

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097168.D
 Acq On : 28 Jul 2017 21:54
 Operator : SJ/JU
 Sample : I4473-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-286-280

Quant Time: Jul 28 22:44:26 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

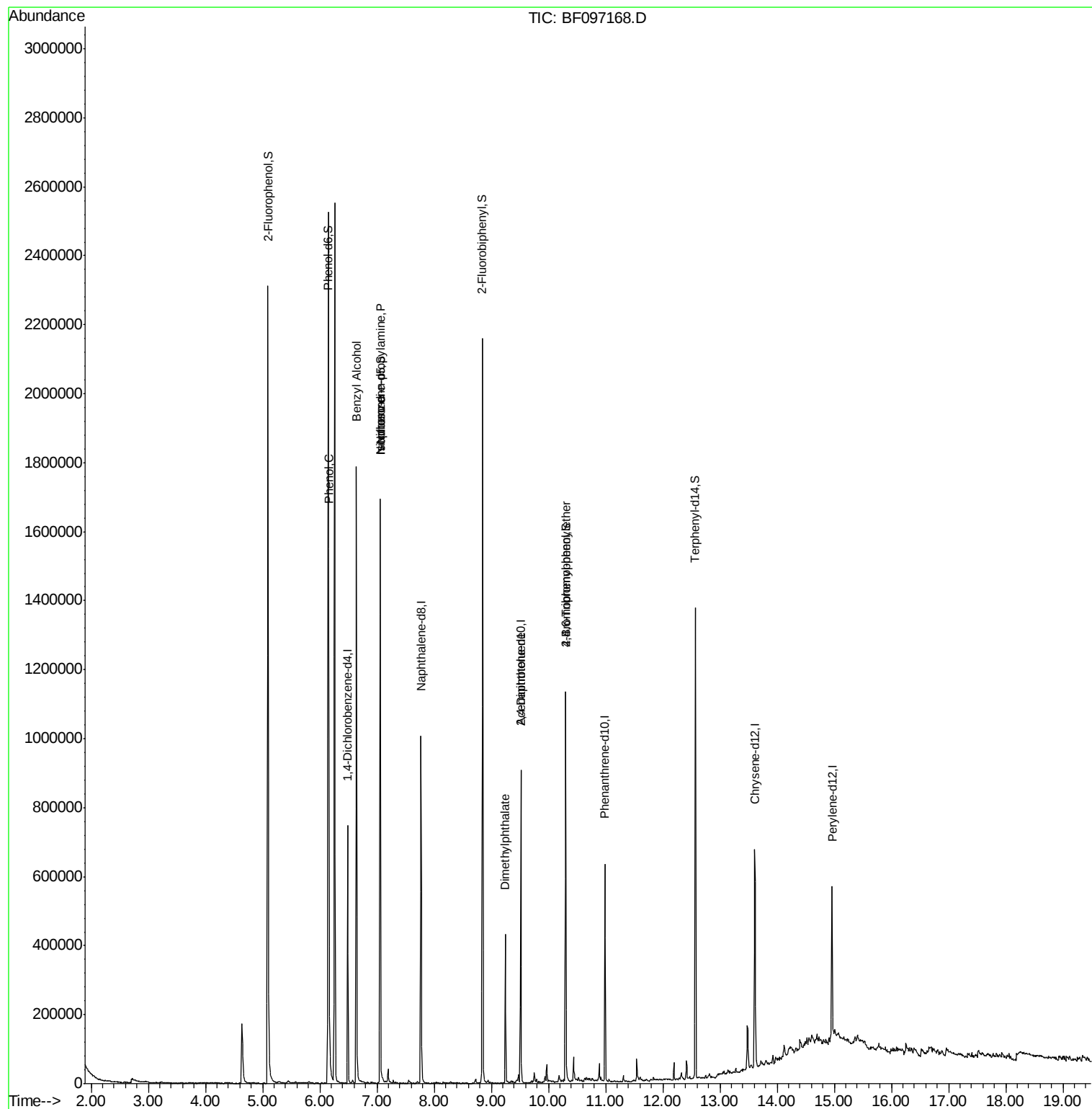
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	99188	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	422679	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	171154	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	208239	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	202432	20.00	ng	-0.02
86) Perylene-d12	14.96	264	173859	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	738984	112.31	ng	0.00
7) Phenol-d6	6.15	99	914370	121.73	ng	-0.02
23) Nitrobenzene-d5	7.06	82	507725	70.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	121495	89.84	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	720707	71.46	ng	-0.02
78) Terphenyl-d14	12.57	244	440772	44.39	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	45948	5.16	ng	Qvalue 95
15) Benzyl Alcohol	6.64	79	9654	2.03	ng	# 35
19) n-Nitroso-di-n-propylamine	7.06	70	67239	13.60	ng	# 87
25) Isophorone	7.06	82	503159	35.66	ng	# 67
49) Dimethylphthalate	9.25	163	155085	11.93	ng	99
56) 2,4-Dinitrotoluene	9.52	165	21479	6.78	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	8201	3.95	ng	# 1

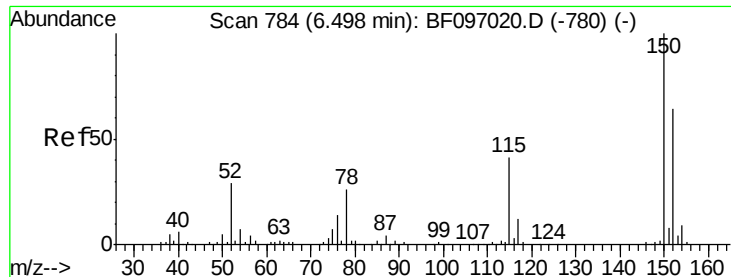
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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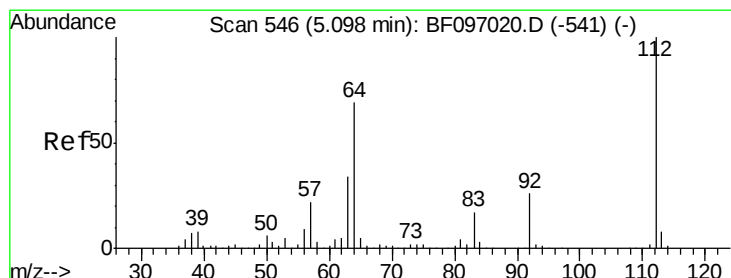
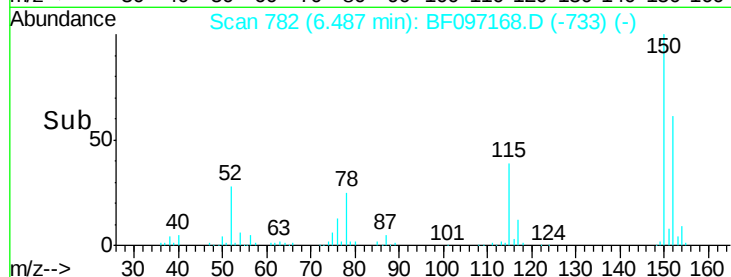
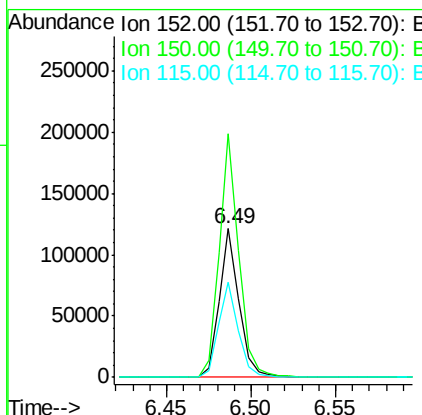
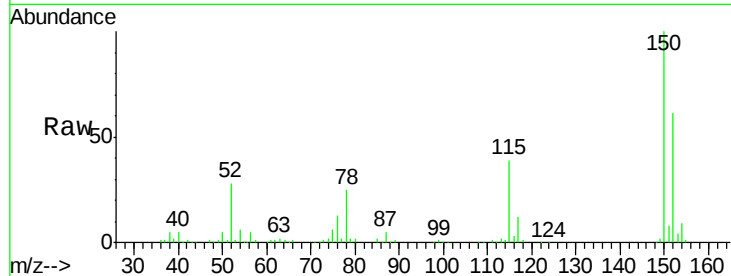


