

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098383.D
 Acq On : 9 Sep 2017 14:01
 Operator : SJ/JU
 Sample : I5178-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:31:47 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

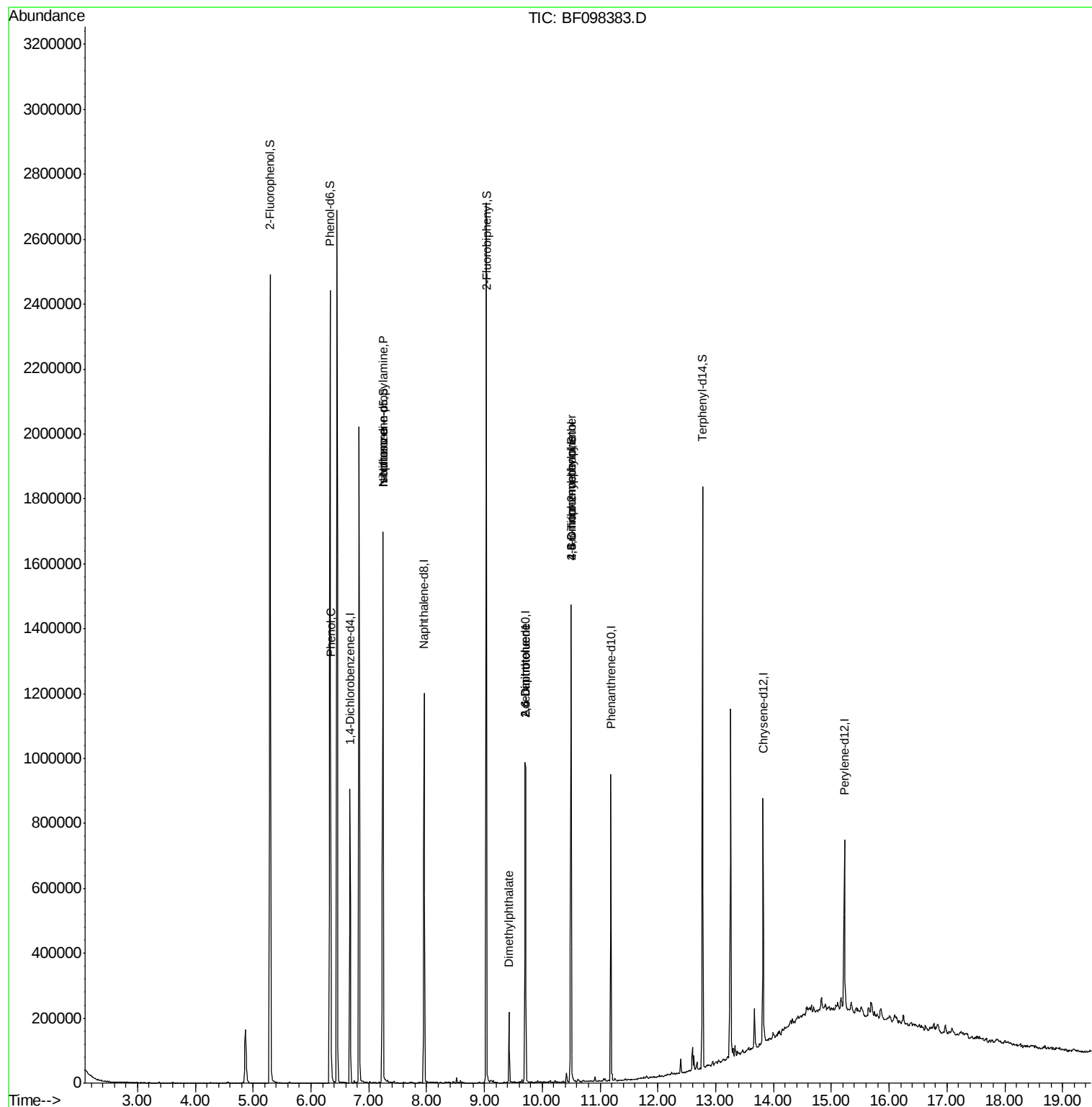
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	123683	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	474337	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	199837	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	321574	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	244394	20.00	ng	-0.04
86) Perylene-d12	15.23	264	240173	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	772272	94.98	ng	-0.01
7) Phenol-d6	6.33	99	1051228	95.15	ng	-0.02
23) Nitrobenzene-d5	7.25	82	644147	73.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	172453	99.46	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	825206	60.67	ng	-0.04
78) Terphenyl-d14	12.77	244	545978	46.59	ng	-0.04
Target Compounds						
10) Phenol	6.35	94	87670	6.785	ng	83
19) n-Nitroso-di-n-propylamine	7.25	70	82822	10.951	ng	# 69
25) Isophorone	7.25	82	644140	35.478	ng	# 67
49) Dimethylphthalate	9.43	163	72581	4.969	ng	98
50) 2,6-Dinitrotoluene	9.70	165	25216	8.648	ng	# 34
56) 2,4-Dinitrotoluene	9.70	165	25216	6.891	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.50	198	249	8.457	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	11401	3.414	ng	# 1

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

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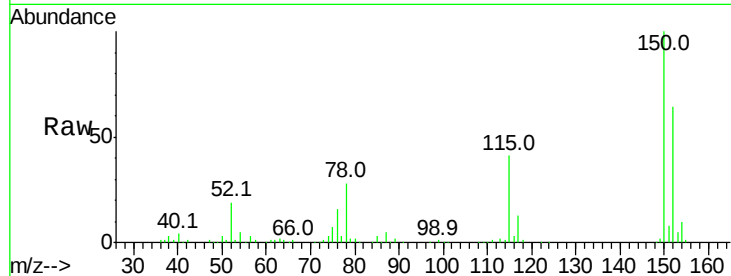


#1

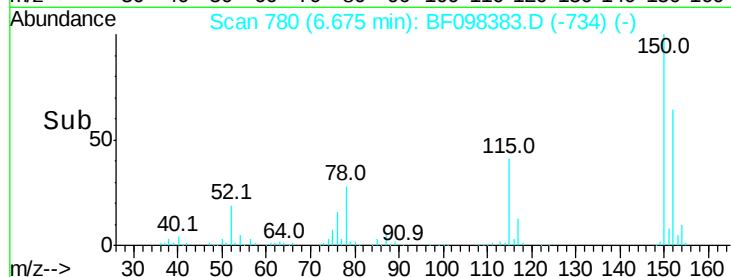
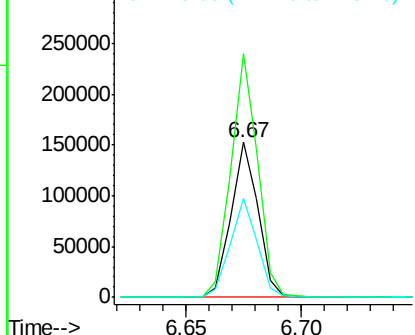
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123683
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 63.8 52.2 78.2



