

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098382.D
 Acq On : 9 Sep 2017 13:33
 Operator : SJ/JU
 Sample : I5178-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:31:23 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

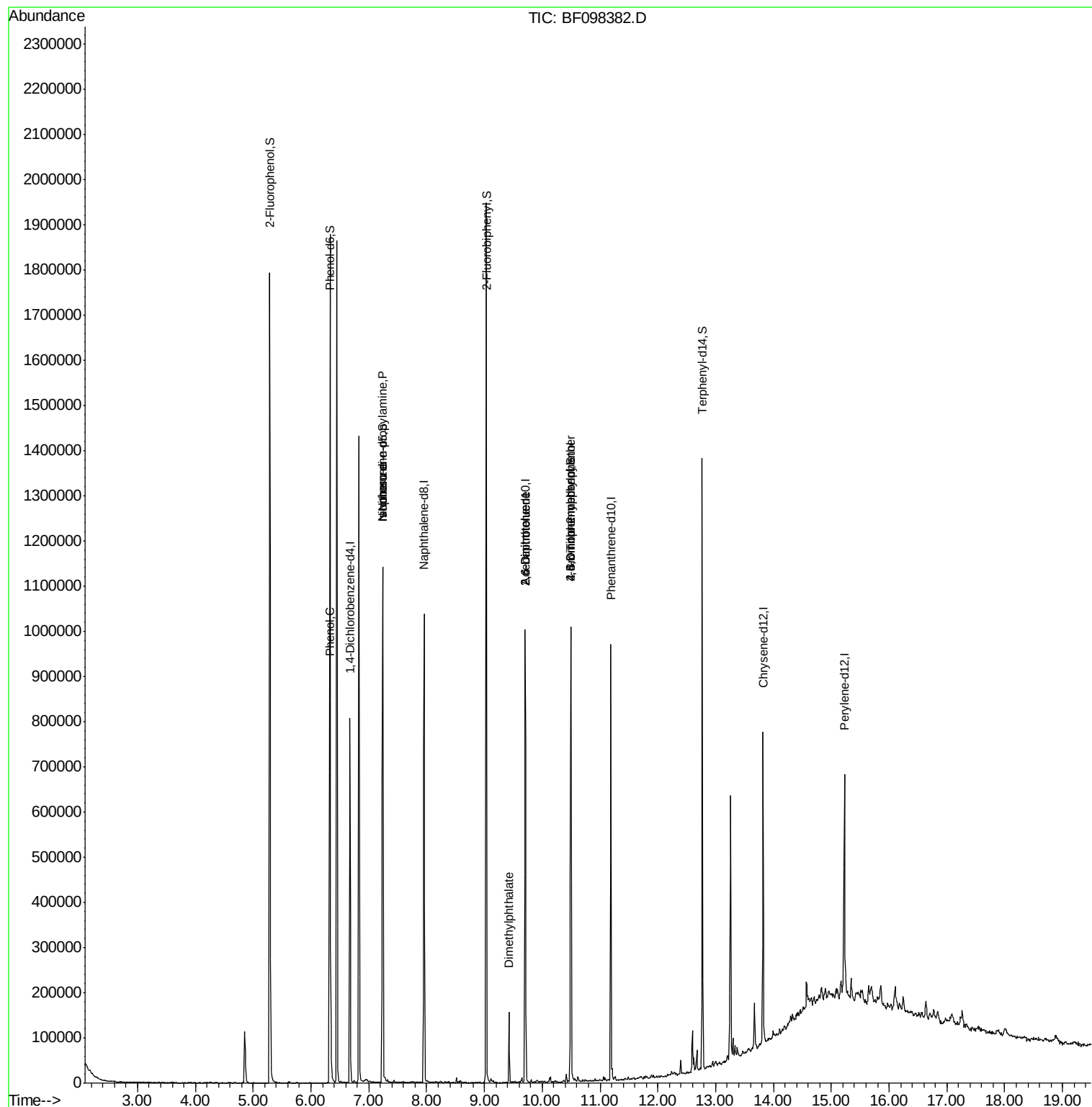
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	107551	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	419507	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	183007	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	310618	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	221844	20.00	ng	-0.04
86) Perylene-d12	15.23	264	218475	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	522098	73.84	ng	-0.02
7) Phenol-d6	6.33	99	710845	73.99	ng	-0.02
23) Nitrobenzene-d5	7.24	82	434727	56.30	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	124316	78.29	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	602775	48.39	ng	-0.04
78) Terphenyl-d14	12.77	244	396668	37.29	ng	-0.04
Target Compounds						
10) Phenol	6.34	94	61119	5.440	ng	86
19) n-Nitroso-di-n-propylamine	7.24	70	56978	8.664	ng	# 70
25) Isophorone	7.24	82	434723	27.073	ng	# 67
49) Dimethylphthalate	9.43	163	49997	3.737	ng	99
50) 2,6-Dinitrotoluene	9.70	165	23351	8.745	ng	# 34
56) 2,4-Dinitrotoluene	9.70	165	23351	6.968	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.50	198	106	8.381	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	8110	2.514	ng	# 1

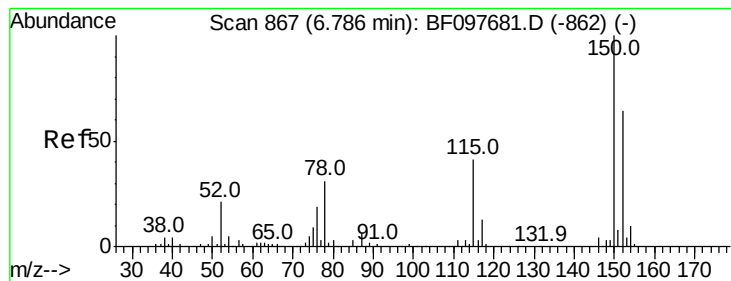
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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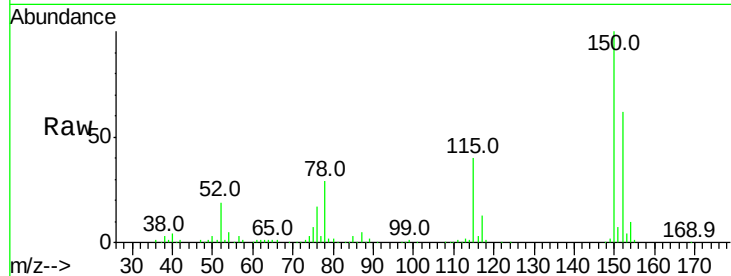