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-286-280

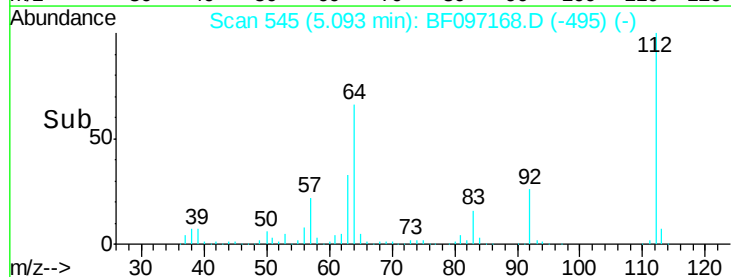
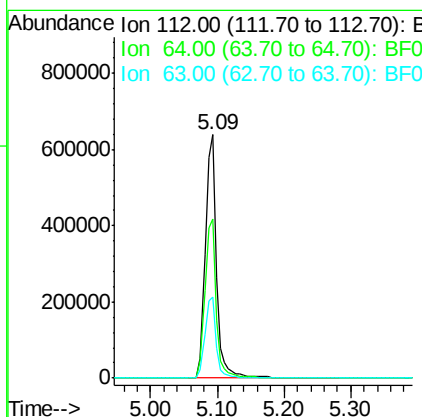
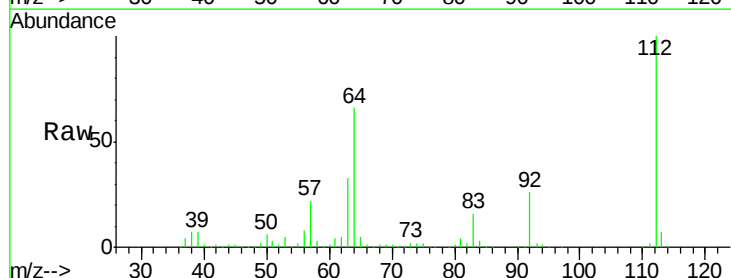
Tot Ion:152 Resp: 99188
 Ion Ratio Lower Upper
 152 100
 150 163.7 126.2 189.2
 115 63.6 52.2 78.2

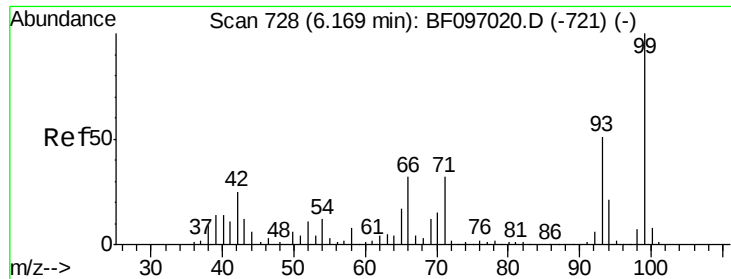


#5

2-Fluorophenol
 Concen: 112.31 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

Tgt Ion:112 Resp: 738984
 Ion Ratio Lower Upper
 112 100
 64 65.5 46.0 69.0
 63 33.1 23.4 35.0





#7

Phenol-d6

Concen: 121.73 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

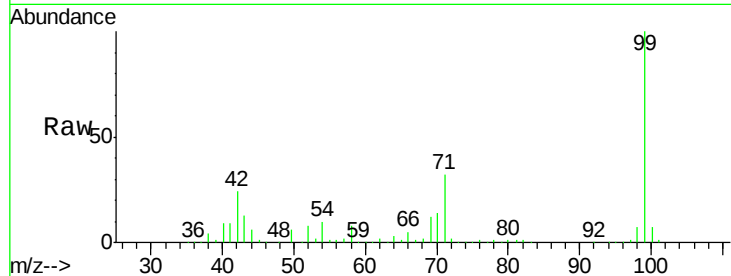
Tot Ion: 99 Resp: 914370

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

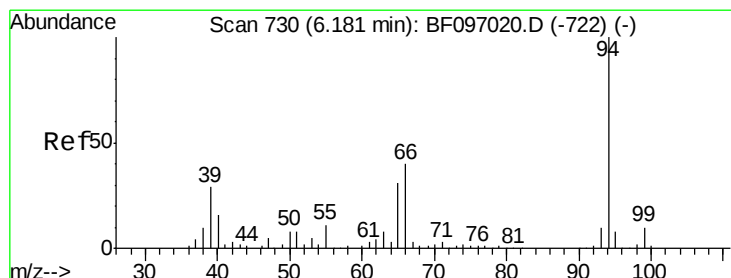
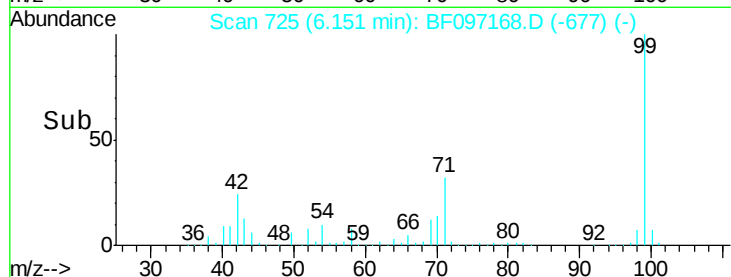
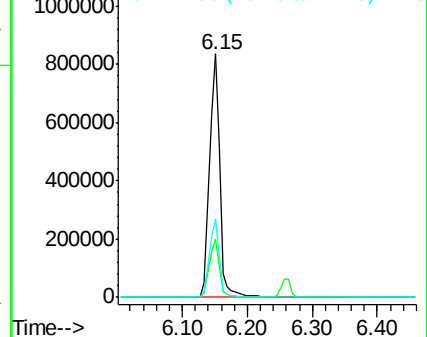
71 32.4 24.5 36.7



