

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098385.D
 Acq On : 9 Sep 2017 14:56
 Operator : SJ/JU
 Sample : I5178-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:32:48 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

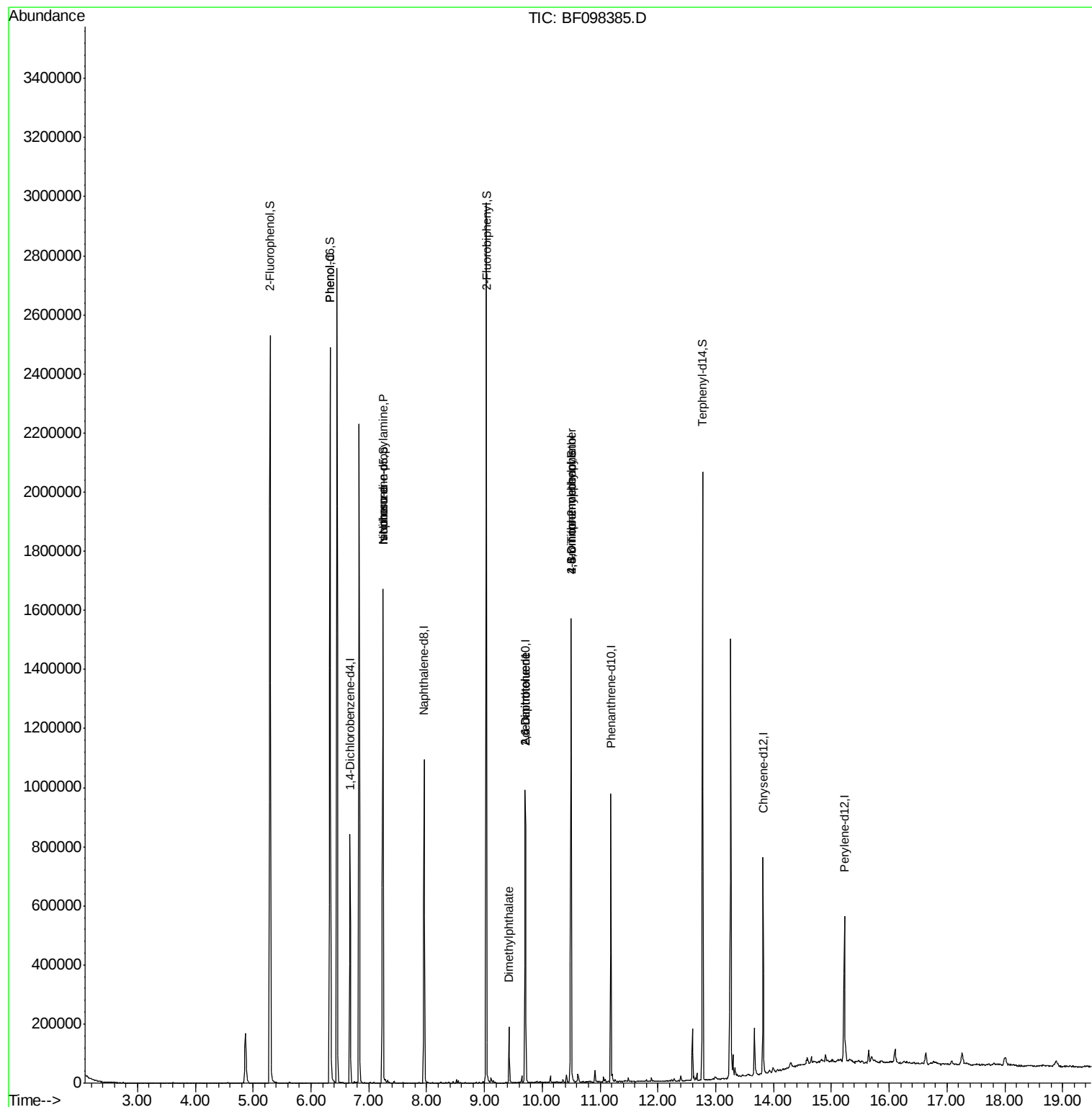
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113716	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	436966	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	188234	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	318805	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	222838	20.00	ng	-0.04
86) Perylene-d12	15.23	264	218961	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	783455	104.80	ng	-0.01
7) Phenol-d6	6.33	99	1064412	104.79	ng	-0.02
23) Nitrobenzene-d5	7.25	82	654843	81.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	190278	116.50	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	981767	76.63	ng	-0.04
78) Terphenyl-d14	12.77	244	645265	60.38	ng	-0.04
Target Compounds						
10) Phenol	6.34	94	82811	6.971	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	85367	12.277	ng	# 70
25) Isophorone	7.25	82	654836	39.152	ng	# 67
49) Dimethylphthalate	9.43	163	62198	4.520	ng	100
50) 2,6-Dinitrotoluene	9.70	165	23644	8.609	ng	# 34
56) 2,4-Dinitrotoluene	9.70	165	23644	6.860	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.50	198	168	8.413	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	12293	3.713	ng	# 1

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

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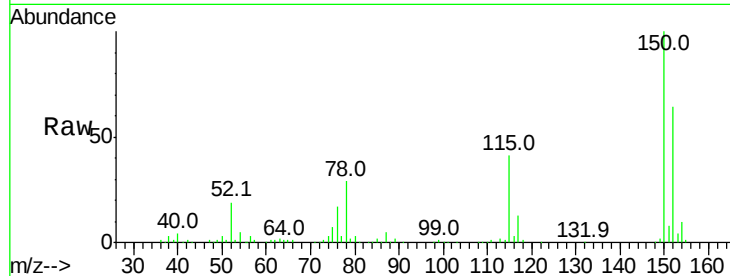


#1

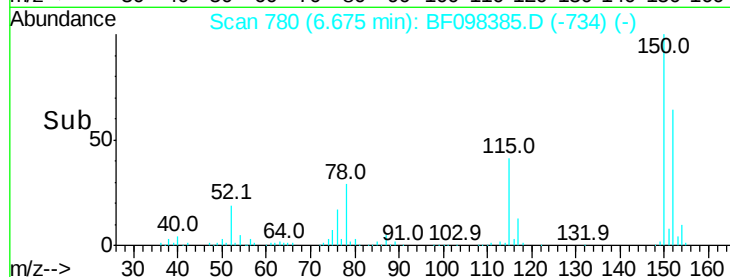
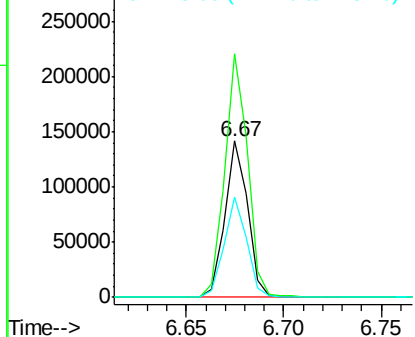
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113716
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 63.9 52.2 78.2



