

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099146.D
 Acq On : 6 Oct 2017 13:58
 Operator : SJ/JU
 Sample : I5647-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 14:34:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

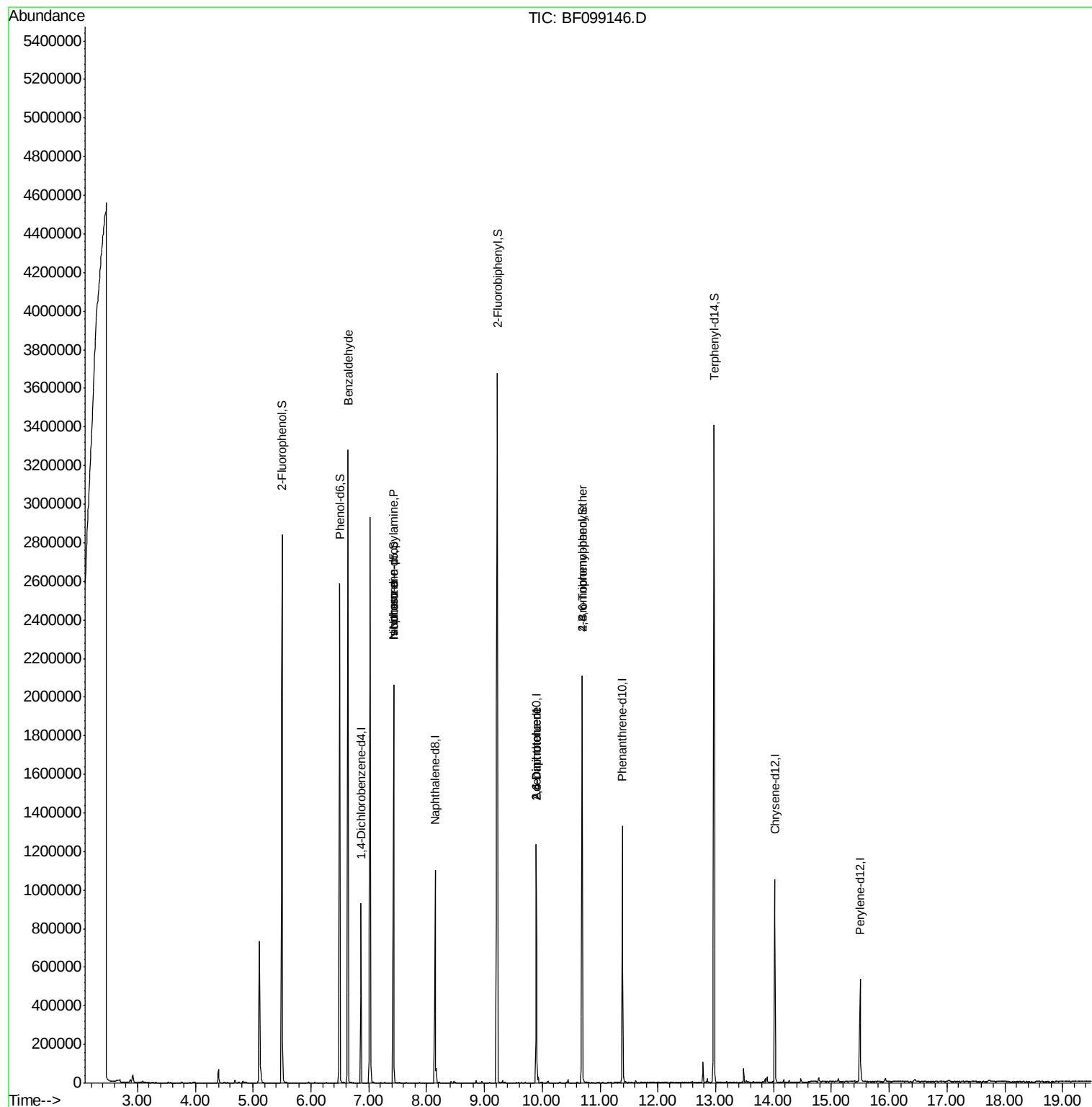
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123797	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	523069	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	235413	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	426901	20.00	ng	0.00
75) Chrysene-d12	14.02	240	338293	20.00	ng	-0.01
86) Perylene-d12	15.50	264	237792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	935427	120.29	ng	0.02
7) Phenol-d6	6.50	99	998943	104.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	770529	94.47	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	275914	143.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1359820	96.43	ng	0.00
78) Terphenyl-d14	12.97	244	1260386	84.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	19704	3.541	ng	82
19) n-Nitroso-di-n-propylamine	7.43	70	99440	16.235	ng	# 76
25) Isophorone	7.43	82	770453	45.688	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30648	7.923	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	30648	6.105	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	18388	4.400	ng	# 1