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: 5.16 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

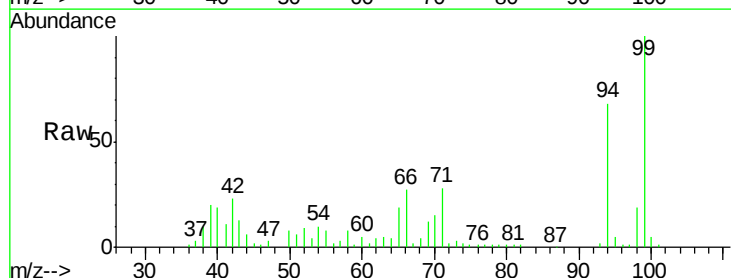
Tgt Ion: 94 Resp: 45948

Ion Ratio Lower Upper

94 100

65 27.9 9.9 49.9

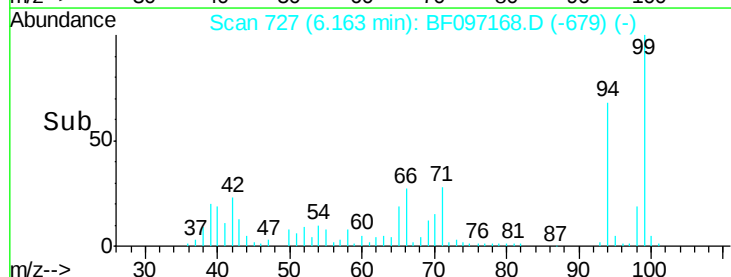
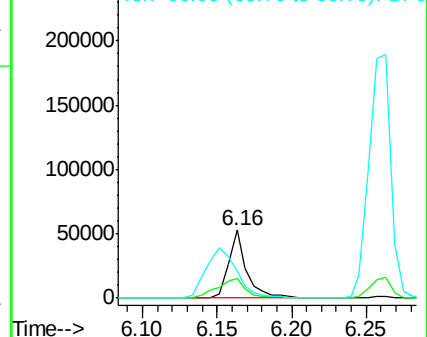
66 39.5 23.1 63.1

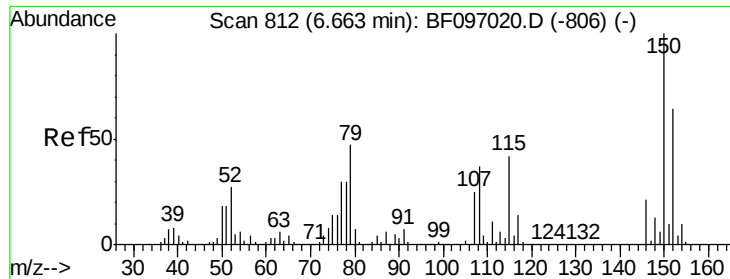


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

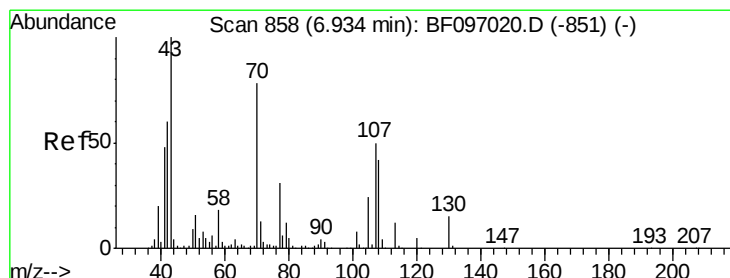
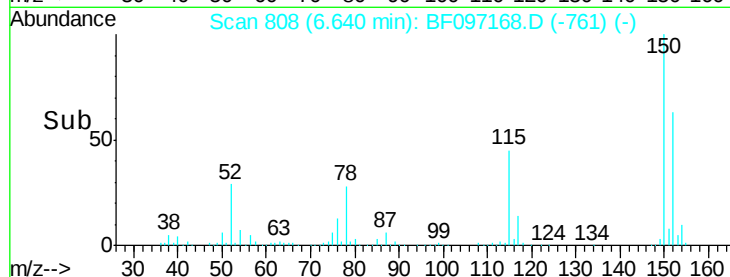
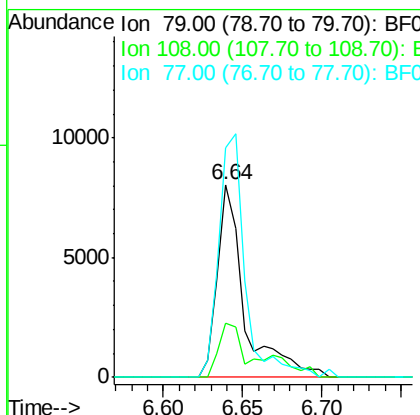
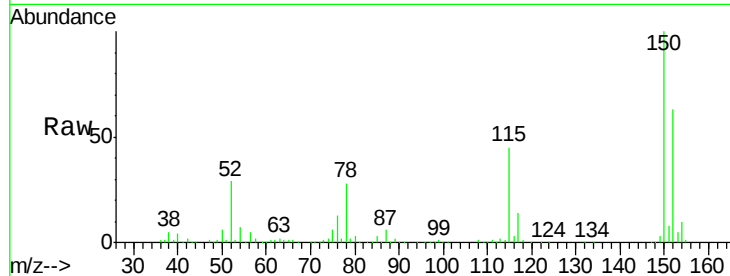




#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.64 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

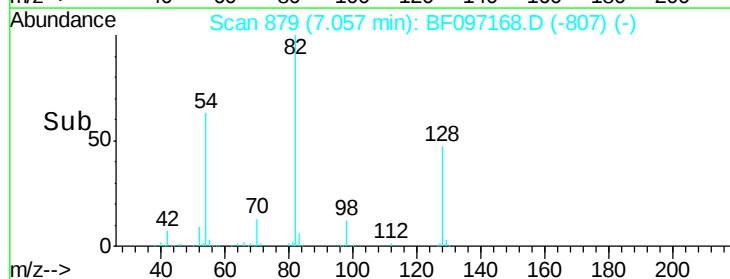
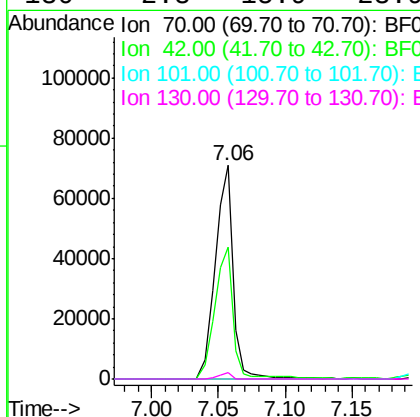
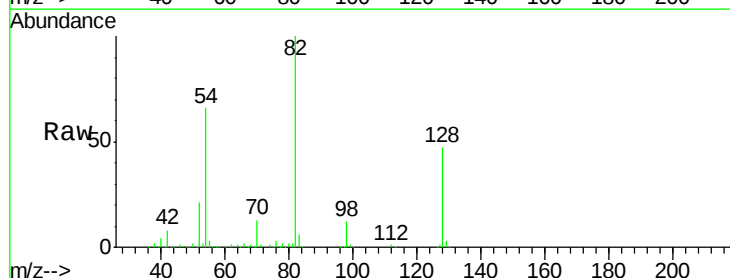
Instrument :
BNA_F
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VNJ-202-286-280

