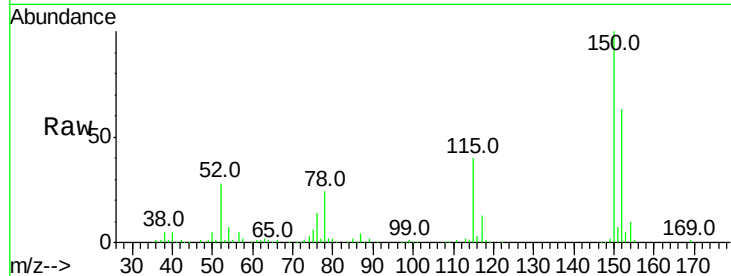


#1

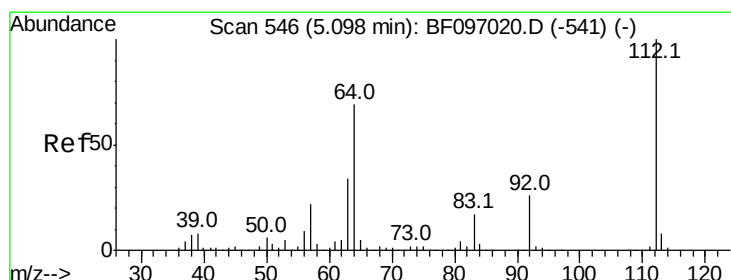
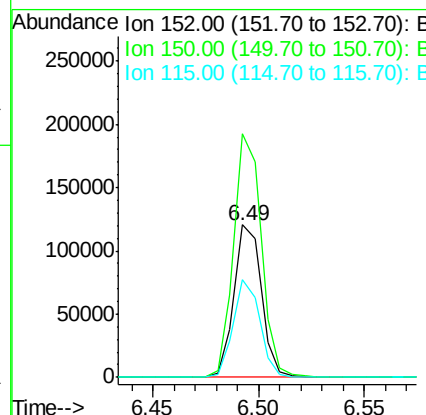
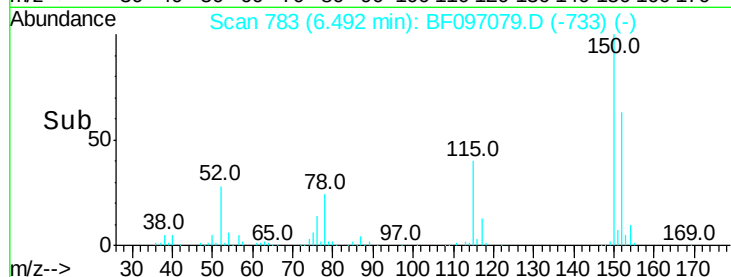
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097079.D
Acq: 26 Jul 2017 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108191
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 64.1 52.2 78.2



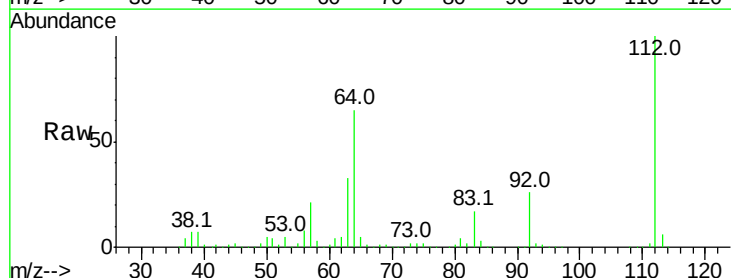
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



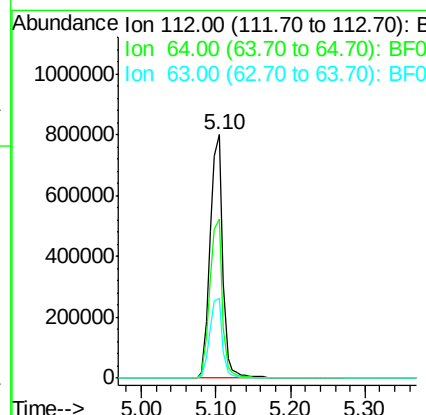
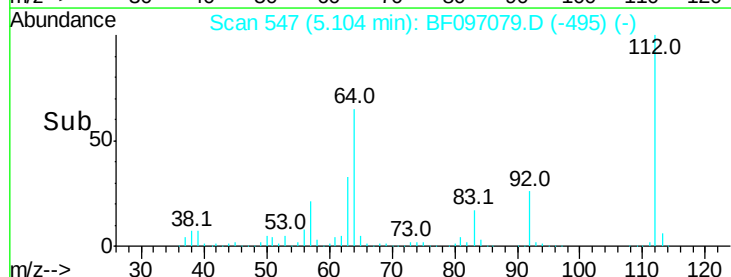
#5

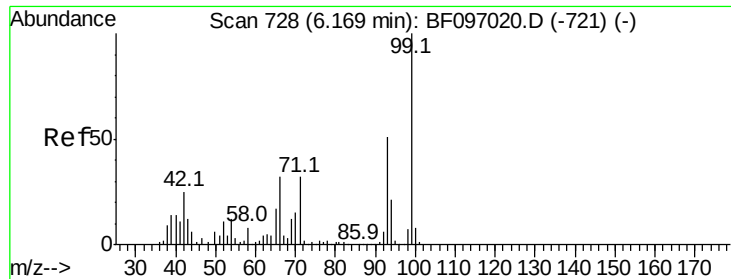
2-Fluorophenol
Concen: 132.222 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097079.D
Acq: 26 Jul 2017 17:04

Tgt Ion:112 Resp: 948943
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 32.9 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: 129.598 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

Instrument :

BNA_F

ClientSampled :