#1

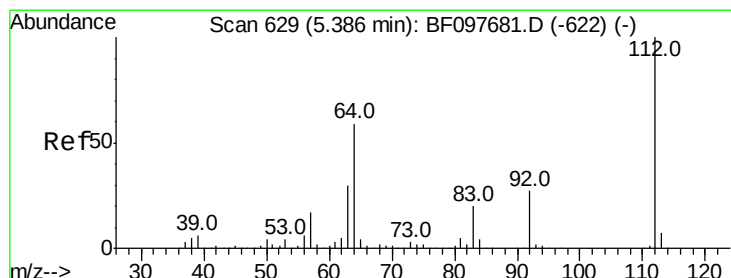
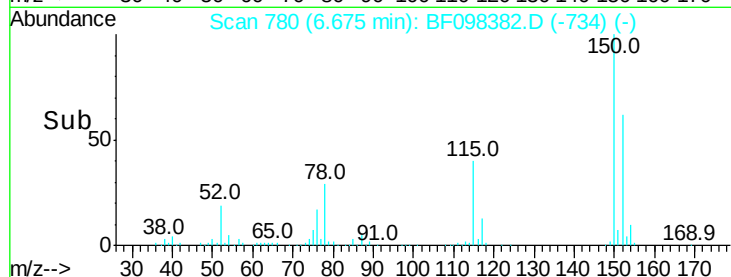
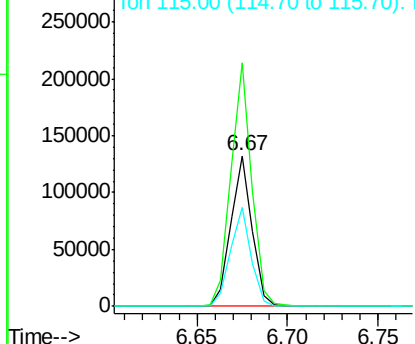
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098382.D
Acq: 9 Sep 2017 13:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107551
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 65.4 52.2 78.2



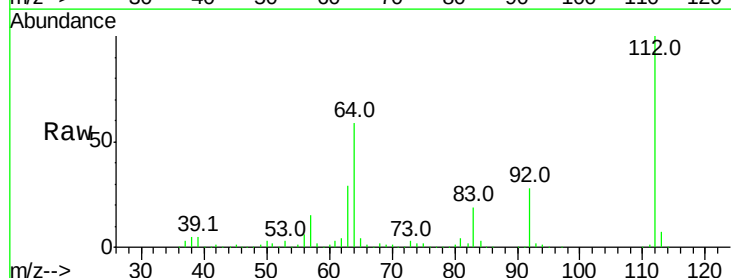
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



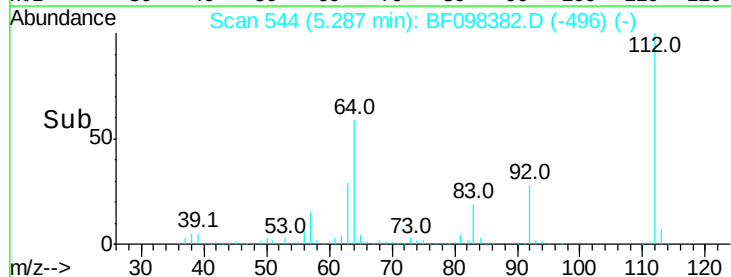
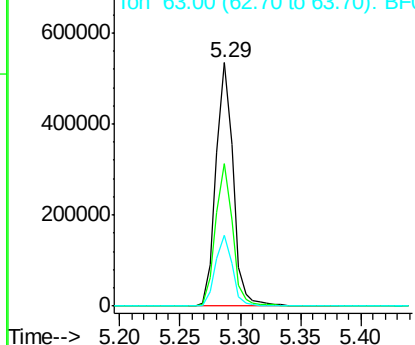
#5

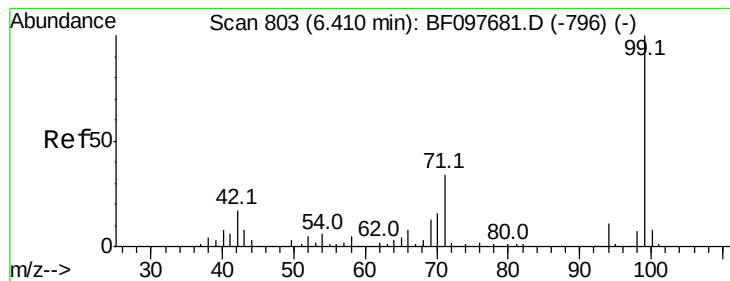
2-Fluorophenol
Concen: 73.839 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098382.D
Acq: 9 Sep 2017 13:33

Tgt Ion:112 Resp: 522098
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 28.9 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: 73.992 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098382.D

Acq: 9 Sep 2017 13:33

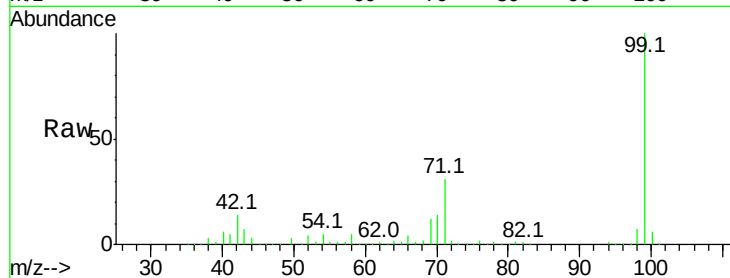
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 710845

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.5	20.3
71	30.7	24.5	36.7

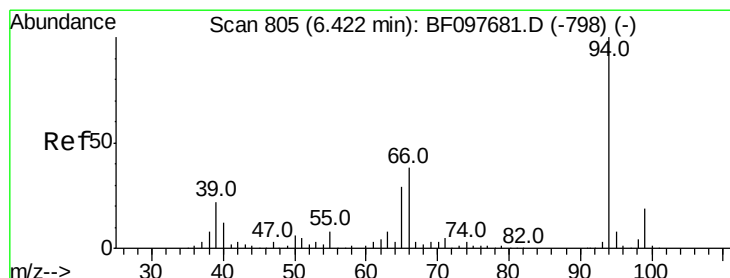
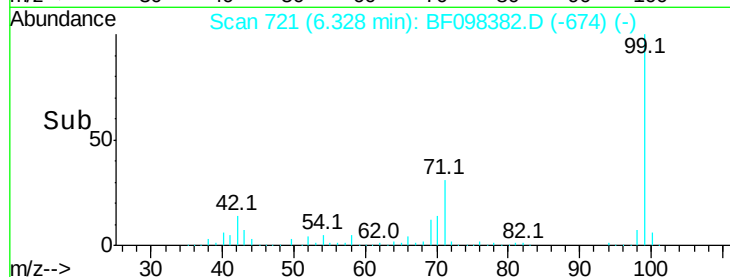
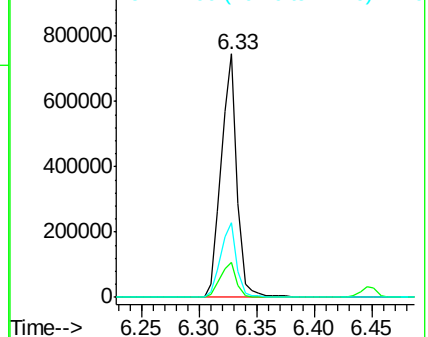