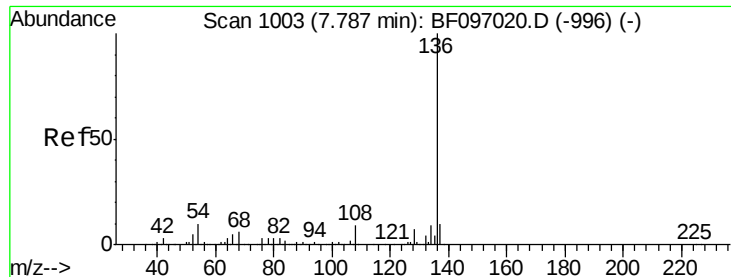
Tot Ion: 79 Resp: 9654
Ion Ratio Lower Upper
79 100
108 28.3 63.4 95.0#
77 118.6 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.60 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Tgt Ion: 70 Resp: 67239
Ion Ratio Lower Upper
70 100
42 61.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#

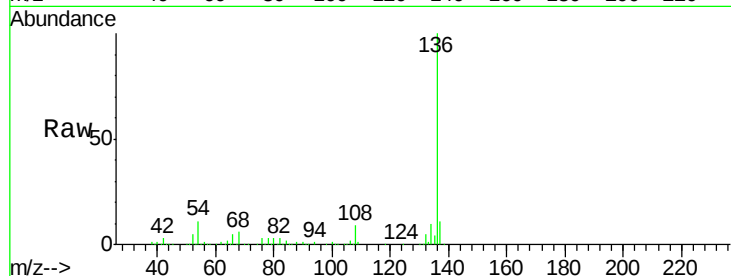




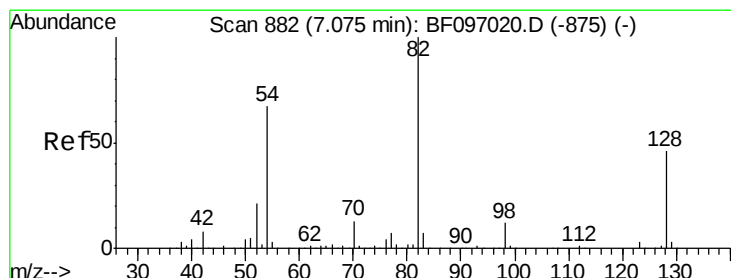
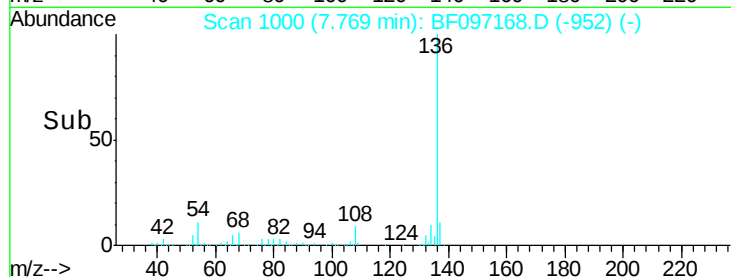
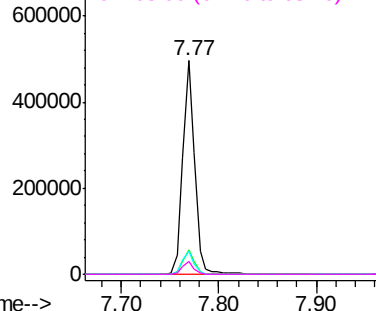
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Instrument :
BNA_F
ClientSampleId :
VNJ-202-286-280

Tot Ion:136	Resp:	422679
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.5 12.7
54	10.5	4.9 7.3#
68	5.9	4.1 6.1

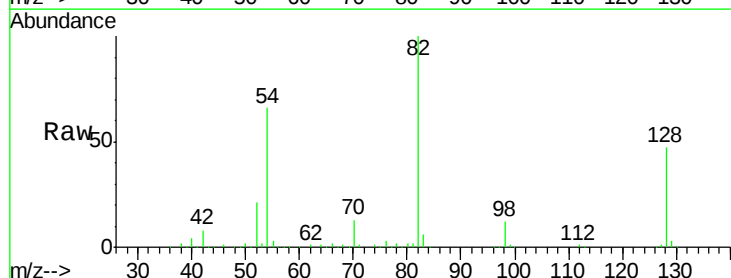


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

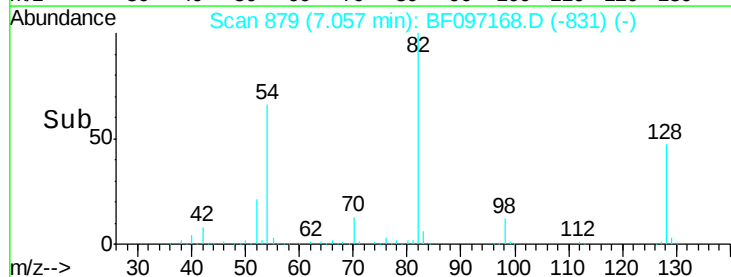
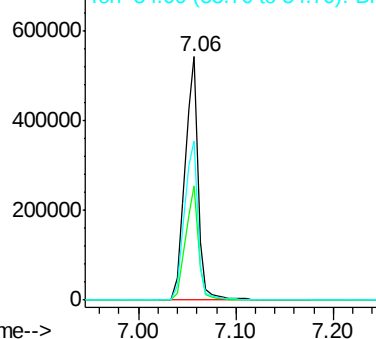


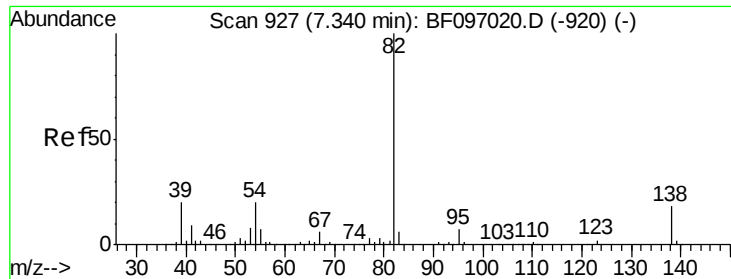
#23
Nitrobenzene-d5
Concen: 70.47 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Tgt Ion: 82	Resp:	507725
Ion	Ratio	Lower Upper
82	100	
128	46.9	34.0 51.0
54	65.6	42.2 63.2#



