

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098369.D
 Acq On : 8 Sep 2017 23:54
 Operator : SJ/JU
 Sample : I5124-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF

Quant Time: Sep 09 02:44:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	94832	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	286208	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	117474	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	209821	20.00	ng	0.00
75) Chrysene-d12	13.86	240	167424	20.00	ng	0.00
86) Perylene-d12	15.26	264	116460	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	228812	36.70	ng	-0.01
7) Phenol-d6	6.39	99	153320	18.10	ng	0.04
23) Nitrobenzene-d5	7.26	82	516937	98.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	86444	84.81	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	693886	86.78	ng	-0.02
78) Terphenyl-d14	12.80	244	531476	66.20	ng	0.00

Target Compounds

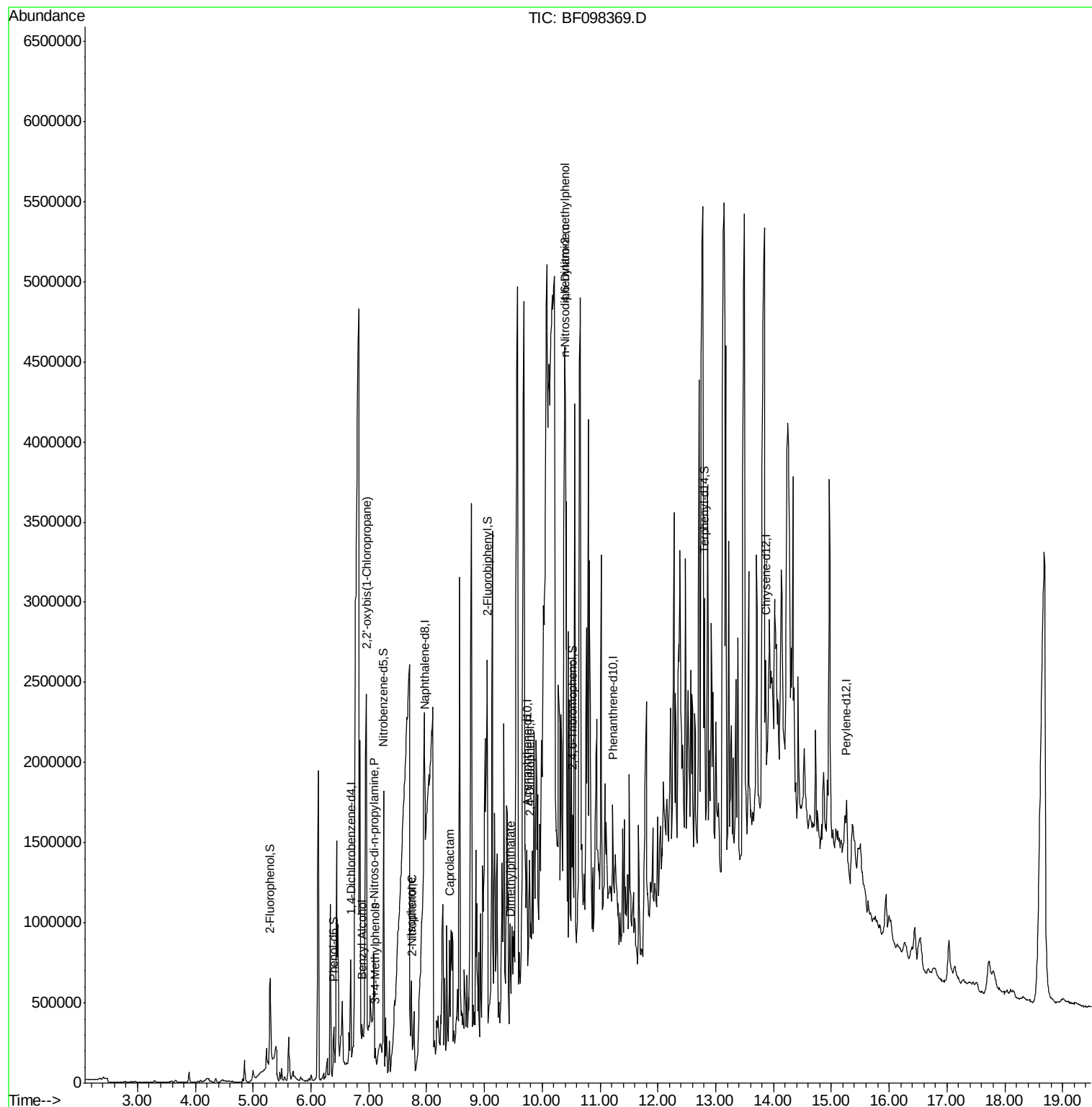
						Qvalue
15) Benzyl Alcohol	6.88	79	15929	2.512	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	119124	11.840	ng	70
19) n-Nitroso-di-n-propylamine	7.09	70	31986	5.516	ng	# 50
20) 3+4-Methylphenols	7.12	107	24014	3.393	ng	# 61
25) Isophorone	7.73	82	34193	3.121	ng	# 69
26) 2-Nitrophenol	7.75	139	268	5.370	ng	# 1
35) Caprolactam	8.39	113	9990	7.748	ng	# 1
49) Dimethylphthalate	9.45	163	36591	4.261	ng	# 99
53) 2,4-Dinitrophenol	9.78	184	1675	11.936	ng	# 73
64) 4,6-Dinitro-2-methylphenol	10.39	198	1107	9.246	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	26822	3.754	ng	# 8

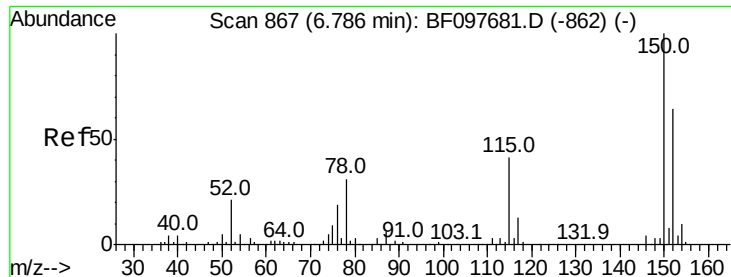
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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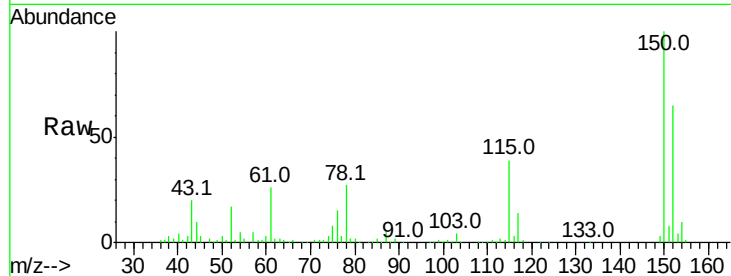


#1

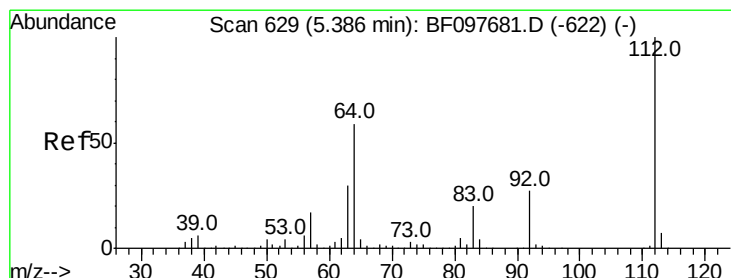
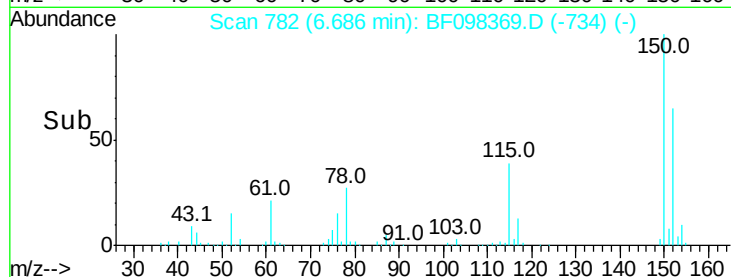
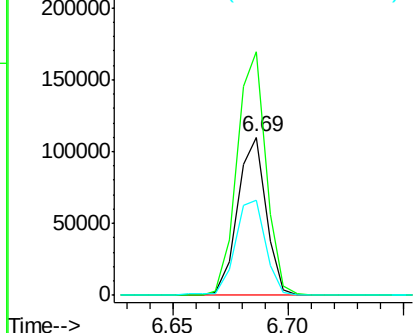
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
EFF