Abundance

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: 5.440 ng

RT: 6.34 min Scan# 723

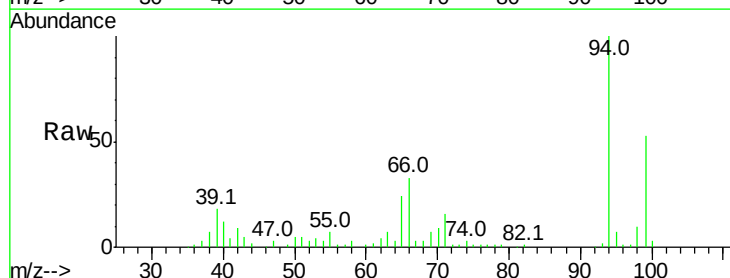
Delta R.T. -0.02 min

Lab File: BF098382.D

Acq: 9 Sep 2017 13:33

Tgt Ion: 94 Resp: 61119

Ion	Ratio	Lower	Upper
94	100		
65	23.8	9.9	49.9
66	33.1	23.1	63.1

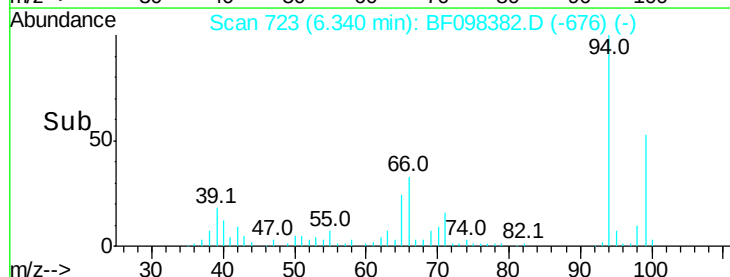
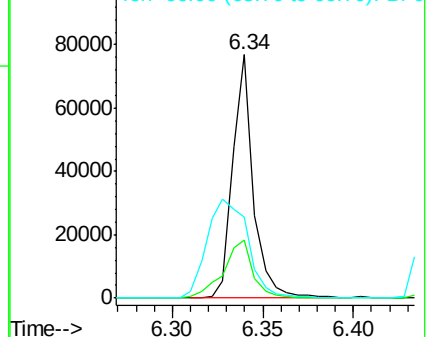


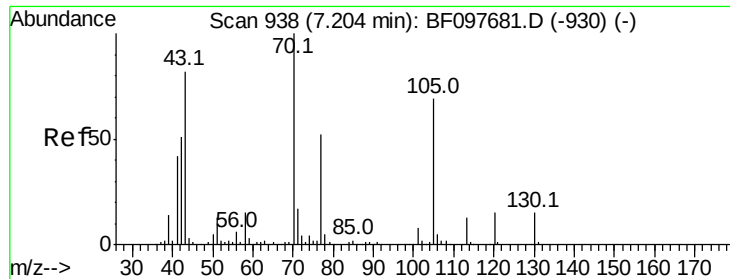
Abundance

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

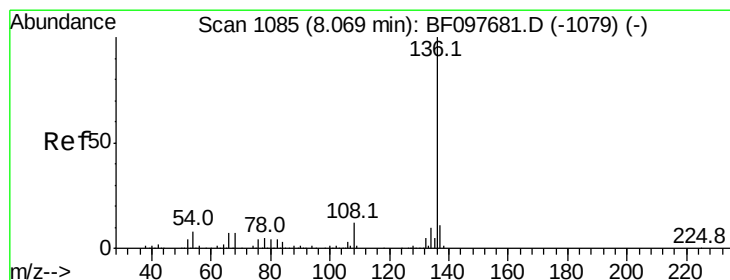
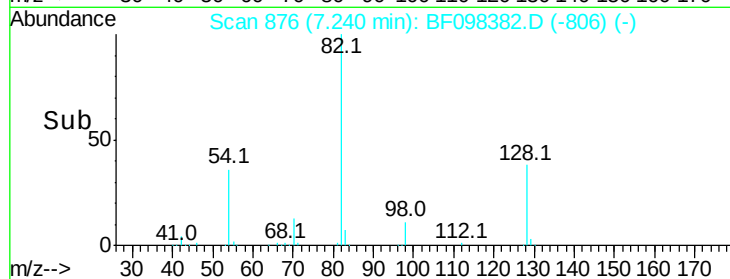
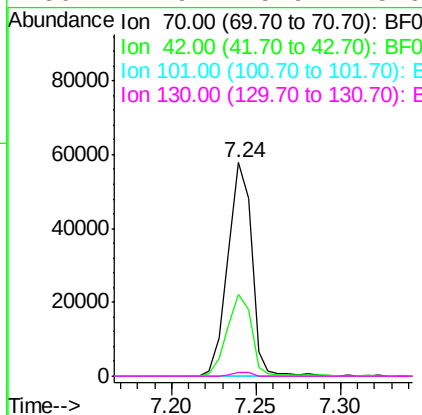
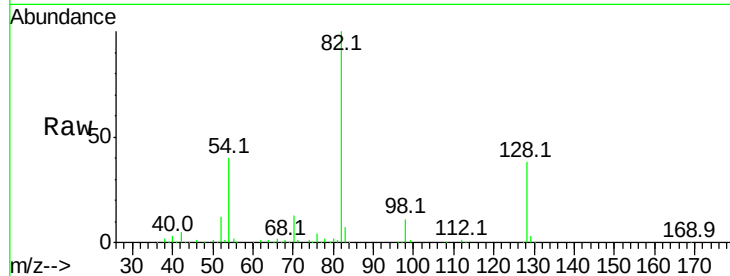




#19
n-Nitroso-di-n-propylamine
Concen: 8.664 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.11 min
Lab File: BF098382.D
Acq: 9 Sep 2017 13:33

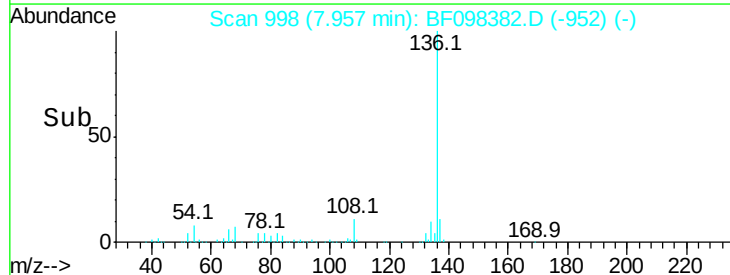
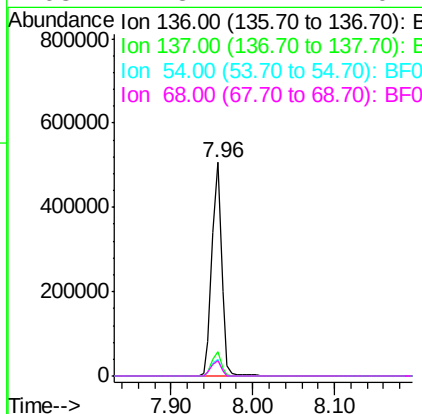
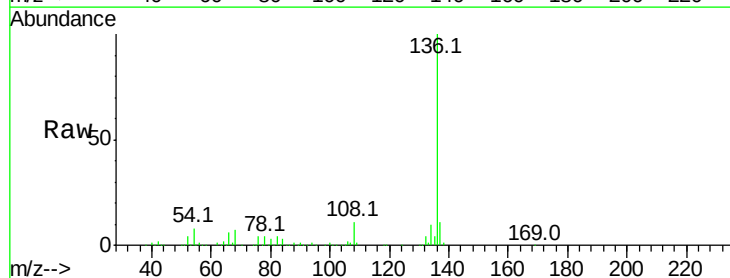
Instrument :
BNA_F
ClientSampleId :

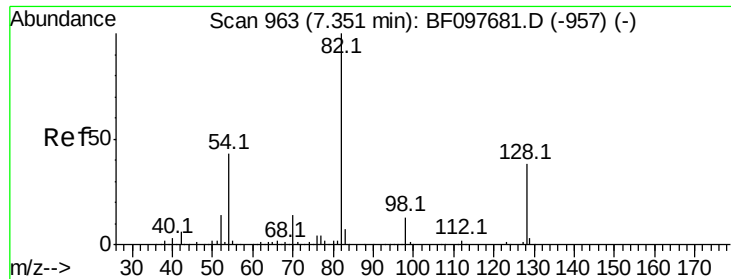
Tot Ion: 70 Resp: 56978
Ion Ratio Lower Upper
70 100
42 38.6 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098382.D
Acq: 9 Sep 2017 13:33

