

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099682.D
 Acq On : 20 Oct 2017 2:57
 Operator : SJ/JU
 Sample : I5968-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:53:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

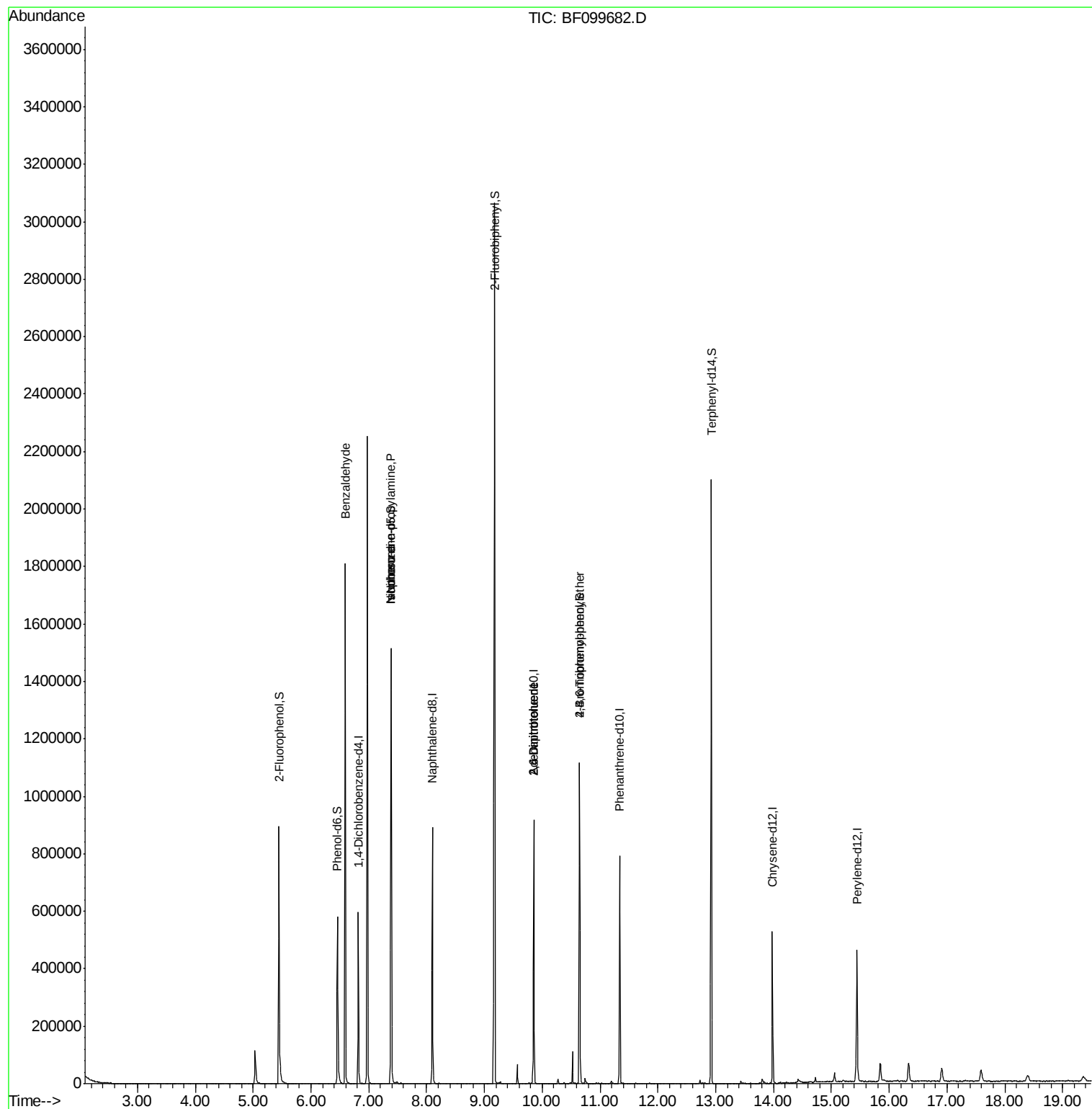
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	101233	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	416130	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	180337	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	268662	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	186075	20.00	ng	-0.02
86) Perylene-d12	15.44	264	197016	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	293261	46.12	ng	0.00
7) Phenol-d6	6.46	99	221432	28.23	ng	-0.02
23) Nitrobenzene-d5	7.39	82	601996	92.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	126851	85.96	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1115239	103.24	ng	-0.01
78) Terphenyl-d14	12.92	244	737107	90.09	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	9383	2.062	ng	# 84
19) n-Nitroso-di-n-propylamine	7.39	70	75375	15.049	ng	# 73
25) Isophorone	7.39	82	601992	44.872	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	22920	7.735	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	22920	5.960	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	8235	3.131	ng	# 1

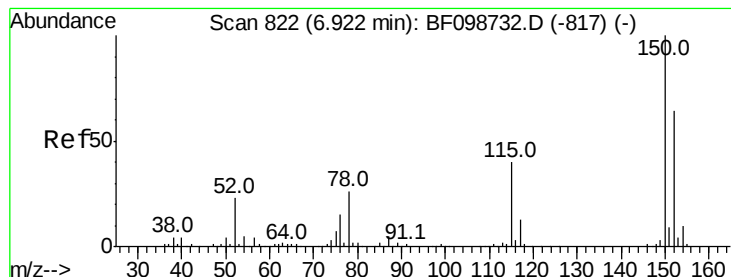
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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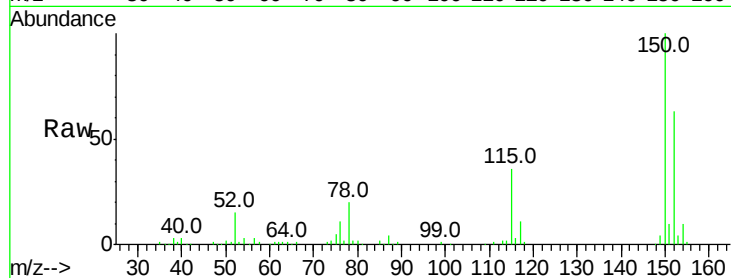