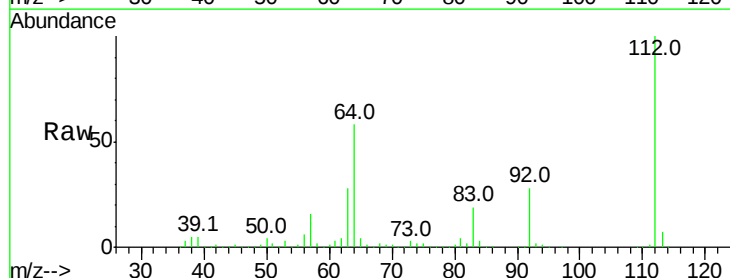
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



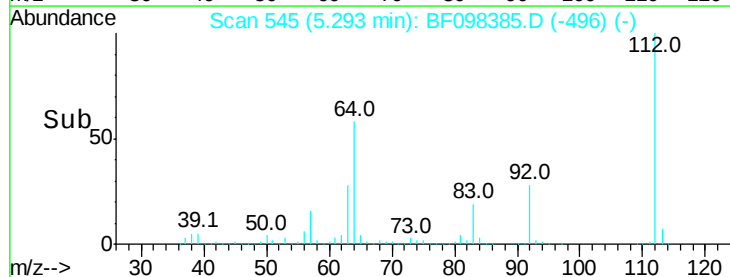
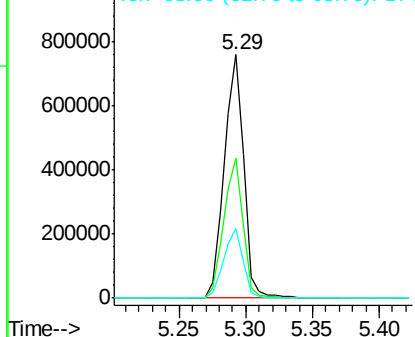
#5

2-Fluorophenol
Concen: 104.796 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Tgt Ion:112 Resp: 783455
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 28.4 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: 104.788 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098385.D

Acq: 9 Sep 2017 14:56

Instrument :

BNA_F

ClientSampled :

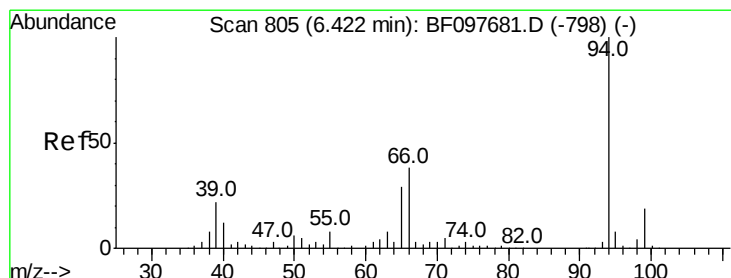
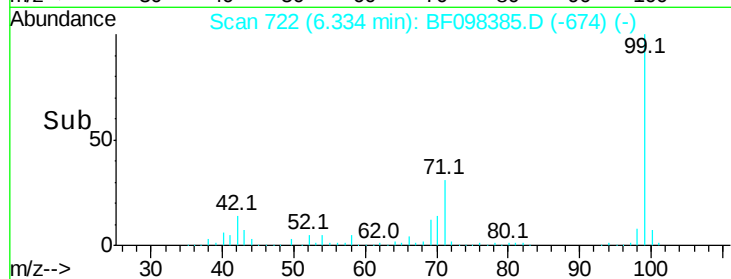
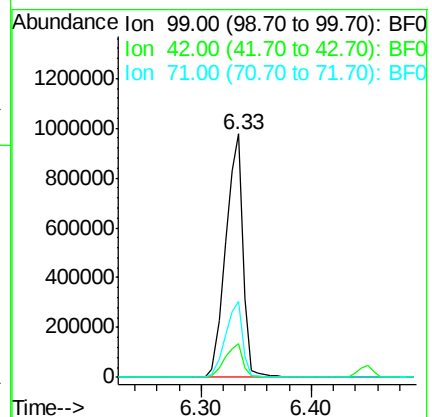
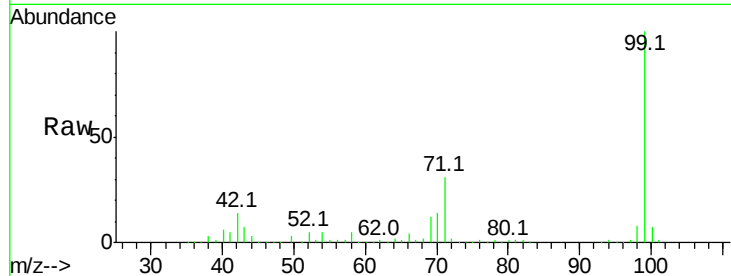
Tot Ion: 99 Resp: 1064412

Ion Ratio Lower Upper

99 100

42 13.9 13.5 20.3

71 31.4 24.5 36.7



#10

Phenol

Concen: 6.971 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF098385.D

Acq: 9 Sep 2017 14:56

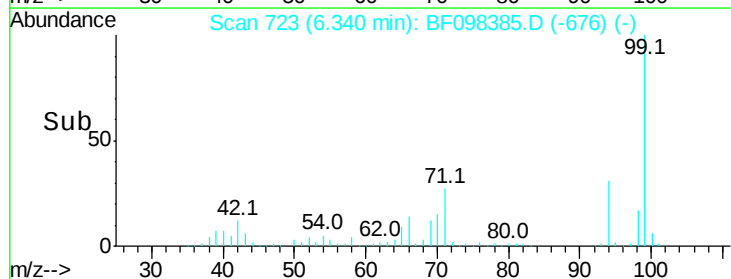
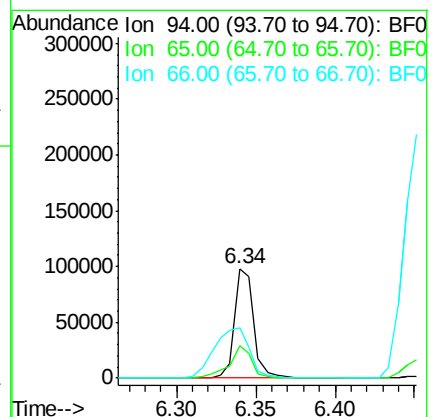
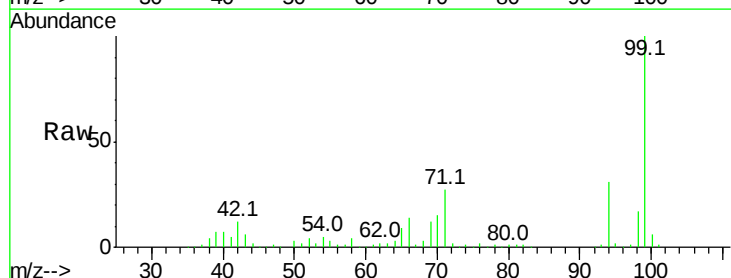
Tgt Ion: 94 Resp: 82811