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





#25

Isophorone

Concen: 35.66 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

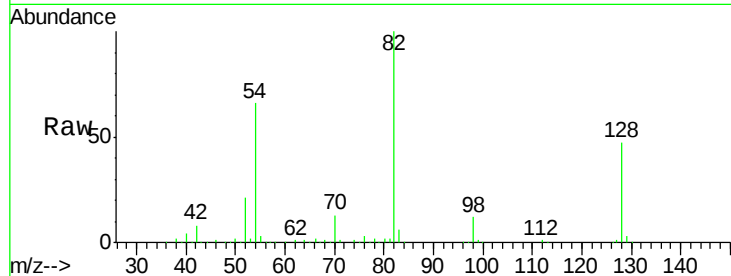
Tot Ion: 82 Resp: 503159

Ion Ratio Lower Upper

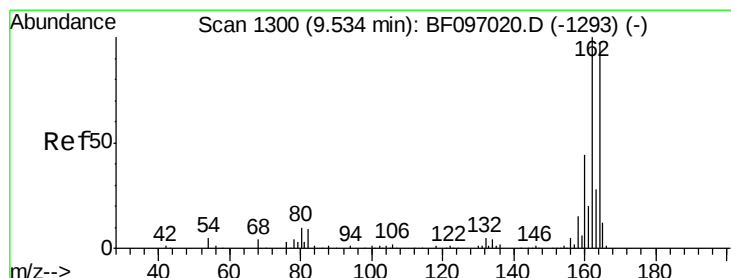
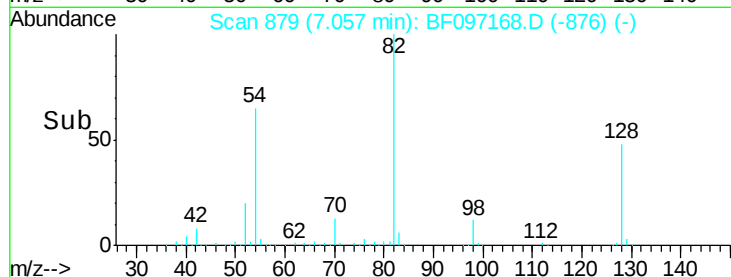
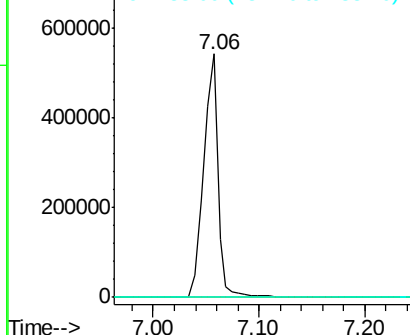
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

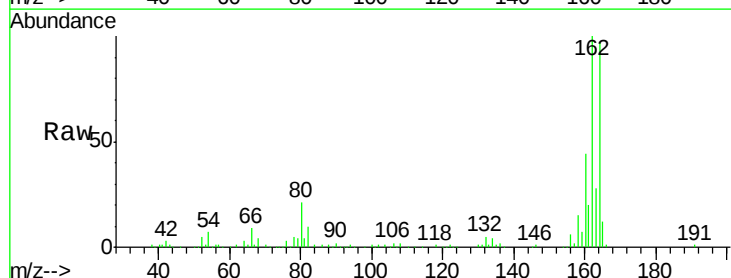
Tgt Ion: 164 Resp: 171154

Ion Ratio Lower Upper

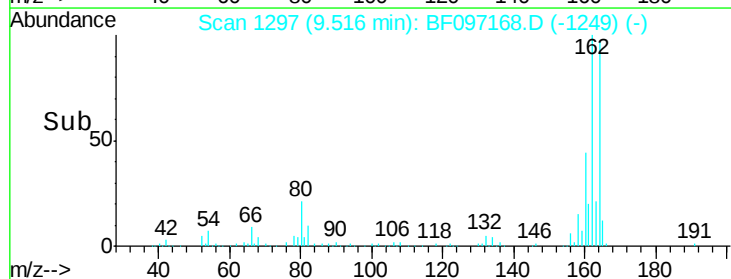
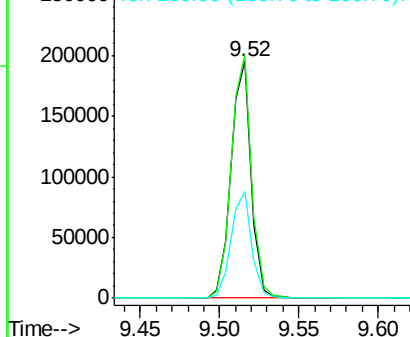
164 100

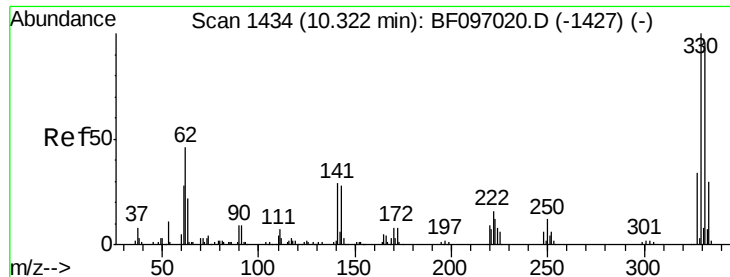
162 102.8 82.6 123.8

160 44.7 36.2 54.2



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

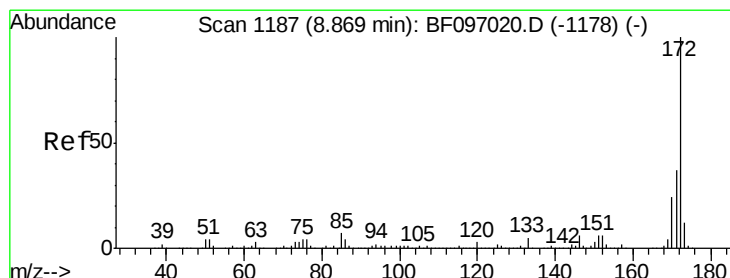
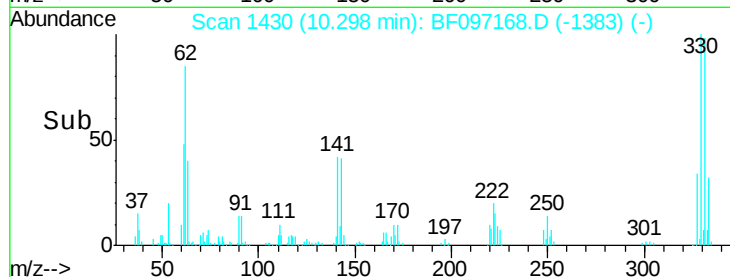
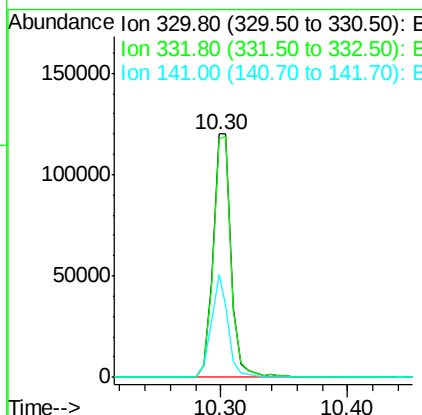
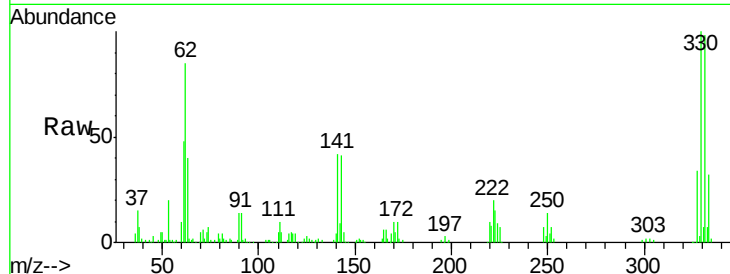