Tgt Ion: 136 Resp: 419507
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.6 4.9 7.3#
68 7.3 4.1 6.1#

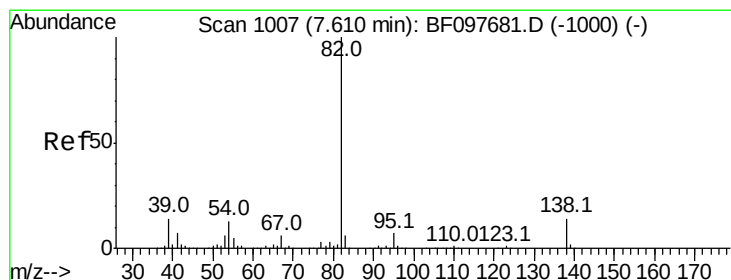
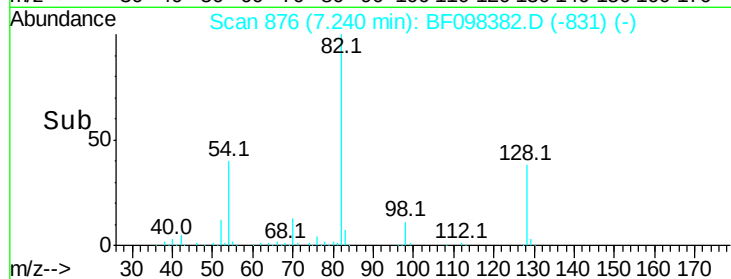
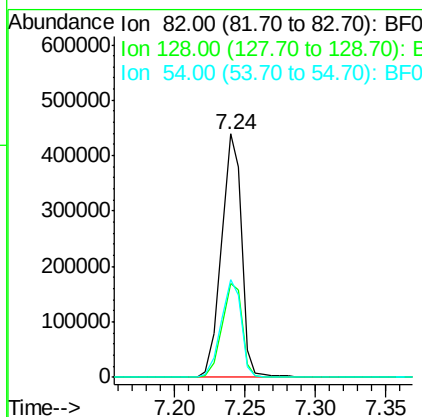
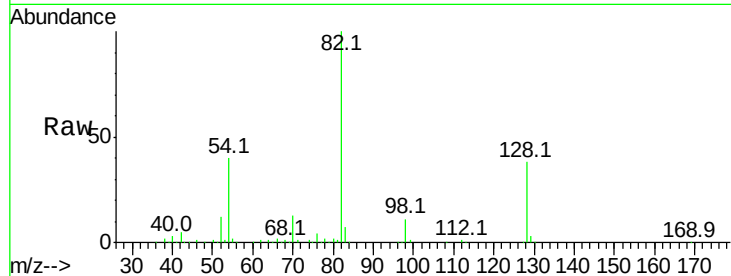




#23
 Nitrobenzene-d5
 Concen: 56.296 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.04 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

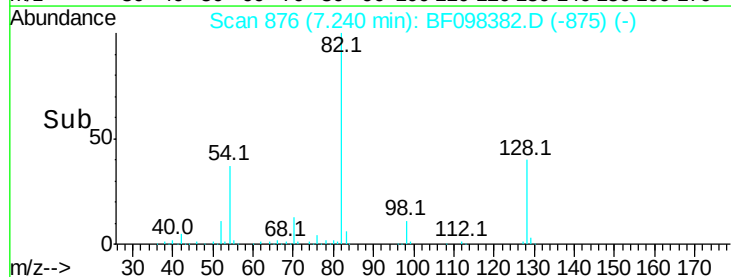
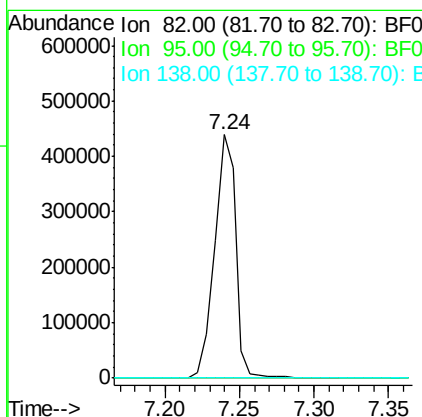
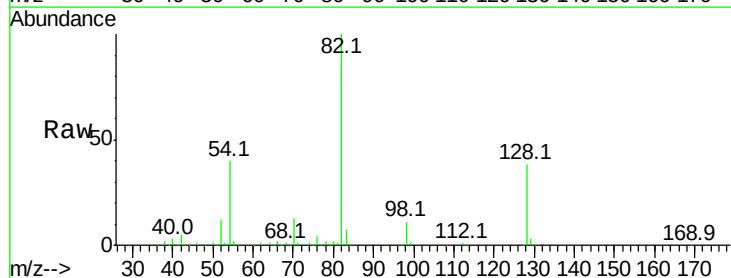
Instrument :
 BNA_F
 ClientSampled :

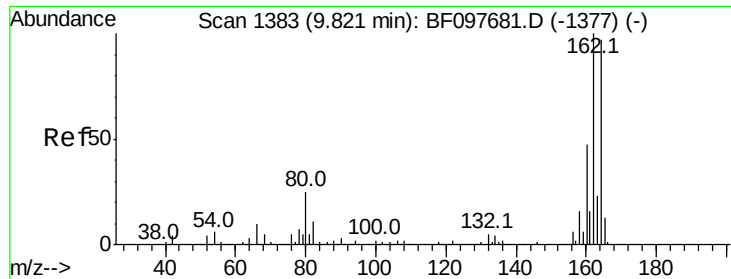
Tot Ion	82	Resp	434727
Ion Ratio	100	Lower	Upper
128	38.3	34.0	51.0
54	40.1	42.2	63.2#



#25
 Isophorone
 Concen: 27.073 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.29 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

Tgt Ion	82	Resp	434723
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

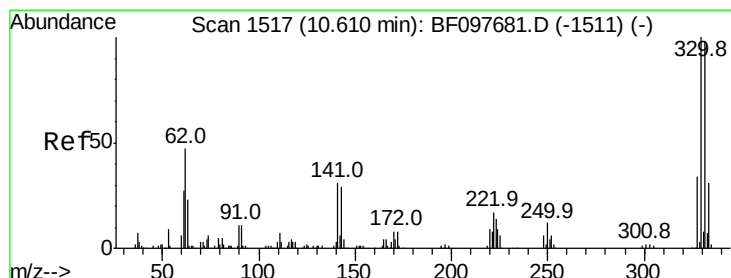
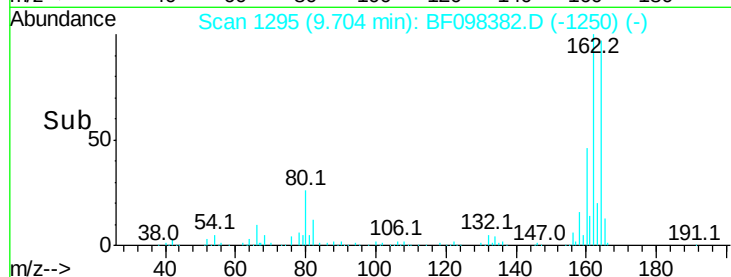
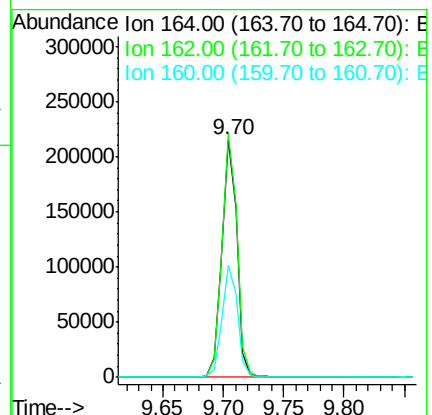
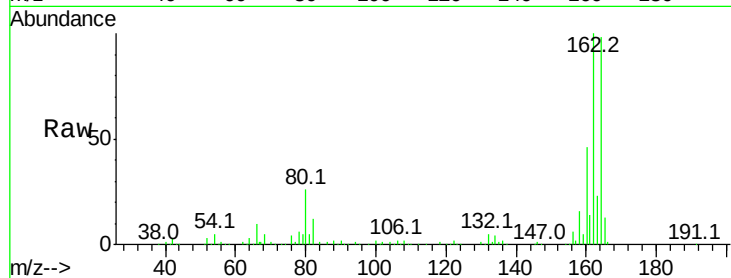