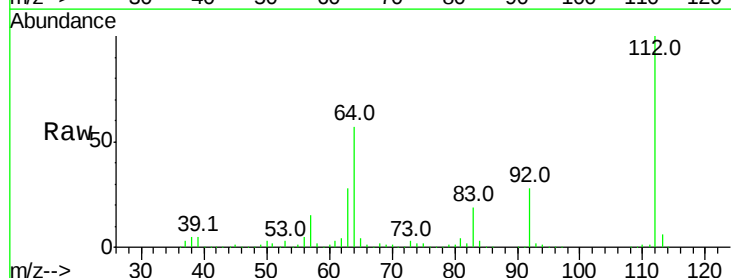
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



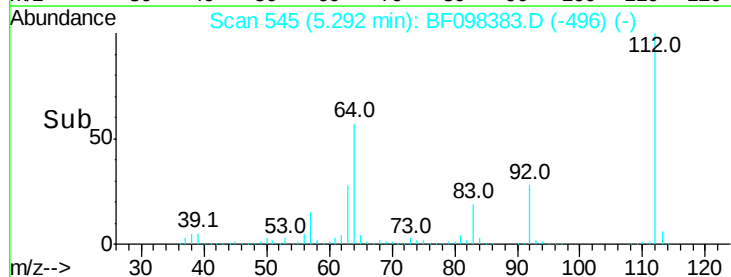
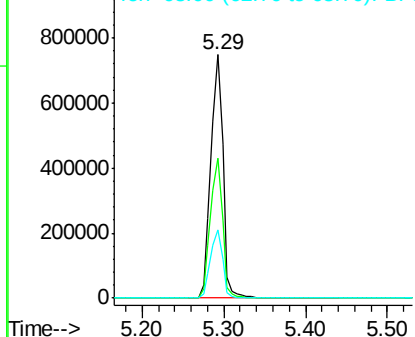
#5

2-Fluorophenol
Concen: 94.975 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

Tgt Ion:112 Resp: 772272
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 28.3 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: 95.150 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098383.D

Acq: 9 Sep 2017 14:01

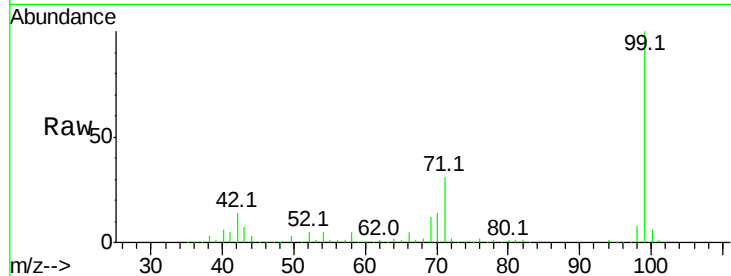
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1051228

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.5	20.3
71	31.1	24.5	36.7

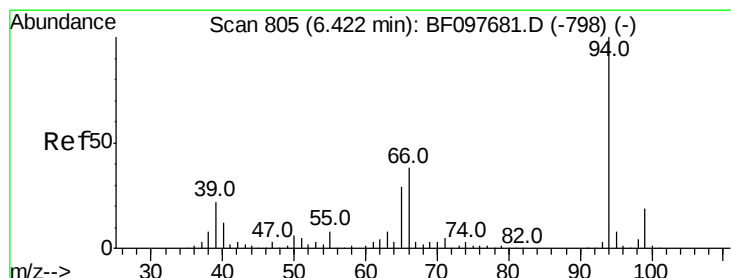
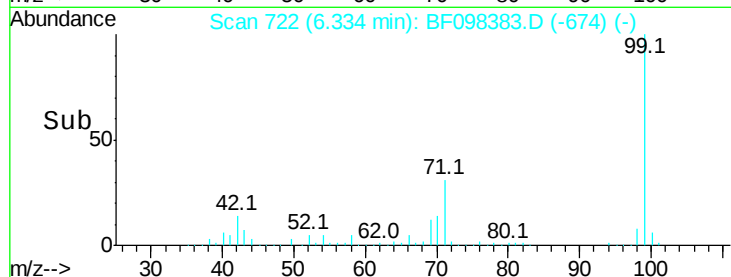
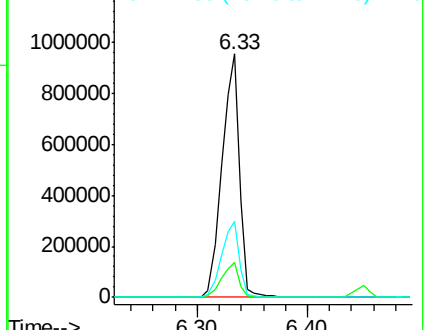


Abundance

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: 6.785 ng

RT: 6.35 min Scan# 724

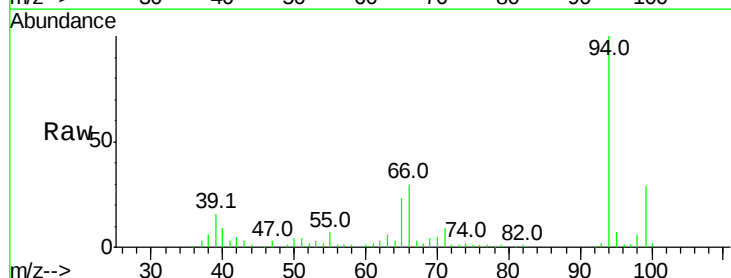
Delta R.T. -0.02 min

Lab File: BF098383.D

Acq: 9 Sep 2017 14:01

Tgt Ion: 94 Resp: 87670

Ion	Ratio	Lower	Upper
94	100		
65	23.5	9.9	49.9
66	30.3	23.1	63.1

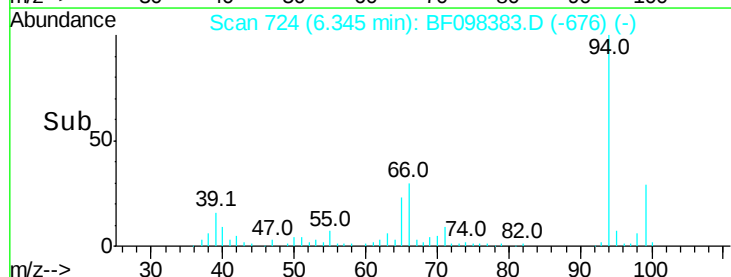
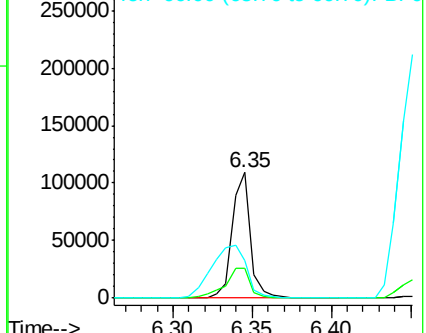