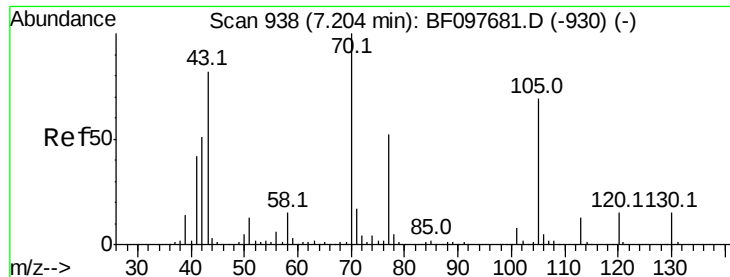
Ion Ratio Lower Upper

94 100

65 29.1 9.9 49.9

66 46.0 23.1 63.1

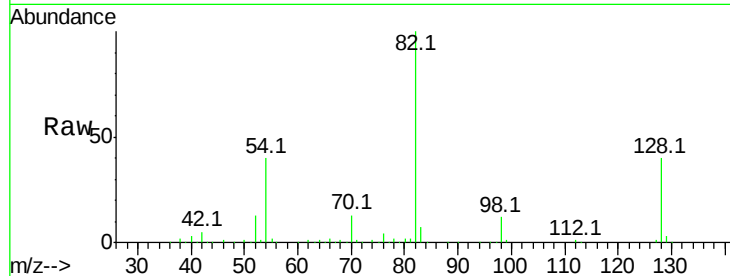




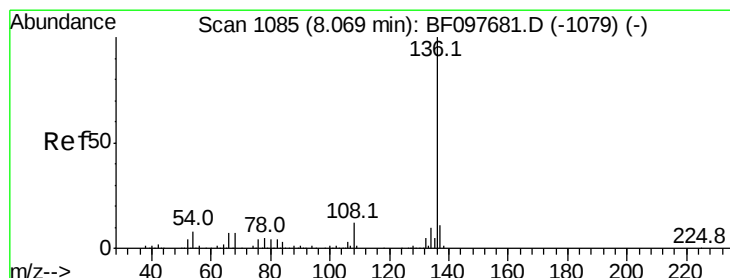
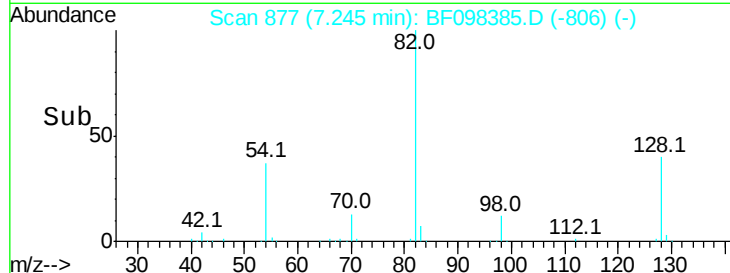
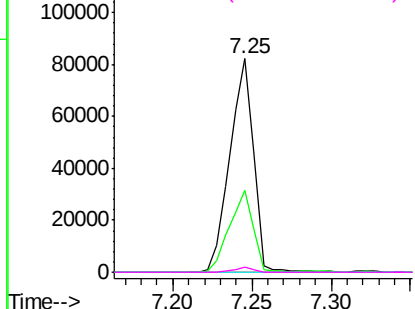
#19
n-Nitroso-di-n-propylamine
Concen: 12.277 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 85367
Ion Ratio Lower Upper
70 100
42 38.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#

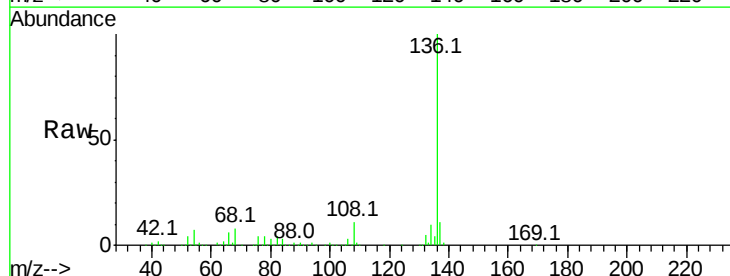


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

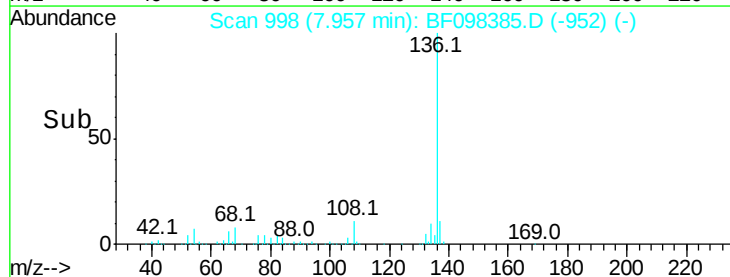
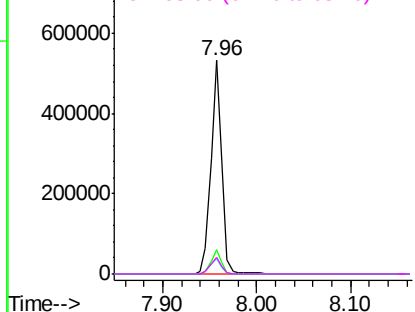


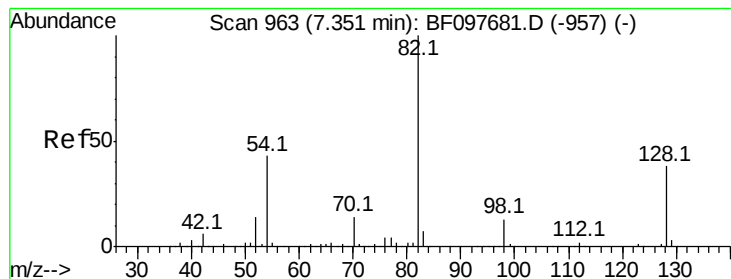
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Tgt Ion:136 Resp: 436966
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.4 4.9 7.3#
68 7.5 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: 81.412 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098385.D

Acq: 9 Sep 2017 14:56

Instrument :

BNA_F

ClientSampleId :