Tot Ion:152 Resp: 94832
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 60.3 52.2 78.2



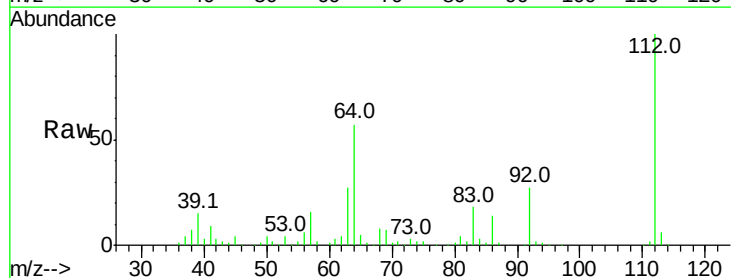
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



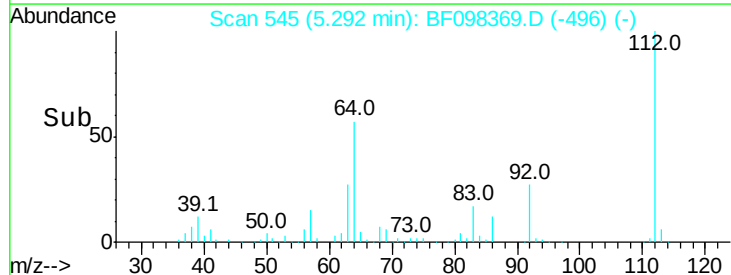
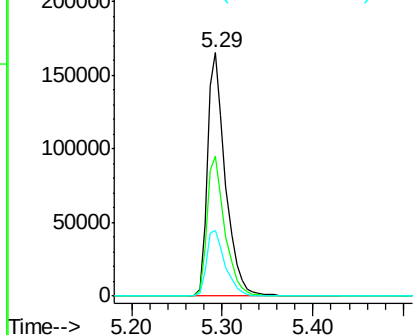
#5

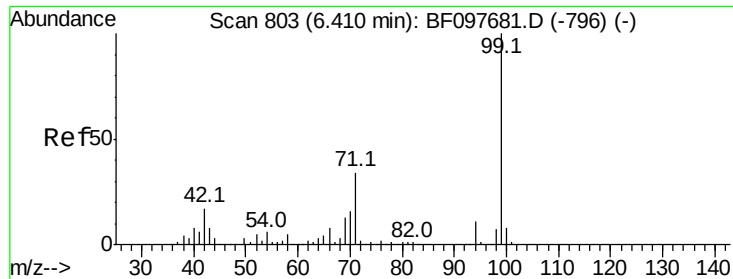
2-Fluorophenol
Concen: 36.701 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Tgt Ion:112 Resp: 228812
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 27.2 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: 18.099 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.04 min

Lab File: BF098369.D

Acq: 8 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

EFF

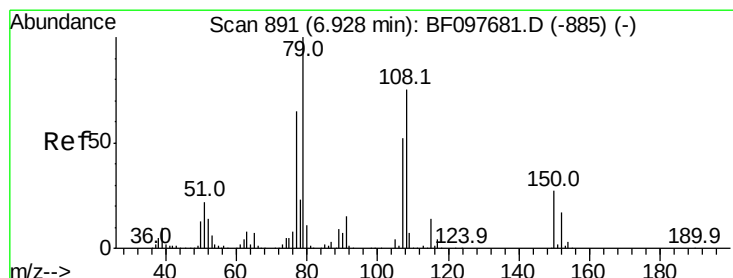
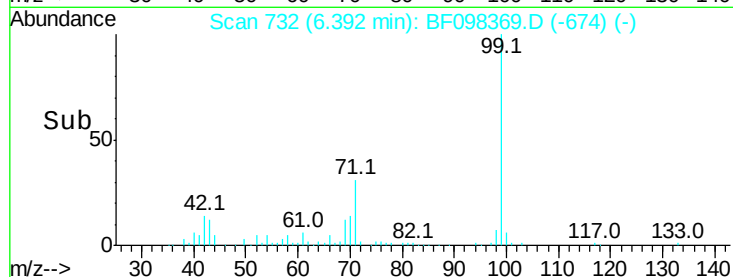
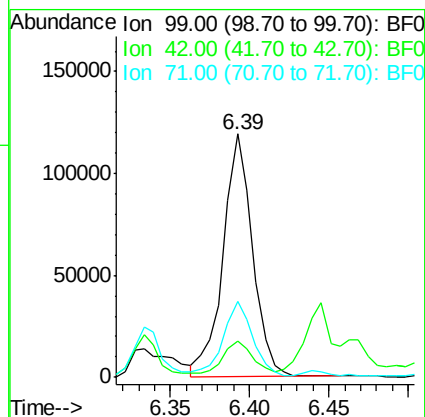
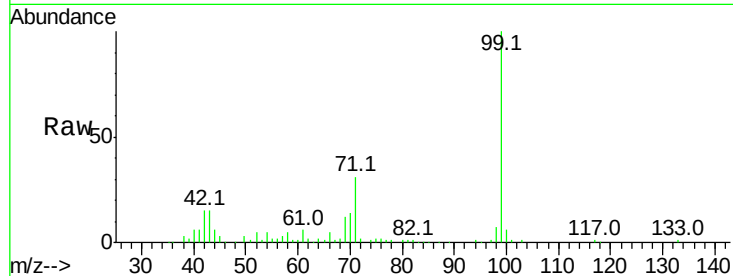
Tot Ion: 99 Resp: 153320

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

71 31.3 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.512 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.03 min

Lab File: BF098369.D

Acq: 8 Sep 2017 23:54

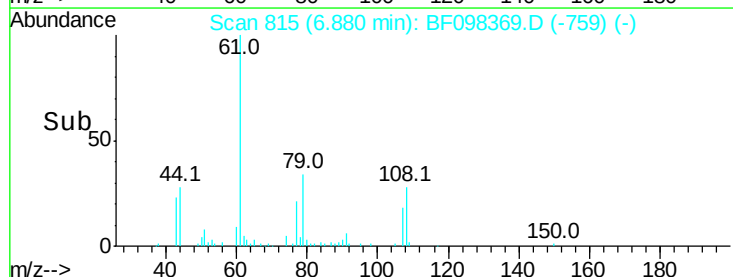
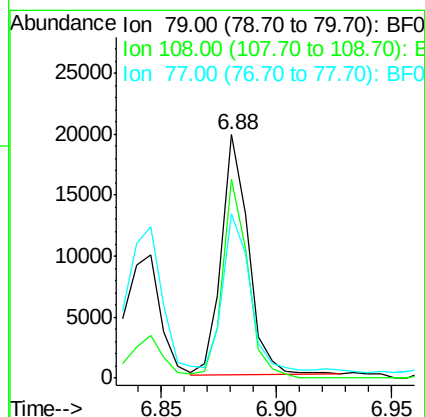
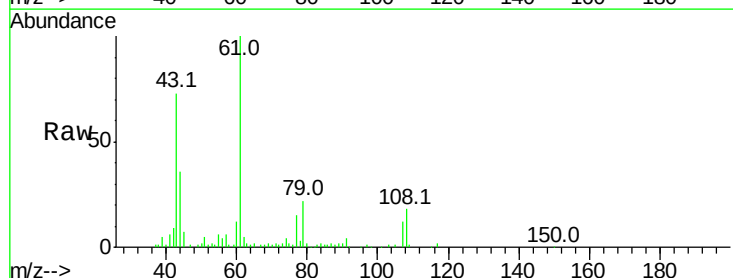
Tgt Ion: 79 Resp: 15929