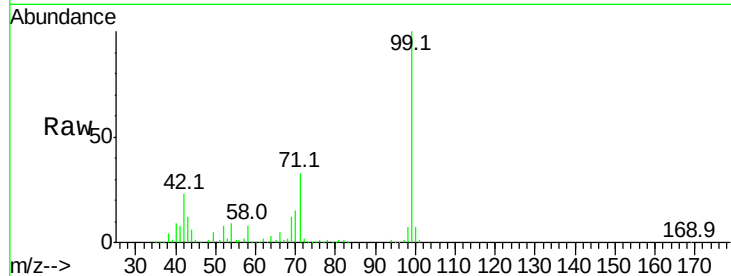
Tot Ion: 99 Resp: 1061831

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

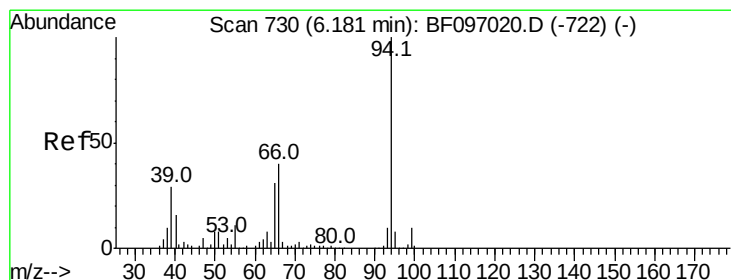
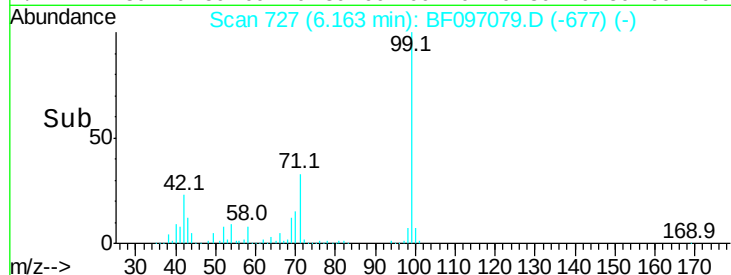
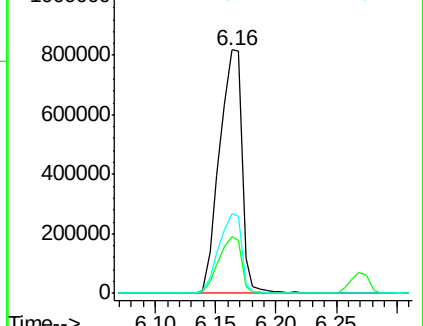
71 33.0 24.5 36.7



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



#10

Phenol

Concen: 6.014 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

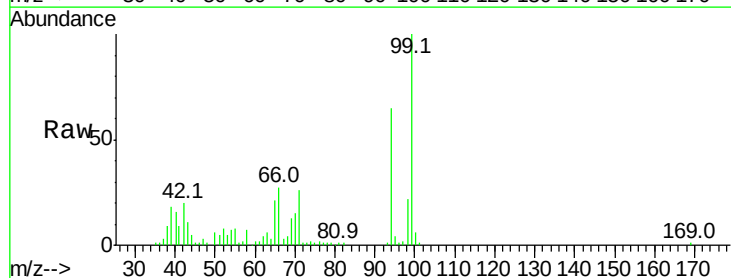
Tgt Ion: 94 Resp: 58443

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

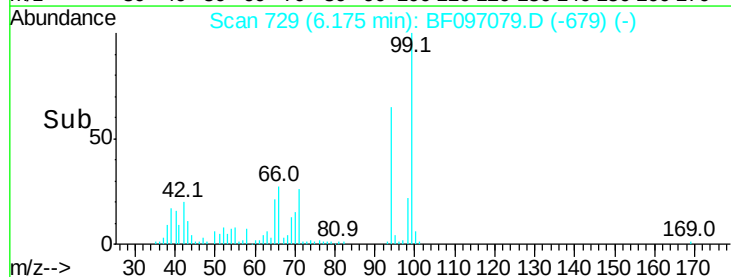
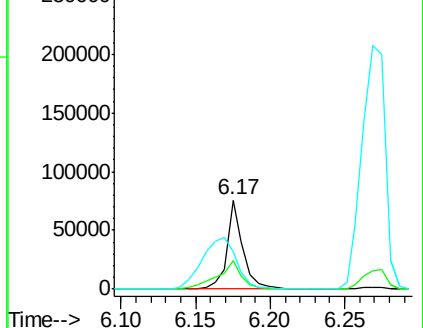
66 42.5 23.1 63.1

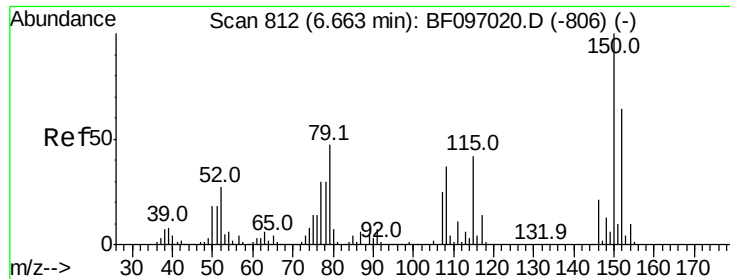


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.700 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

Instrument :

BNA_F

ClientSampleId :