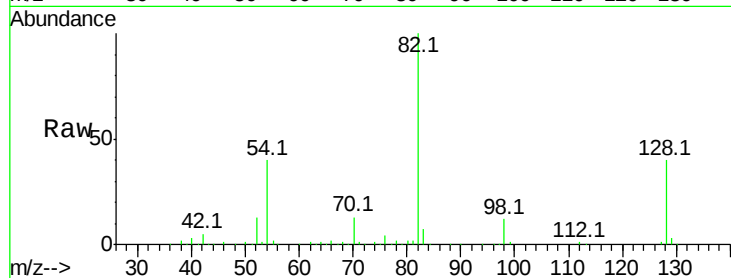
Tot Ion: 82 Resp: 654843

Ion Ratio Lower Upper

82 100

128 40.1 34.0 51.0

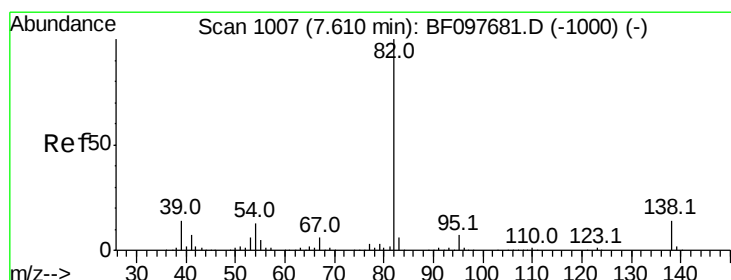
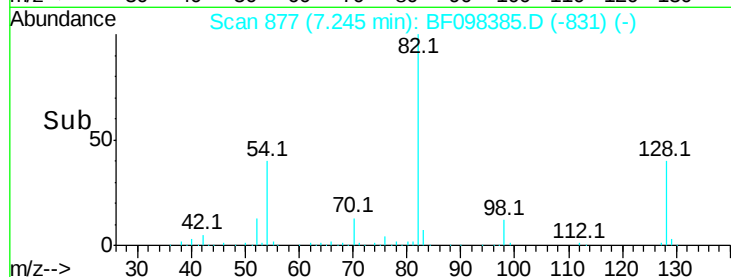
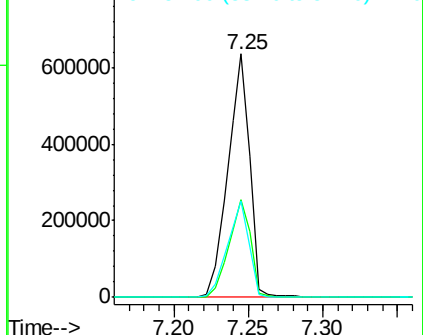
54 39.7 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 39.152 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF098385.D

Acq: 9 Sep 2017 14:56

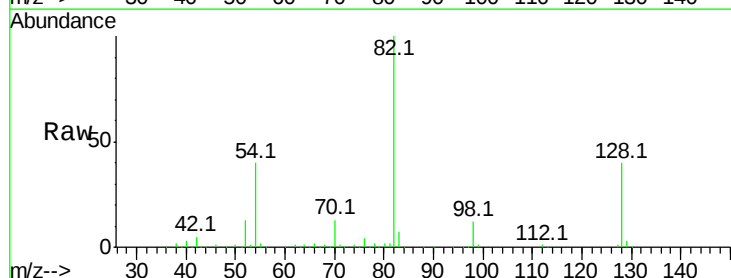
Tgt Ion: 82 Resp: 654836

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

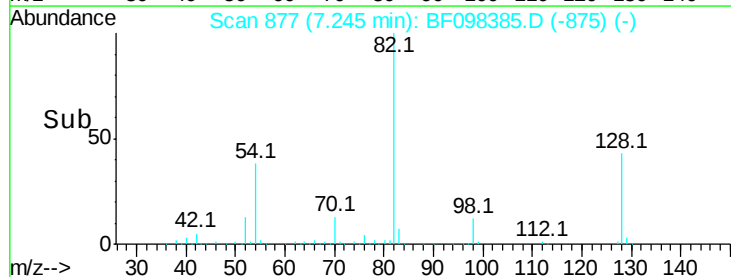
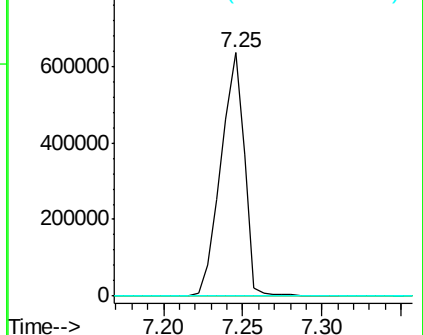
138 0.0 13.1 19.7#

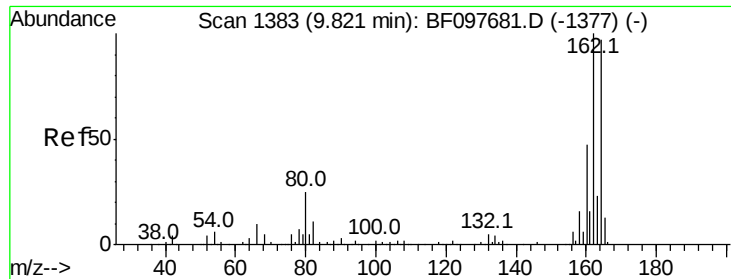


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

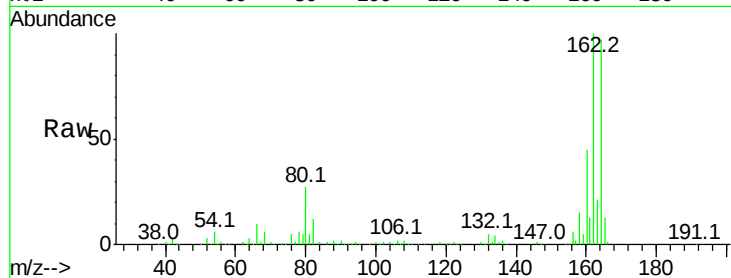




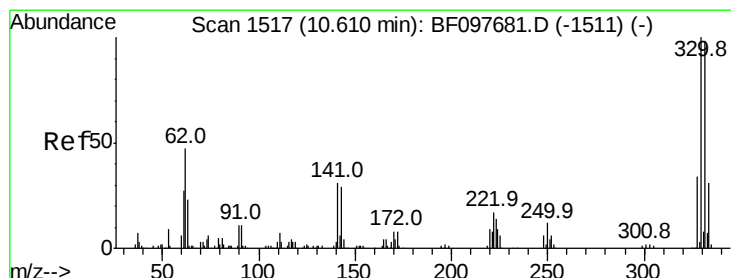
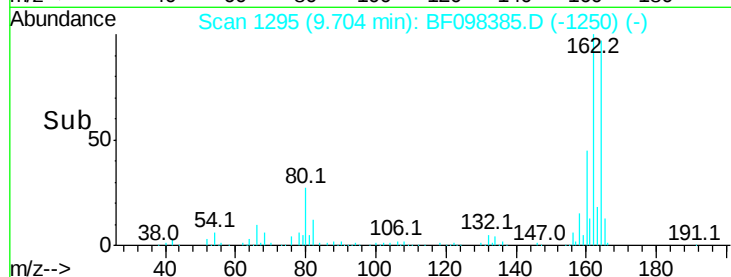
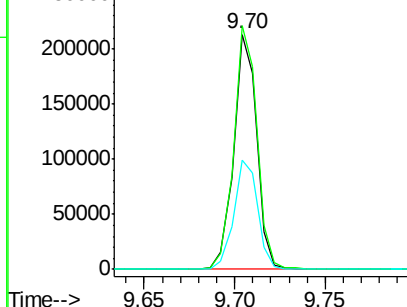
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 188234
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 46.6 36.2 54.2