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098382.D
Acq: 9 Sep 2017 13:33

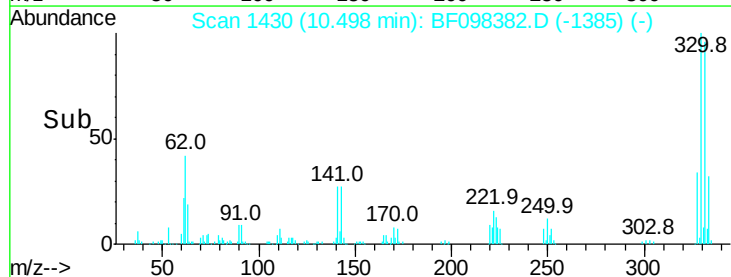
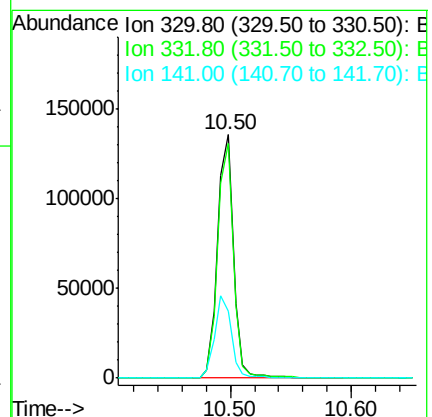
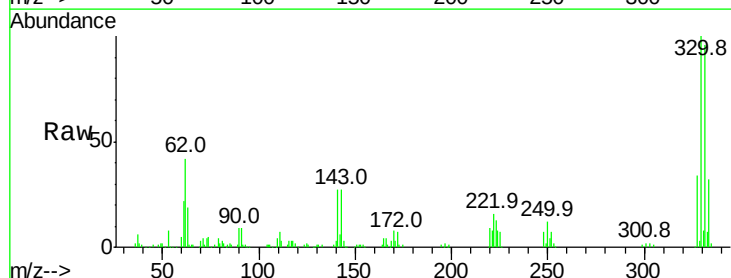
Instrument :
BNA_F
ClientSampleId :

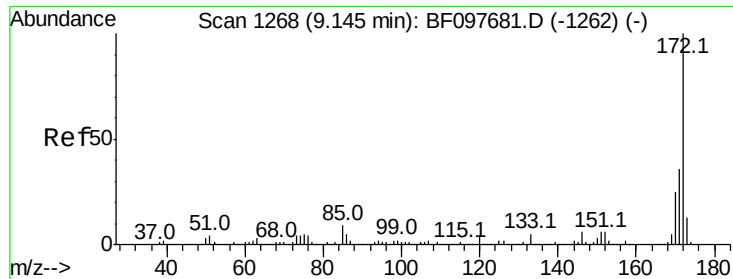
Tot Ion:164 Resp: 183007
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 46.8 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 78.290 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098382.D
Acq: 9 Sep 2017 13:33

Tgt Ion:330 Resp: 124316
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 35.3 31.4 47.2

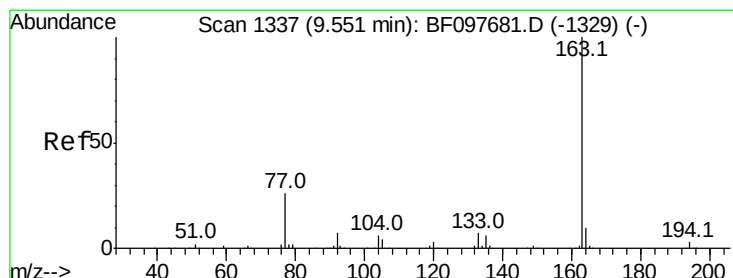
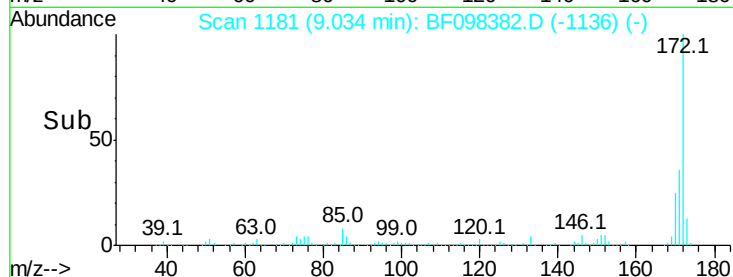
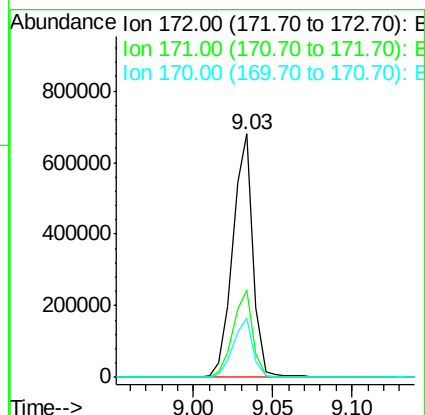
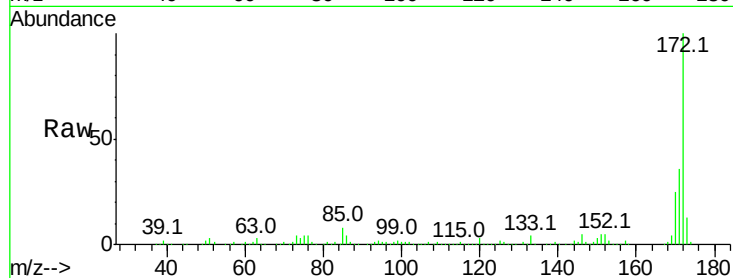




#44
 2-Fluorobiphenyl
 Concen: 48.392 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