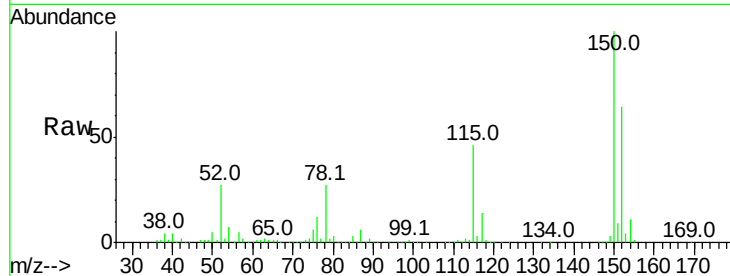
Tot Ion: 79 Resp: 14004

Ion Ratio Lower Upper

79 100

108 24.9 63.4 95.0#

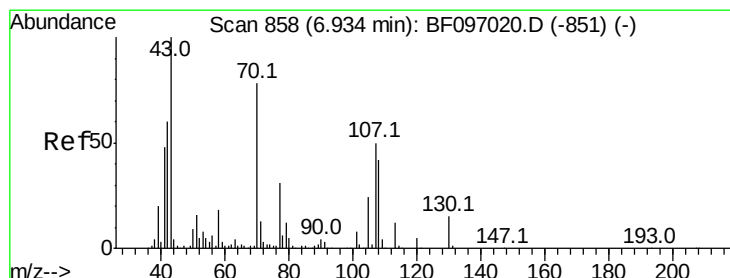
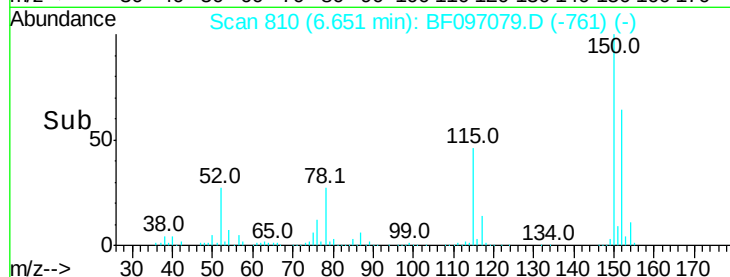
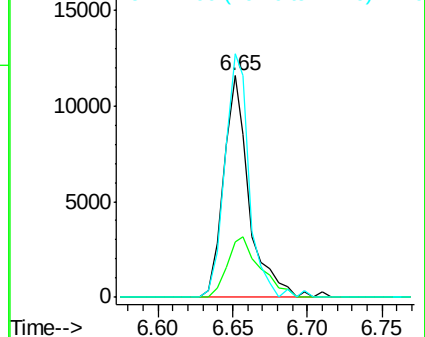
77 109.9 49.2 73.8#



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: 15.809 ng

RT: 7.07 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

Tgt Ion: 70 Resp: 85260

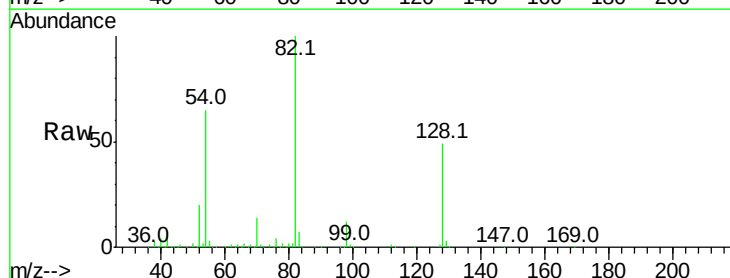
Ion Ratio Lower Upper

70 100

42 56.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

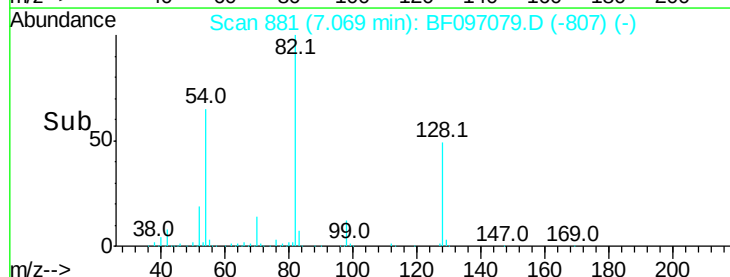
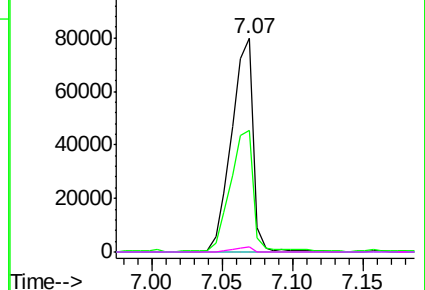


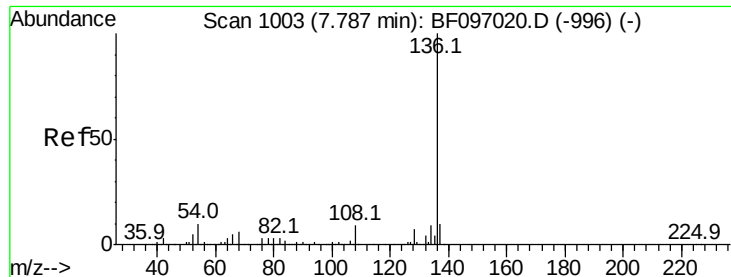
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

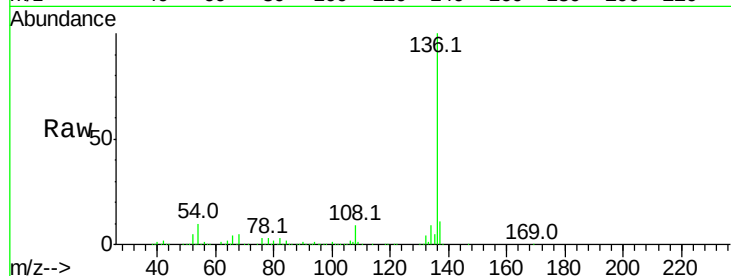




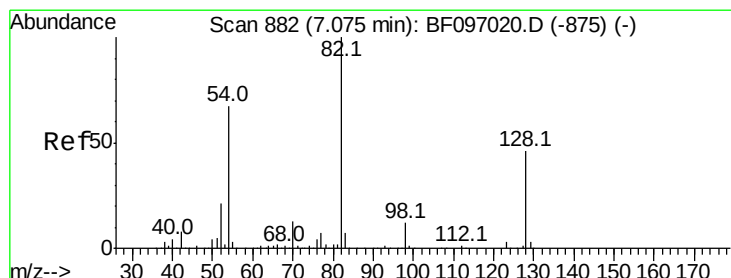
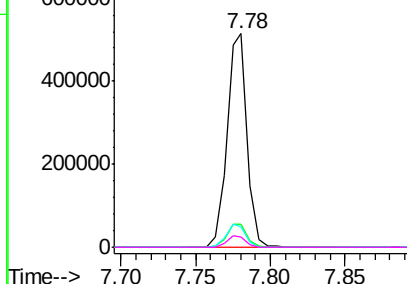
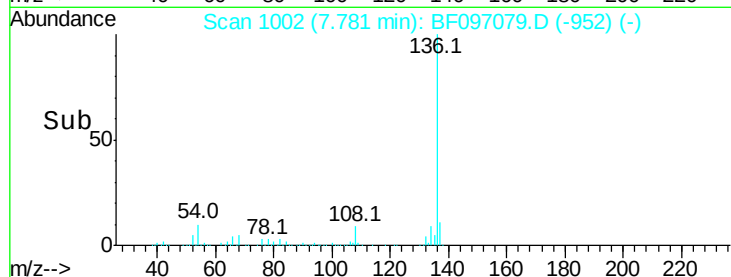
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097079.D
Acq: 26 Jul 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 487830
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 9.5	4.9 7.3#
68 5.1	4.1 6.1