#41
 2,4,6-Tribromophenol
 Concen: 89.84 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

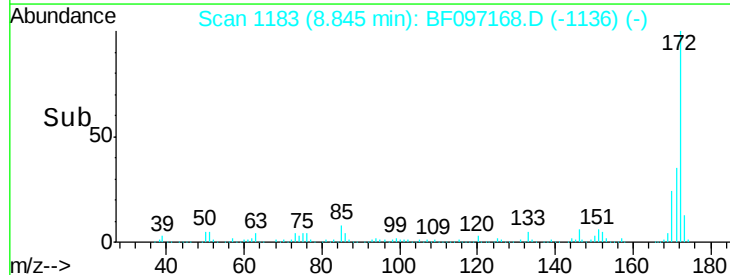
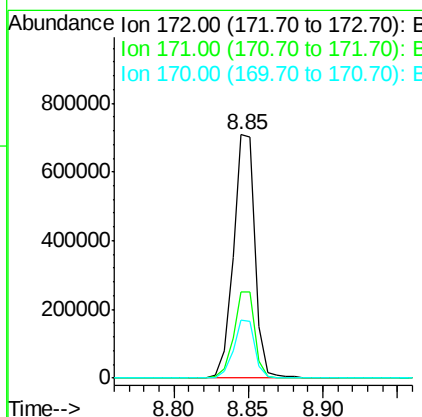
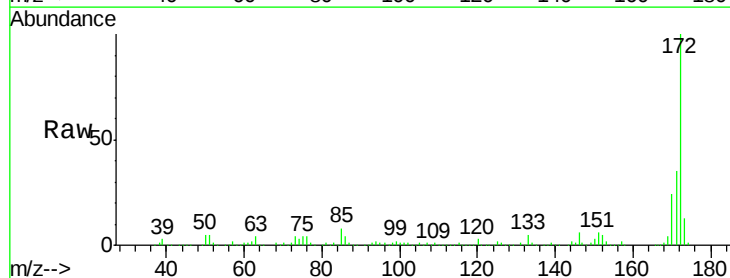
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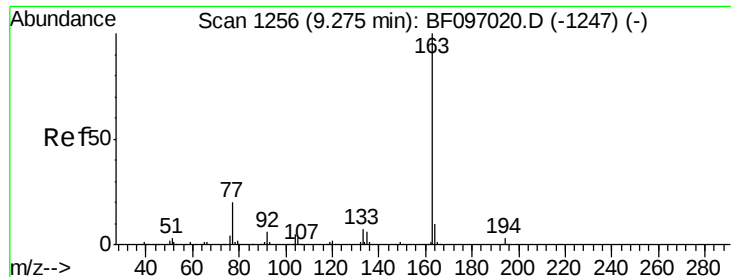
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	38.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 71.46 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.0	19.8	29.8

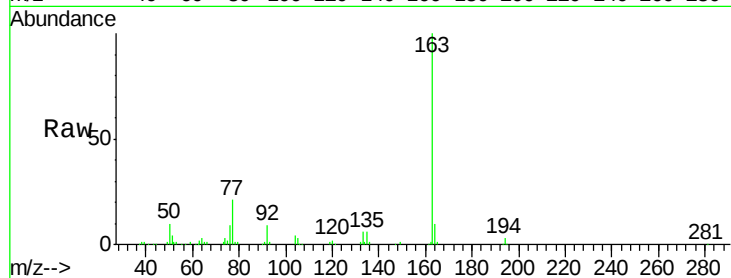




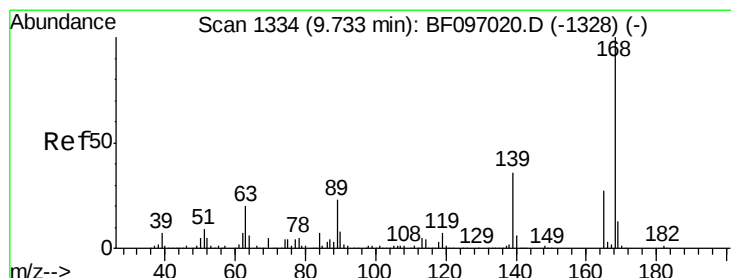
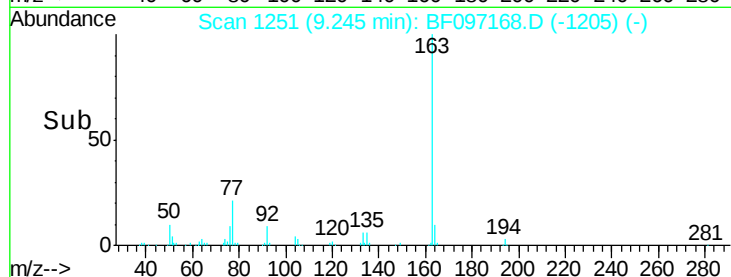
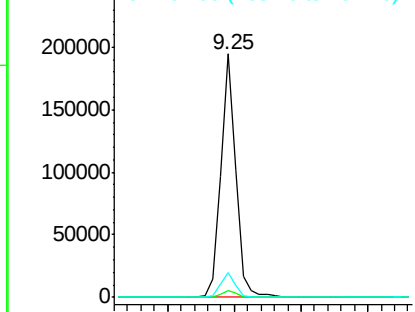
#49
Dimethylphthalate
Concen: 11.93 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Instrument :
BNA_F
ClientSampleId :
VNJ-202-286-280

Tot Ion:163 Resp: 155085
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.3 8.4 12.6