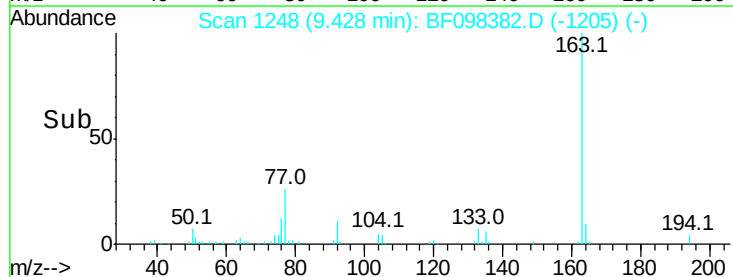
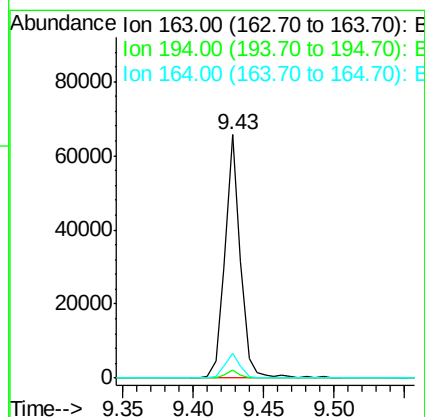
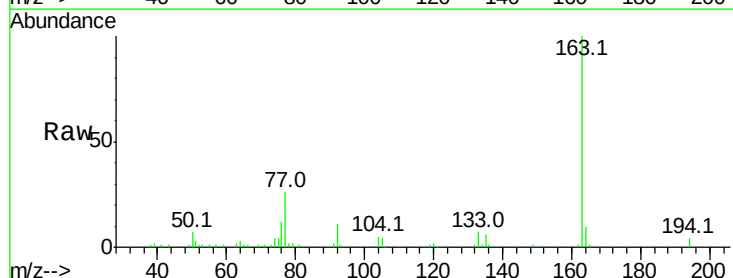
Instrument :
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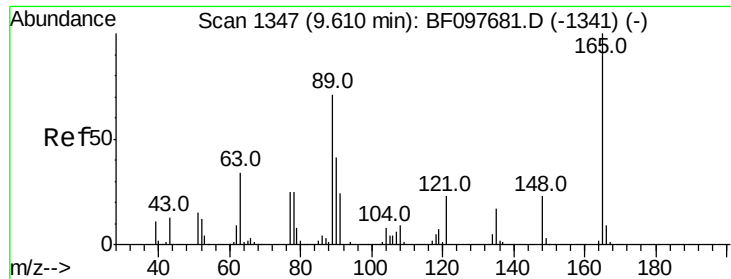
Tot Ion:172 Resp: 602775
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 3.737 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

Tgt Ion:163 Resp: 49997
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.3 8.4 12.6

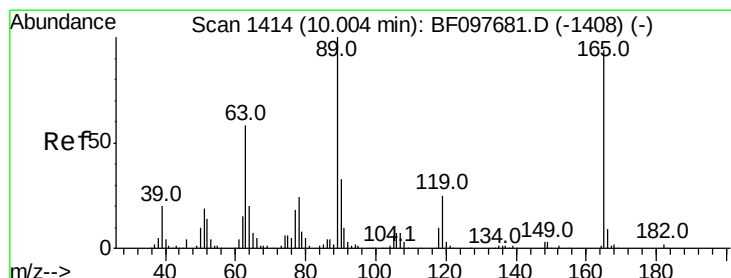
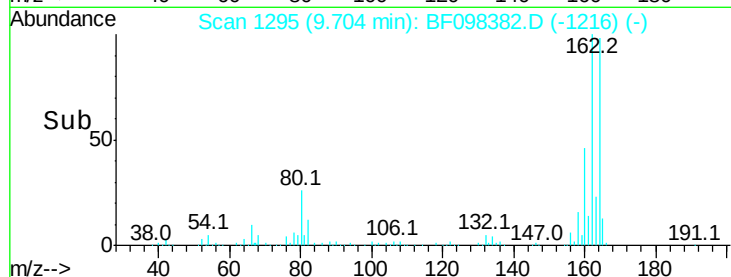
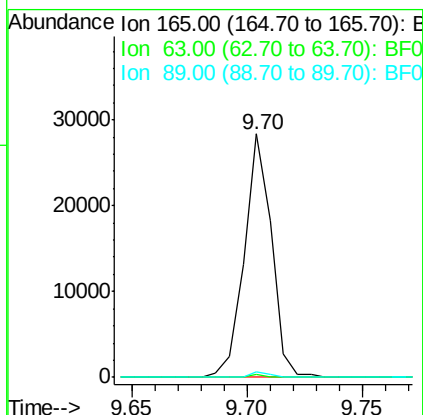
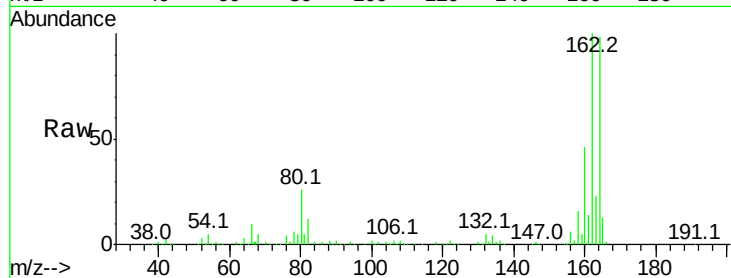




#50
 2,6-Dinitrotoluene
 Concen: 8.745 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.16 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

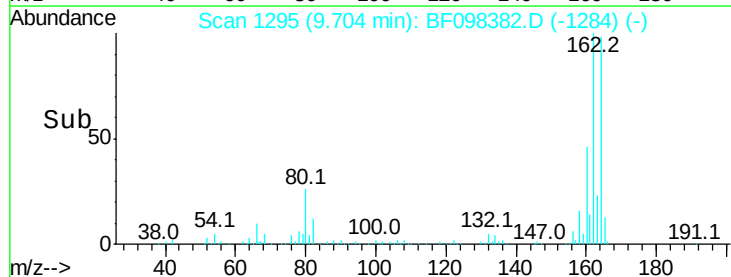
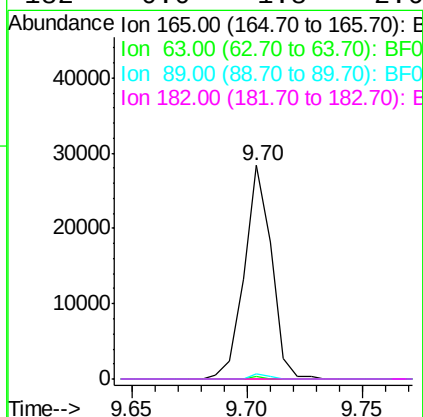
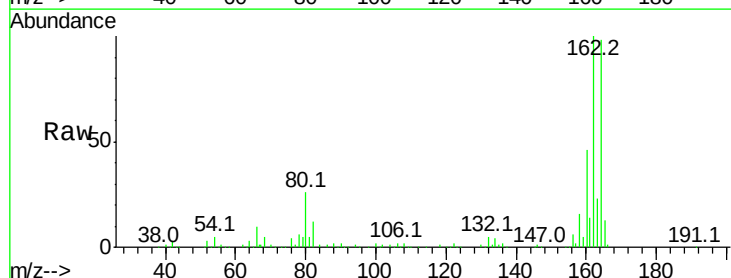
Instrument :
 BNA_F
 ClientSampleId :

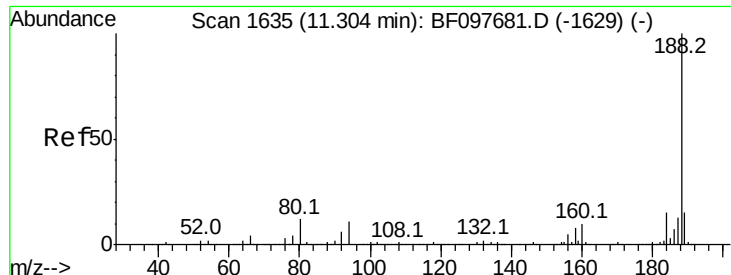
Tot Ion:	165	Resp:	23351
Ion Ratio	Lower	Upper	
165	100		
63	1.1	34.3	51.5#
89	2.2	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.968 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.24 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