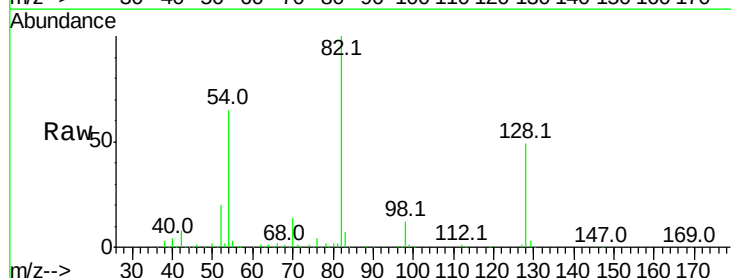


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

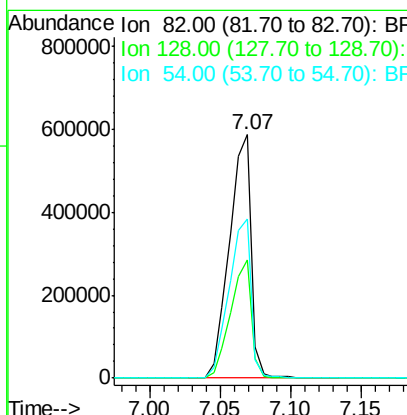
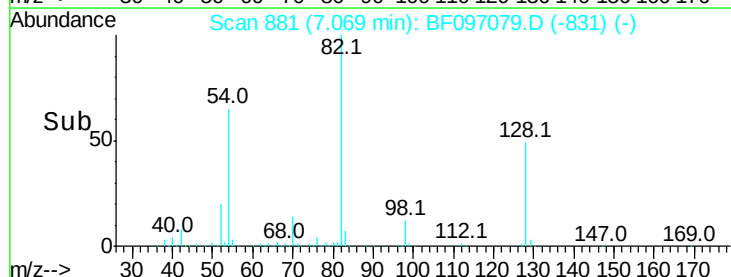


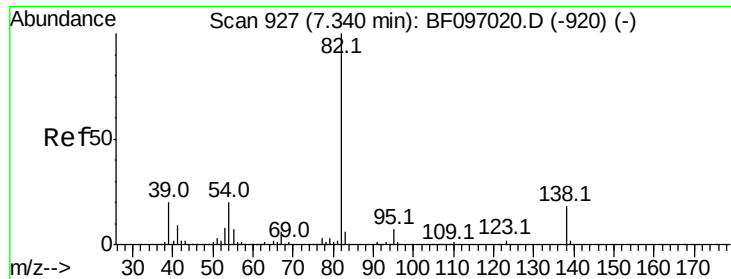
#23
Nitrobenzene-d5
Concen: 75.742 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097079.D
Acq: 26 Jul 2017 17:04

Tgt Ion: 82	Resp: 629844
Ion Ratio	Lower Upper
82 100	
128 48.5	34.0 51.0
54 65.4	42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.660 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

Instrument :

BNA_F

ClientSampleId :

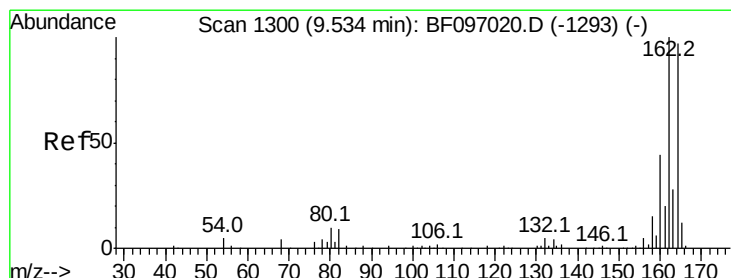
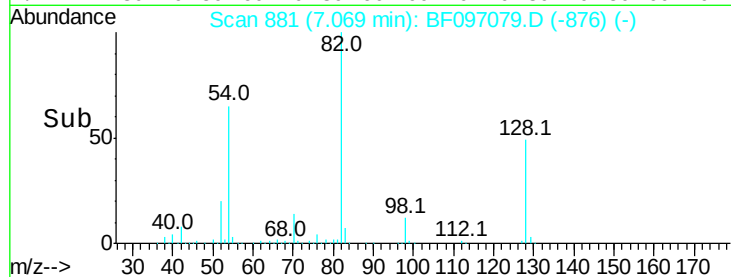
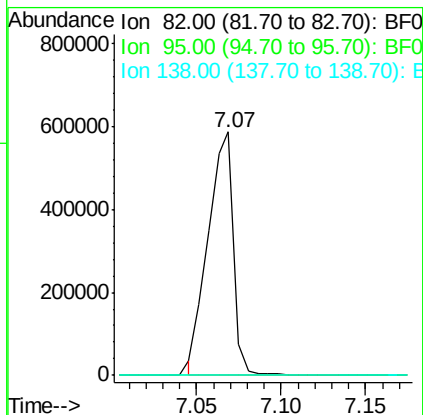
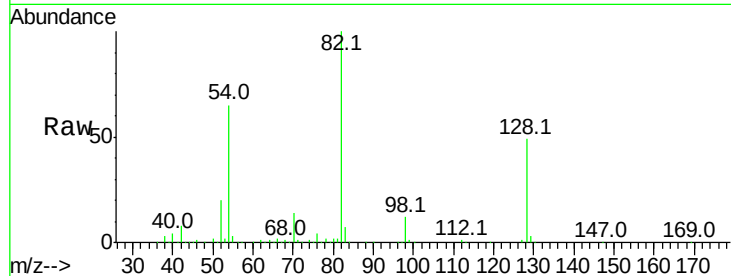
Tot Ion: 82 Resp: 613303

