

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098315.D
 Acq On : 7 Sep 2017 15:57
 Operator : SJ/JU
 Sample : I5075-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Quant Time: Sep 07 17:11:30 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

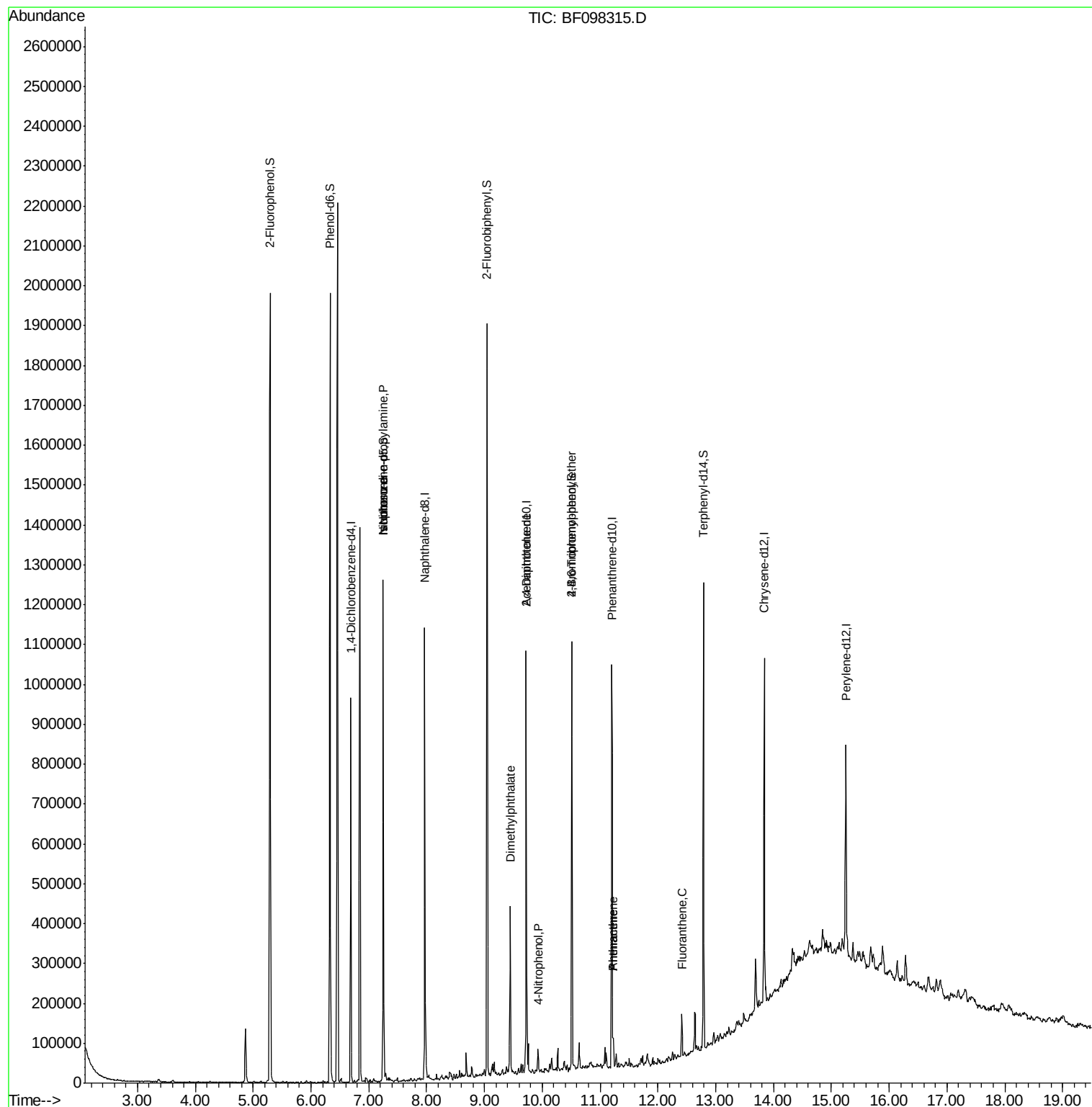
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121778	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	480302	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	203516	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	338427	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	271970	20.00	ng	-0.02
86) Perylene-d12	15.25	264	227139	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	575239	71.85	ng	-0.01
7) Phenol-d6	6.33	99	793268	72.92	ng	-0.02
23) Nitrobenzene-d5	7.25	82	480393	54.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	119971	67.94	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	591813	42.72	ng	-0.02
78) Terphenyl-d14	12.79	244	355093	27.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	64991	8.728	ng	# 73
25) Isophorone	7.25	82	480387	26.130	ng	# 67
49) Dimethylphthalate	9.45	163	134885	9.067	ng	# 99
55) 4-Nitrophenol	9.93	139	6447	2.109	ng	# 39
56) 2,4-Dinitrotoluene	9.72	165	27493	7.378	ng	# 33
66) 4-Bromophenyl-phenylether	10.51	248	8106	2.307	ng	# 1
70) Phenanthrene	11.23	178	39110	2.169	ng	97
71) Anthracene	11.23	178	39110	2.138	ng	98
74) Fluoranthene	12.42	202	40016	2.126	ng	100

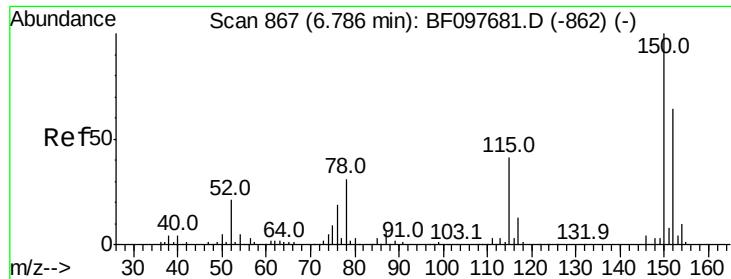
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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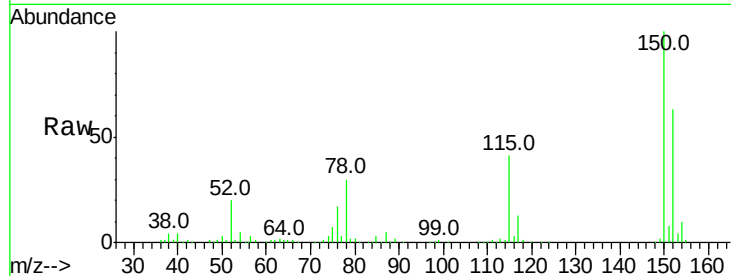


#1

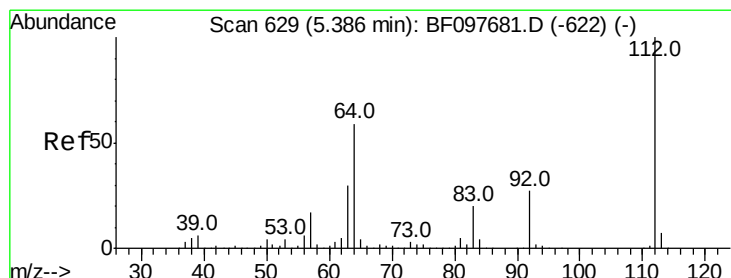
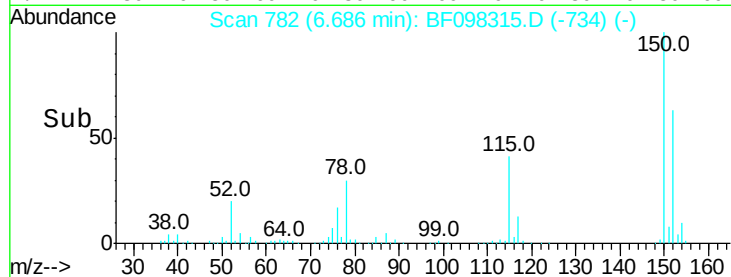
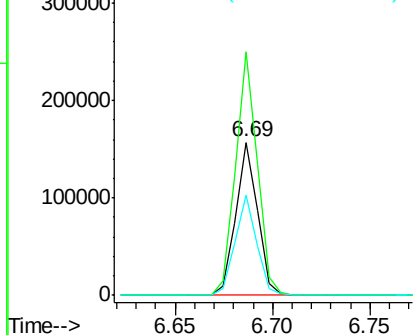
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Tot Ion:152 Resp: 121778
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.2 189.2
 115 65.7 52.2 78.2