#1

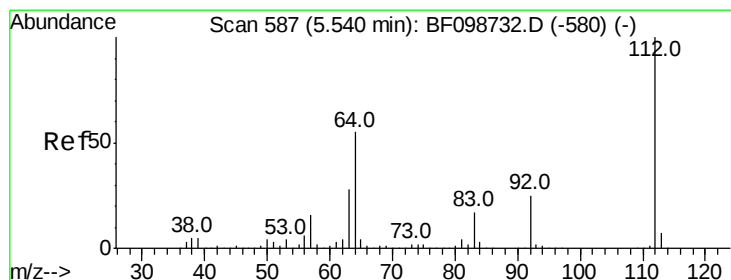
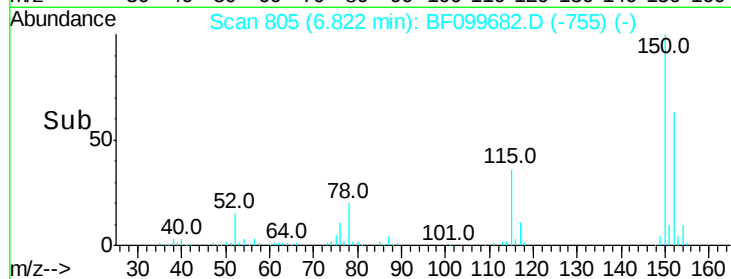
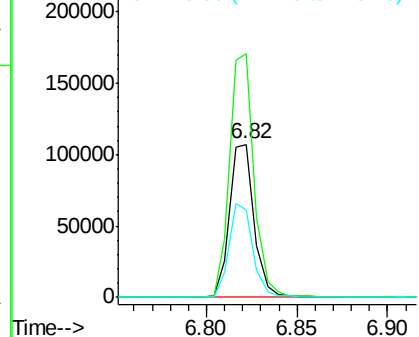
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	56.7	50.1	75.1



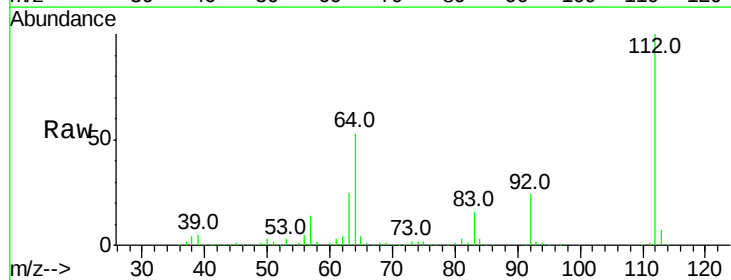
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



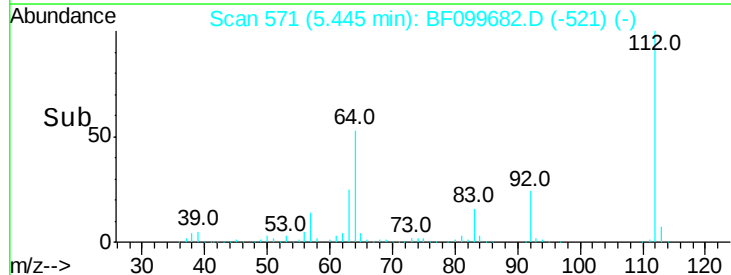
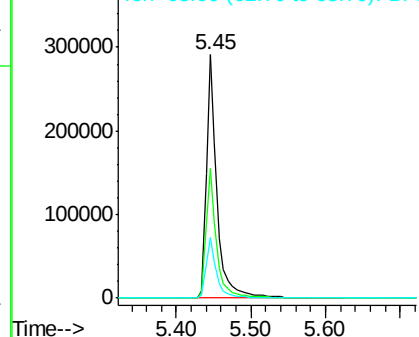
#5

2-Fluorophenol
 Concen: 46.116 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	24.8	23.7	35.5



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: 28.226 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099682.D

Acq: 20 Oct 2017 2:57

Instrument :

BNA_F

ClientSampleId :

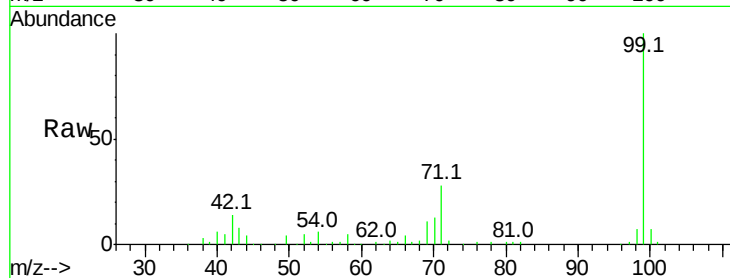
Tot Ion: 99 Resp: 221432

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

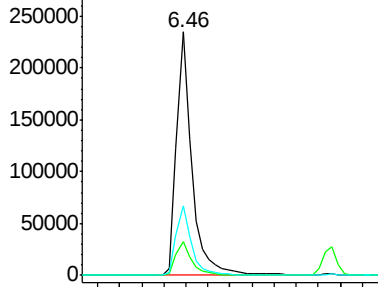
71 28.4 25.4 38.0



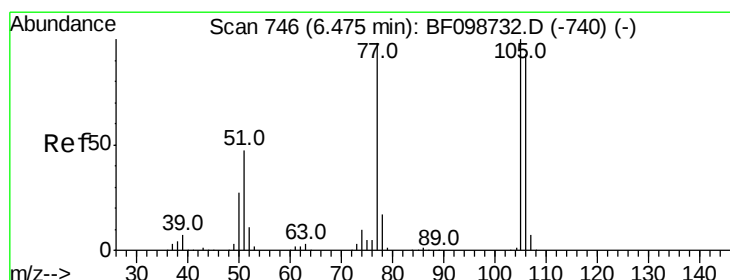
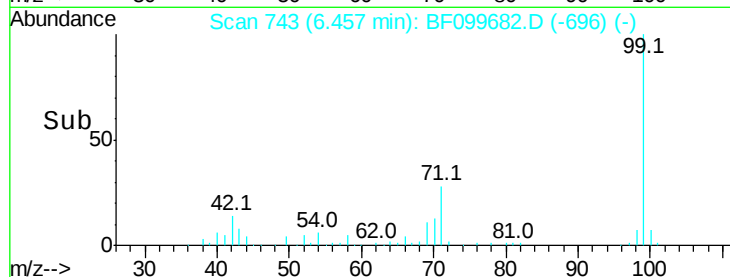
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 2.062 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF099682.D