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: BF097079.D

Acq: 26 Jul 2017 17:04

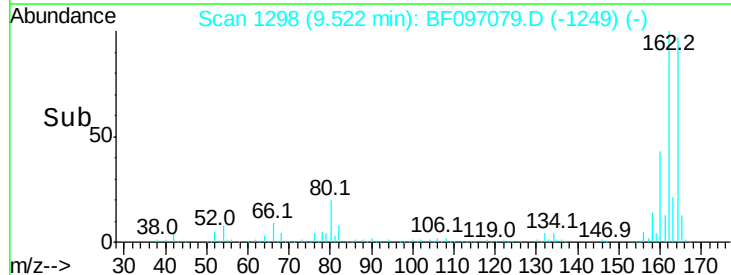
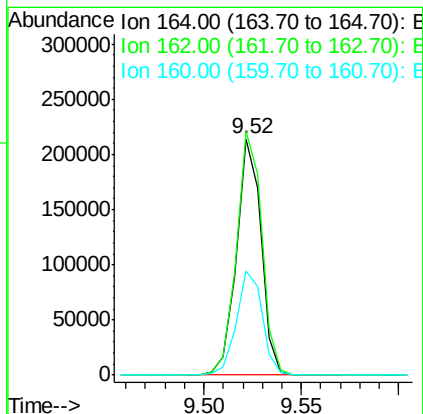
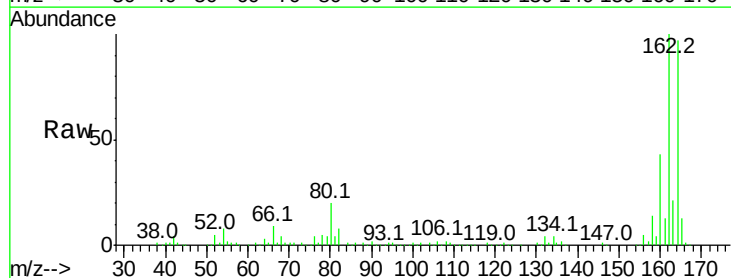
Tgt Ion: 164 Resp: 187084

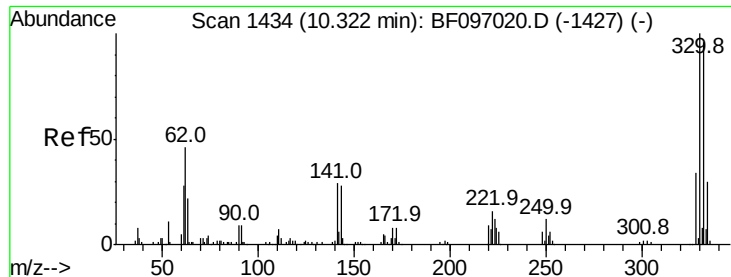
Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 43.9 36.2 54.2

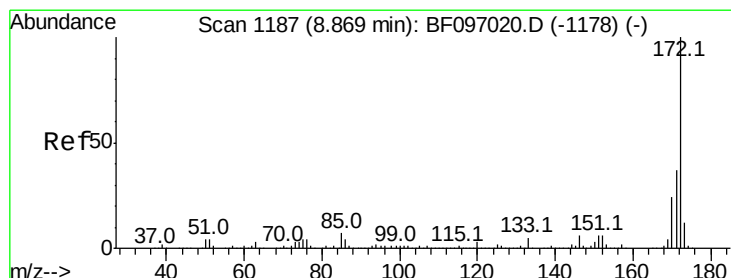
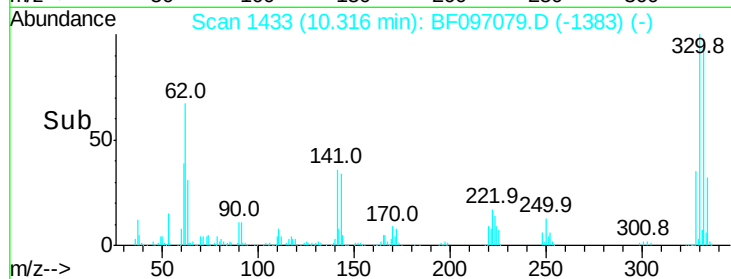
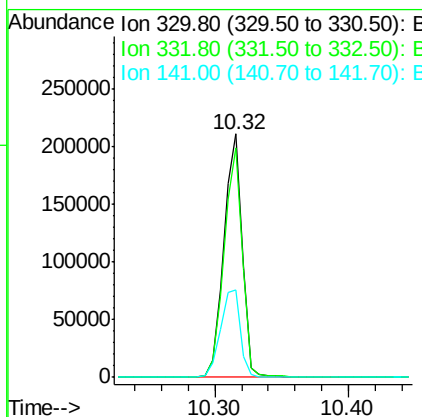
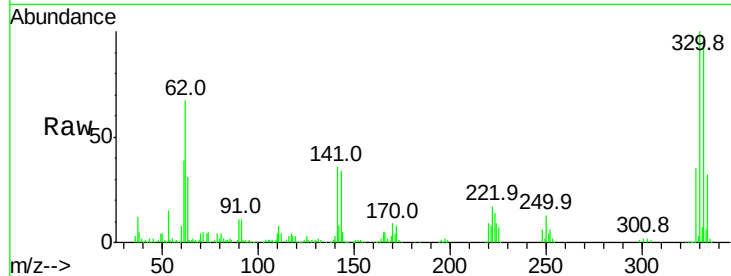




#41
 2,4,6-Tribromophenol
 Concen: 139.127 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097079.D
 Acq: 26 Jul 2017 17:04

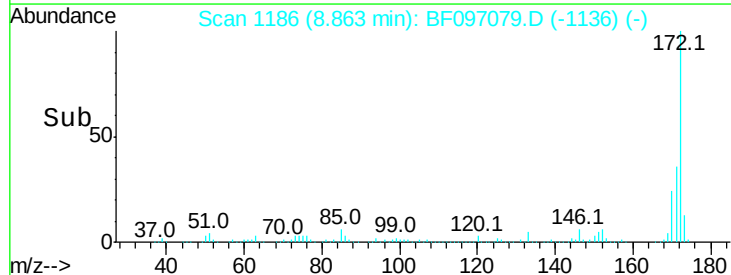
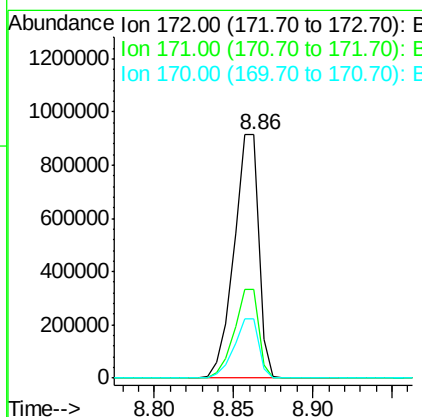
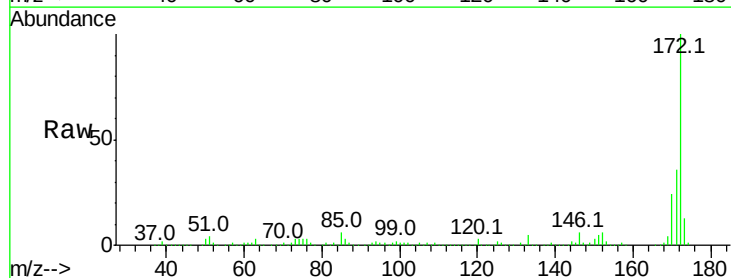
Instrument :
 BNA_F
 ClientSampleId :