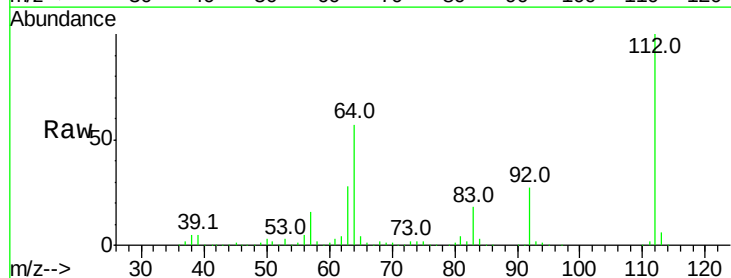
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



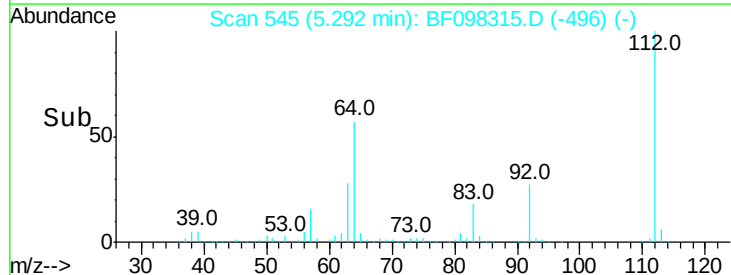
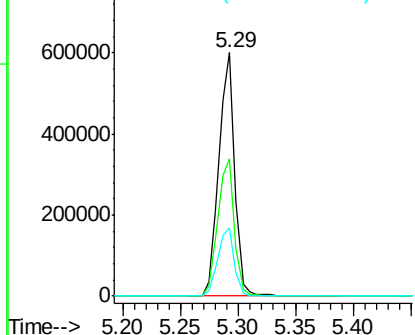
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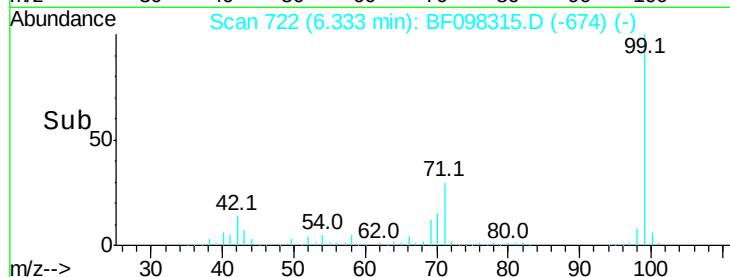
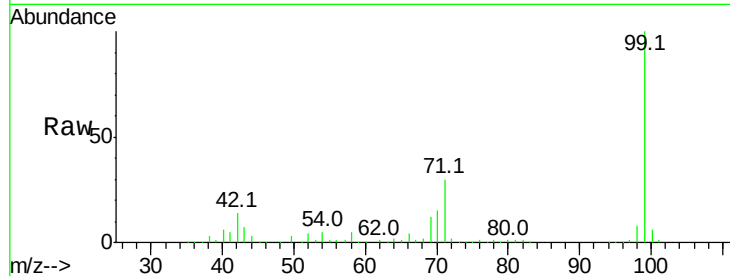
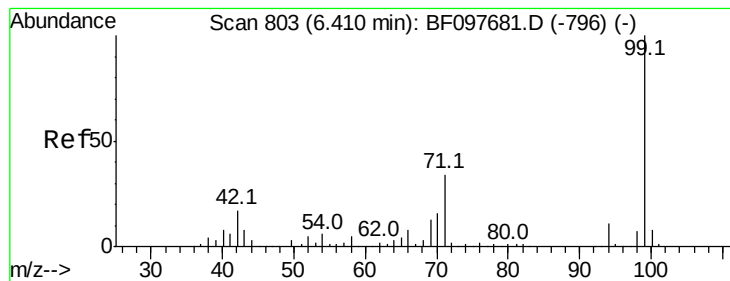
2-Fluorophenol
 Concen: 71.851 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Tgt Ion:112 Resp: 575239
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.0 69.0
 63 28.1 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: 72.925 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Instrument :

BNA_F

ClientSampled :

72-12020

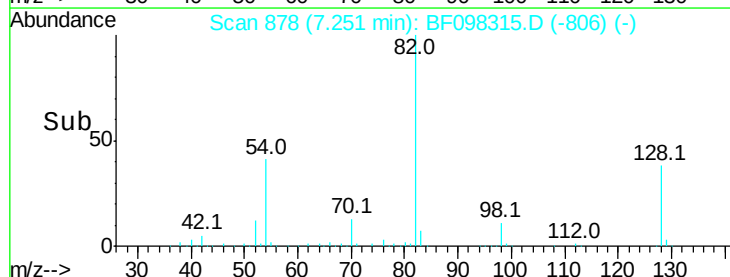
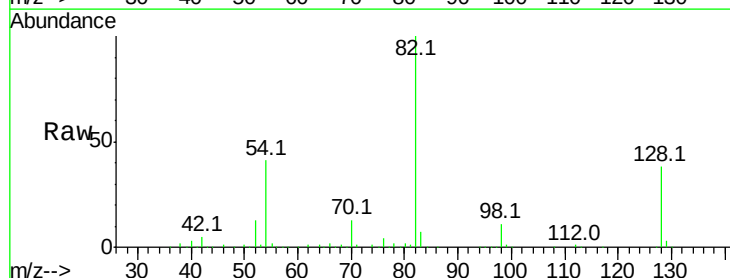
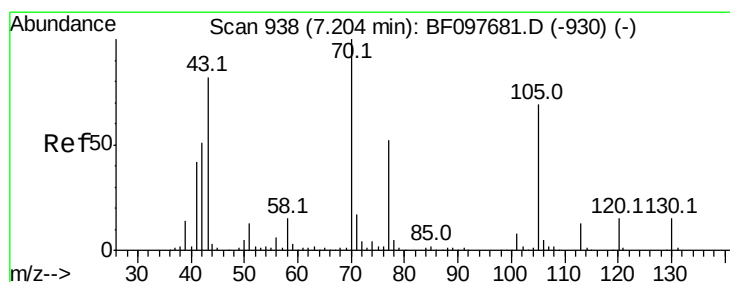
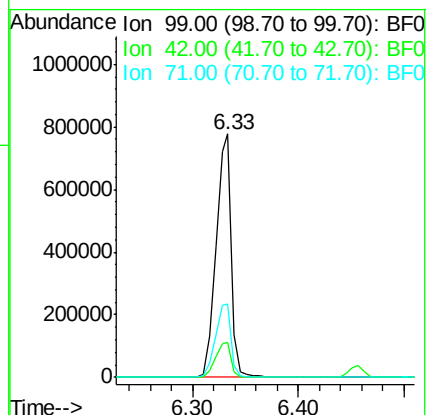
Tot Ion: 99 Resp: 793268