Tgt Ion:	165	Resp:	23351
Ion Ratio	Lower	Upper	
165	100		
63	1.1	25.4	38.0#
89	2.2	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: BF098382.D

Acq: 9 Sep 2017 13:33

Instrument :

BNA_F

ClientSampleId :

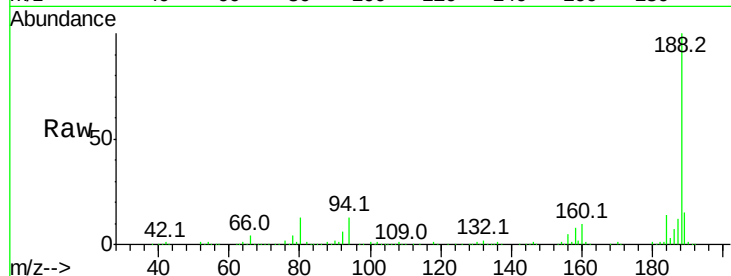
Tot Ion:188 Resp: 310618

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

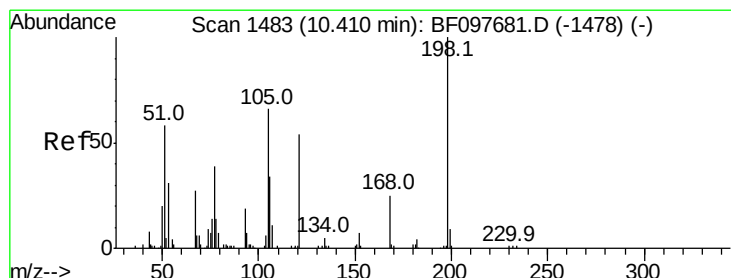
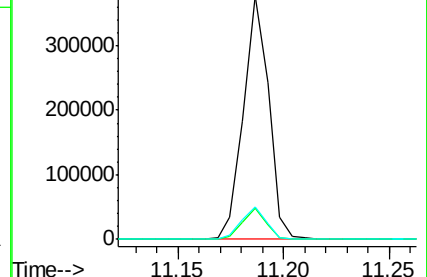
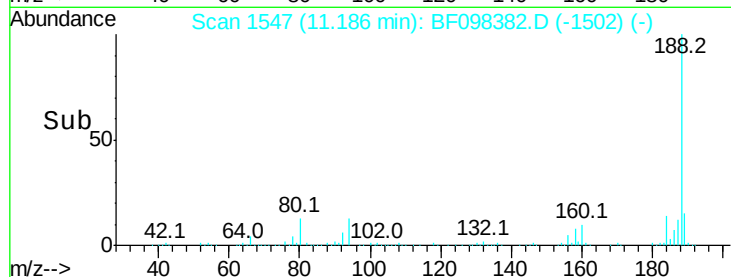
80 13.4 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.381 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.15 min

Lab File: BF098382.D

Acq: 9 Sep 2017 13:33

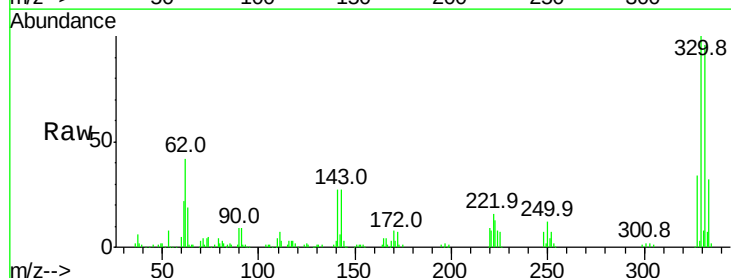
Tgt Ion:198 Resp: 106

Ion Ratio Lower Upper

198 100

51 148.0 53.2 93.2#

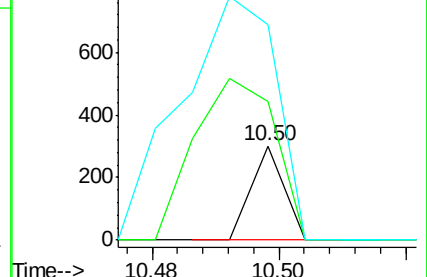
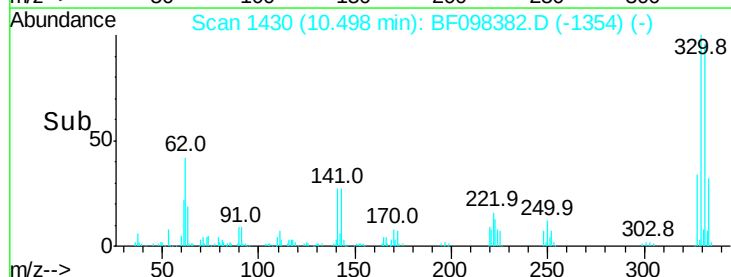
105 229.3 45.8 85.8#