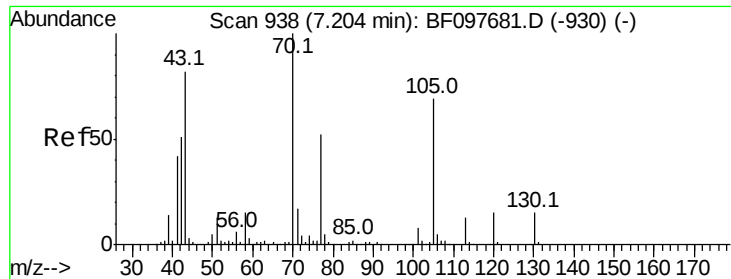
Abundance

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

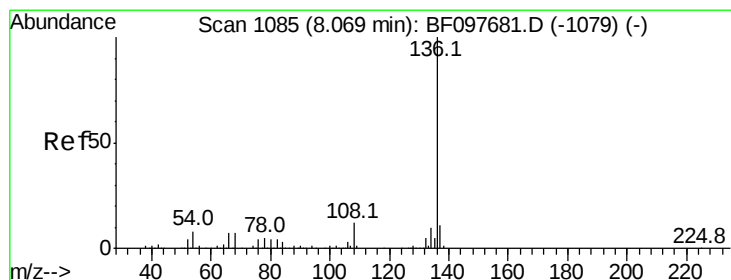
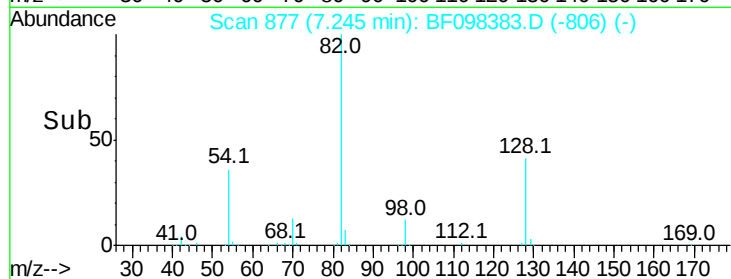
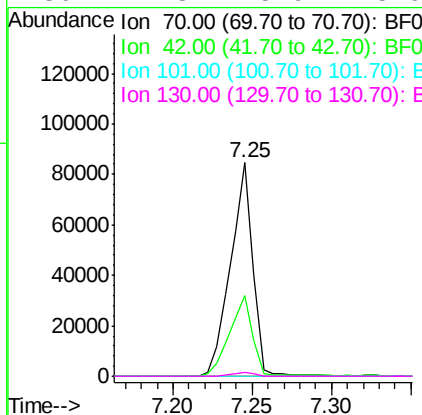
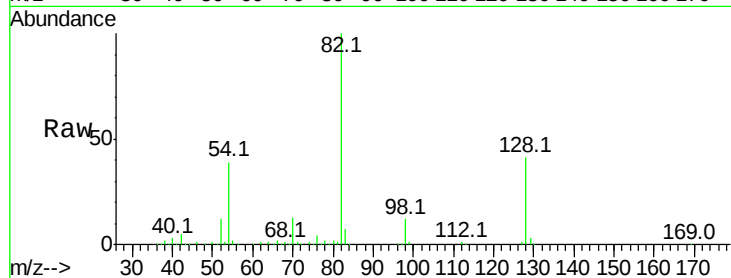




#19
n-Nitroso-di-n-propylamine
Concen: 10.951 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

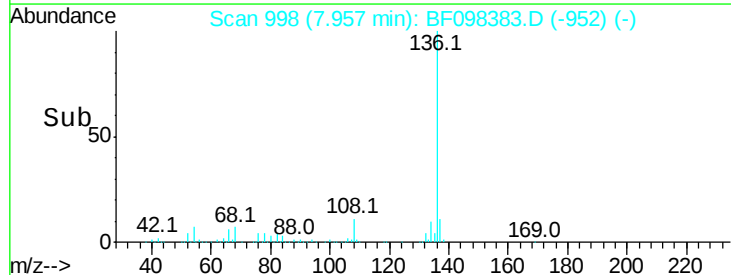
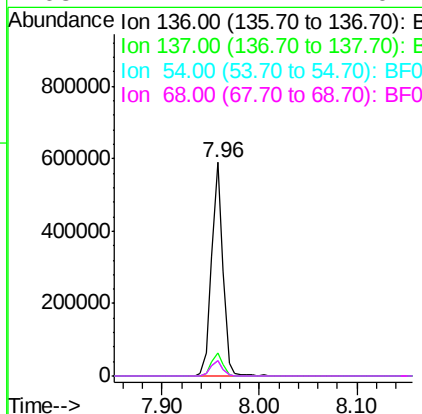
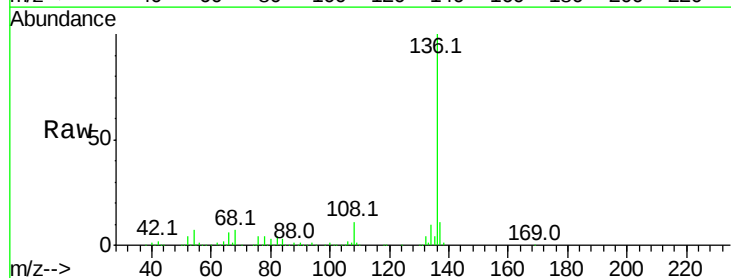
Instrument :
BNA_F
ClientSampleId :

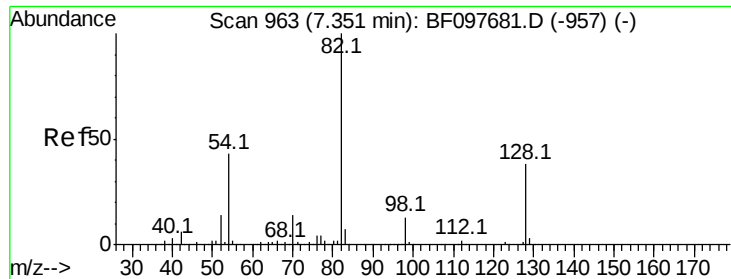
Tot Ion: 70 Resp: 82822
Ion Ratio Lower Upper
70 100
42 37.7 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

Tgt Ion:136 Resp: 474337
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.2 4.9 7.3
68 7.4 4.1 6.1#