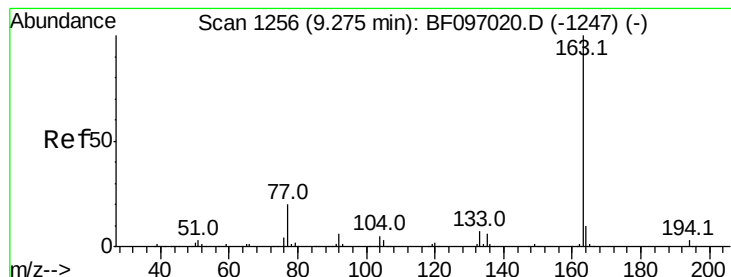
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 89.727 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097079.D
 Acq: 26 Jul 2017 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.4	19.8	29.8





#49

Dimethylphthalate

Concen: 10.054 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

Instrument :

BNA_F

ClientSampleId :

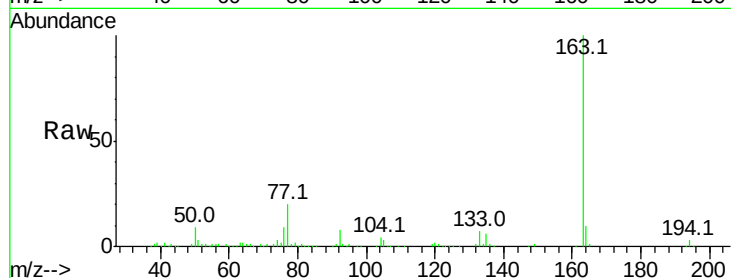
Tot Ion:163 Resp: 142838

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

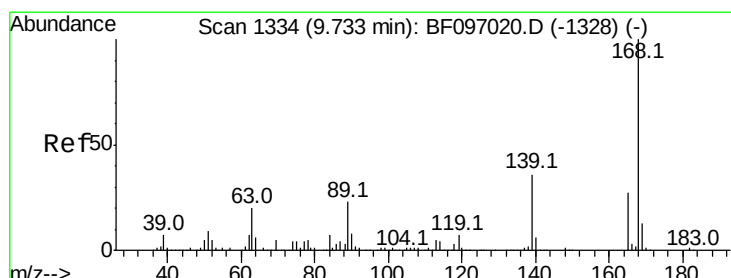
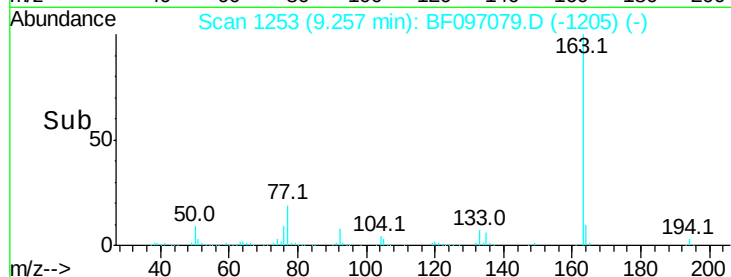
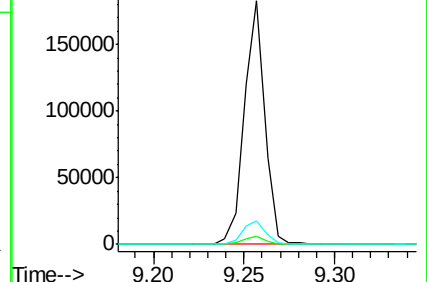
164 9.9 8.4 12.6



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: 6.889 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

Tgt Ion:165 Resp: 23862

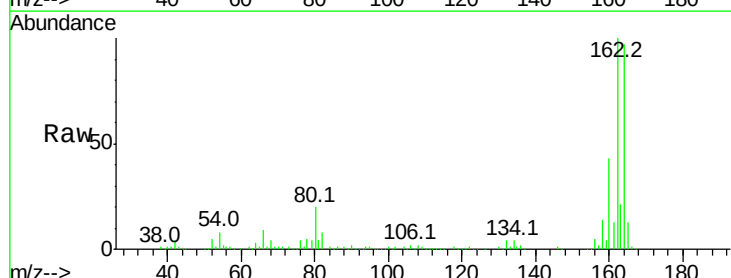
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

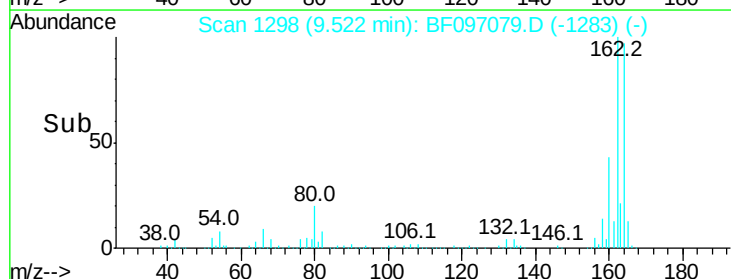
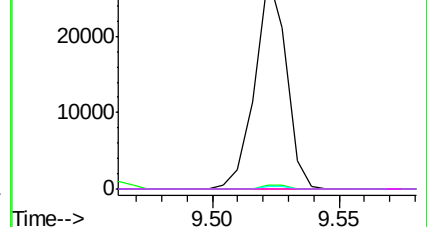