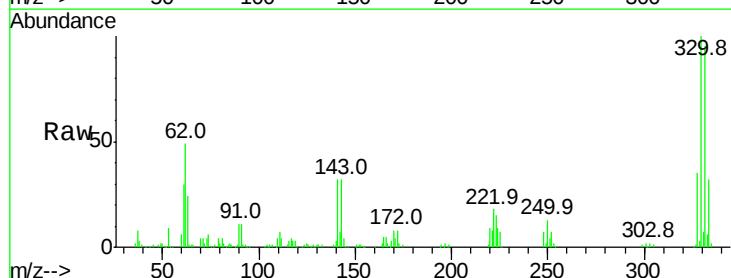


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

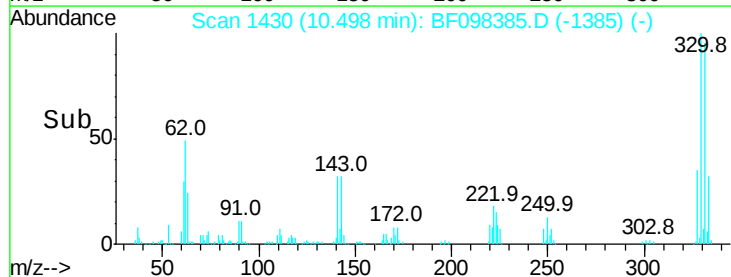
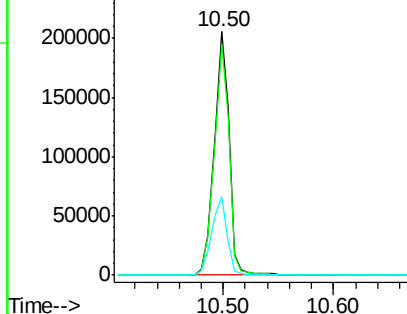


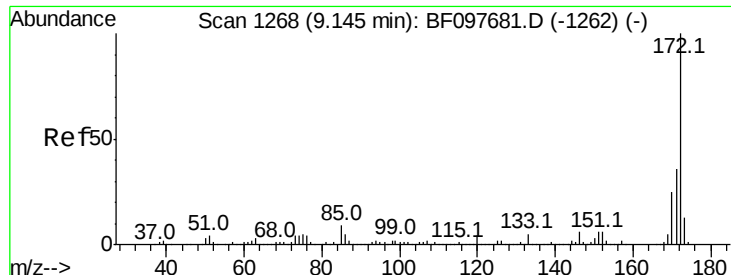
#41
2,4,6-Tribromophenol
Concen: 116.504 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Tgt Ion:330 Resp: 190278
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 33.1 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

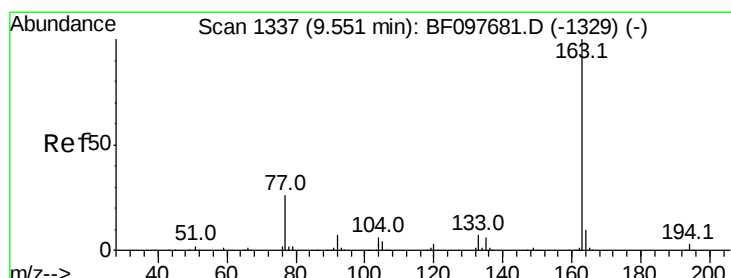
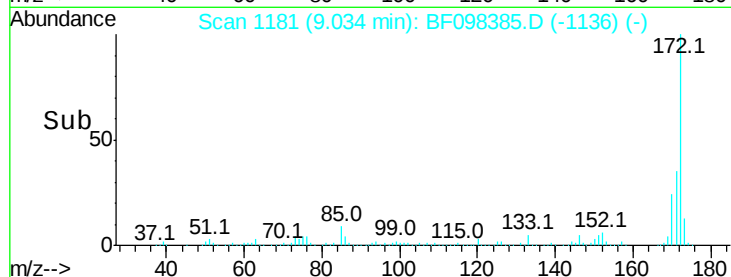
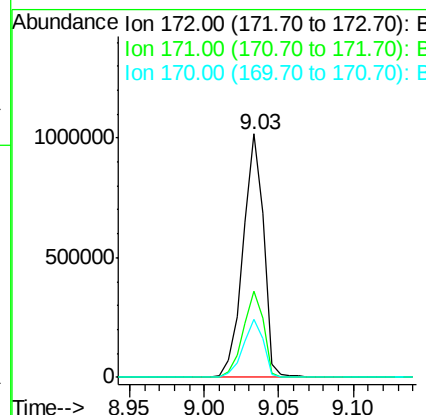
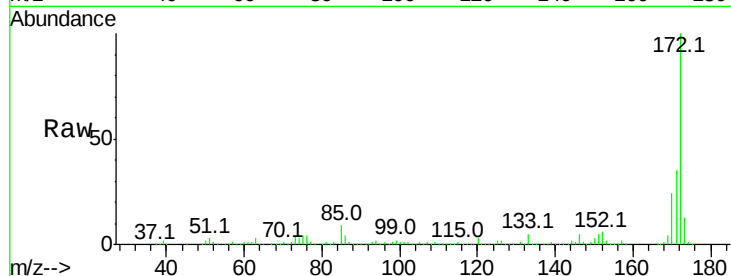




#44
2-Fluorobiphenyl
Concen: 76.629 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

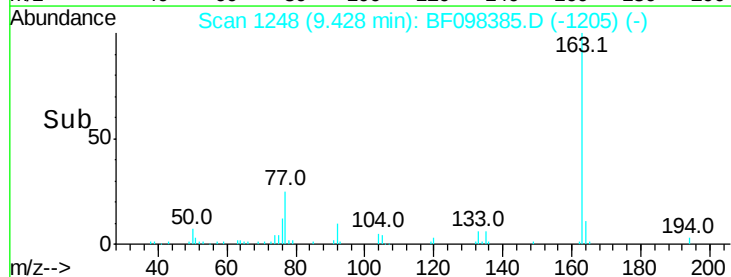
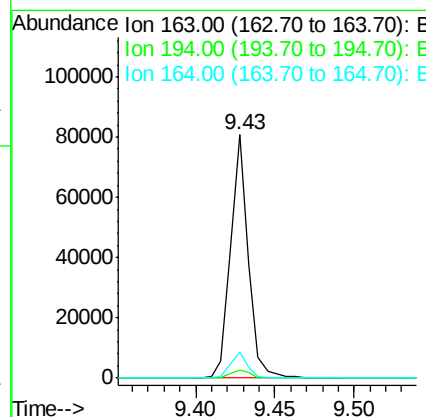
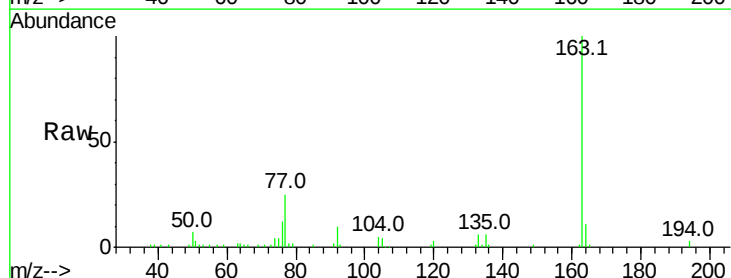
Instrument :
BNA_F
ClientSampled :