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

71 30.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 8.728 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Tgt Ion: 70 Resp: 64991

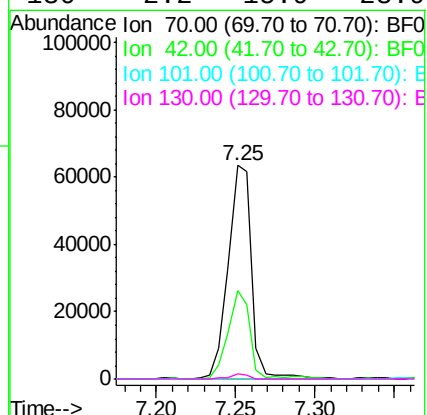
Ion Ratio Lower Upper

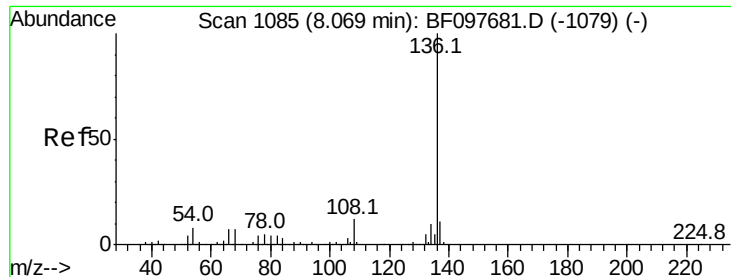
70 100

42 41.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

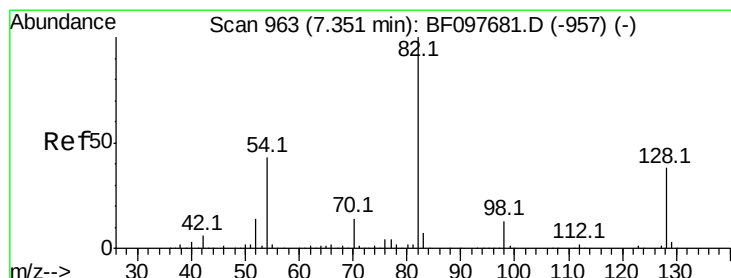
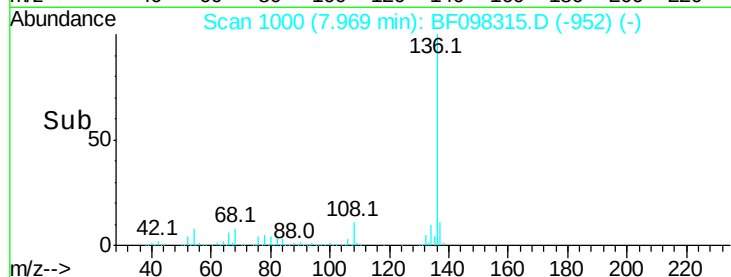
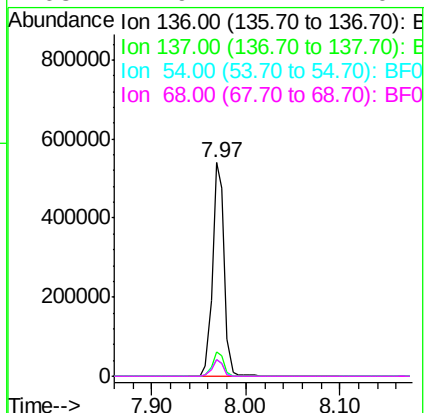
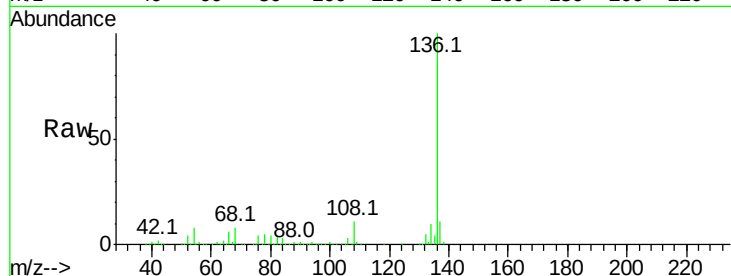




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

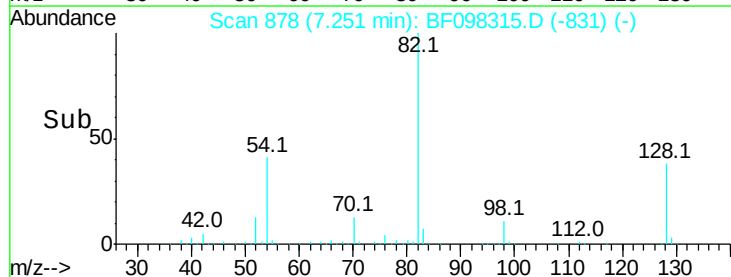
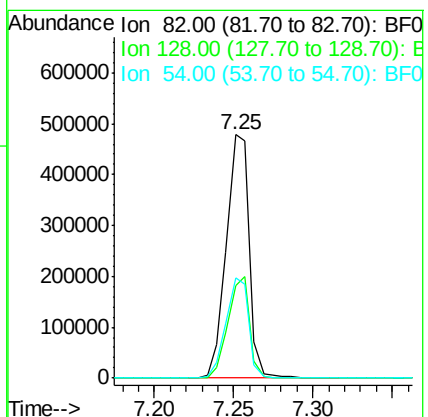
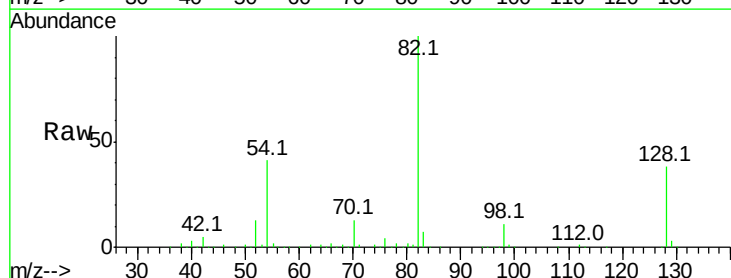
Instrument :
BNA_F
ClientSampleId :
72-12020

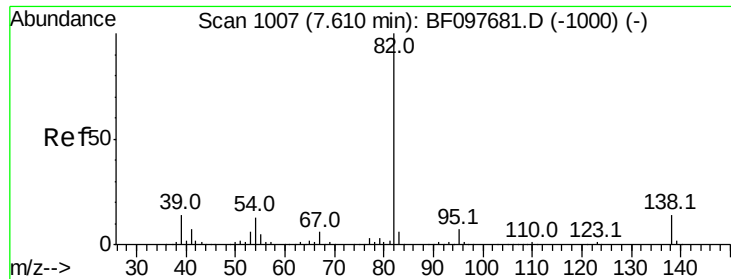
Tot Ion:136 Resp: 480302
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 8.0 4.9 7.3#
68 7.9 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 54.335 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Tgt Ion: 82 Resp: 480393
Ion Ratio Lower Upper
82 100
128 37.9 34.0 51.0
54 41.3 42.2 63.2#