Acq: 20 Oct 2017 2:57

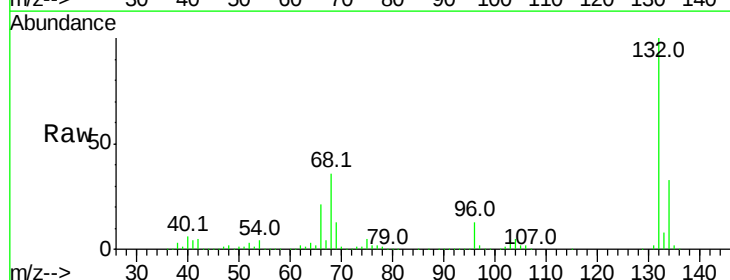
Tgt Ion: 77 Resp: 9383

Ion Ratio Lower Upper

77 100

105 81.1 81.1 121.1#

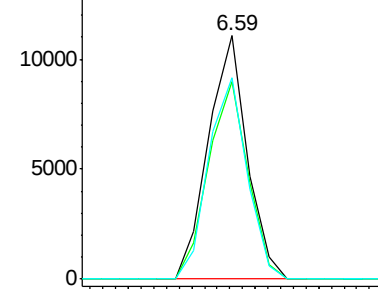
106 82.9 74.5 114.5



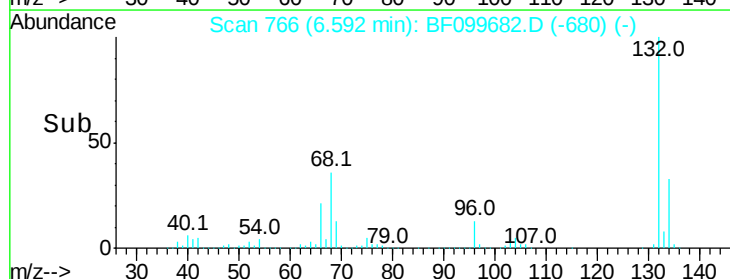
Abundance Ion 77.00 (76.70 to 77.70): BF0

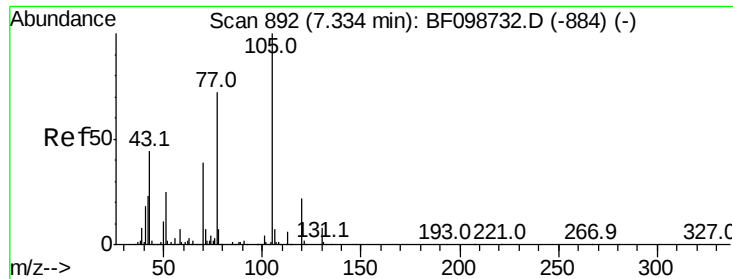
Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



Time-->

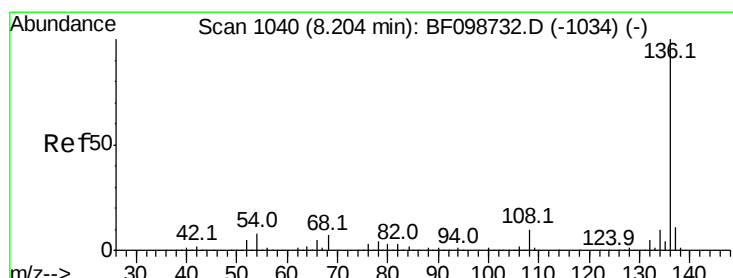
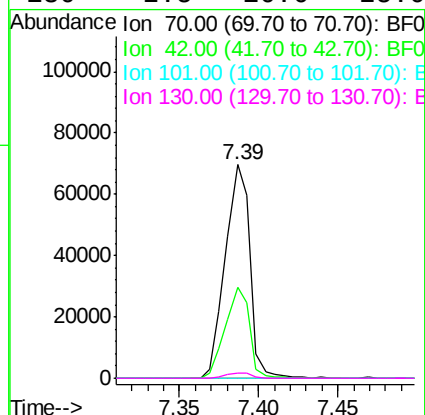
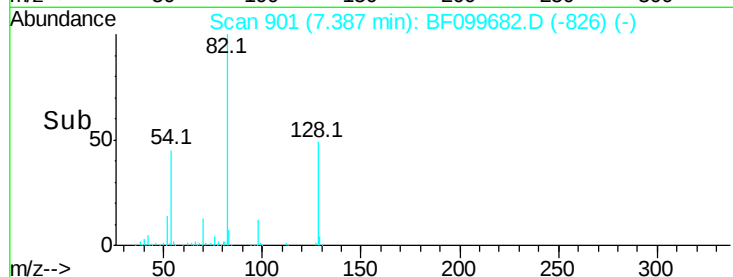
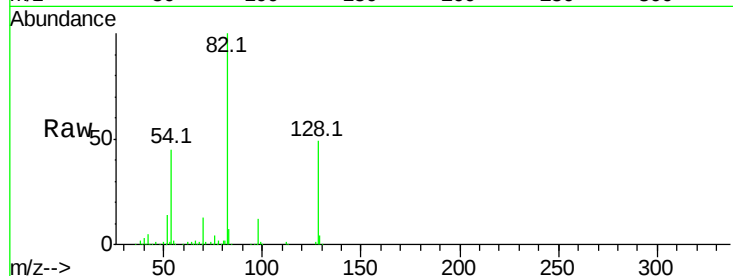




#19
n-Nitroso-di-n-propylamine
Concen: 15.049 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099682.D
Acq: 20 Oct 2017 2:57