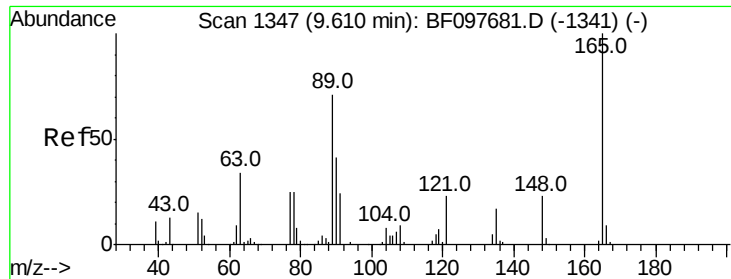
Tot Ion:172 Resp: 981767
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 4.520 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Tgt Ion:163 Resp: 62198
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.4 12.6

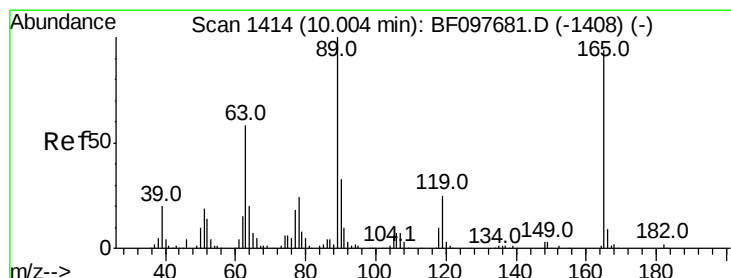
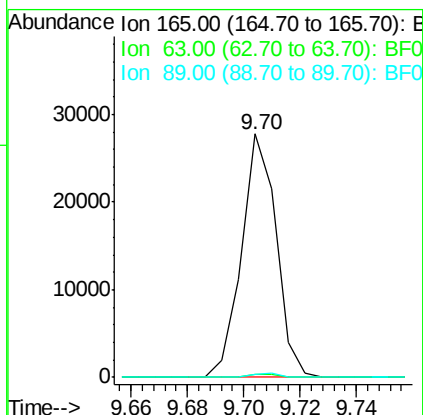
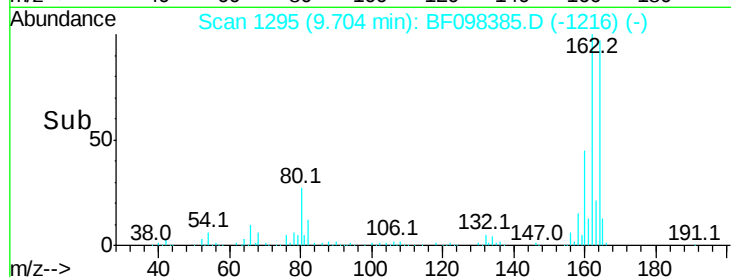
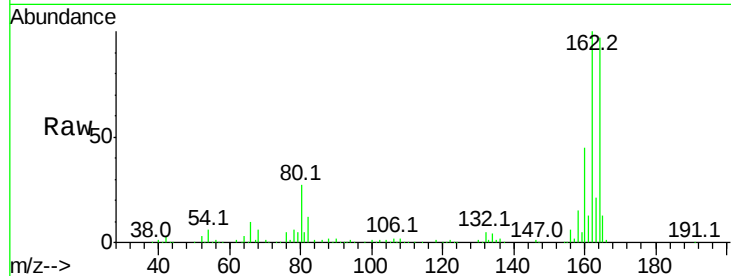




#50
 2,6-Dinitrotoluene
 Concen: 8.609 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.16 min
 Lab File: BF098385.D
 Acq: 9 Sep 2017 14:56

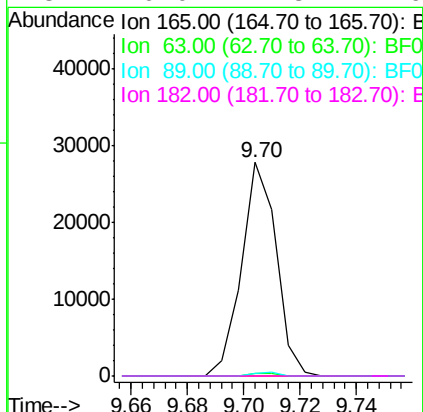
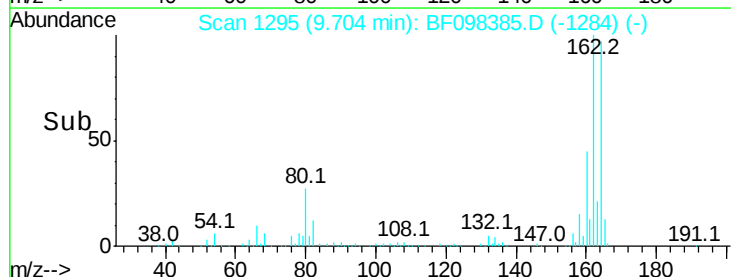
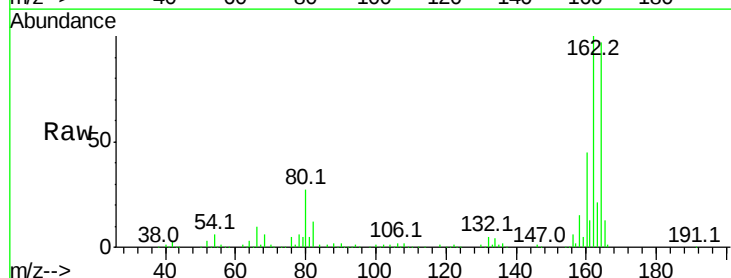
Instrument :
 BNA_F
 ClientSampleId :

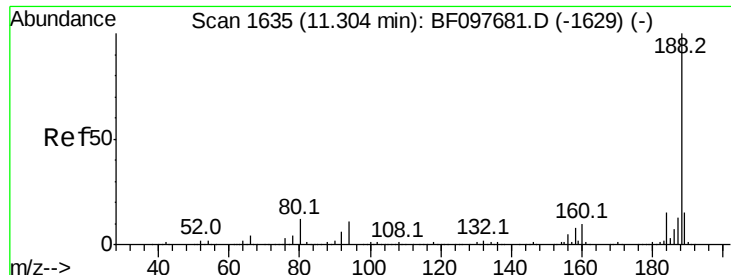
Tot Ion:	165	Resp:	23644
Ion Ratio	Lower	Upper	
165	100		
63	1.5	34.3	51.5#
89	1.4	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.860 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.24 min
 Lab File: BF098385.D
 Acq: 9 Sep 2017 14:56

Tgt Ion:	165	Resp:	23644
Ion Ratio	Lower	Upper	
165	100		
63	1.5	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