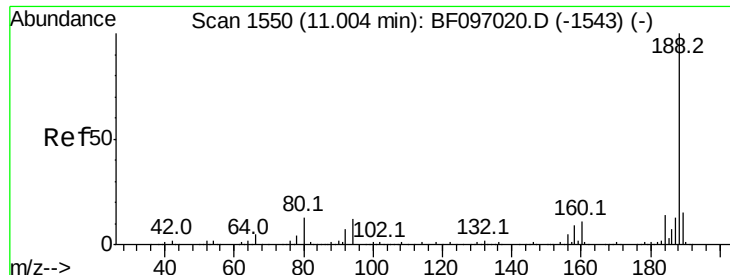
Abundance Ion 165.00 (164.70 to 165.70): E

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

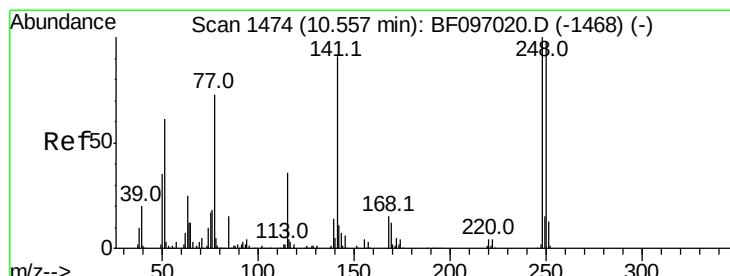
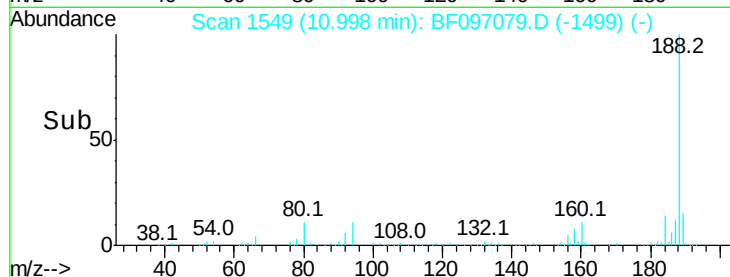
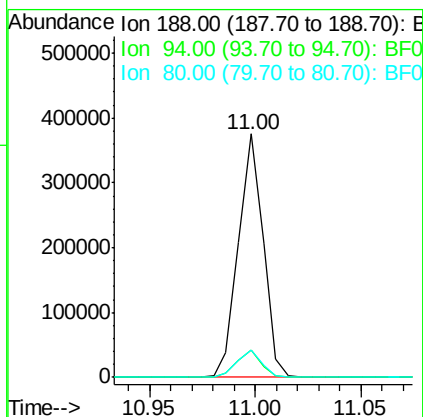
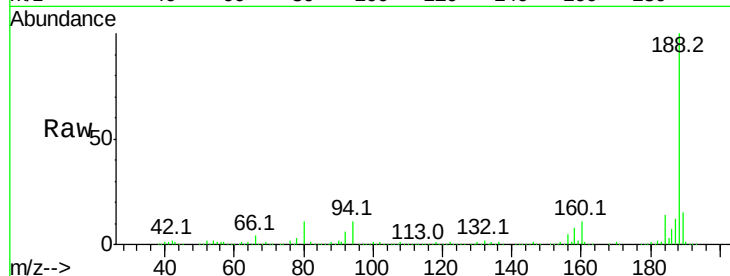




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097079.D
 Acq: 26 Jul 2017 17:04

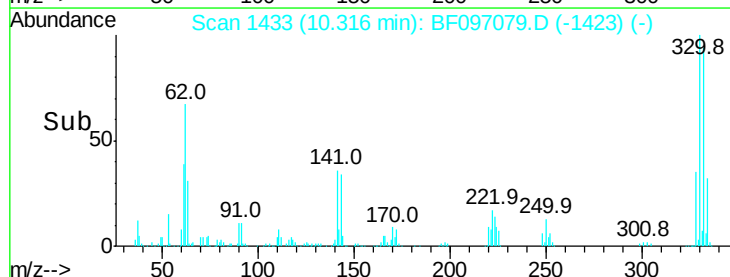
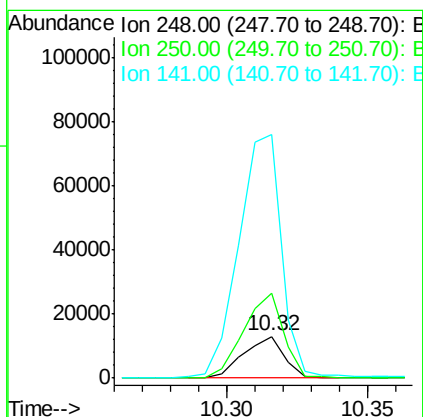
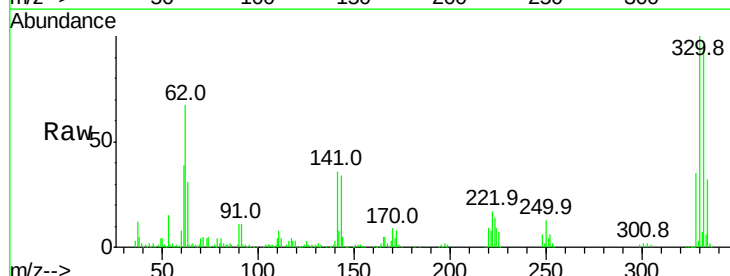
Instrument :
 BNA_F
 ClientSampleId :

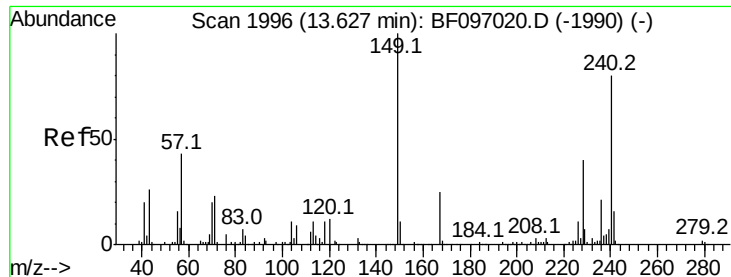
Tot Ion:188 Resp: 304077
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.2 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 4.249 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF097079.D
 Acq: 26 Jul 2017 17:04

Tgt Ion:248 Resp: 12893
 Ion Ratio Lower Upper
 248 100
 250 203.2 76.8 115.2#
 141 580.0 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

Instrument :

BNA_F

ClientSampled :