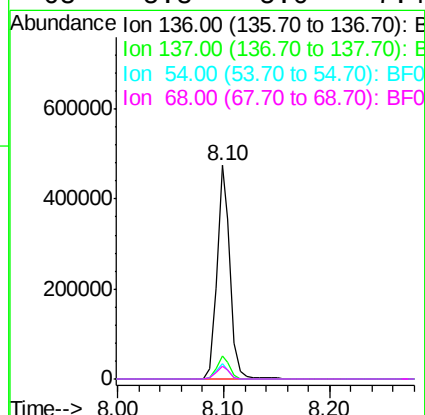
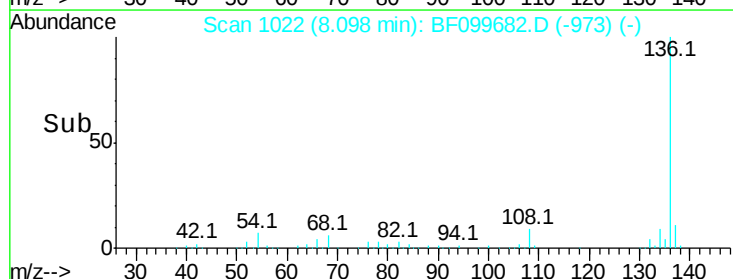
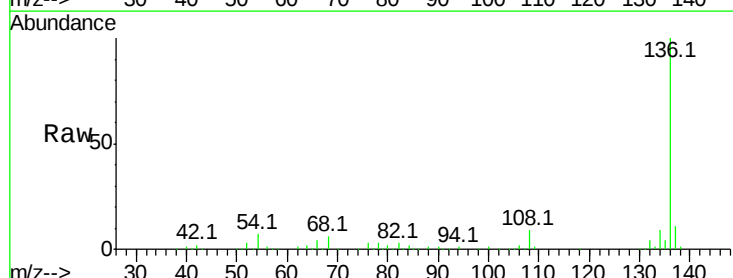
Instrument :
BNA_F
ClientSampleId :

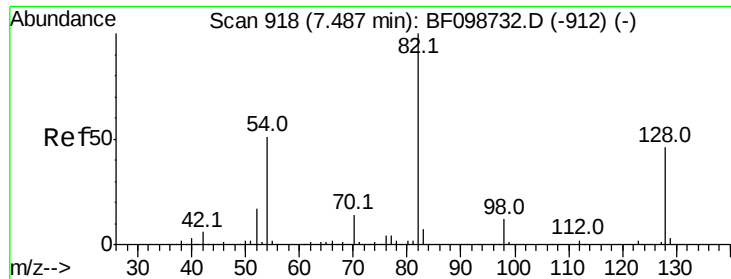
Tot Ion: 70 Resp: 75375
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099682.D
Acq: 20 Oct 2017 2:57

Tgt Ion:136 Resp: 416130
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 6.6 9.8
68 5.8 5.0 7.4

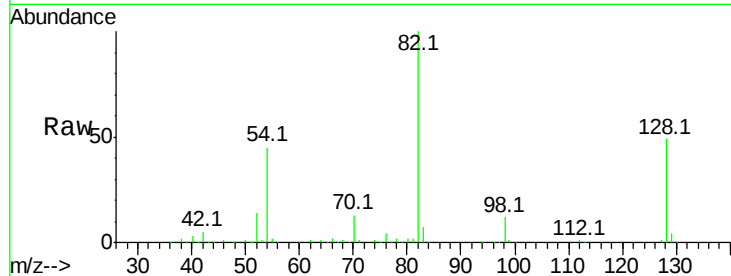




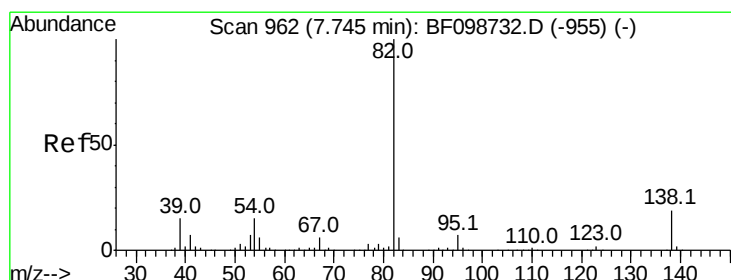
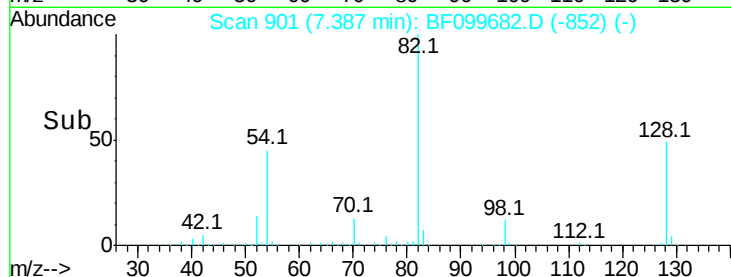
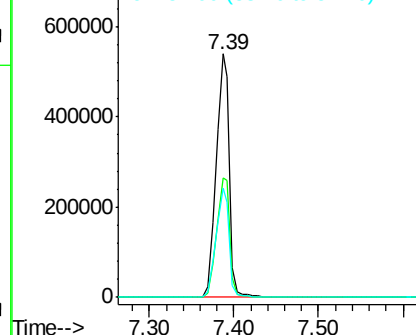
#23
 Nitrobenzene-d5
 Concen: 92.774 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	601996
Ion Ratio	Lower	Upper	
82	100		
128	49.3	36.1	54.1
54	45.0	41.4	62.2