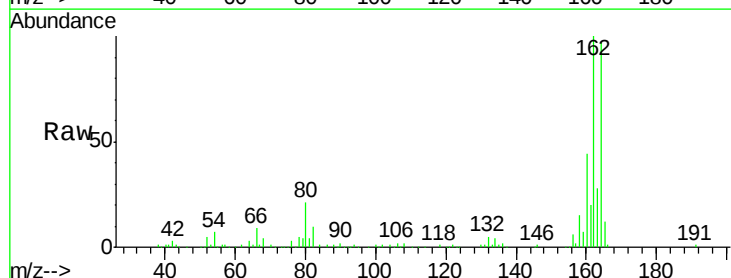


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

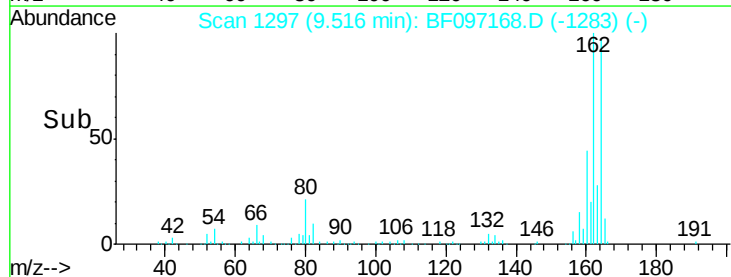
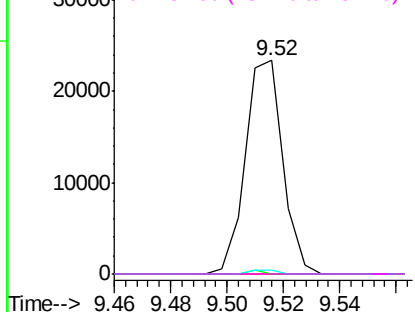


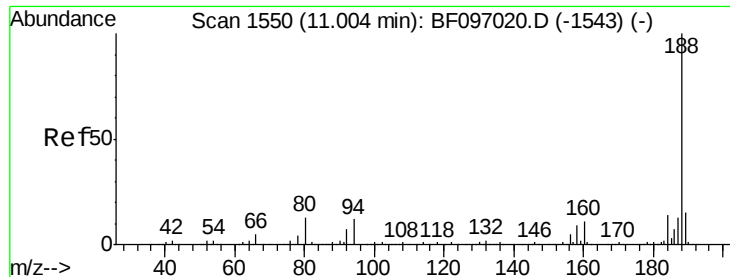
#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Tgt Ion:165 Resp: 21479
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 2.1 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

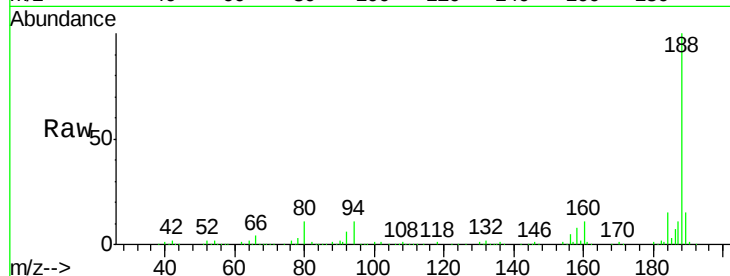




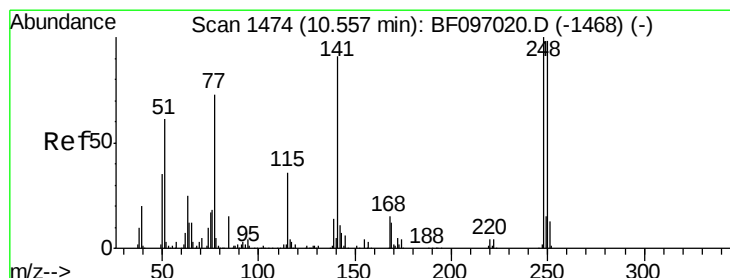
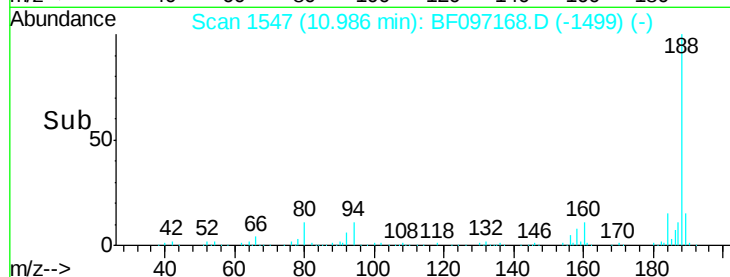
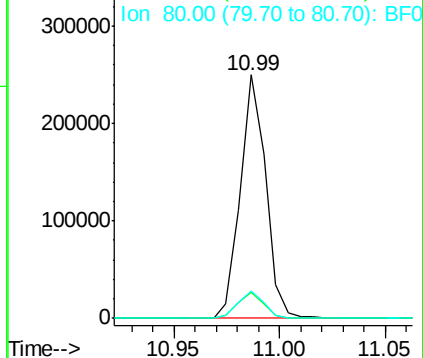
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Instrument :
BNA_F
ClientSampleId :
VNJ-202-286-280

Tot Ion:188 Resp: 208239
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.4 10.2 15.2

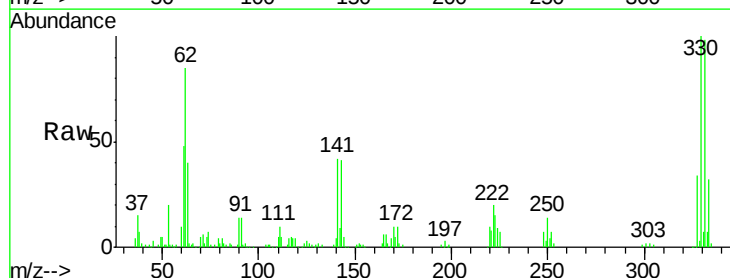


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

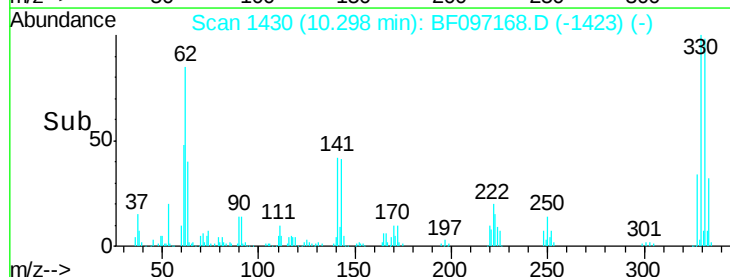
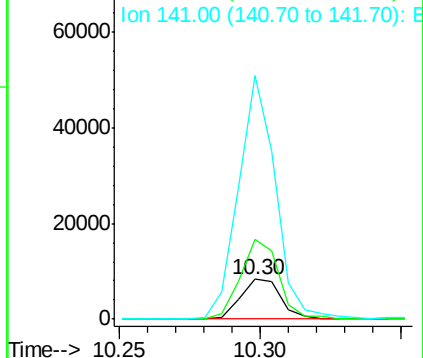


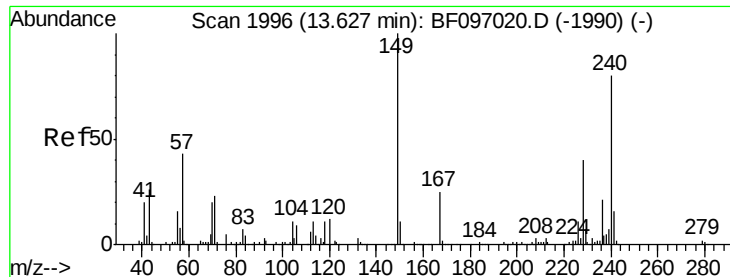
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Tgt Ion:248 Resp: 8201
Ion Ratio Lower Upper
248 100
250 201.1 76.8 115.2#
141 611.3 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: 20.00 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