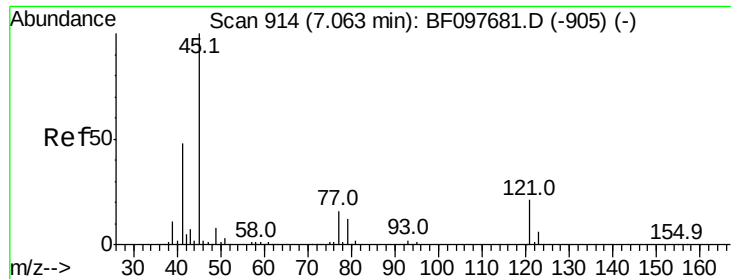
Ion Ratio Lower Upper

79 100

108 81.6 63.4 95.0

77 67.4 49.2 73.8

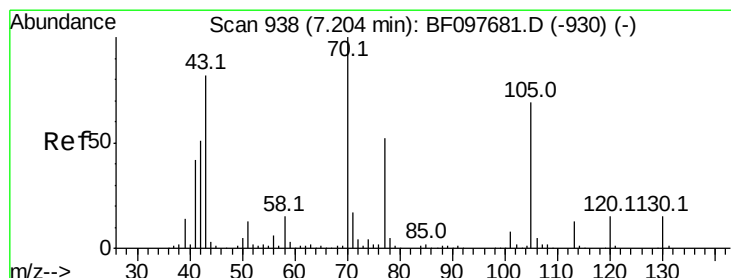
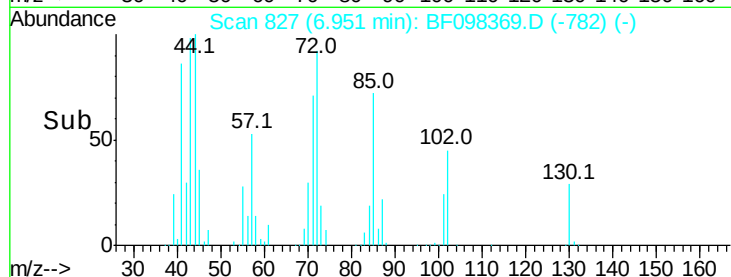
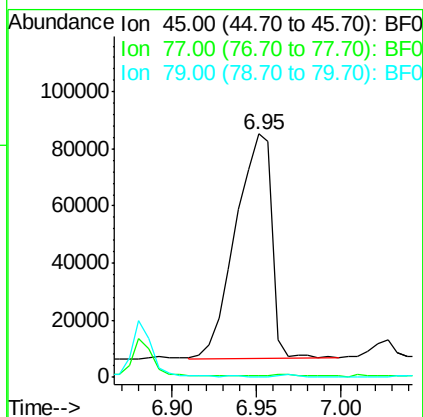
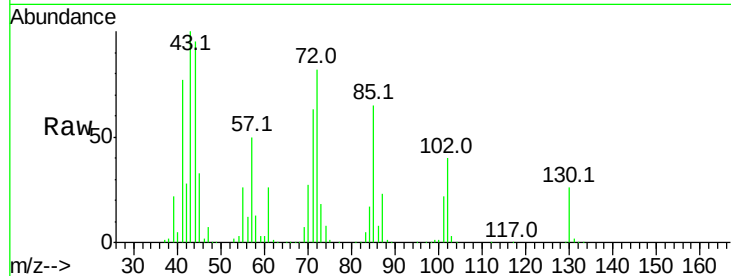




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 11.840 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.04 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

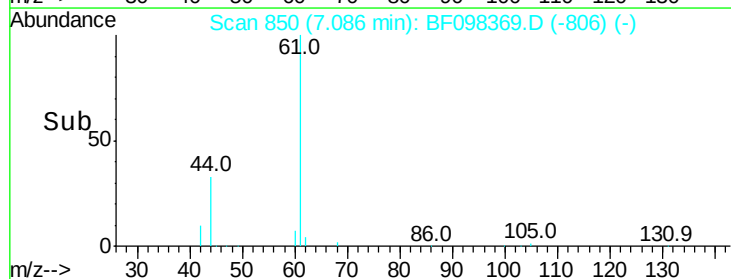
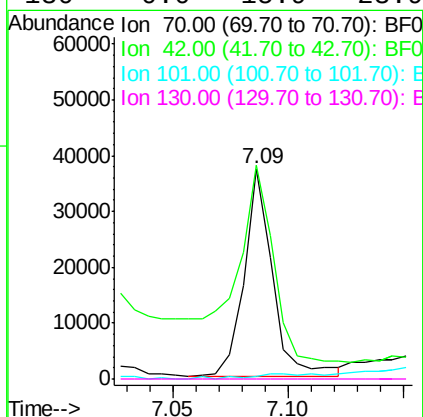
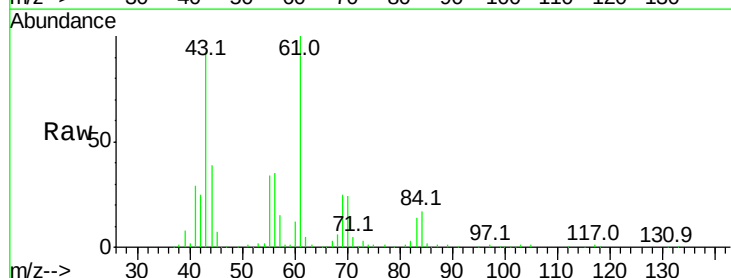
Instrument :
BNA_F
ClientSampled :
EFF

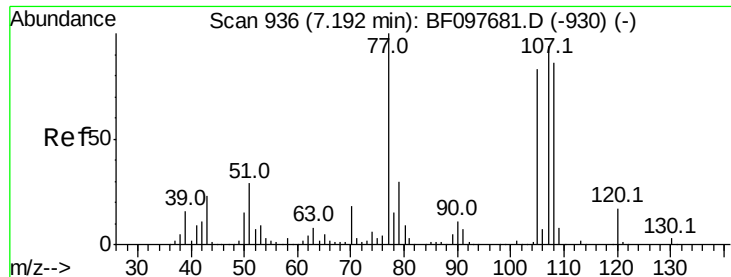
Tot Ion: 45 Resp: 119124
Ion Ratio Lower Upper
45 100
77 0.5 0.0 33.2
79 0.0 0.0 30.0



#19
n-Nitroso-di-n-propylamine
Concen: 5.516 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Tgt Ion: 70 Resp: 31986
Ion Ratio Lower Upper
70 100
42 101.5 47.2 70.8#
101 1.4 7.2 10.8#
130 0.0 15.9 23.9#





#20

3+4-Methylphenols

Concen: 3.393 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF098369.D

Acq: 8 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

EFF

Tot Ion:107 Resp: 24014

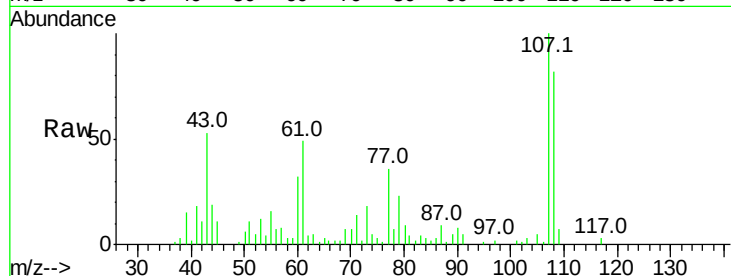
Ion Ratio Lower Upper

107 100

108 82.5 71.0 111.0

77 35.9 90.5 130.5#

79 23.3 8.4 48.4

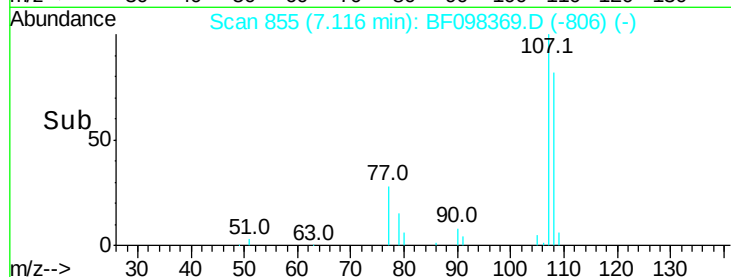


Abundance Ion 107.00 (106.70 to 107.70): E

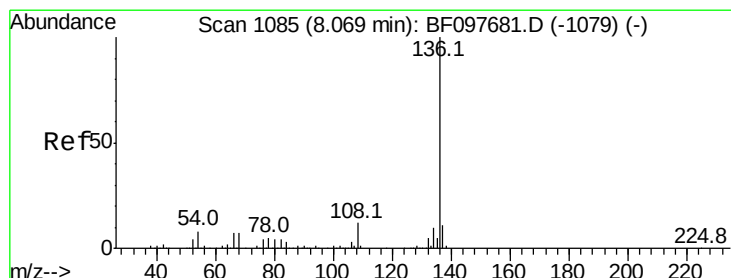
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF098369.D