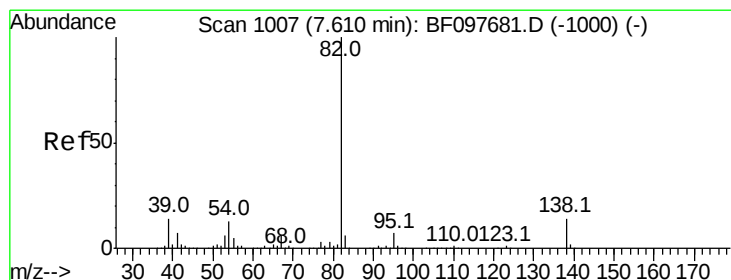
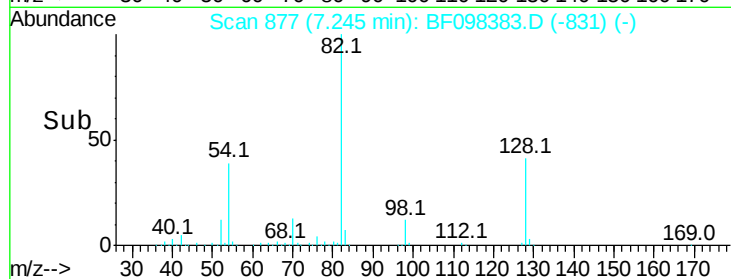
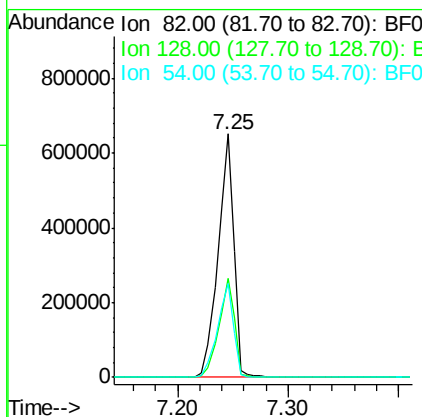
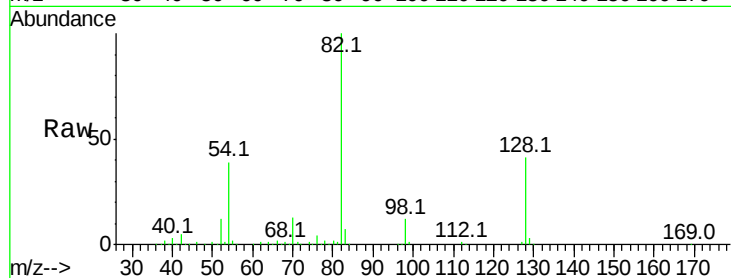




#23
 Nitrobenzene-d5
 Concen: 73.772 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.03 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

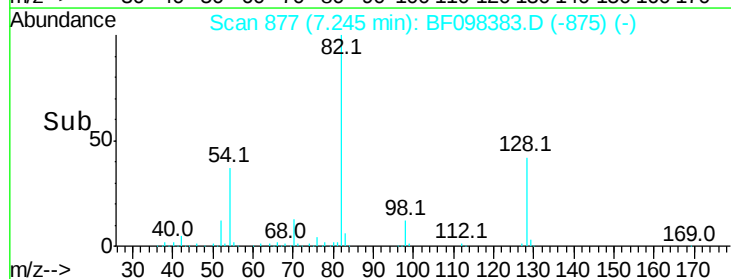
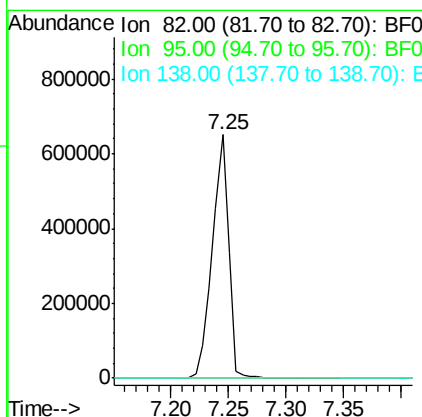
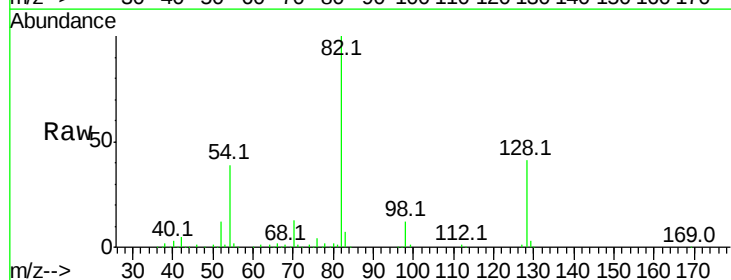
Instrument :
 BNA_F
 ClientSampleId :

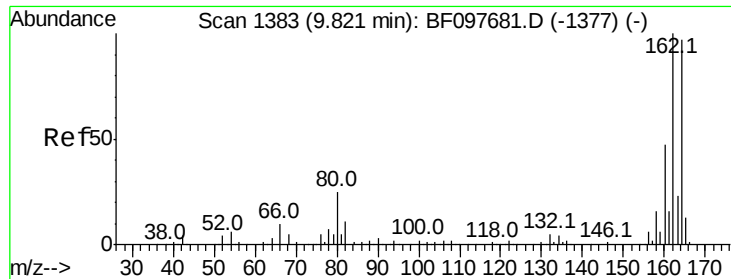
Tot Ion: 82 Resp: 644147
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.0 51.0
 54 38.7 42.2 63.2#



#25
 Isophorone
 Concen: 35.478 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.29 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

Tgt Ion: 82 Resp: 644140
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

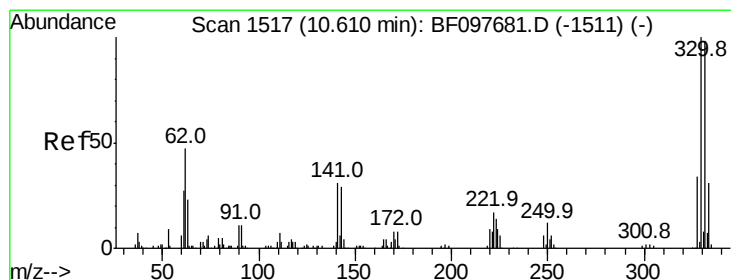
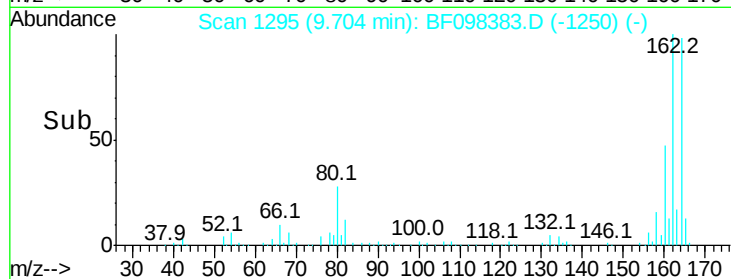
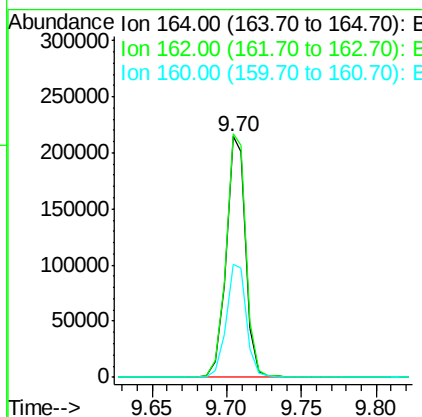
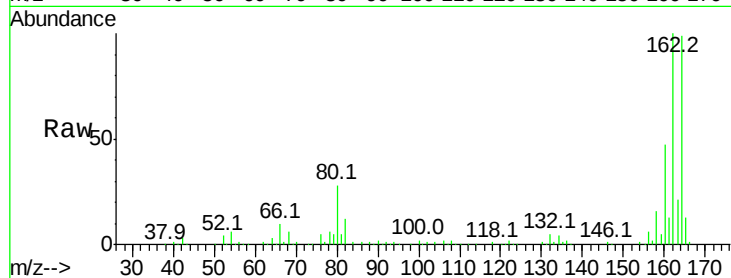