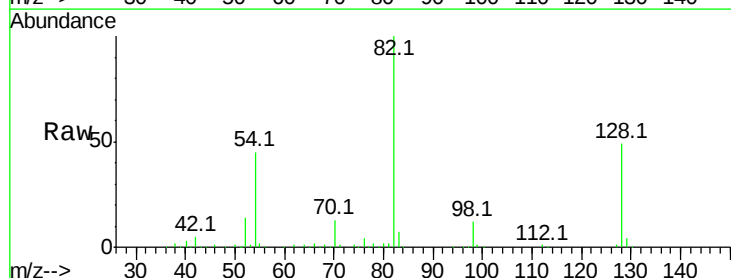


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

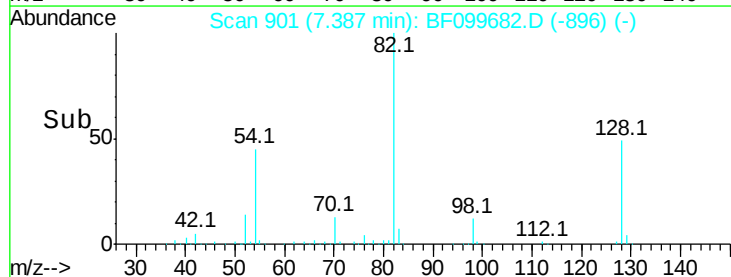
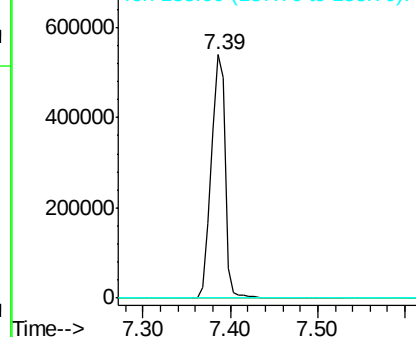


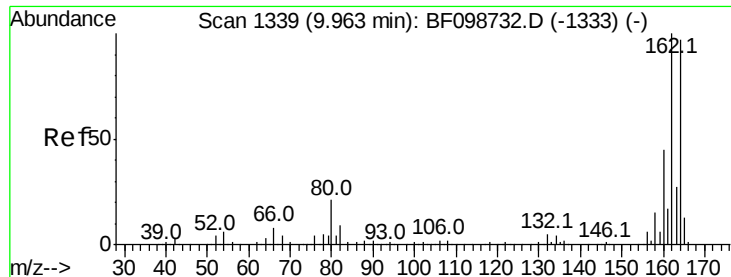
#25
 Isophorone
 Concen: 44.872 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.27 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Tgt Ion	82	Resp	601992
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

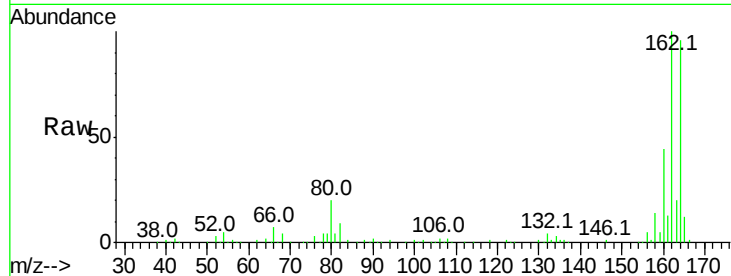




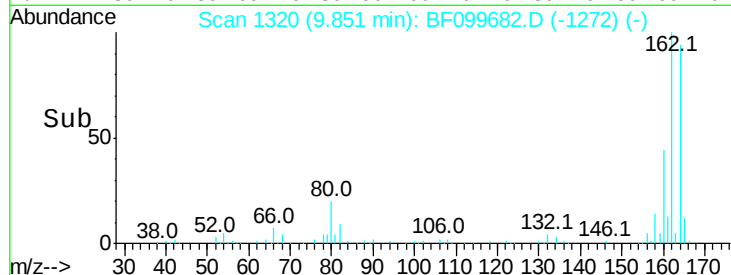
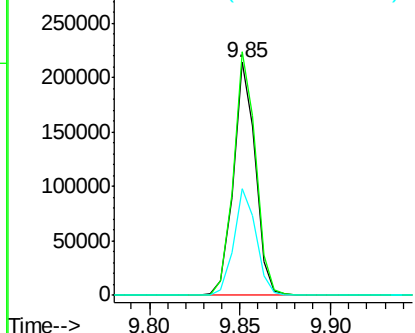
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.6	38.3	57.5

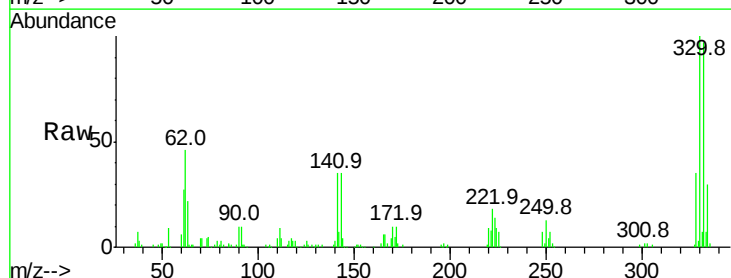


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

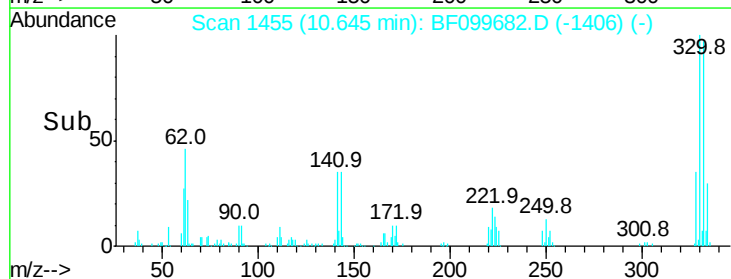
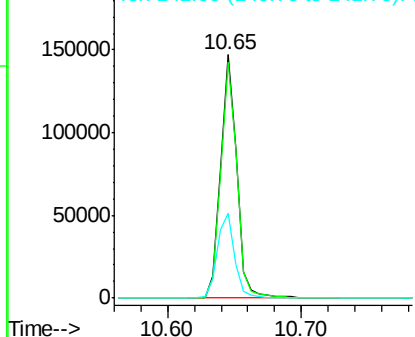