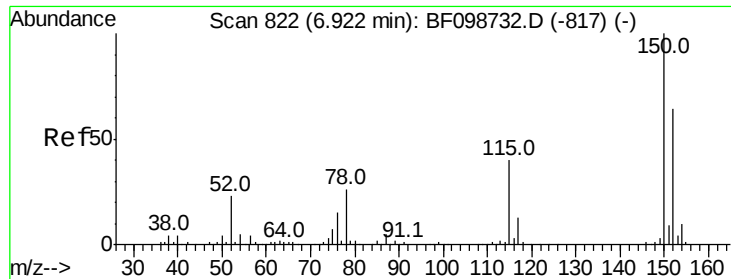
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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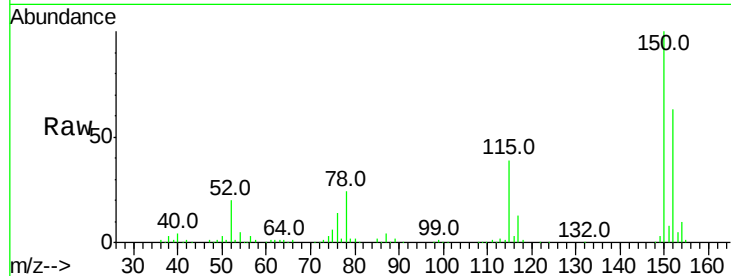


#1

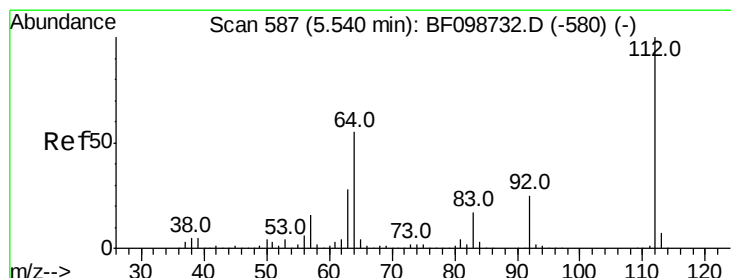
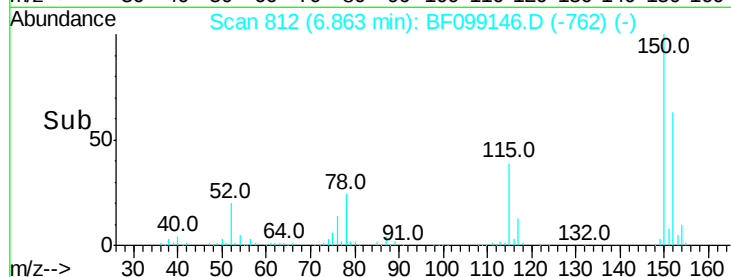
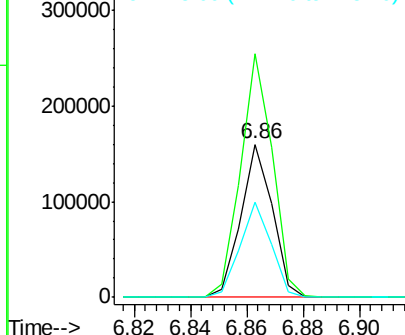
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099146.D
Acq: 6 Oct 2017 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	62.2	50.1	75.1