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

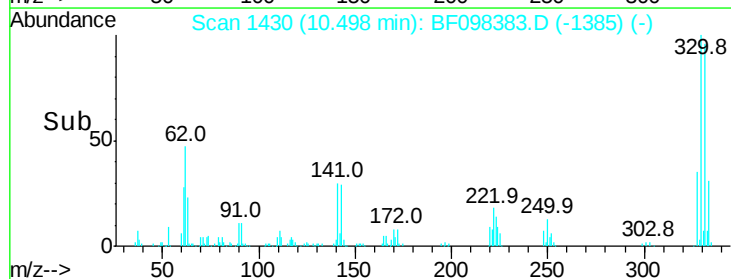
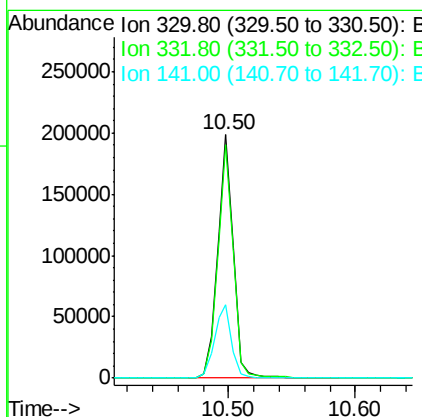
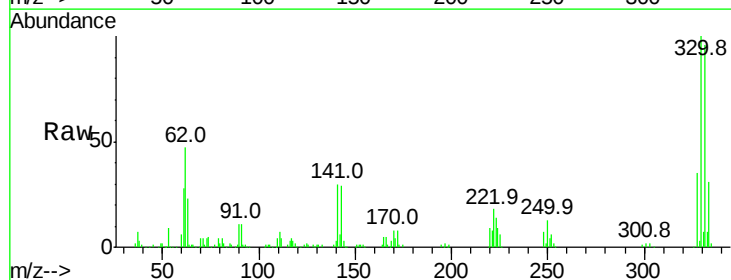
Instrument :
BNA_F
ClientSampleId :

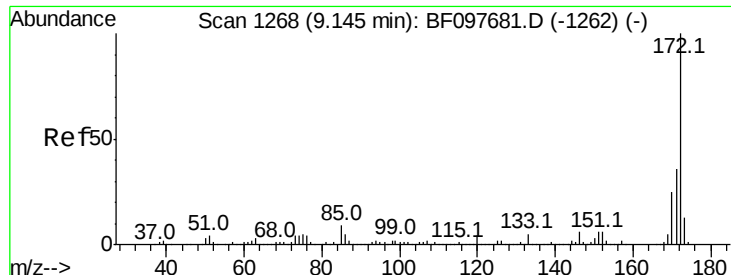
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	47.1	36.2	54.2



#41
2,4,6-Tribromophenol
Concen: 99.459 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	33.0	31.4	47.2

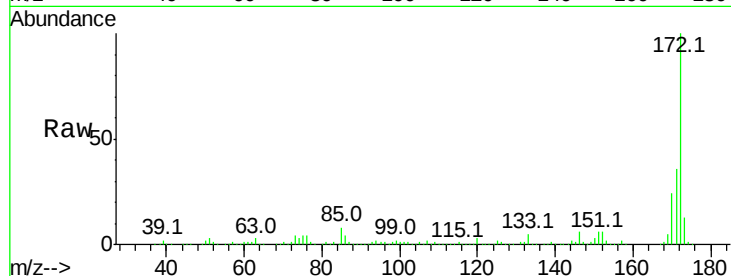




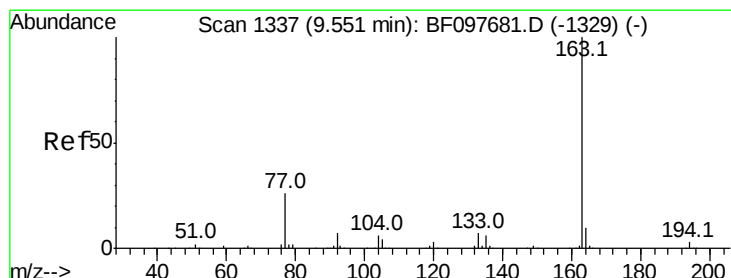
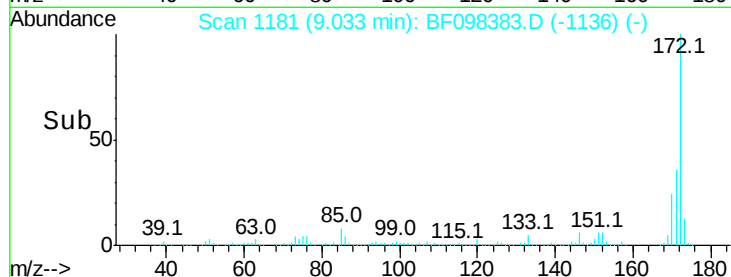
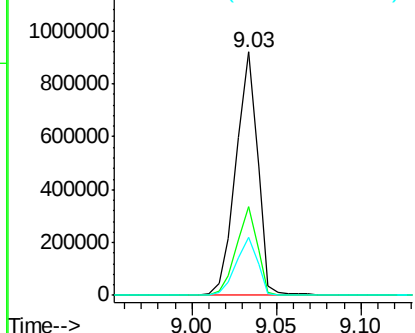
#44
2-Fluorobiphenyl
Concen: 60.669 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 825206
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.8 29.8

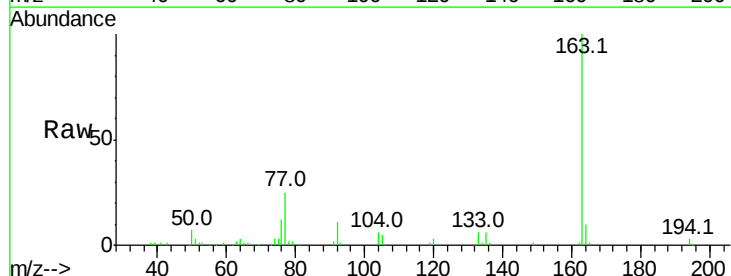


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

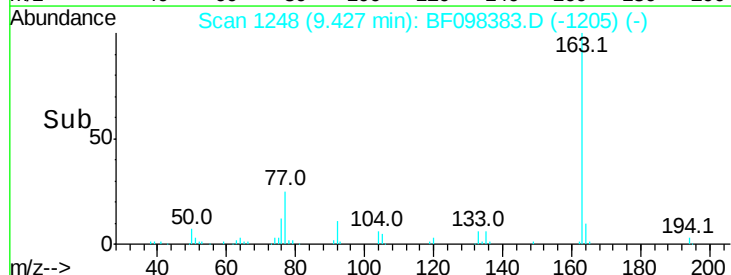
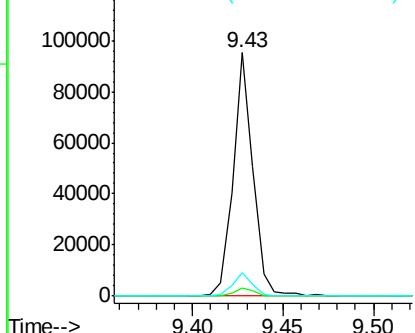