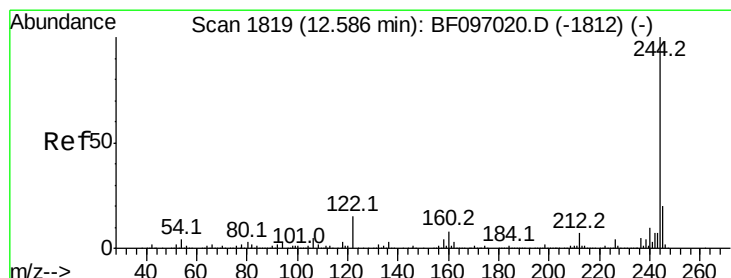
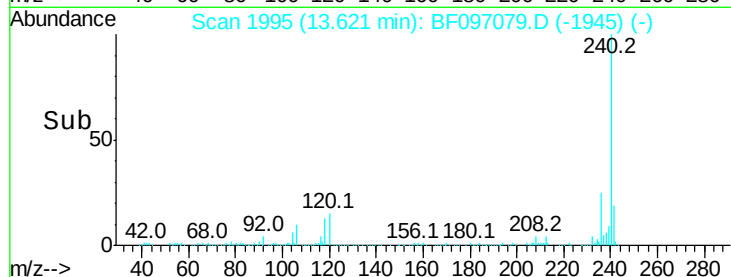
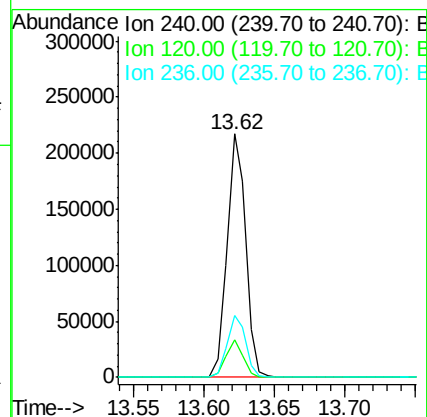
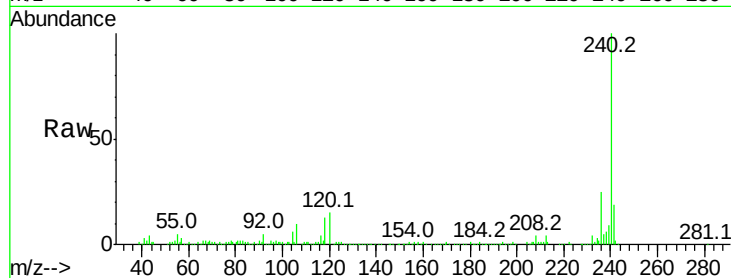
Tot Ion:240 Resp: 197990

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

236 25.3 20.5 30.7



#78

Terphenyl-d14

Concen: 57.298 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097079.D

Acq: 26 Jul 2017 17:04

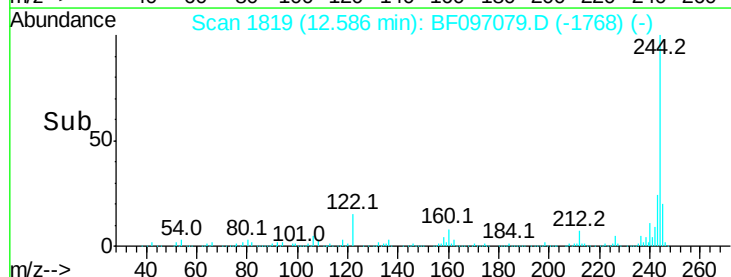
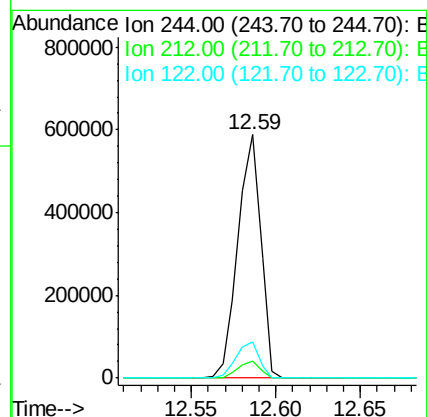
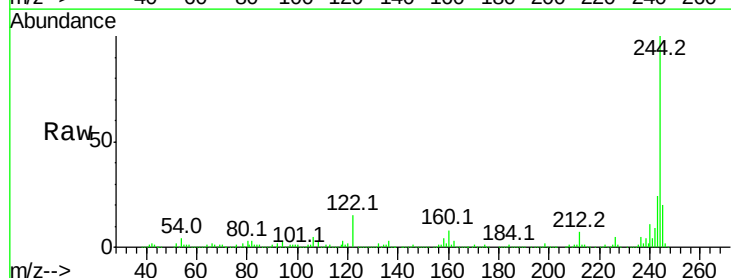
Tgt Ion:244 Resp: 556409

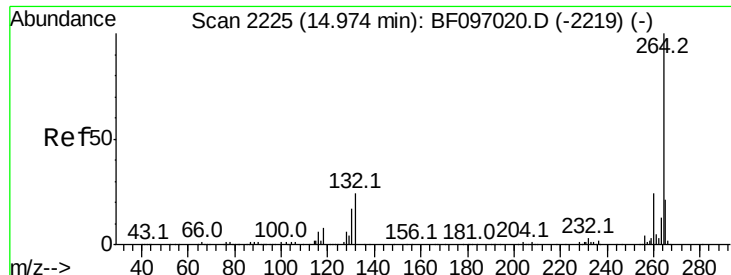
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 15.0 10.3 15.5

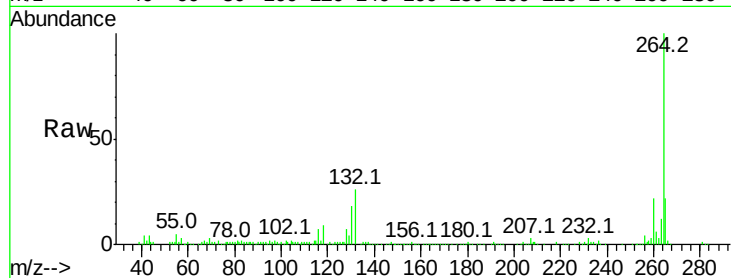




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097079.D
 Acq: 26 Jul 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	22.3	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