Acq: 8 Sep 2017 23:54

Tgt Ion:136 Resp: 286208

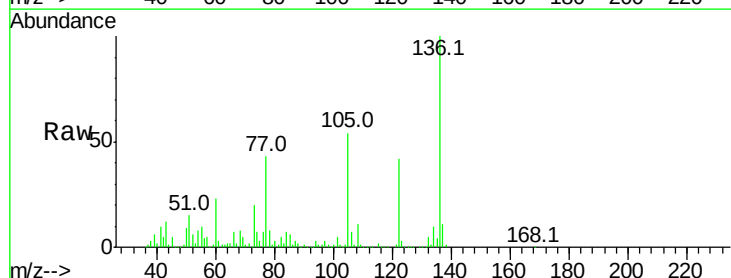
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.9 4.9 7.3#

68 7.7 4.1 6.1#

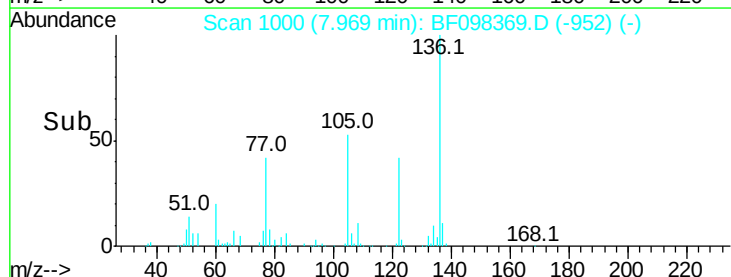


Abundance Ion 136.00 (135.70 to 136.70): E

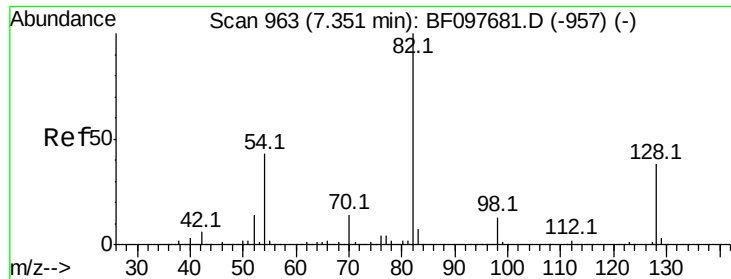
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



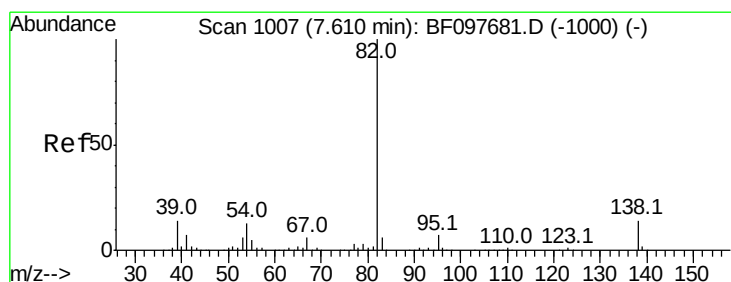
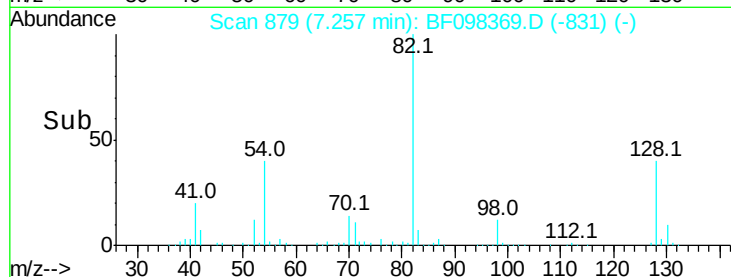
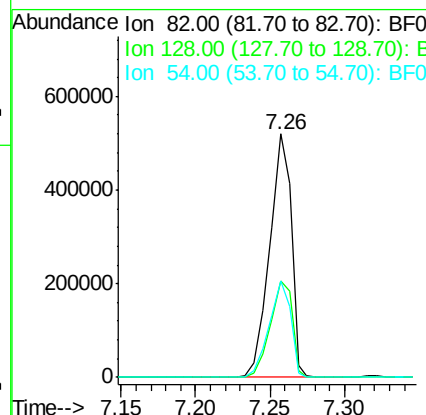
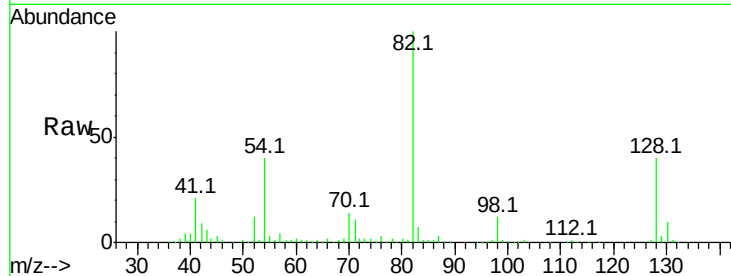
Time-->



#23
 Nitrobenzene-d5
 Concen: 98.119 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098369.D
 Acq: 8 Sep 2017 23:54

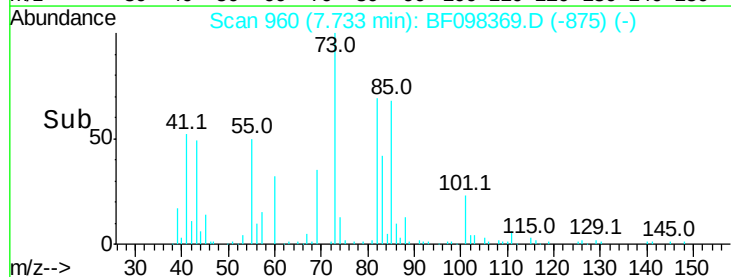
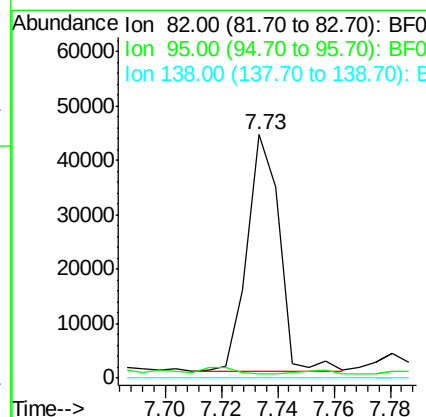
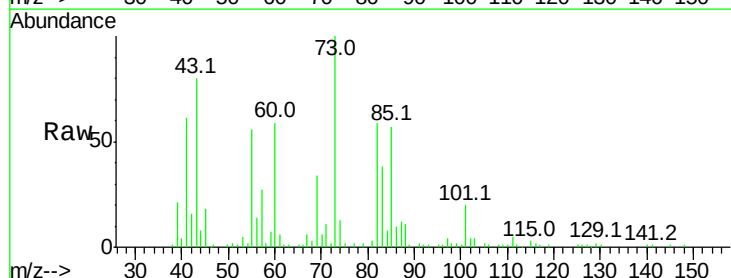
Instrument :
 BNA_F
 ClientSampleId :
 EFF

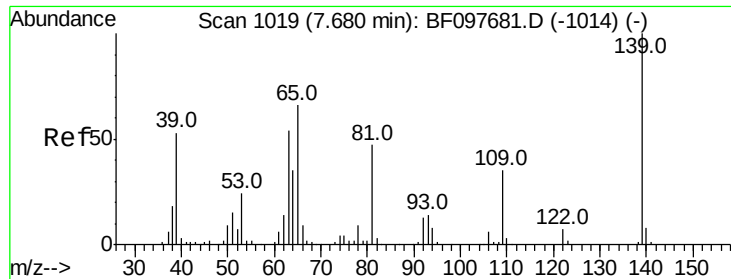
Tot Ion	82	Resp	516937
Ion Ratio	100	Lower	Upper
128	39.7	34.0	51.0
54	39.7	42.2	63.2#



#25
 Isophorone
 Concen: 3.121 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.20 min
 Lab File: BF098369.D
 Acq: 8 Sep 2017 23:54

Tgt Ion	82	Resp	34193
Ion Ratio	100	Lower	Upper
95	1.8	5.3	7.9#
138	0.0	13.1	19.7#