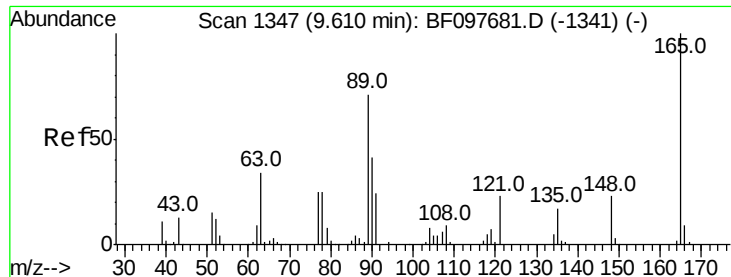
#49
Dimethylphthalate
Concen: 4.969 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098383.D
Acq: 9 Sep 2017 14:01

Tgt Ion:163 Resp: 72581
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.6 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

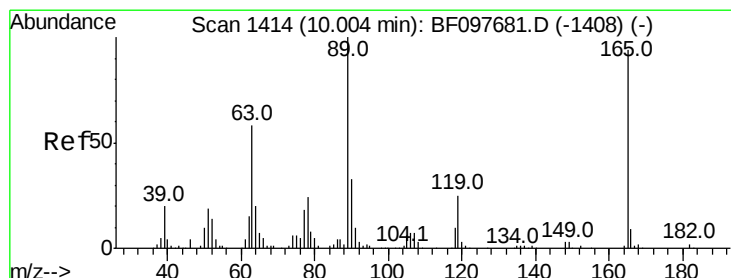
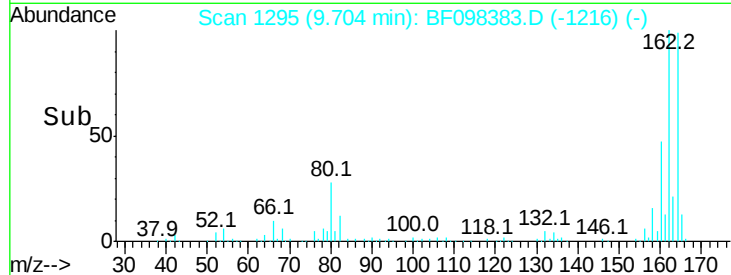
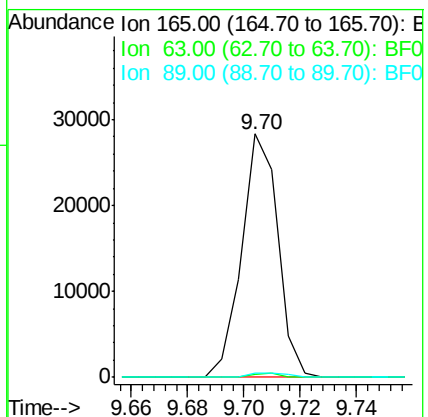
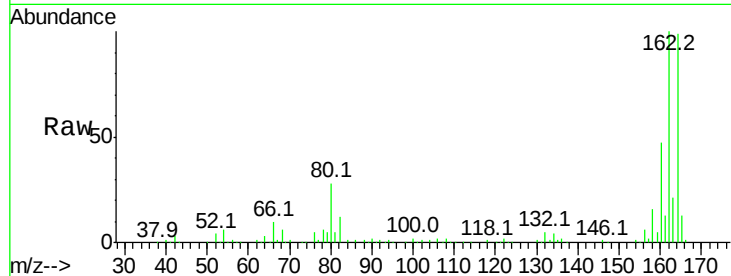




#50
 2,6-Dinitrotoluene
 Concen: 8.648 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.16 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

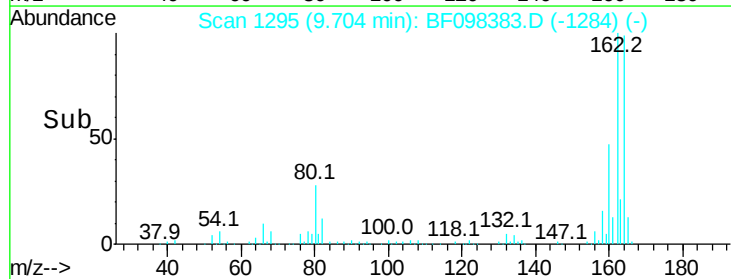
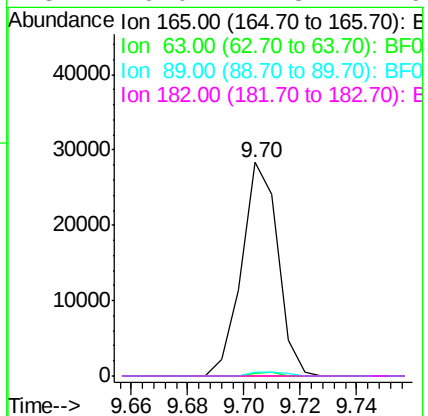
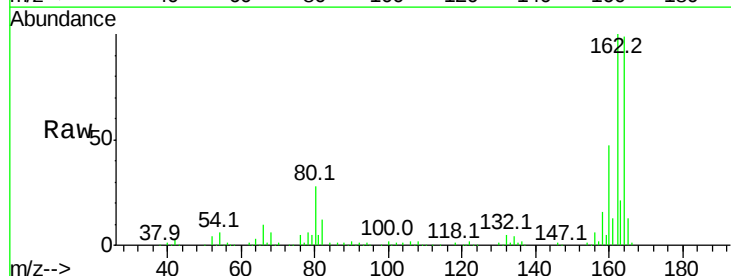
Instrument :
 BNA_F
 ClientSampleId :

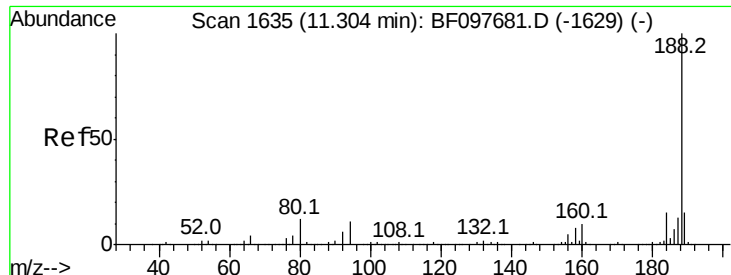
Tot Ion:165	Resp:	25216
Ion Ratio	Lower	Upper
165 100		
63 1.2	34.3	51.5#
89 1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.891 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.24 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

Tgt Ion:165	Resp:	25216
Ion Ratio	Lower	Upper
165 100		
63 1.2	25.4	38.0#
89 1.6	46.4	69.6#
182 0.0	1.8	2.6#