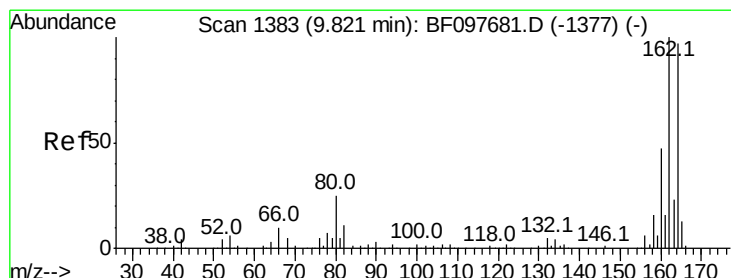
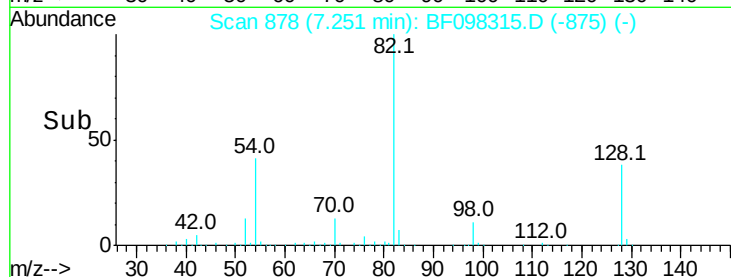
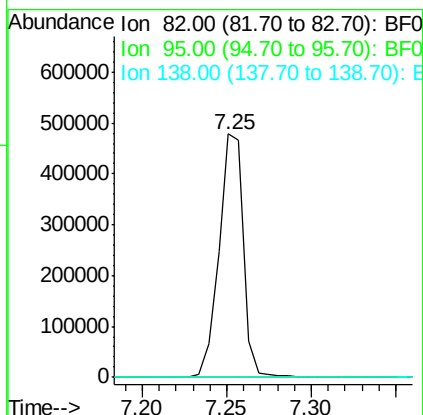
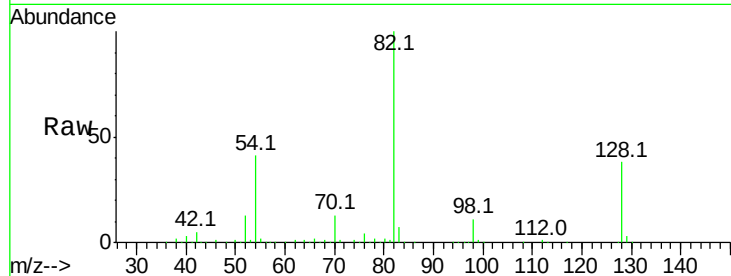




#25
Isophorone
Concen: 26.130 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

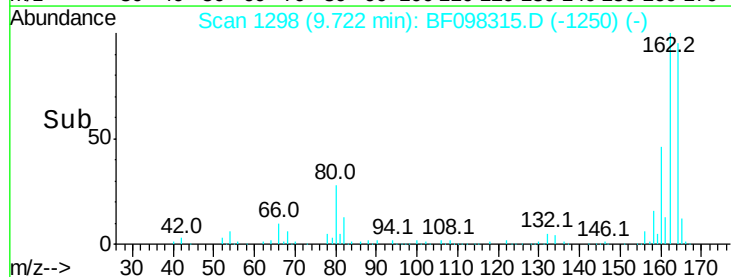
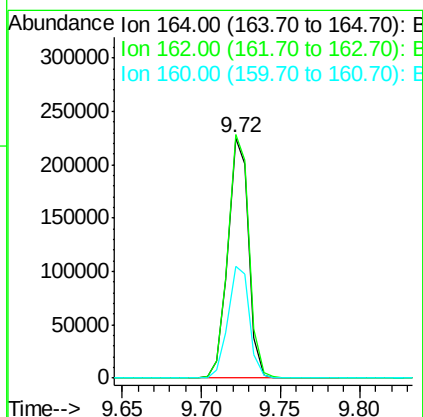
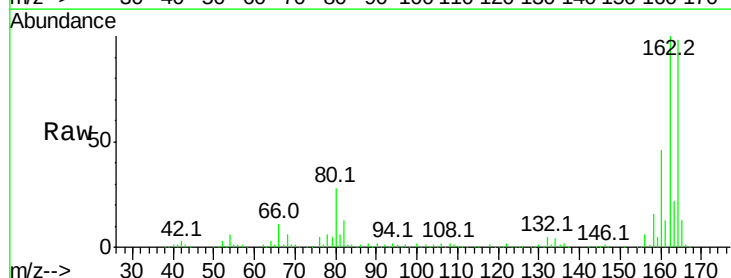
Instrument :
BNA_F
ClientSampleId :
72-12020

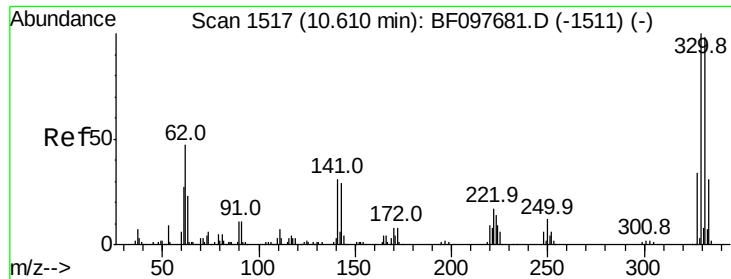
Tot Ion: 82 Resp: 480387
Ion Ratio Lower Upper
82 100
95 0.1 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Tgt Ion:164 Resp: 203516
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 46.8 36.2 54.2

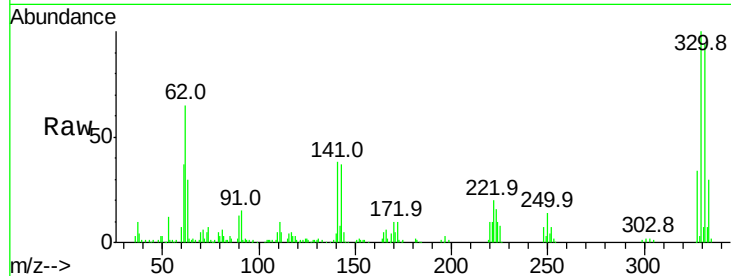




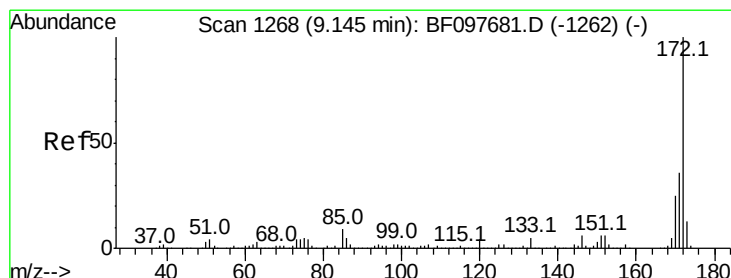
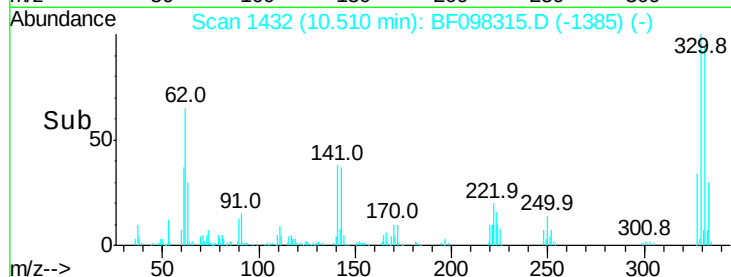
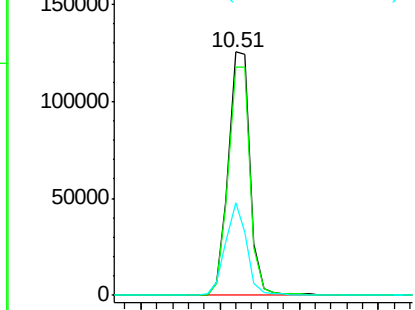
#41
 2,4,6-Tribromophenol
 Concen: 67.940 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	36.8	31.4	47.2