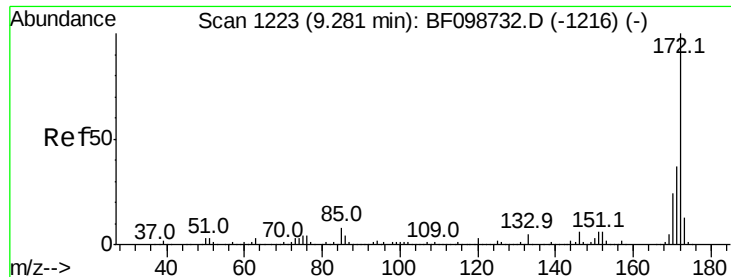
#41
 2,4,6-Tribromophenol
 Concen: 85.963 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	37.4	29.9	44.9



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



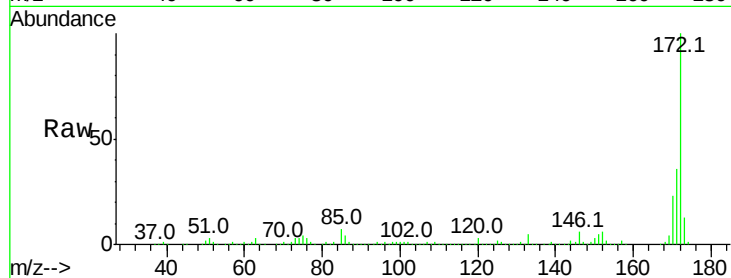


#44
 2-Fluorobiphenyl
 Concen: 103.240 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

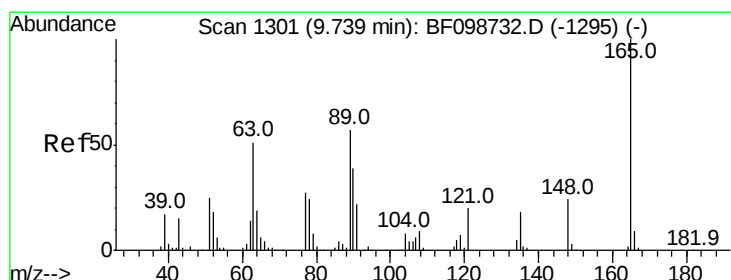
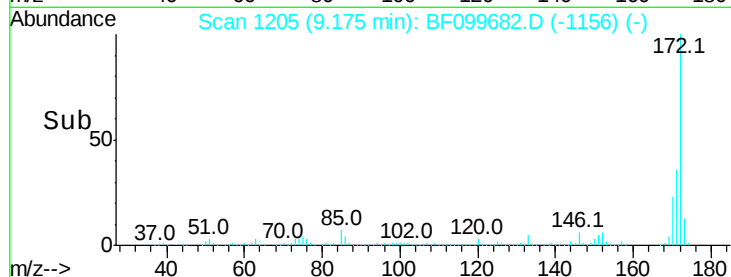
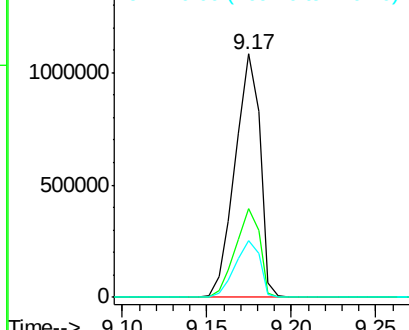
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1115239

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.3	19.6	29.4



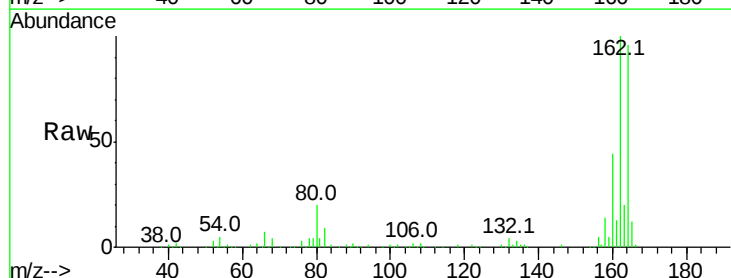
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



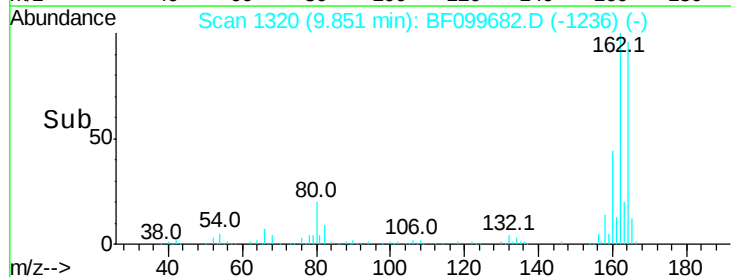
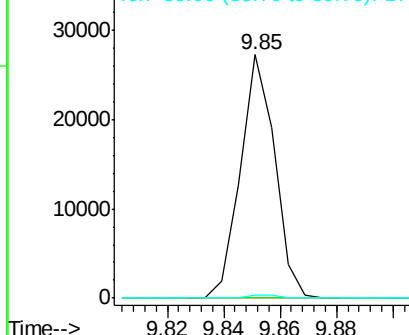
#50
 2,6-Dinitrotoluene
 Concen: 7.735 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.19 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Tgt Ion:165 Resp: 22920