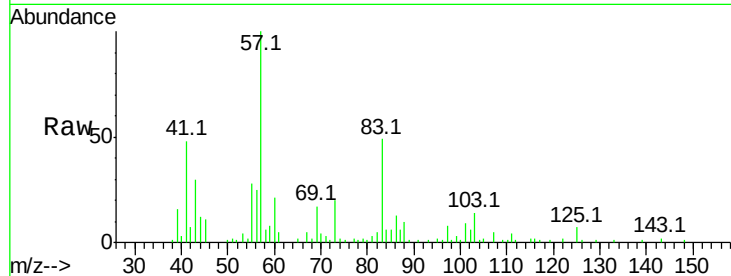




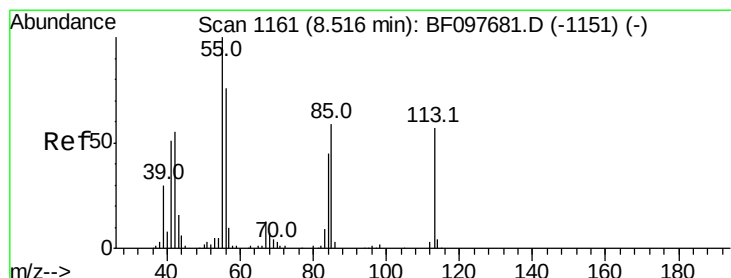
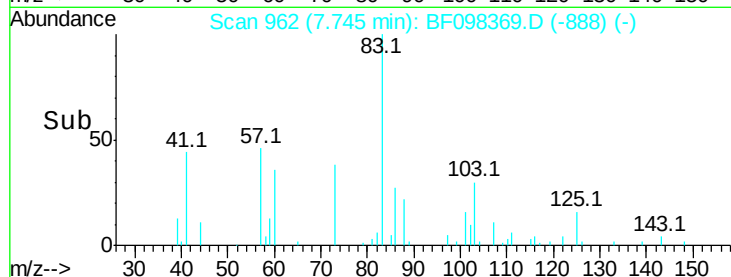
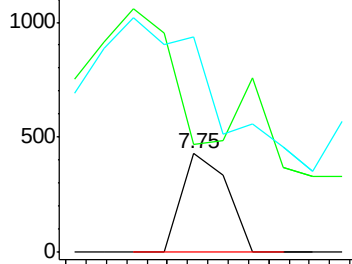
#26
2-Nitrophenol
Concen: 5.370 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.14 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
EFF

Tot Ion:139 Resp: 268
Ion Ratio Lower Upper
139 100
109 109.8 21.0 31.6#
65 218.9 33.0 49.6#

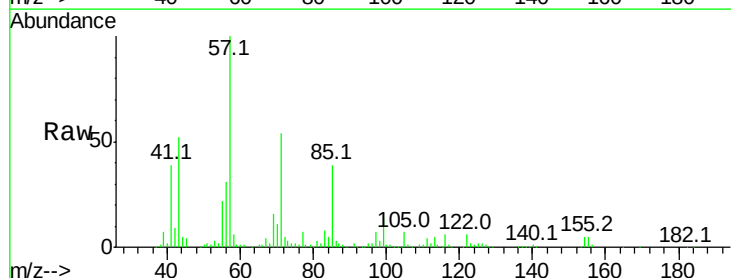


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

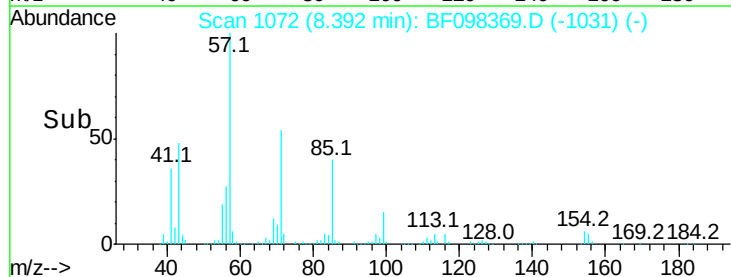
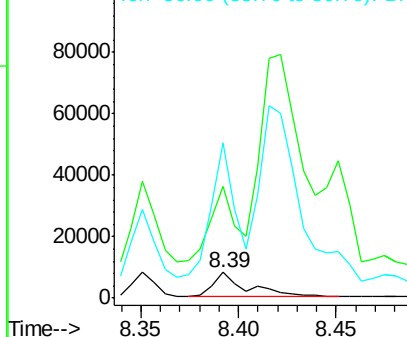


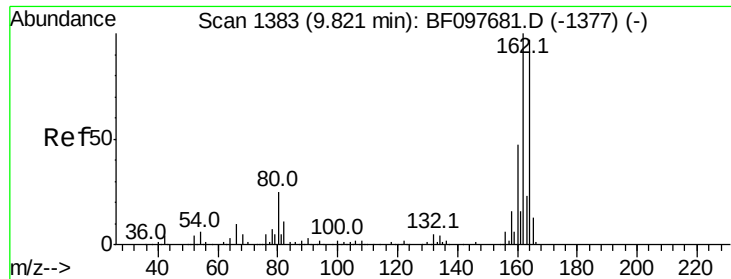
#35
Caprolactam
Concen: 7.748 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.06 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Tgt Ion:113 Resp: 9990
Ion Ratio Lower Upper
113 100
55 431.6 150.2 190.2#
56 601.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098369.D

Acq: 8 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

EFF

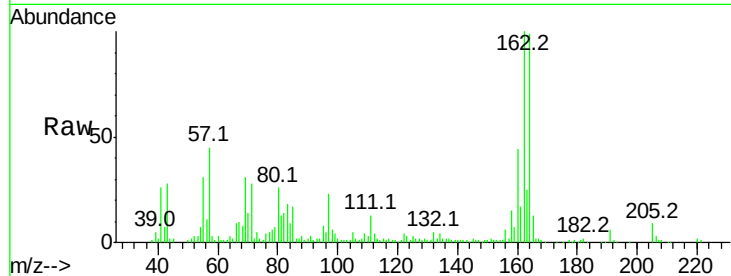
Tot Ion:164 Resp: 117474

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

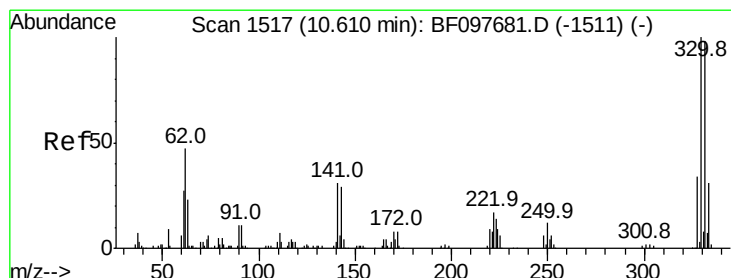
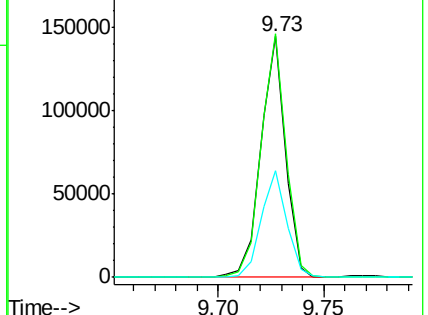
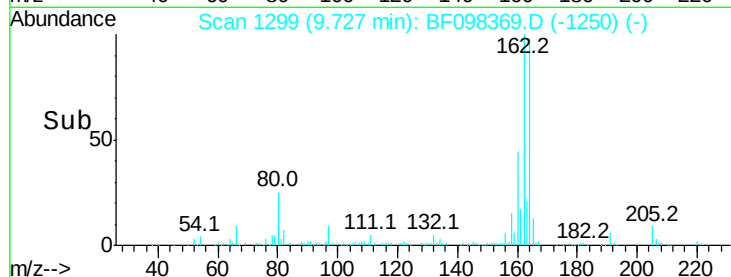
160 44.3 36.2 54.2



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: 84.809 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF098369.D