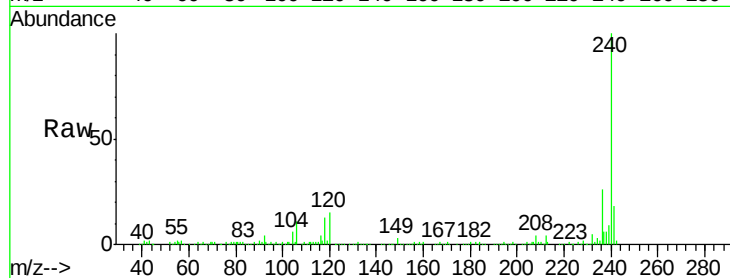
Tot Ion:240 Resp: 202432

Ion Ratio Lower Upper

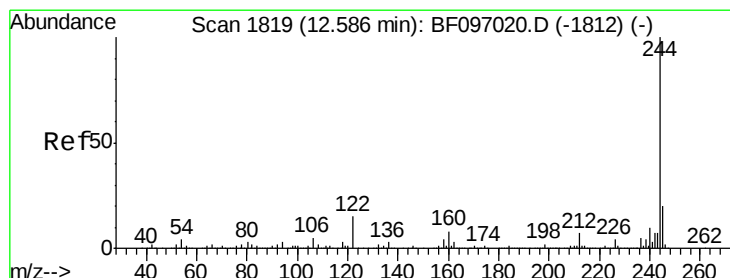
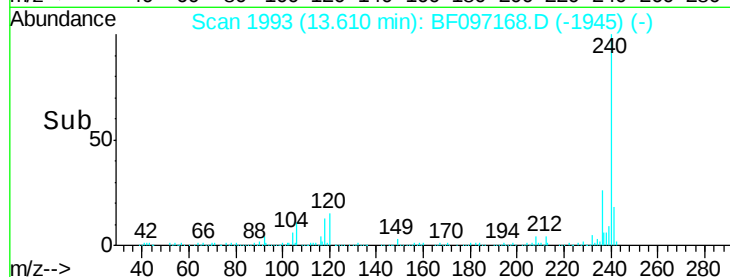
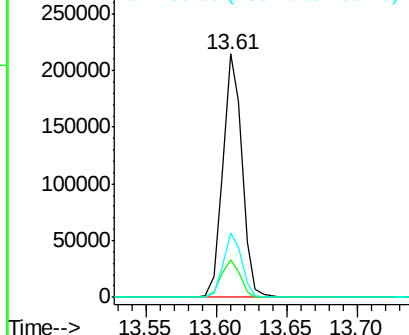
240 100

120 15.2 5.8 8.8#

236 26.2 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: 44.39 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

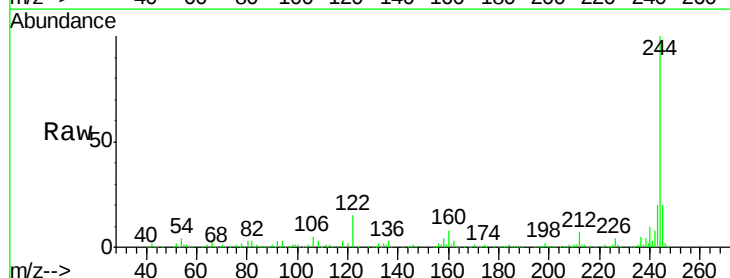
Tgt Ion:244 Resp: 440772

Ion Ratio Lower Upper

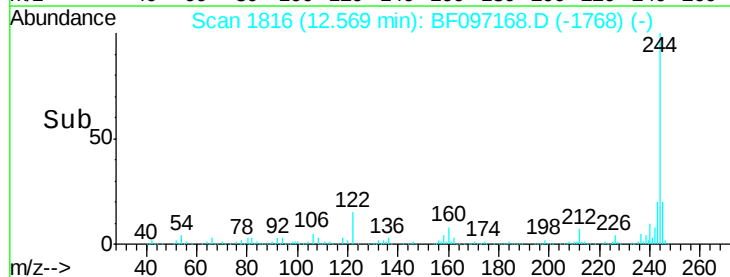
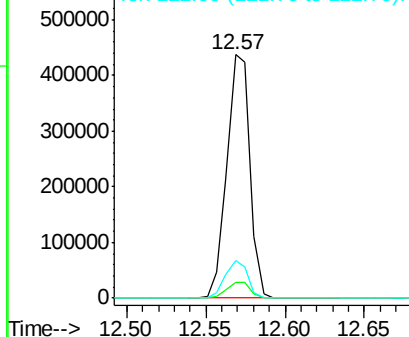
244 100

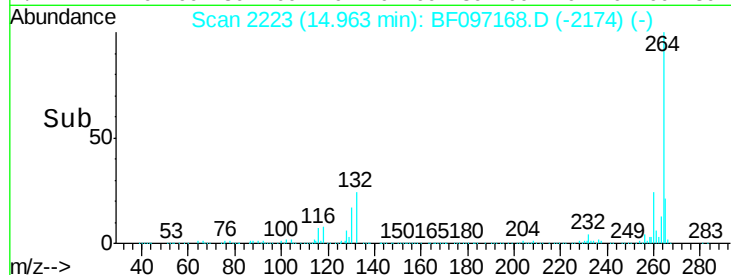
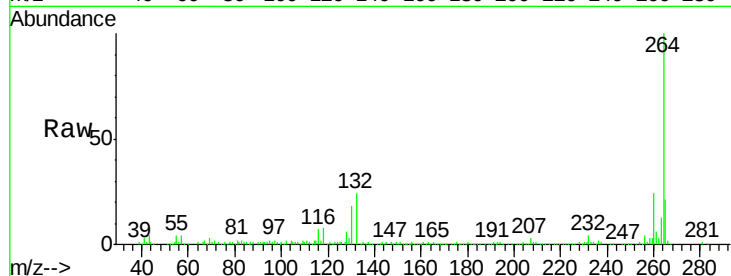
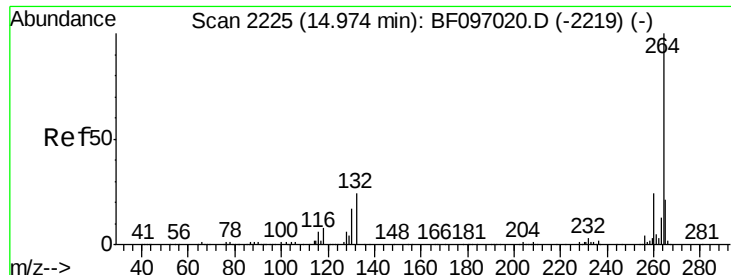
212 6.5 6.0 9.0

122 15.3 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
Pervlene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Instrument :
BNA_F
ClientSampleId :
VNJ-202-286-280

Tot Ion:	264	Resp:	173859
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.8	17.2	25.8