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

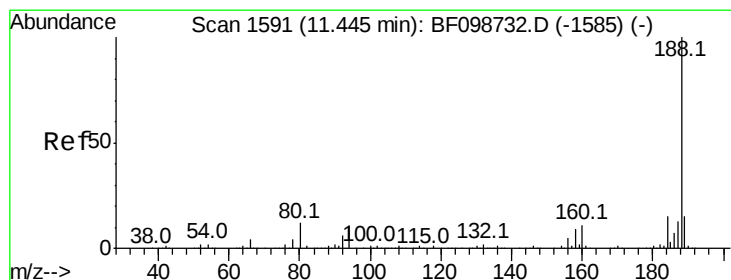
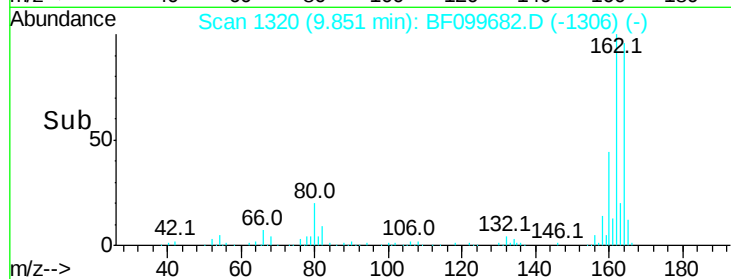
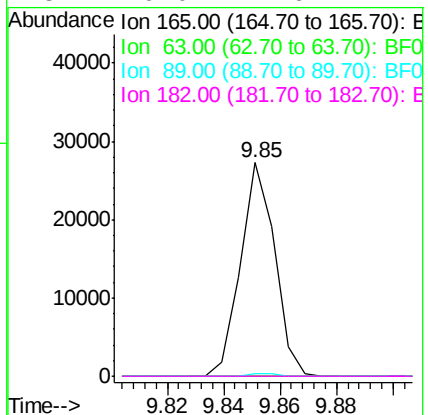
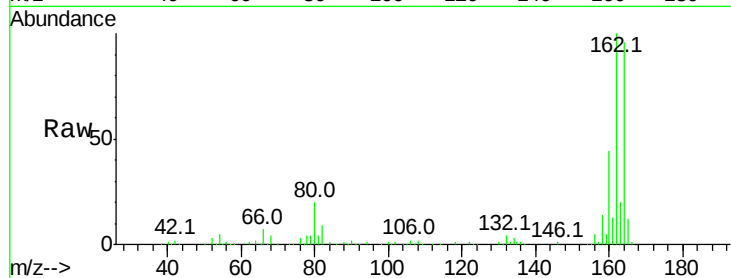




#56
 2,4-Dinitrotoluene
 Concen: 5.960 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

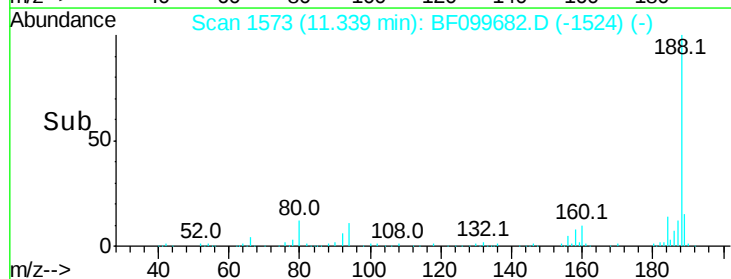
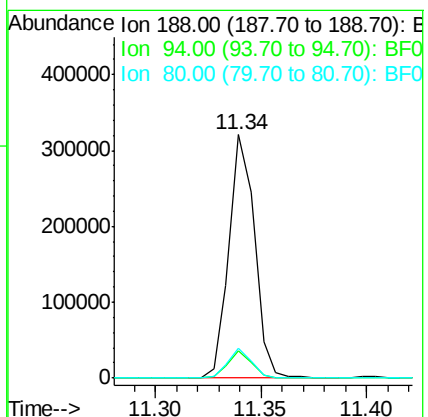
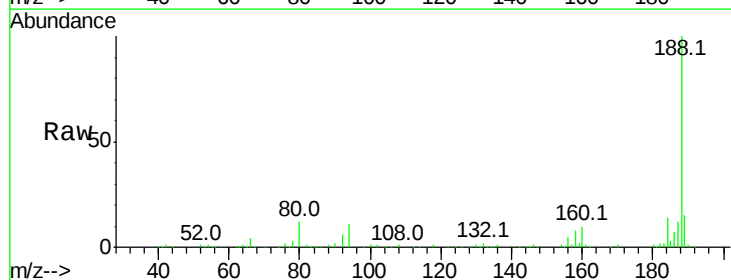
Instrument :
 BNA_F
 ClientSampleId :

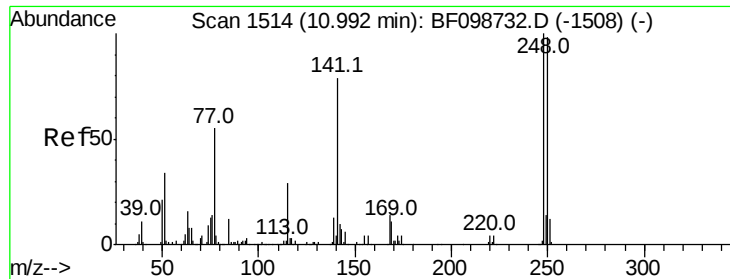
Tot Ion:165	Resp:	22920
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Tgt Ion:188	Resp:	268662
Ion Ratio	Lower	Upper
188	100	
94	11.3	8.5 12.7
80	12.3	9.2 13.8