Acq: 8 Sep 2017 23:54

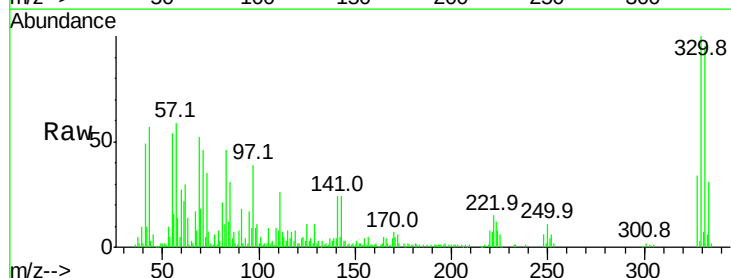
Tgt Ion:330 Resp: 86444

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

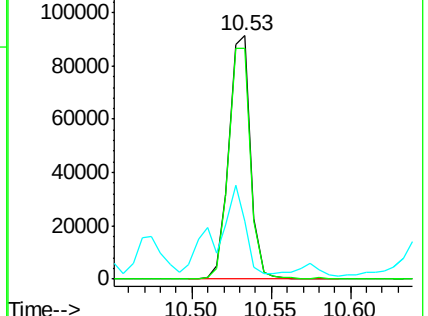
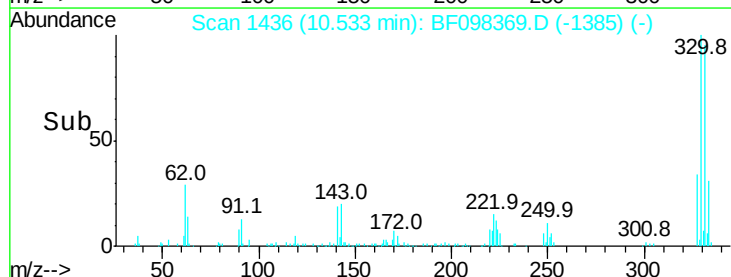
141 46.5 31.4 47.2

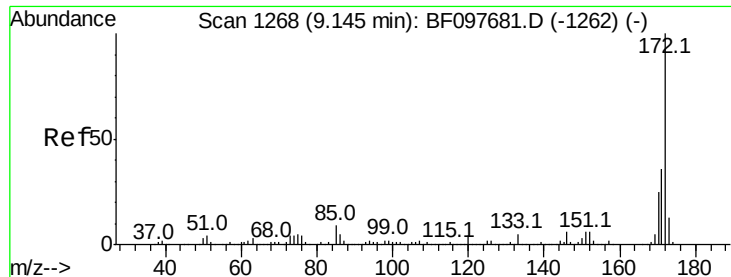


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

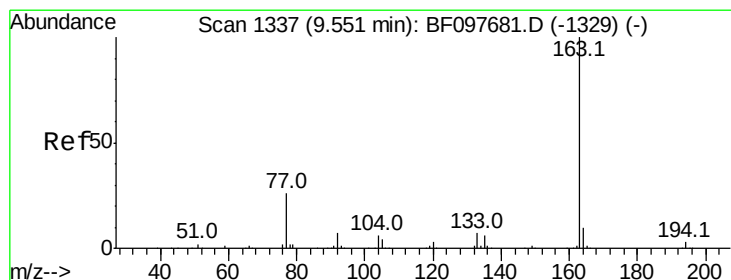
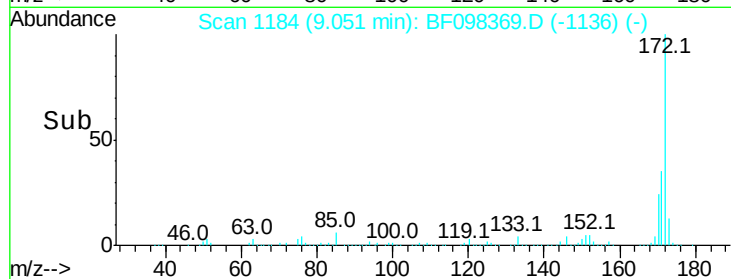
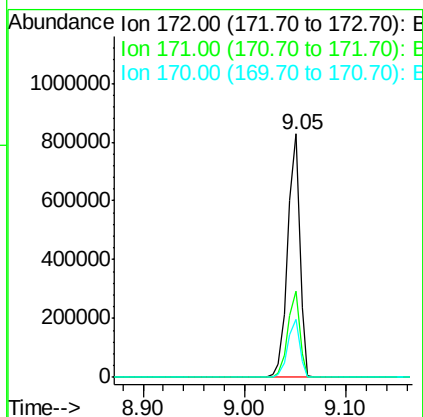
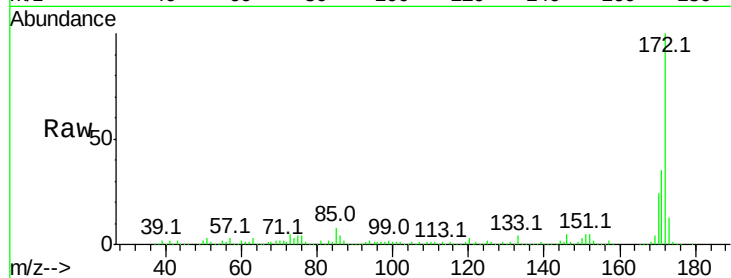




#44
2-Fluorobiphenyl
Concen: 86.782 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

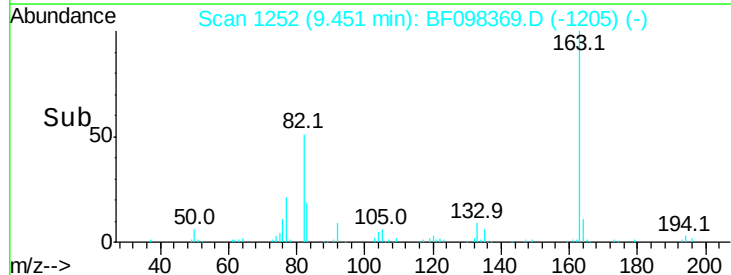
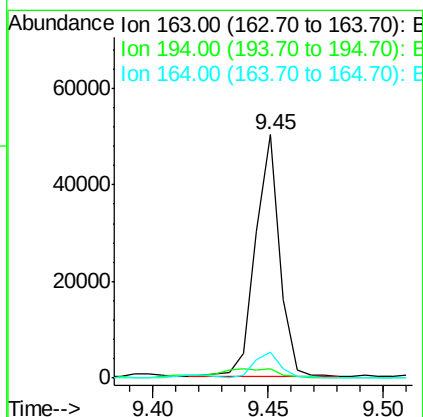
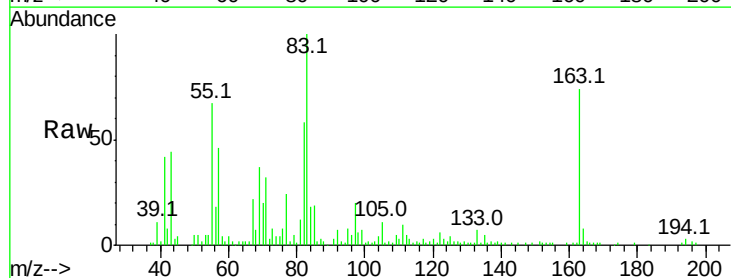
Instrument :
BNA_F
ClientSampleId :
EFF

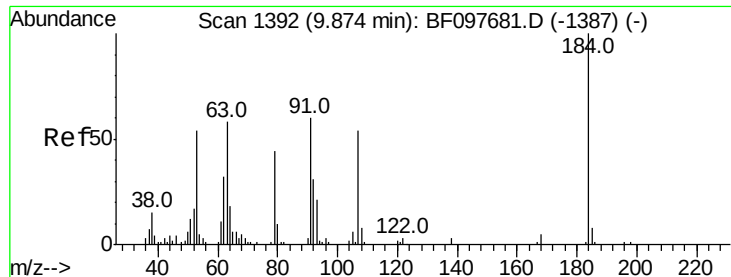
Tot Ion:172 Resp: 693886
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 4.261 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Tgt Ion:163 Resp: 36591
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.6 8.4 12.6