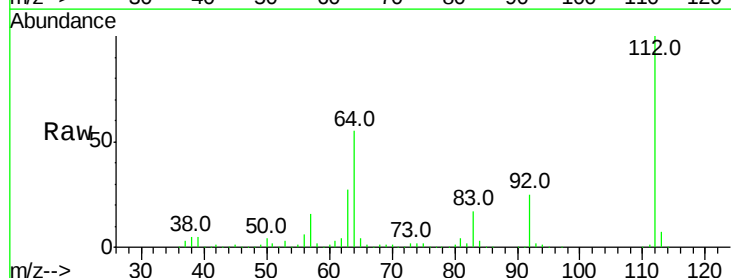
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



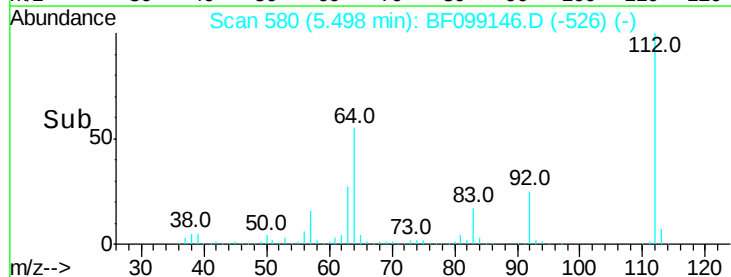
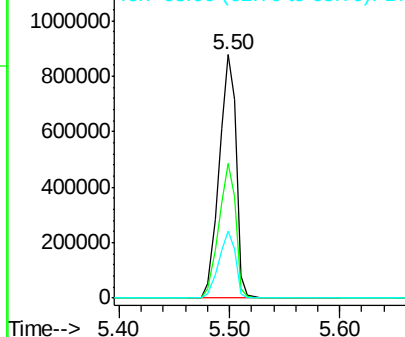
#5

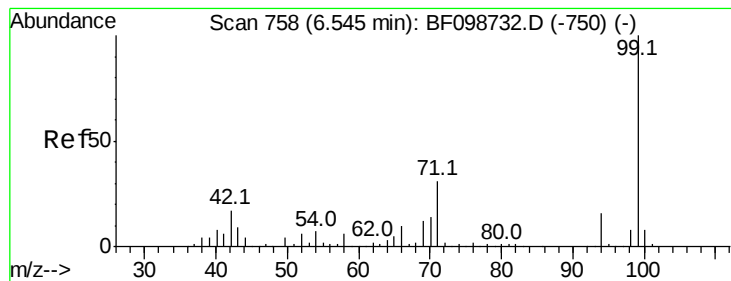
2-Fluorophenol
Concen: 120.286 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099146.D
Acq: 6 Oct 2017 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.5	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: 104.128 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099146.D

Acq: 6 Oct 2017 13:58

Instrument :

BNA_F

ClientSampleId :