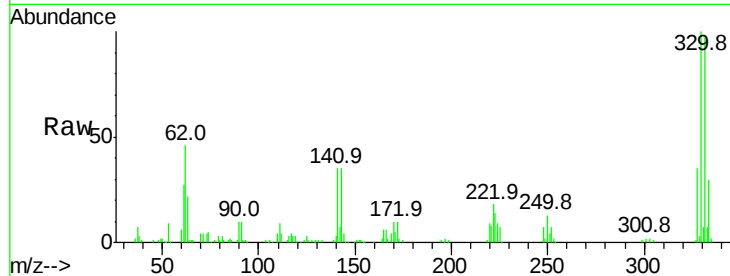




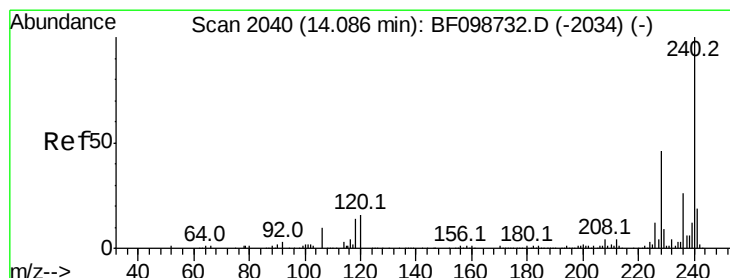
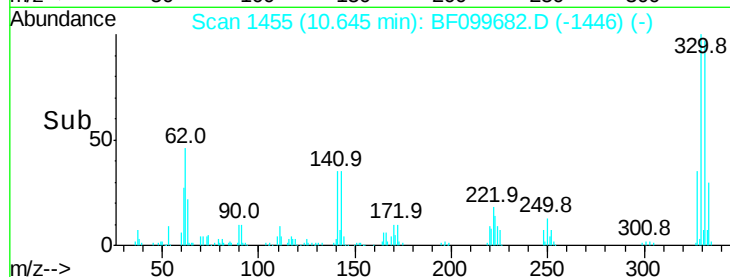
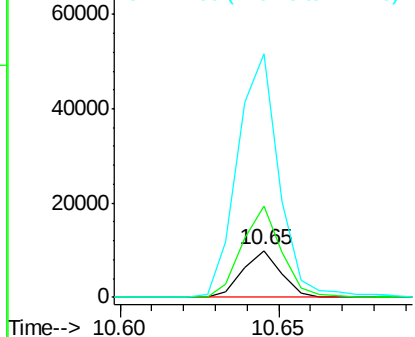
#66
 4-Bromophenyl-phenylether
 Concen: 3.131 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8235
 Ion Ratio Lower Upper
 248 100
 250 194.6 76.9 115.3#
 141 519.2 74.4 111.6#

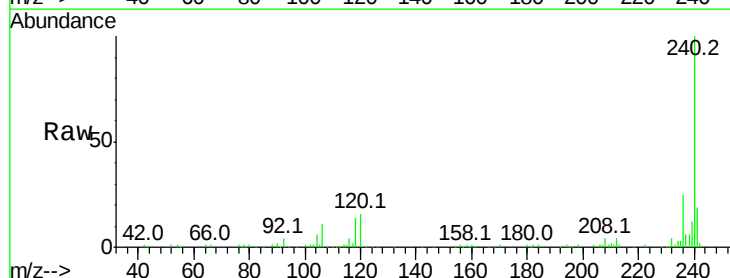


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

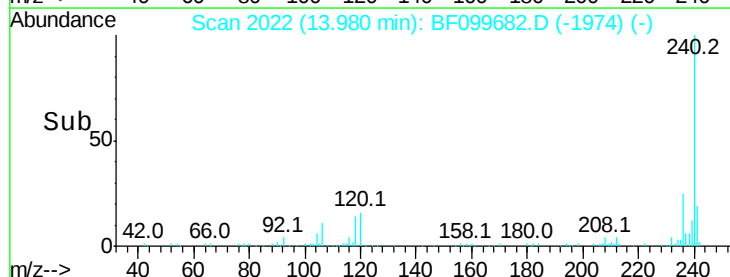
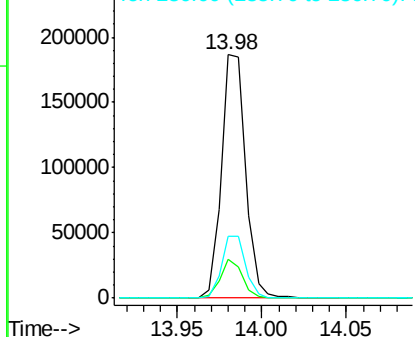


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Tgt Ion:240 Resp: 186075
 Ion Ratio Lower Upper
 240 100
 120 16.1 9.5 14.3#
 236 25.4 20.7 31.1



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

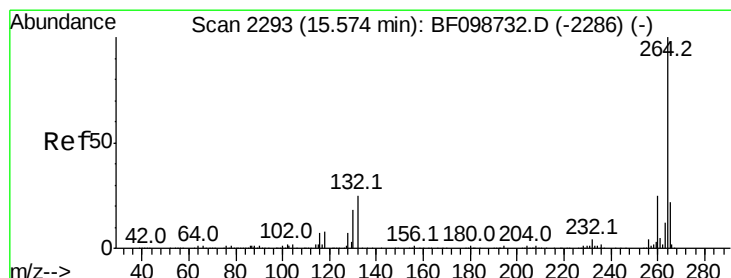
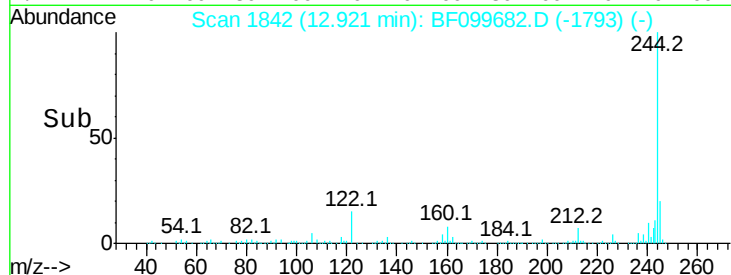
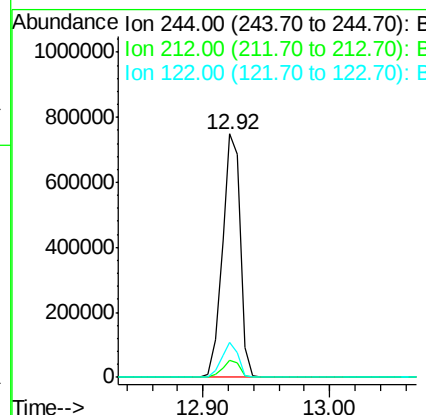
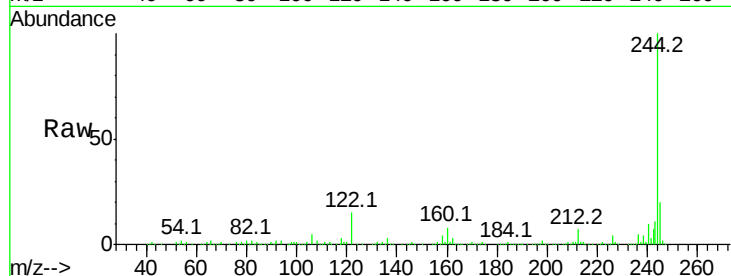




#78
 Terphenyl-d14
 Concen: 90.089 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 737107
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099682.D
 Acq: 20 Oct 2017 2:57

Tgt Ion:264 Resp: 197016
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.8 17.5 26.3