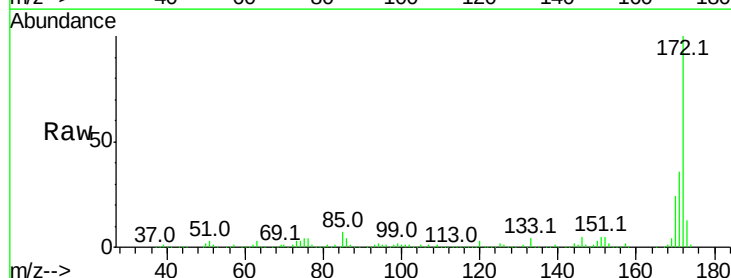


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

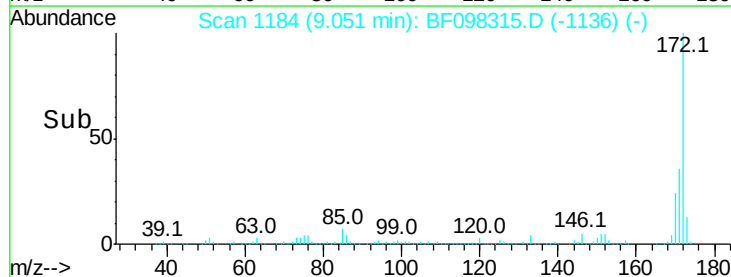
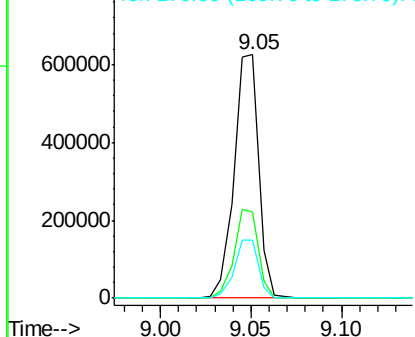


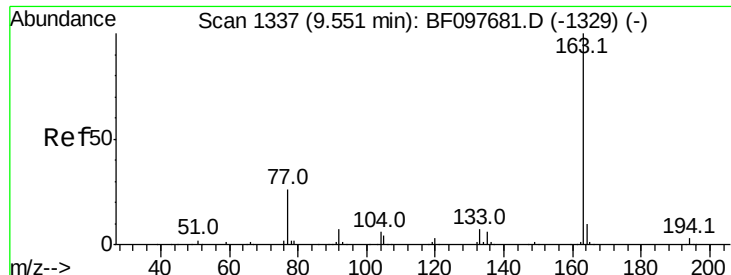
#44
 2-Fluorobiphenyl
 Concen: 42.724 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.8	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

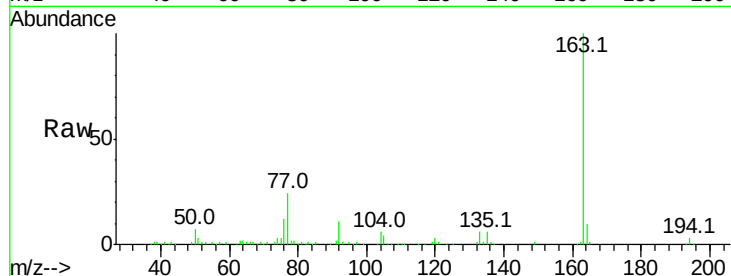




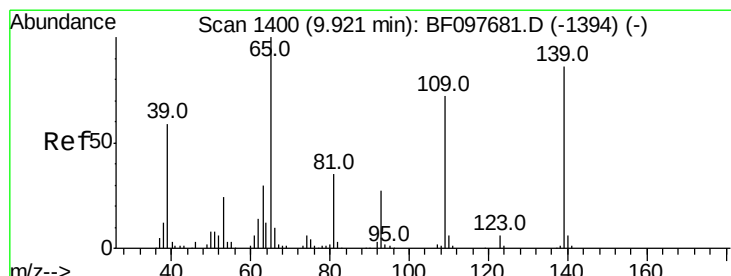
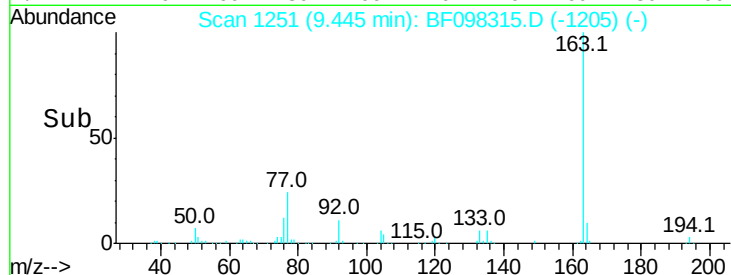
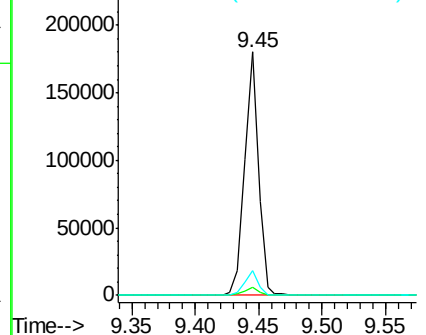
#49
Dimethylphthalate
Concen: 9.067 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6

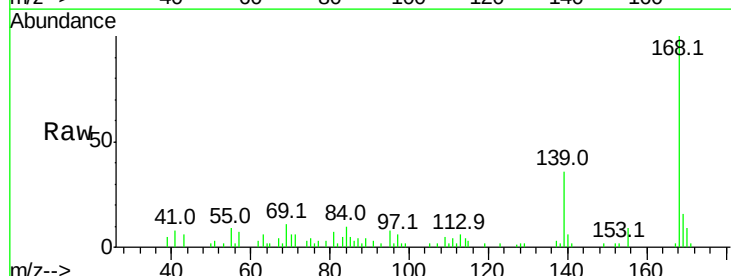


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

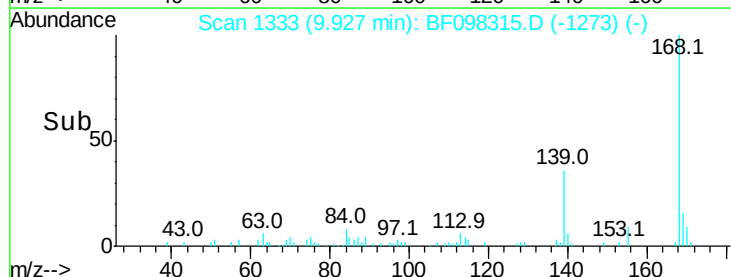
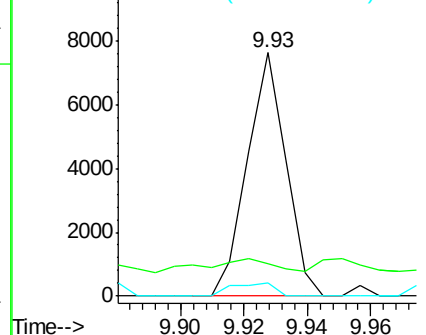