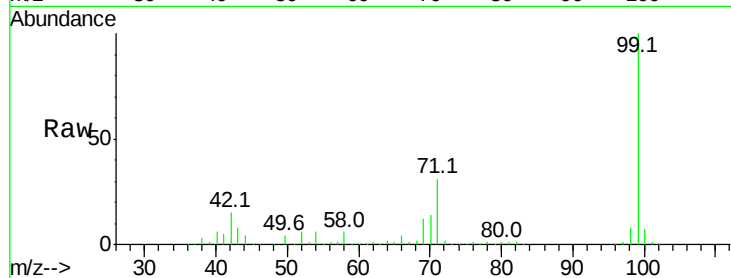
Tot Ion: 99 Resp: 998943

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

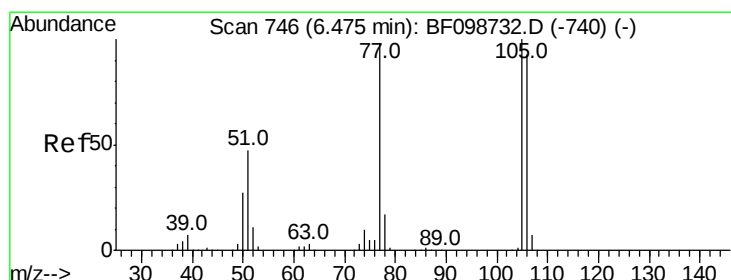
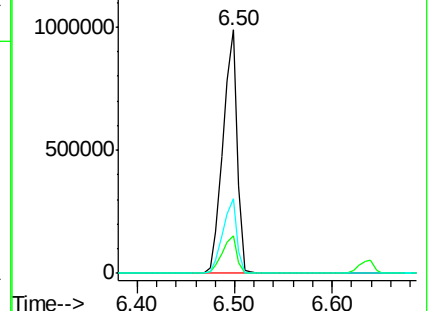
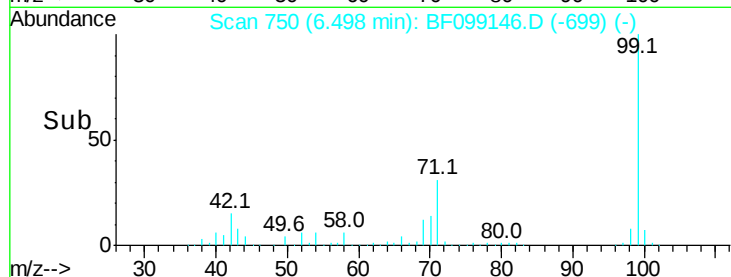
71 30.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.541 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099146.D

Acq: 6 Oct 2017 13:58

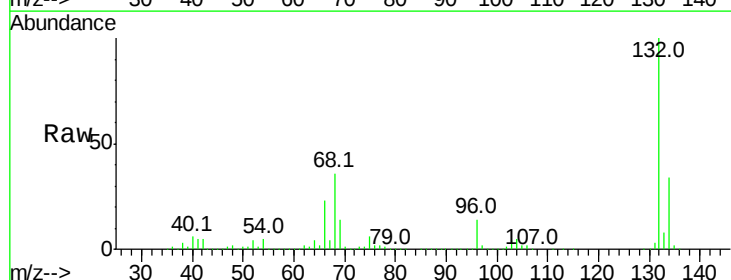
Tgt Ion: 77 Resp: 19704

Ion Ratio Lower Upper

77 100

105 81.9 81.1 121.1

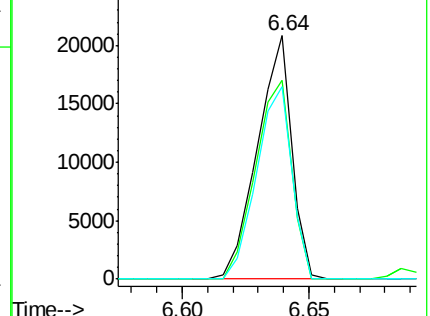
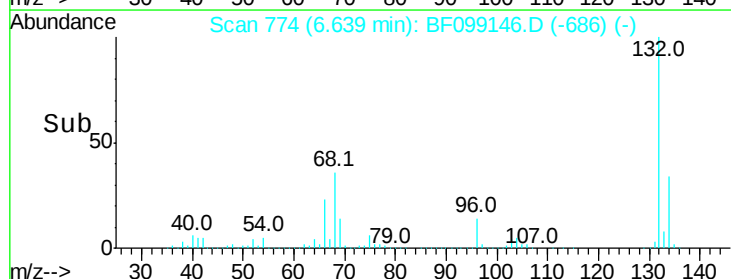
106 78.9 74.5 114.5