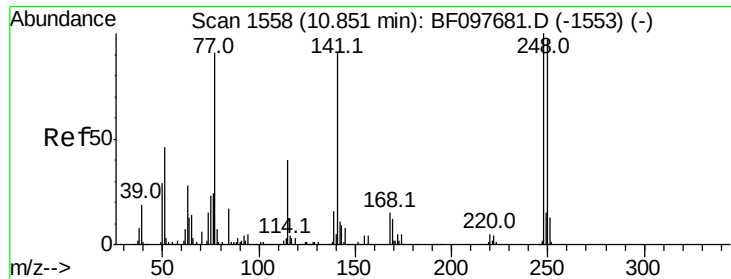


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

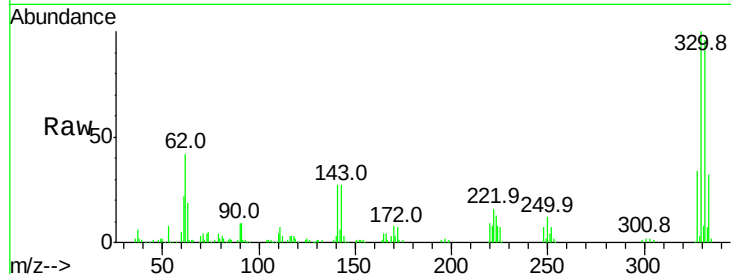




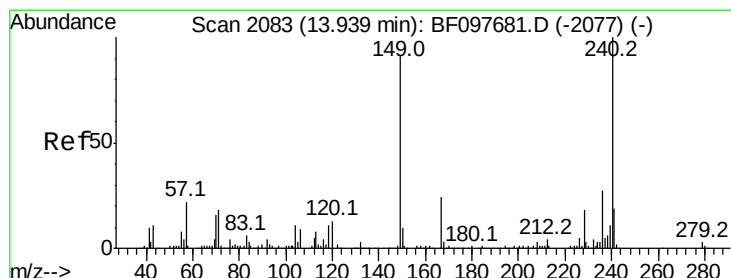
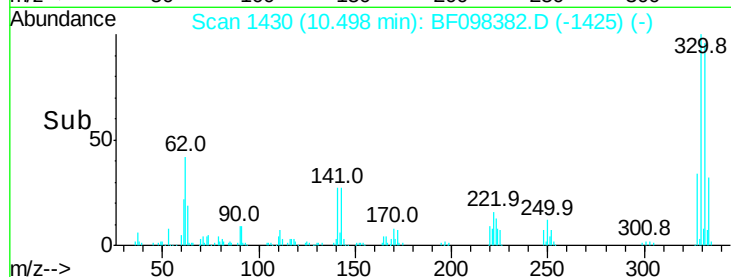
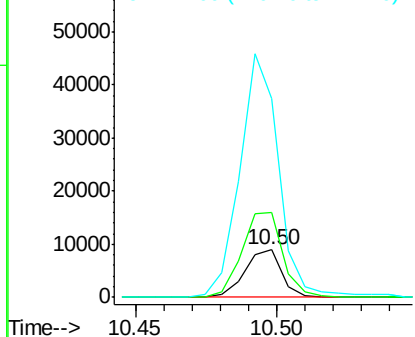
#66
 4-Bromophenyl-phenylether
 Concen: 2.514 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.27 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8110
 Ion Ratio Lower Upper
 248 100
 250 179.5 76.8 115.2#
 141 420.6 68.6 103.0#

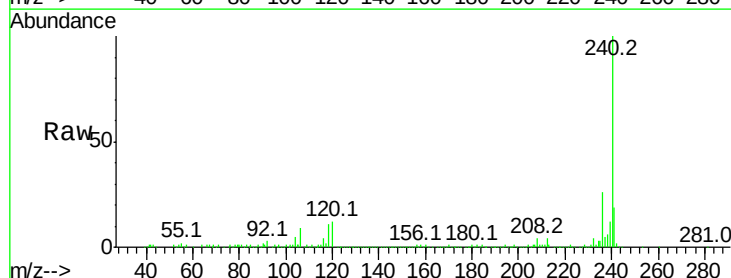


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

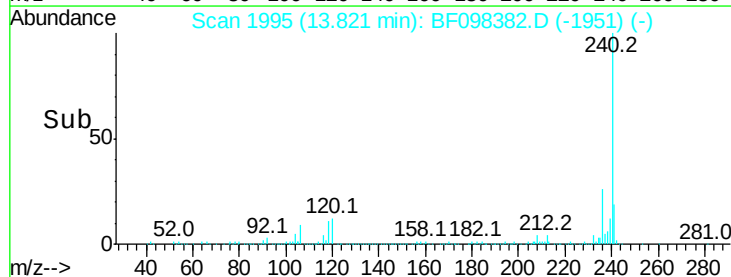
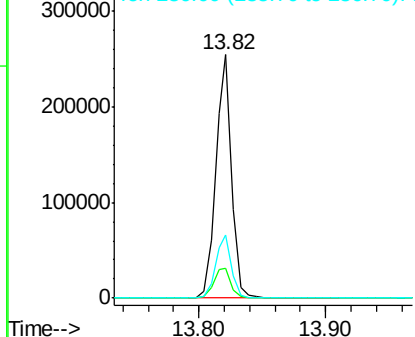


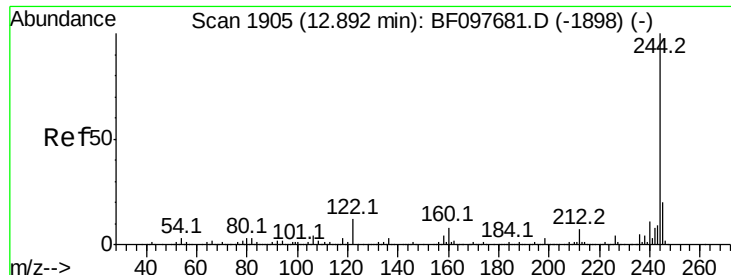
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF098382.D
 Acq: 9 Sep 2017 13:33

Tgt Ion:240 Resp: 221844
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.8 8.8#
 236 26.1 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: 37.287 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.04 min

Lab File: BF098382.D

Acq: 9 Sep 2017 13:33

Instrument :

BNA_F

ClientSampled :

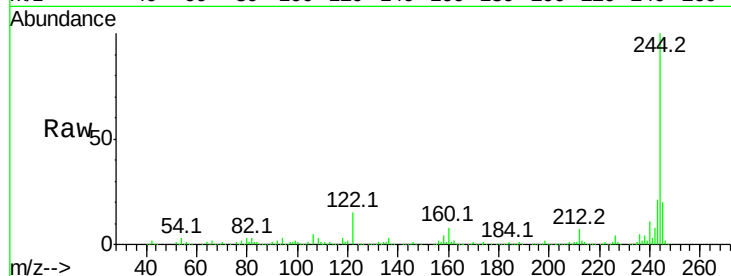
Tot Ion:244 Resp: 396668

Ion Ratio Lower Upper

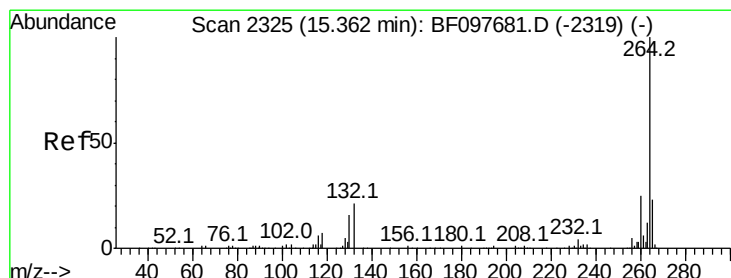
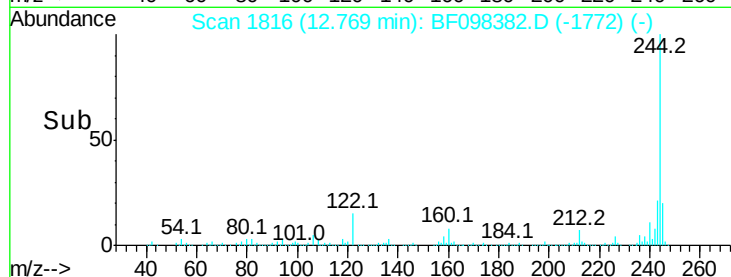
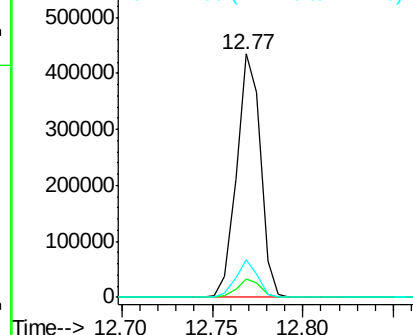
244 100

212 7.3 6.0 9.0

122 15.2 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: BF098382.D

Acq: 9 Sep 2017 13:33

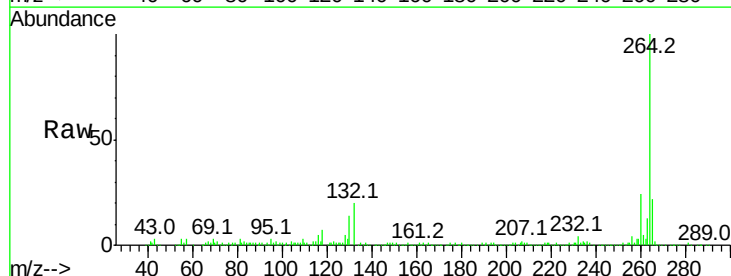
Tgt Ion:264 Resp: 218475

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.0 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