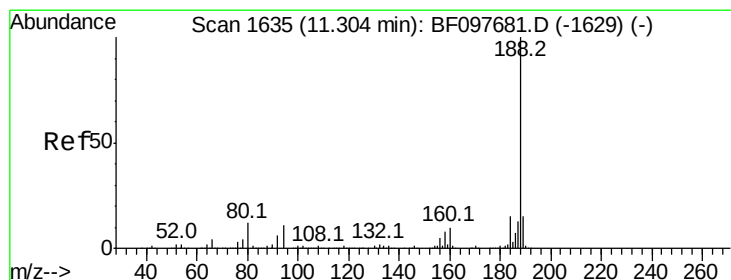
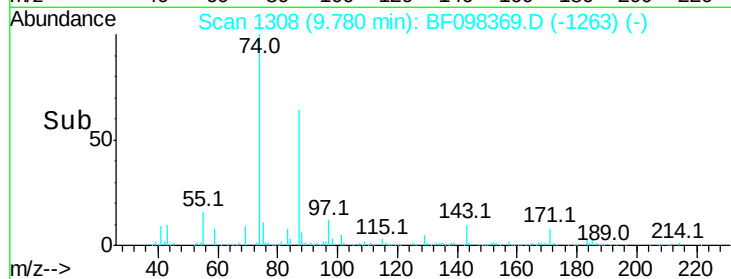
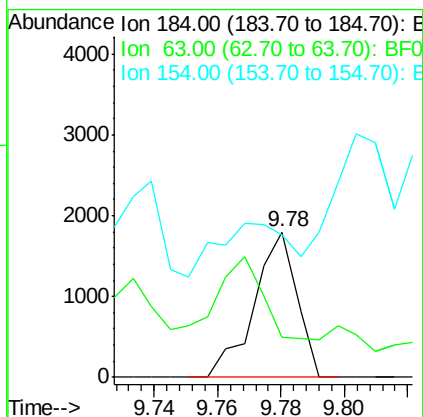
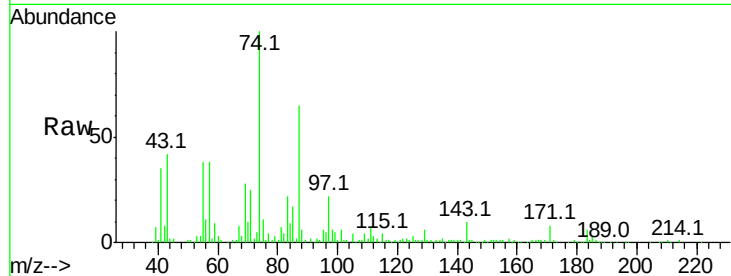




#53
2,4-Dinitrophenol
Concen: 11.936 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

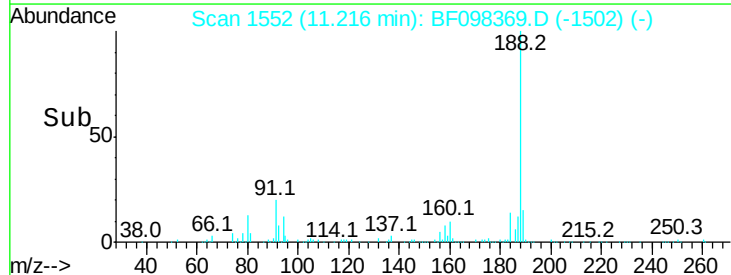
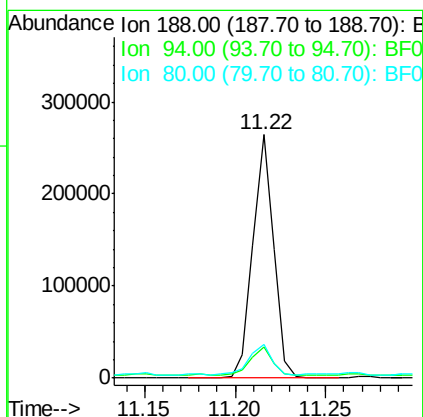
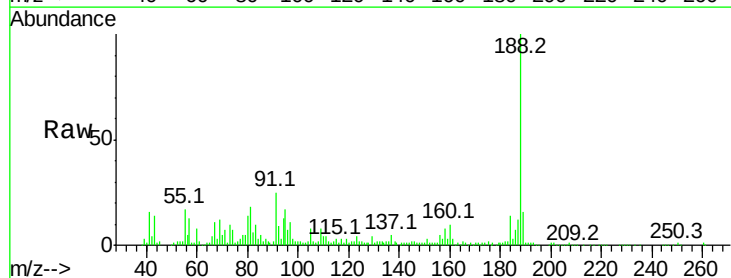
Instrument :
BNA_F
ClientSampled :
EFF

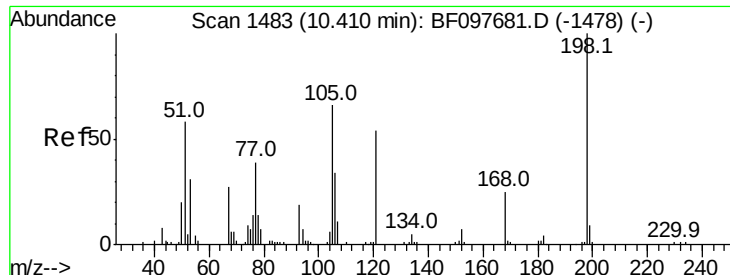
Tot Ion:184 Resp: 1675
Ion Ratio Lower Upper
184 100
63 27.6 62.7 94.1#
154 98.4 81.1 121.7



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Tgt Ion:188 Resp: 209821
Ion Ratio Lower Upper
188 100
94 12.9 9.4 14.2
80 14.1 10.2 15.2

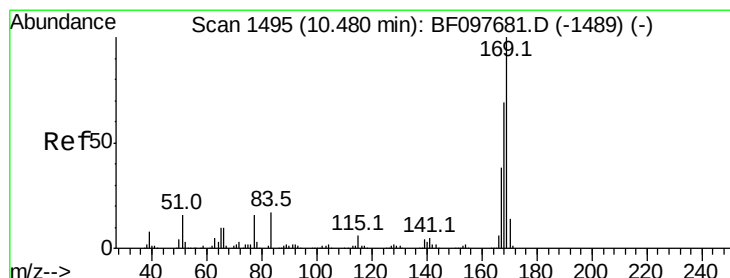
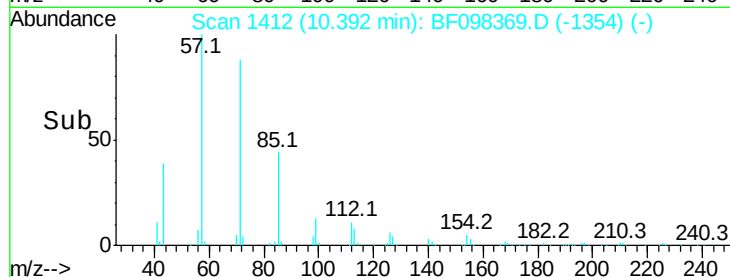
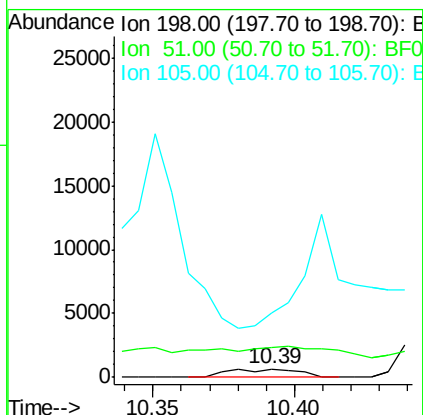
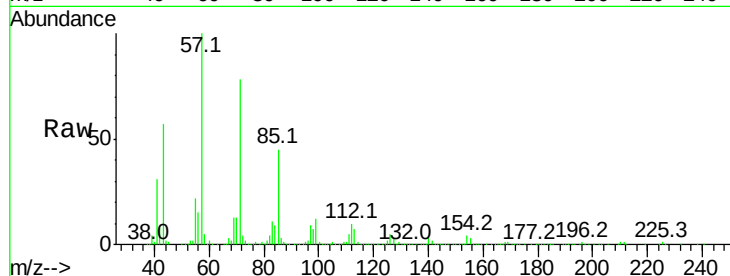




#64
4,6-Dinitro-2-methylphenol
Concen: 9.246 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.04 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