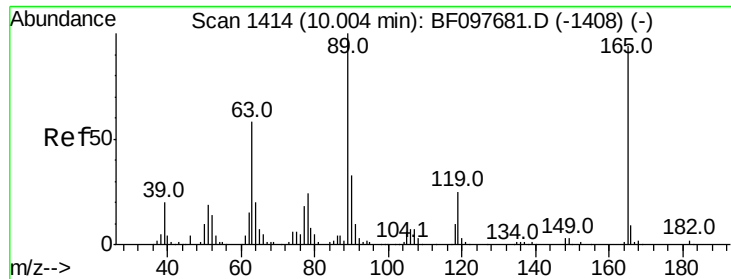
#55
4-Nitrophenol
Concen: 2.109 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.05 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	13.4	34.1	74.1#
65	5.3	31.4	71.4#



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

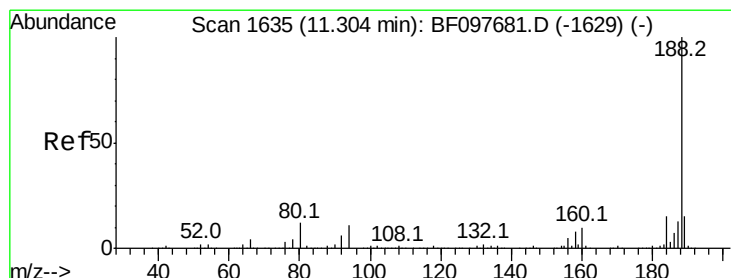
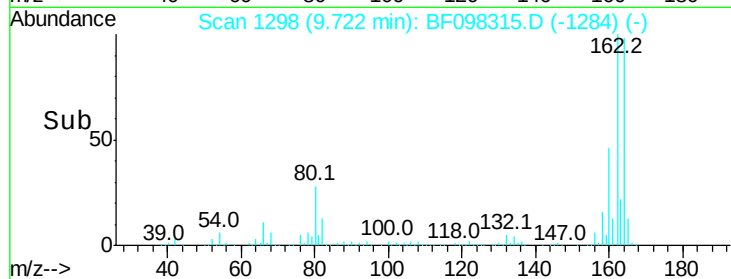
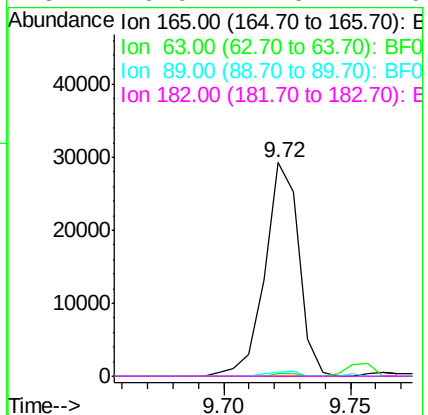
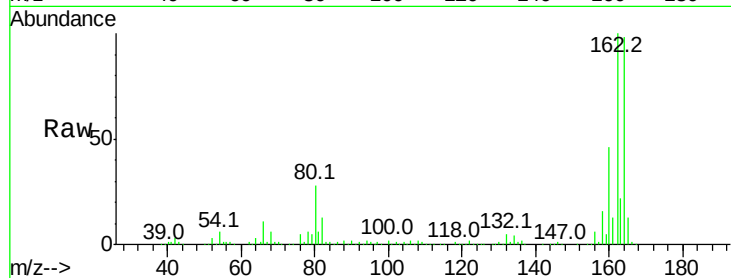




#56
 2,4-Dinitrotoluene
 Concen: 7.378 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

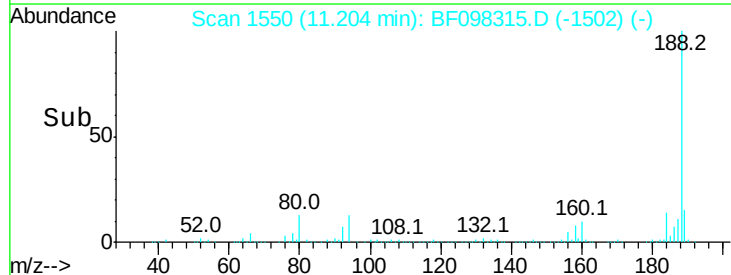
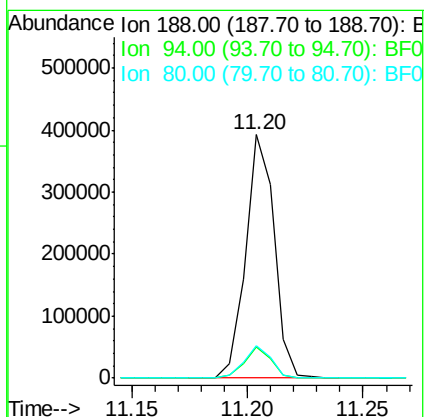
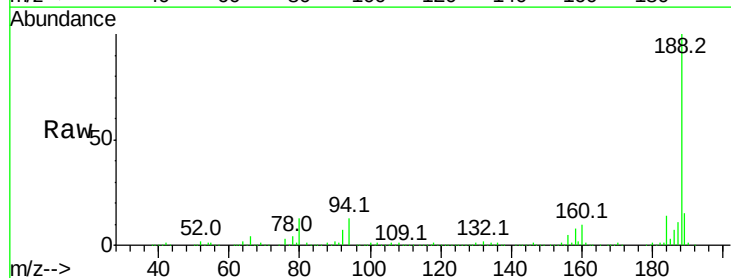
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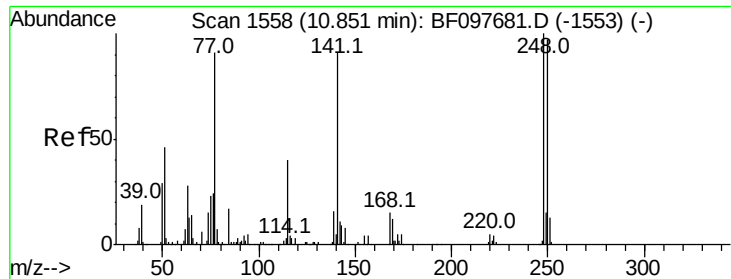
Tot Ion:165 Resp: 27493
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Tgt Ion:188 Resp: 338427
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 13.4 10.2 15.2