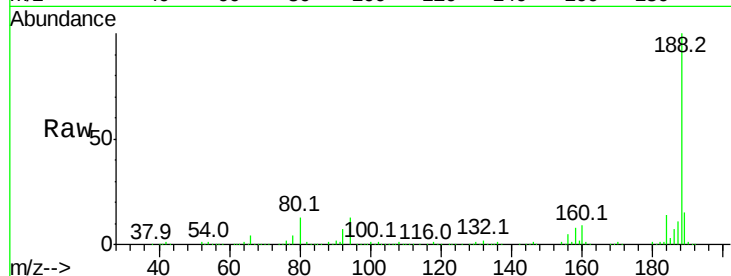




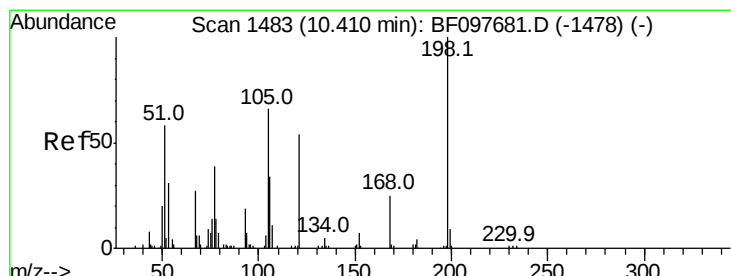
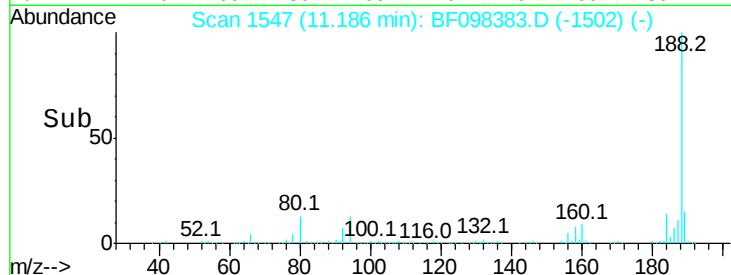
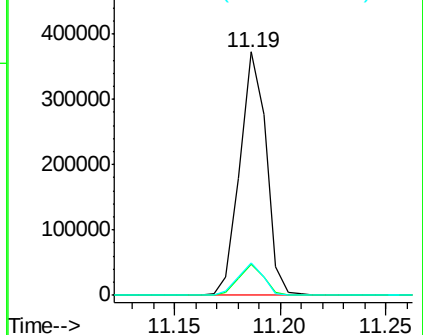
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 321574
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 13.3 10.2 15.2

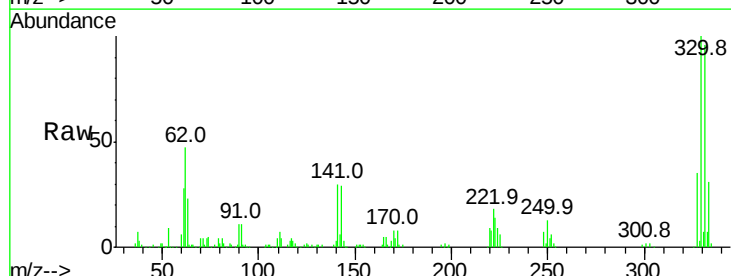


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

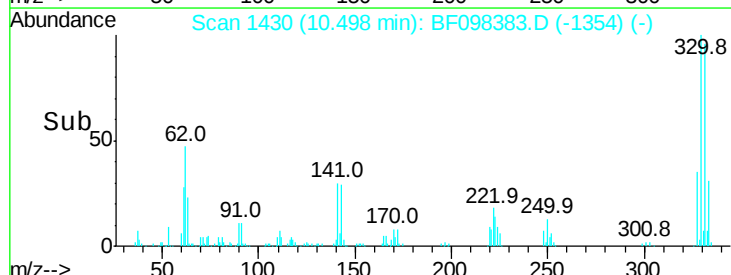
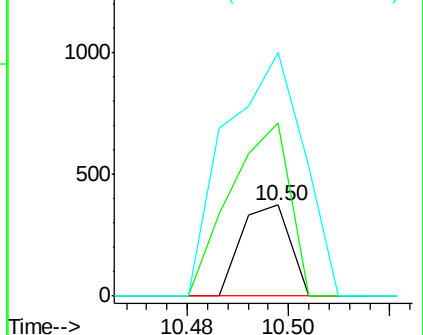


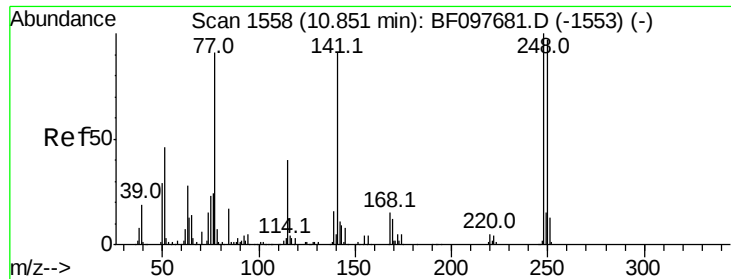
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.457 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.15 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

Tgt Ion:198 Resp: 249
 Ion Ratio Lower Upper
 198 100
 51 191.4 53.2 93.2#
 105 268.3 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

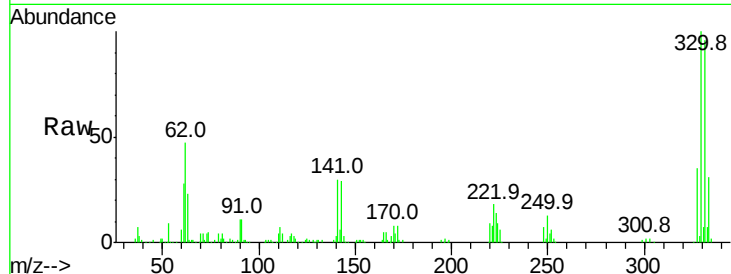




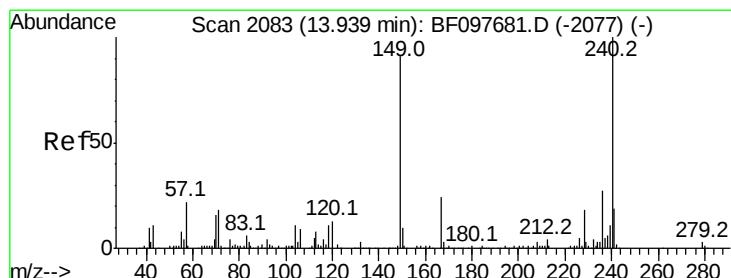
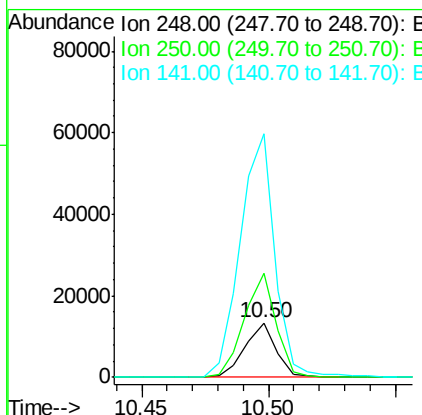
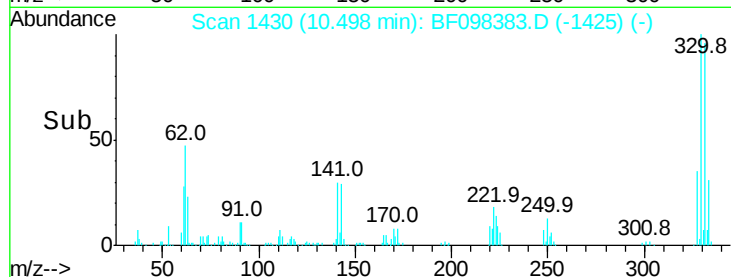
#66
 4-Bromophenyl-phenylether
 Concen: 3.414 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.27 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11401
 Ion Ratio Lower Upper
 248 100
 250 190.9 76.8 115.2#
 141 446.5 68.6 103.0#