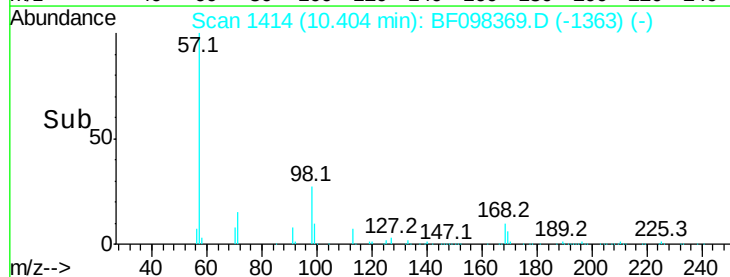
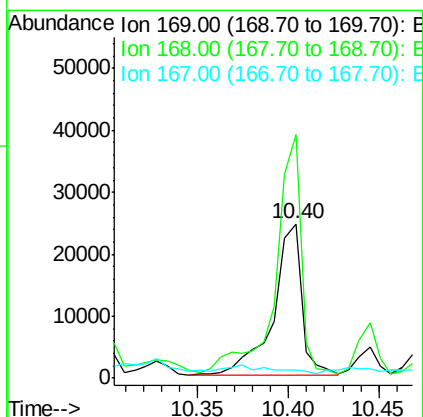
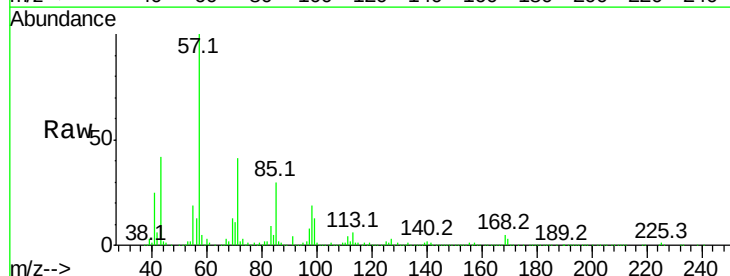
Instrument :
BNA_F
ClientSampleId :
EFF

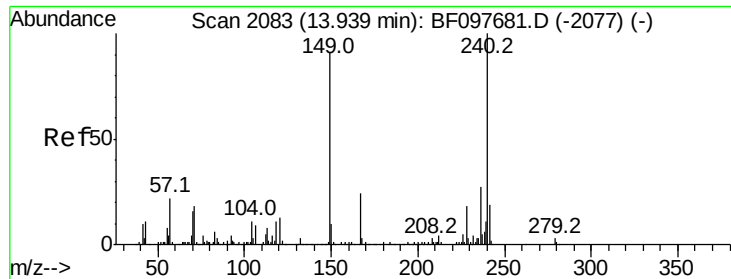
Tot Ion:198 Resp: 1107
Ion Ratio Lower Upper
198 100
51 346.7 53.2 93.2#
105 756.3 45.8 85.8#



#65
n-Nitrosodiphenylamine
Concen: 3.754 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Tgt Ion:169 Resp: 26822
Ion Ratio Lower Upper
169 100
168 157.4 53.2 79.8#
167 5.5 29.5 44.3#

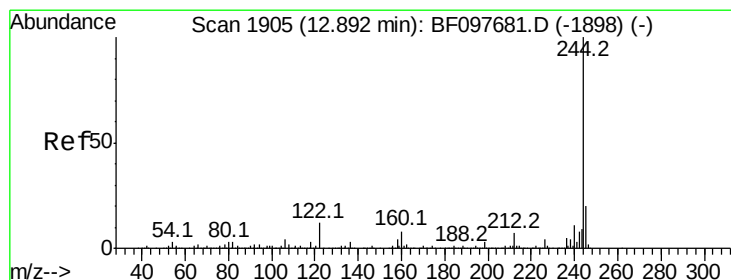
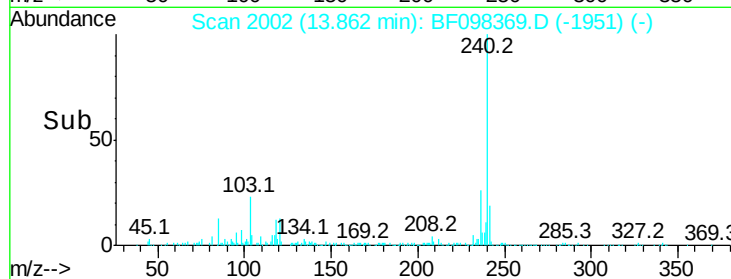
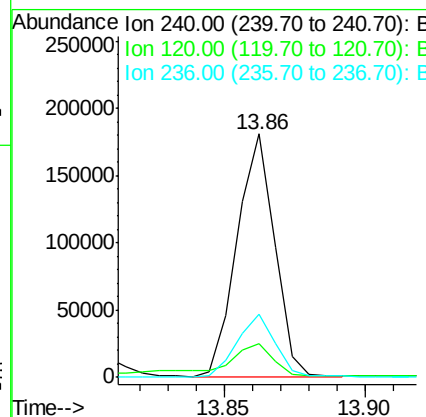
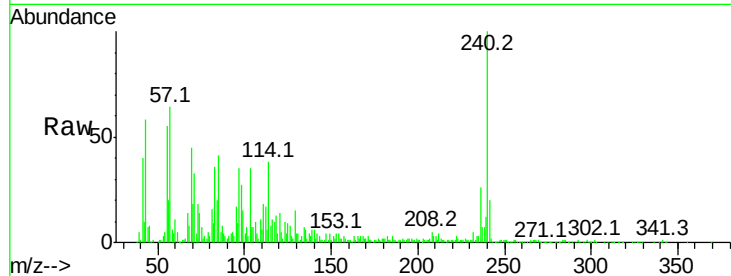




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF098369.D
 Acq: 8 Sep 2017 23:54

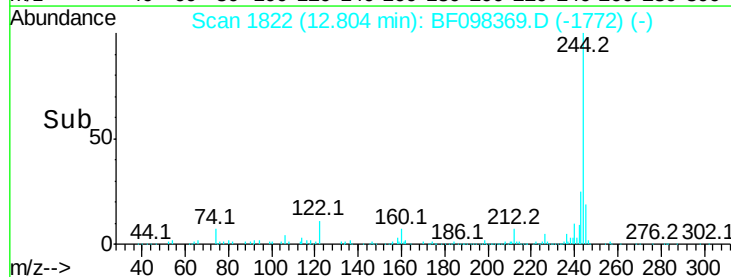
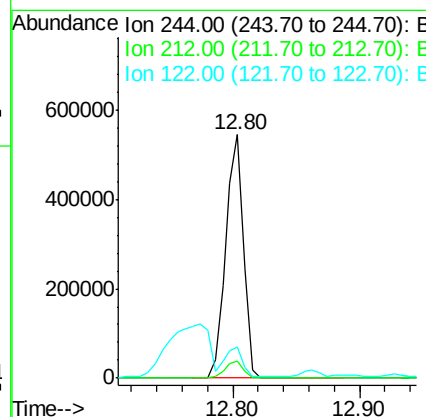
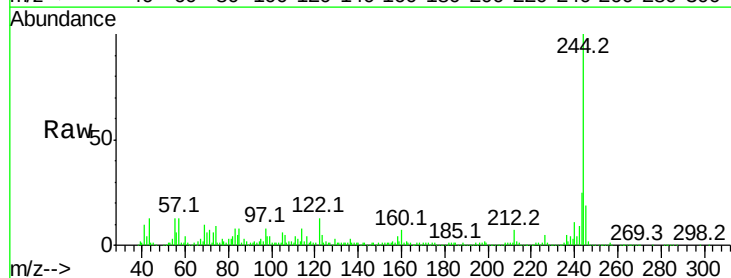
Instrument :
 BNA_F
 ClientSampled :
 EFF

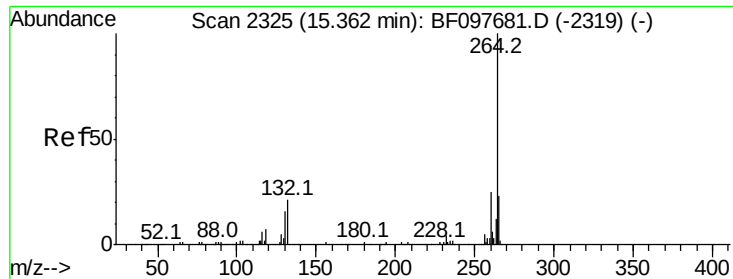
Tot Ion:240 Resp: 167424
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 26.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 66.198 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF098369.D
 Acq: 8 Sep 2017 23:54

Tgt Ion:244 Resp: 531476
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.7 10.3 15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF098369.D
Acq: 8 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
EFF

Tot Ion:264 Resp: 116460

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.3	17.2	25.8