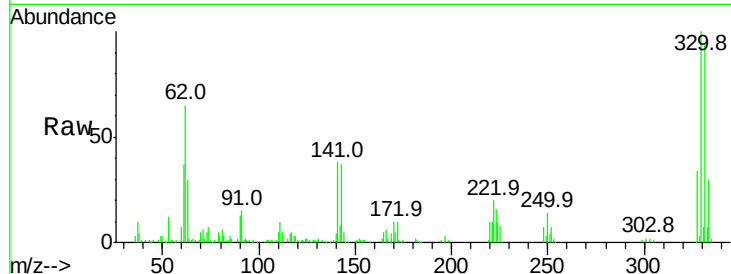




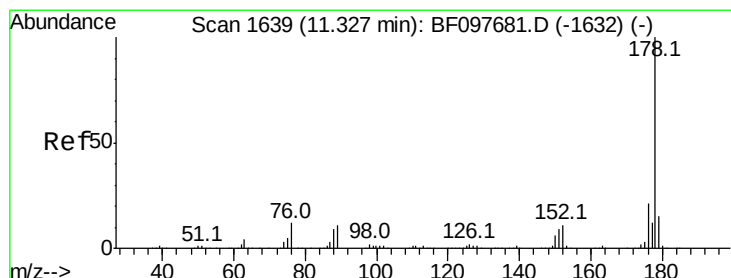
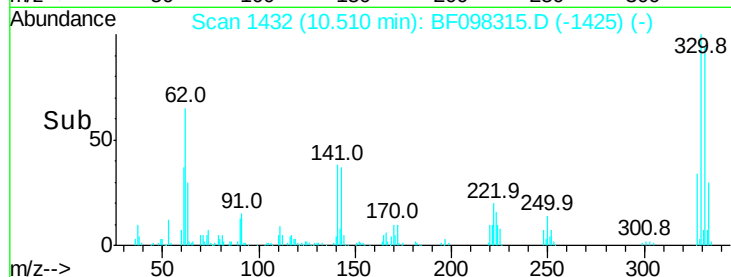
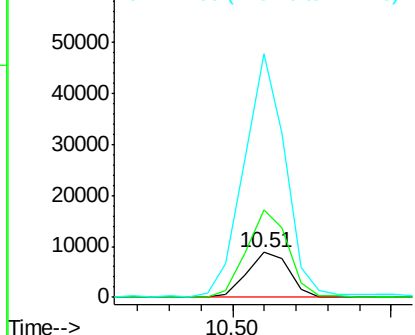
#66
 4-Bromophenyl-phenylether
 Concen: 2.307 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.26 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Tot Ion:248 Resp: 8106
 Ion Ratio Lower Upper
 248 100
 250 196.0 76.8 115.2#
 141 543.1 68.6 103.0#

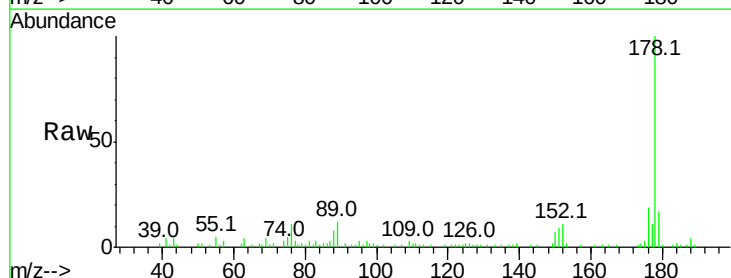


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

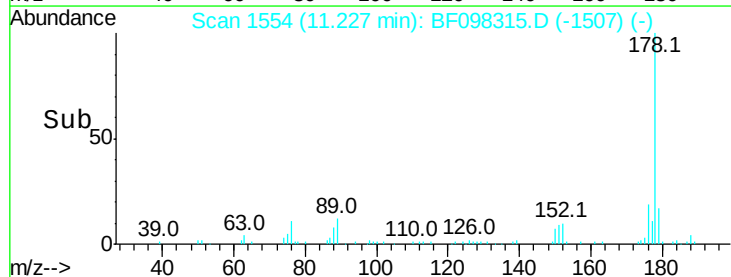
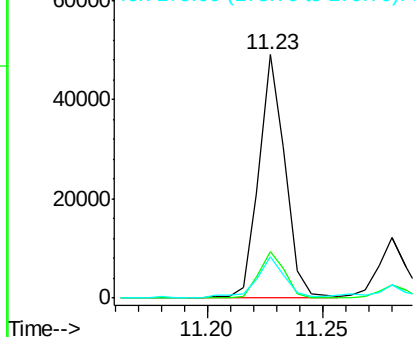


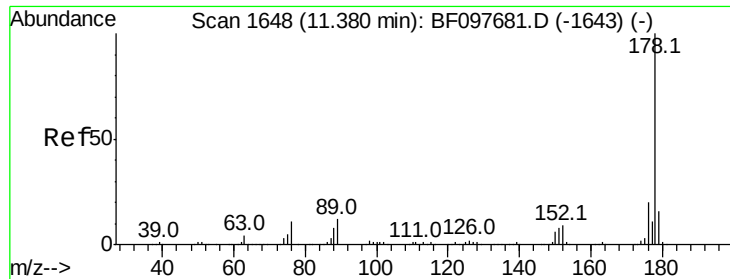
#70
 Phenanthrene
 Concen: 2.169 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Tgt Ion:178 Resp: 39110
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 16.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

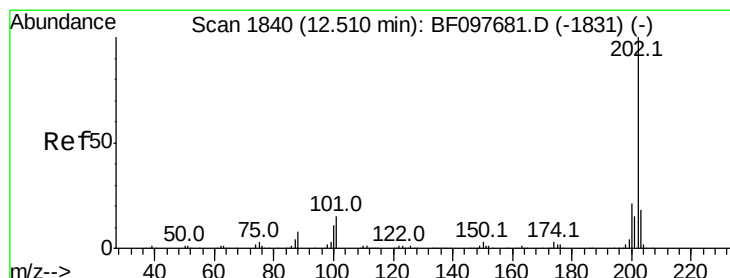
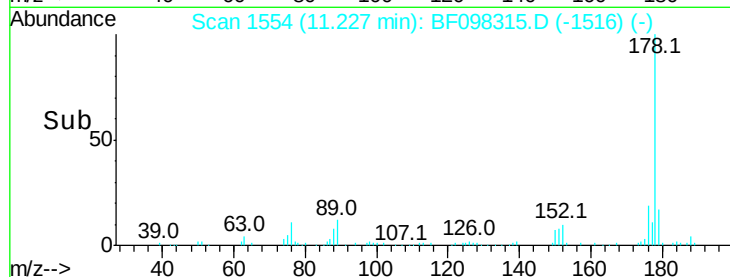
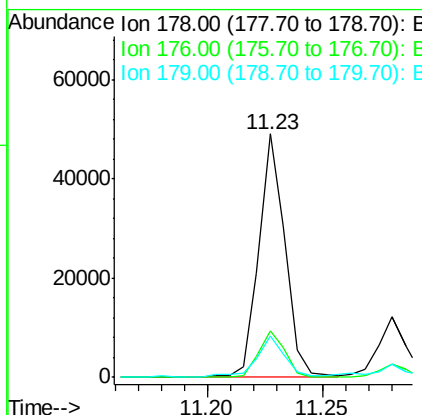
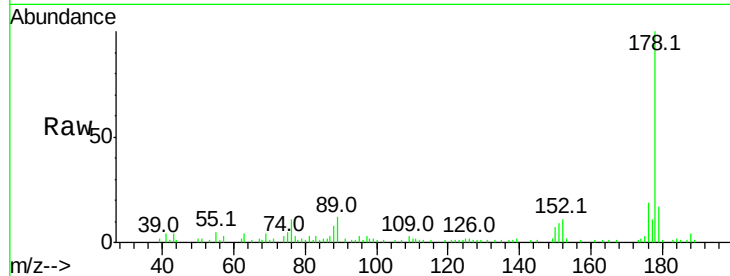




#71
 Anthracene
 Concen: 2.138 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.08 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