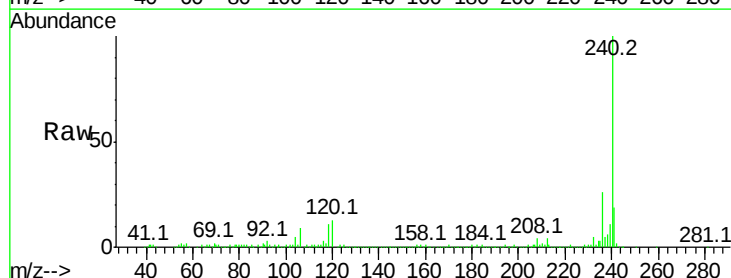


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

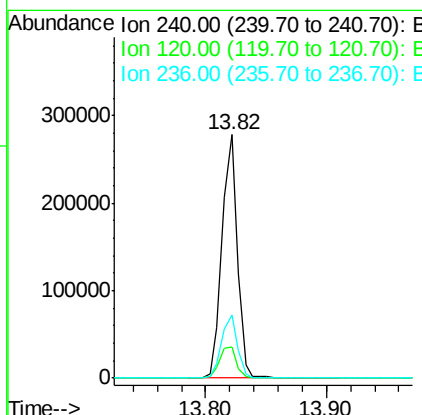
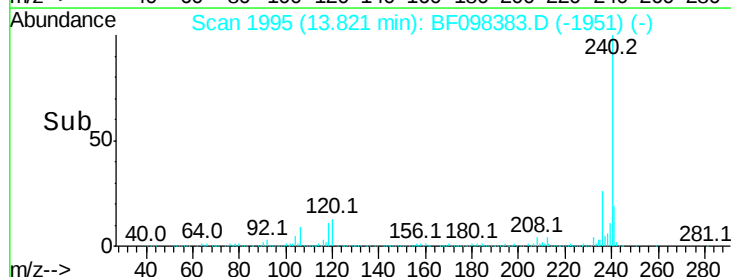


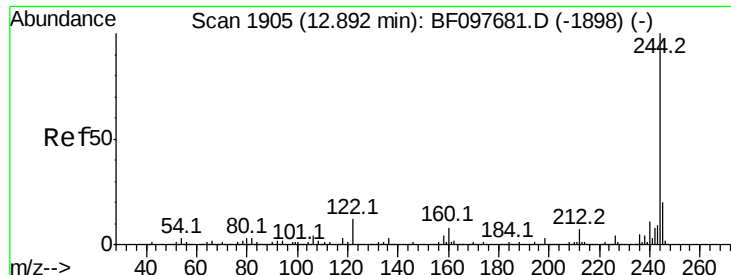
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF098383.D
 Acq: 9 Sep 2017 14:01

Tgt Ion:240 Resp: 244394
 Ion Ratio Lower Upper
 240 100
 120 13.0 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: 46.587 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF098383.D

Acq: 9 Sep 2017 14:01

Instrument :

BNA_F

ClientSampleId :

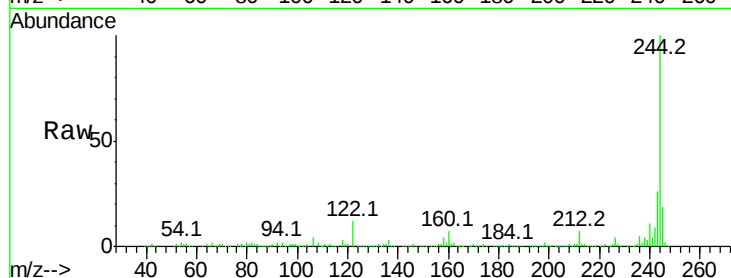
Tot Ion:244 Resp: 545978

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

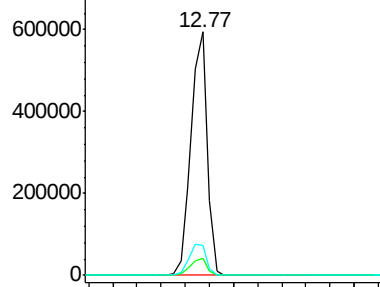
122 12.1 10.3 15.5



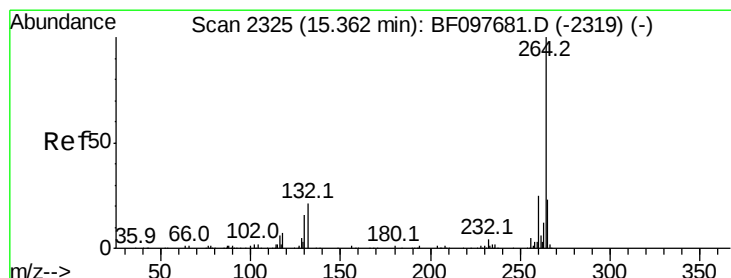
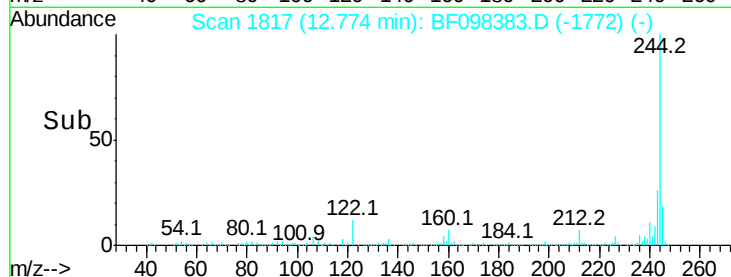
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.04 min

Lab File: BF098383.D

Acq: 9 Sep 2017 14:01

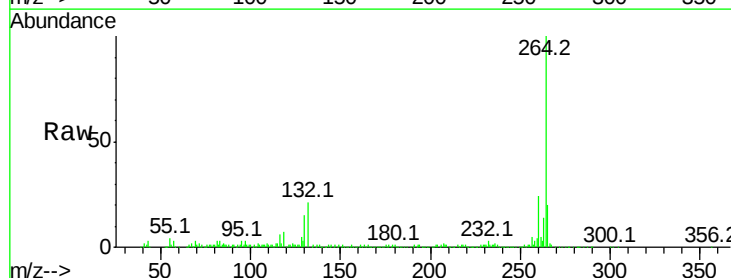
Tgt Ion:264 Resp: 240173

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

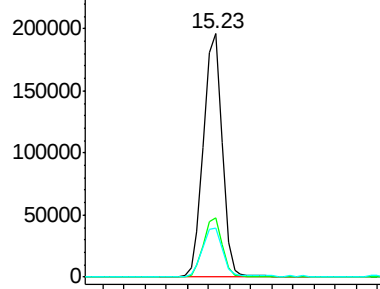
265 20.4 17.2 25.8



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



Time-->