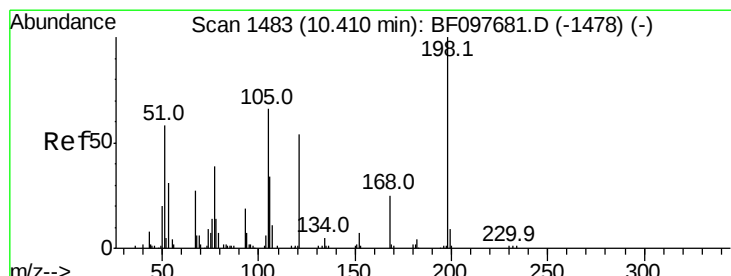
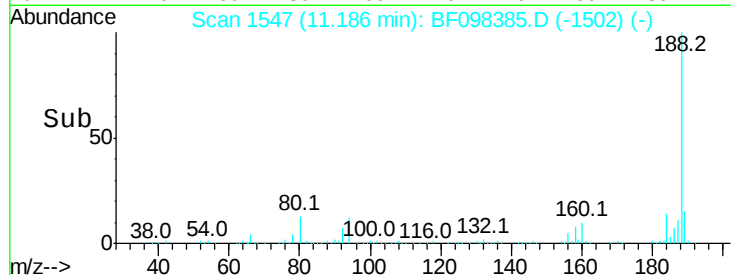
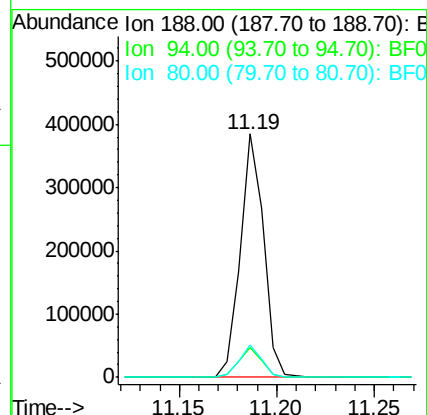
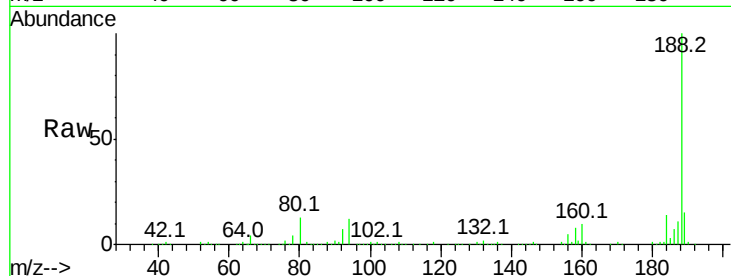




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BF098385.D
 Acq: 9 Sep 2017 14:56

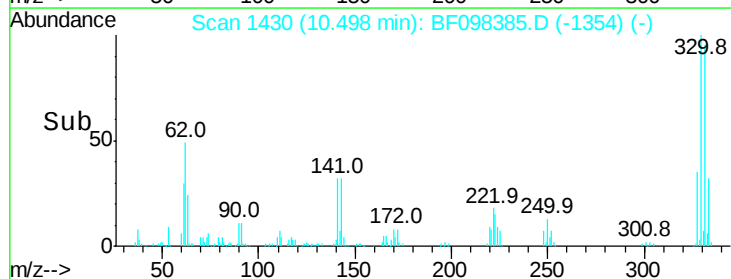
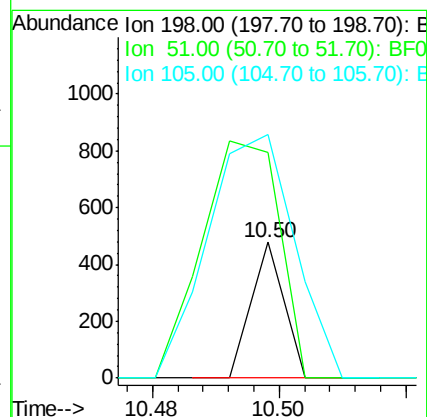
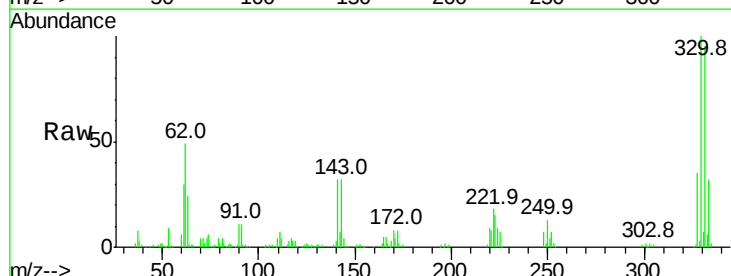
Instrument :
 BNA_F
 ClientSampleId :

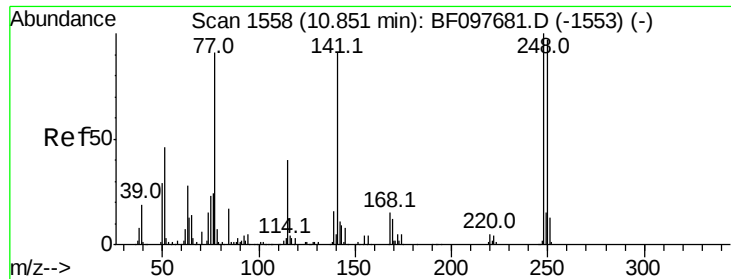
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	13.1	10.2	15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.413 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.15 min
 Lab File: BF098385.D
 Acq: 9 Sep 2017 14:56

Tgt Ion	Ratio	Lower	Upper
198	100		
51	166.5	53.2	93.2#
105	179.7	45.8	85.8#

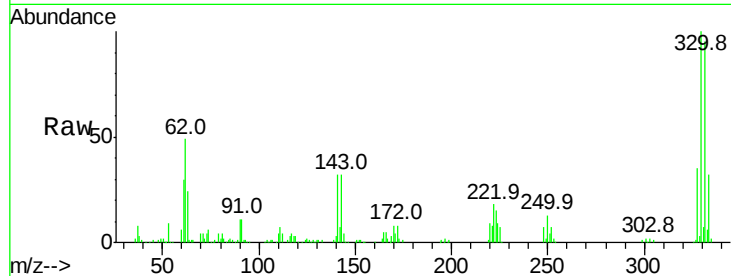




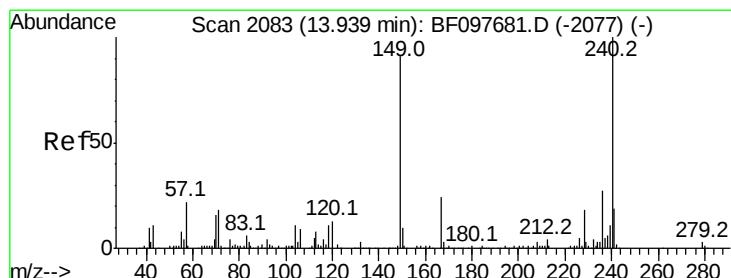
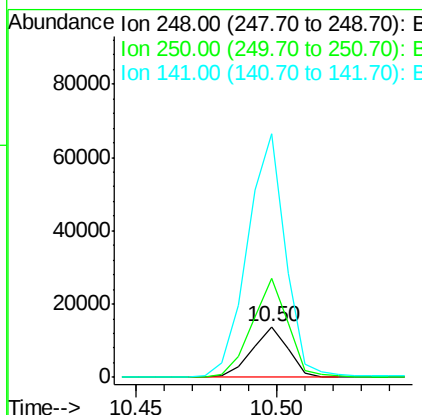
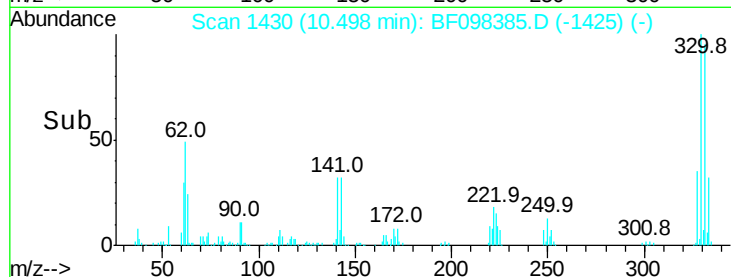
#66
4-Bromophenyl-phenylether
Concen: 3.713 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.27 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12293
Ion Ratio Lower Upper
248 100
250 193.7 76.8 115.2#
141 479.4 68.6 103.0#