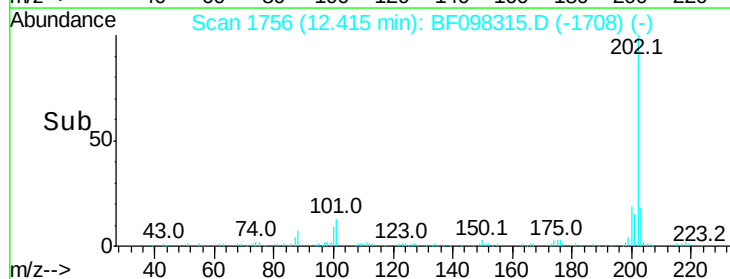
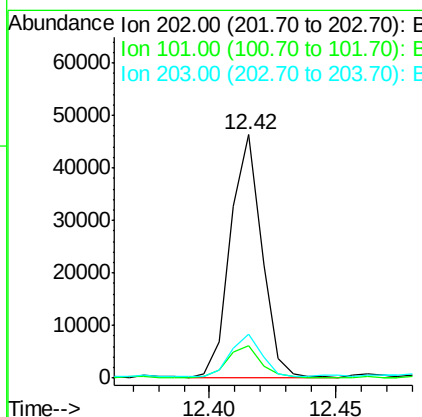
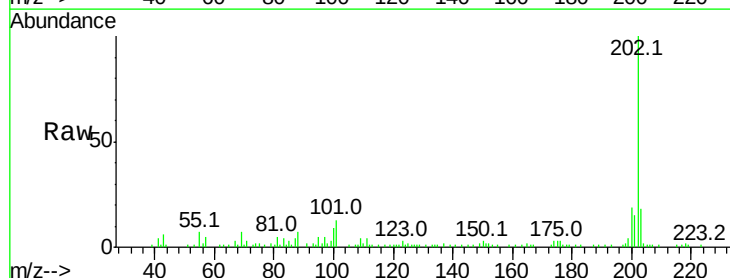
Instrument :
 BNA_F
 ClientSampleId :
 72-12020

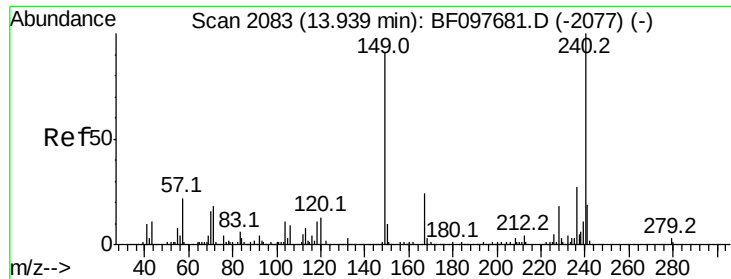
Tot Ion:178 Resp: 39110
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 16.8 12.7 19.1



#74
 Fluoranthene
 Concen: 2.126 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Tgt Ion:202 Resp: 40016
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 33.2
 203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Instrument :

BNA_F

ClientSampleId :

72-12020

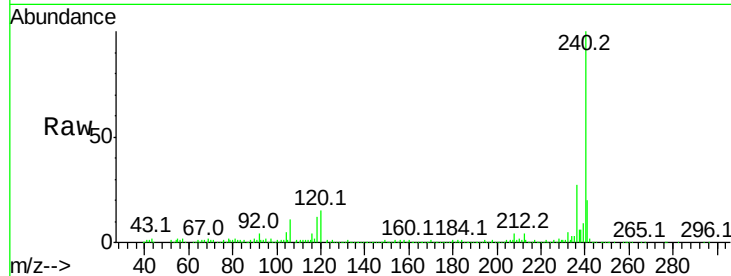
Tot Ion:240 Resp: 271970

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

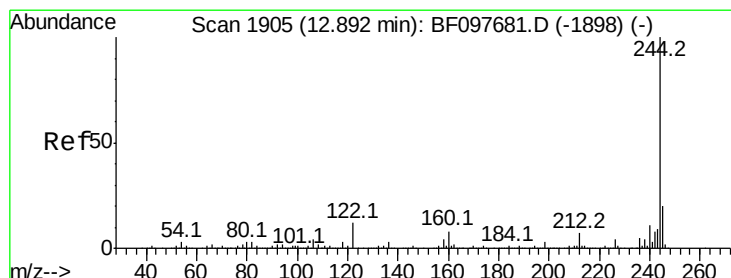
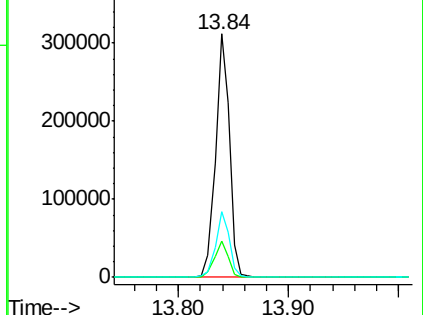
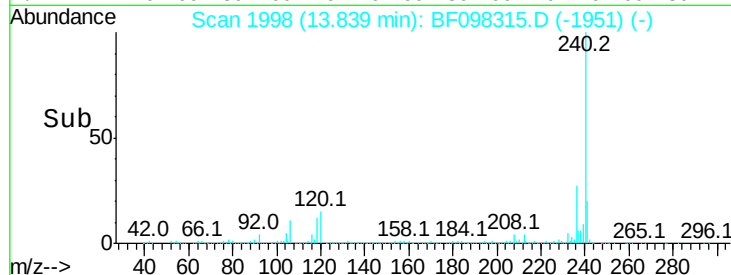
236 26.8 20.5 30.7



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: 27.227 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

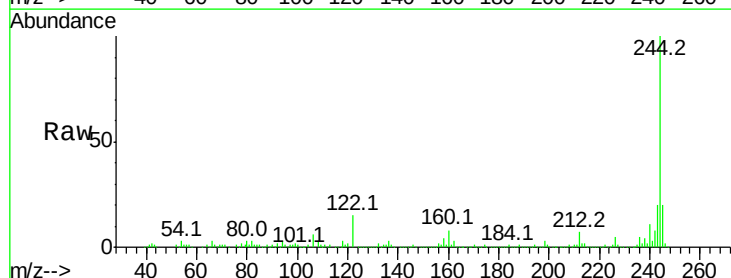
Tgt Ion:244 Resp: 355093

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

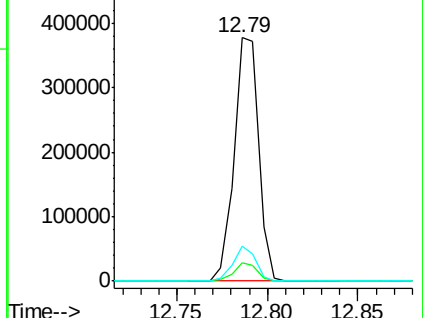
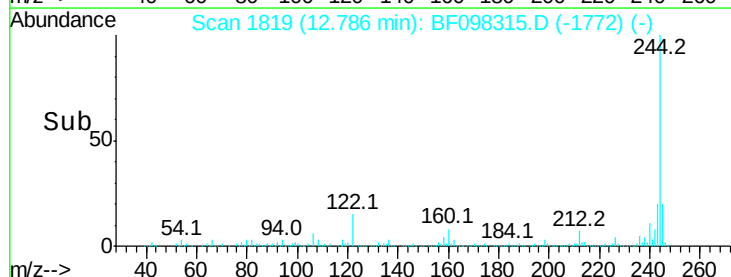
122 14.6 10.3 15.5

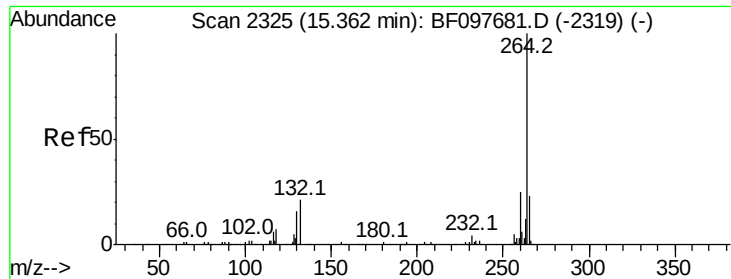


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.0	17.2	25.8