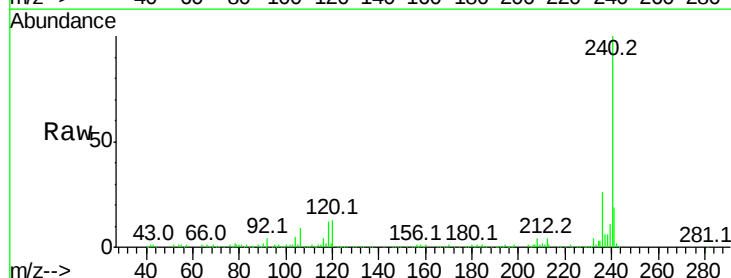


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

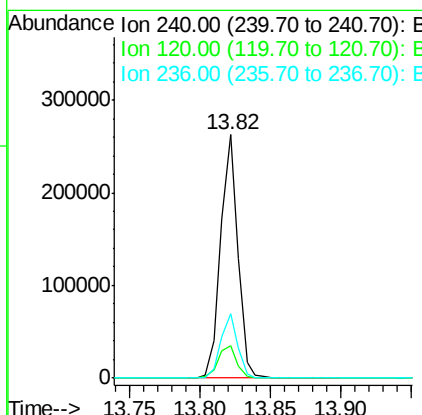
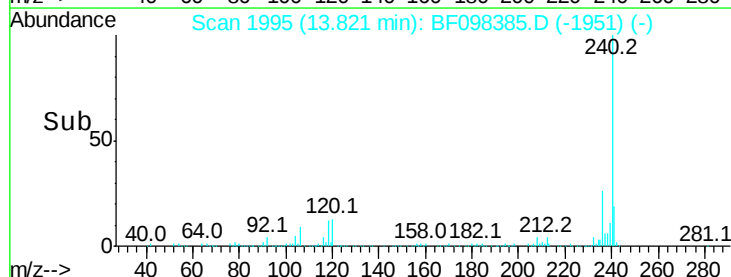


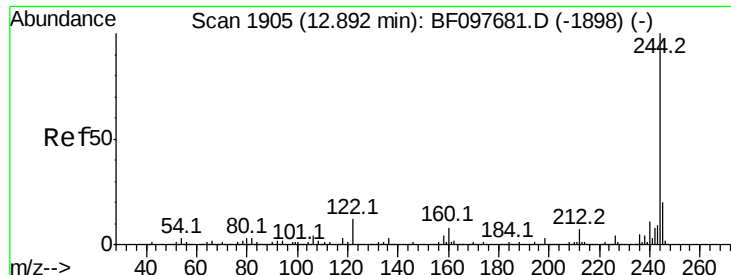
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF098385.D
Acq: 9 Sep 2017 14:56

Tgt Ion:240 Resp: 222838
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 26.4 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: 60.384 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF098385.D

Acq: 9 Sep 2017 14:56

Instrument :

BNA_F

ClientSampleId :

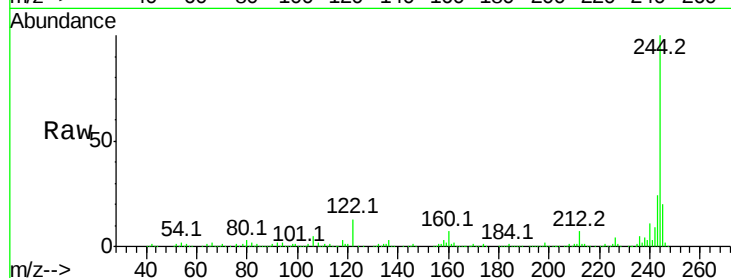
Tot Ion:244 Resp: 645265

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

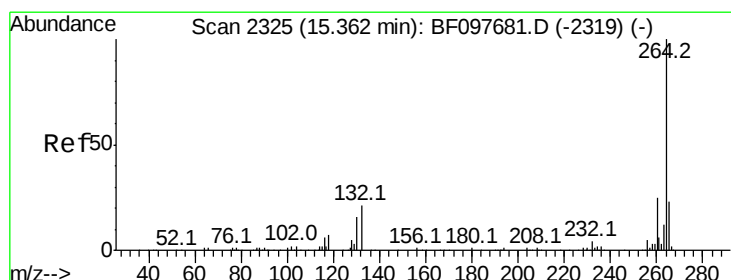
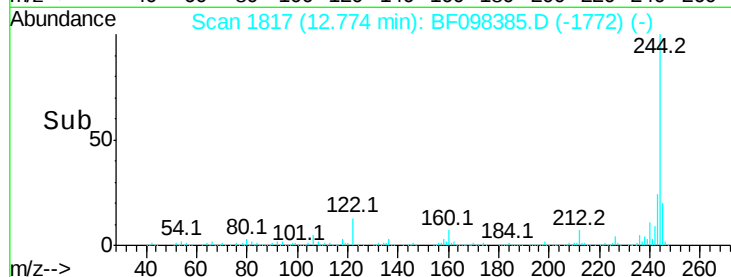
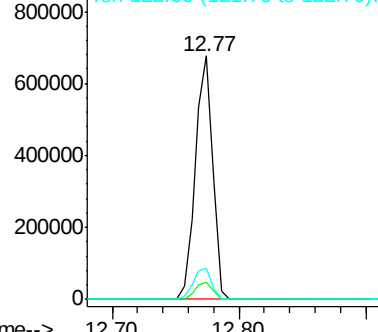
122 12.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.04 min

Lab File: BF098385.D

Acq: 9 Sep 2017 14:56

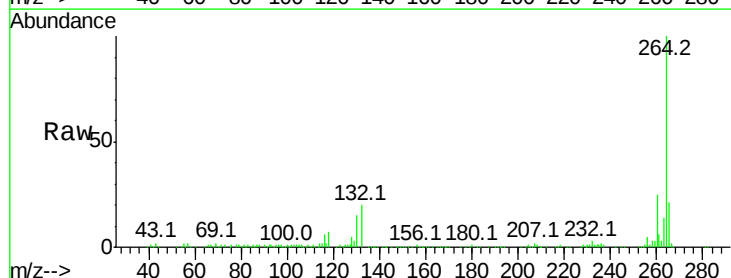
Tgt Ion:264 Resp: 218961

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 20.8 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