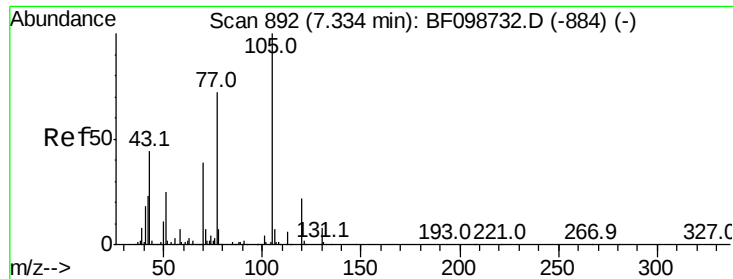


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

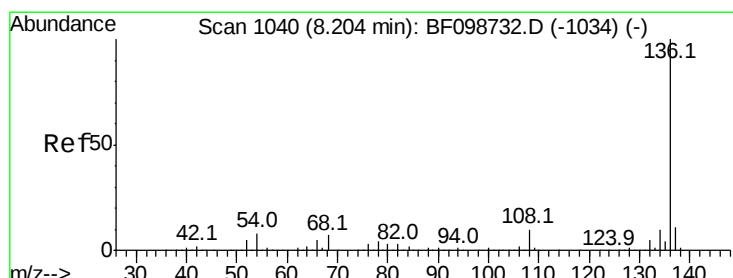
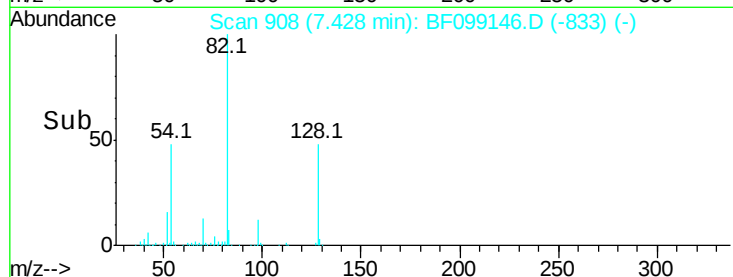
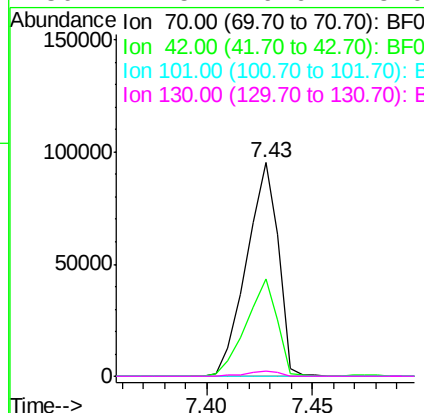
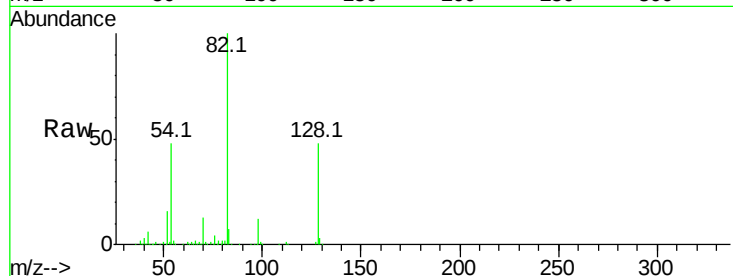




#19
n-Nitroso-di-n-propylamine
Concen: 16.235 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099146.D
Acq: 6 Oct 2017 13:58

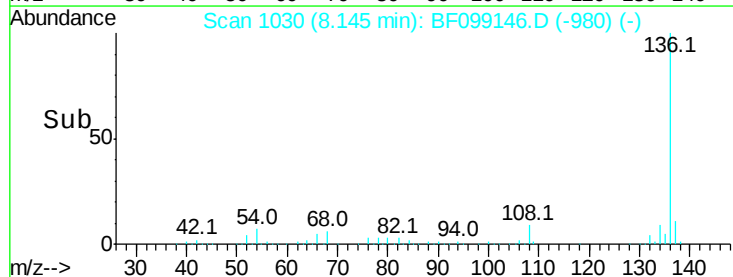
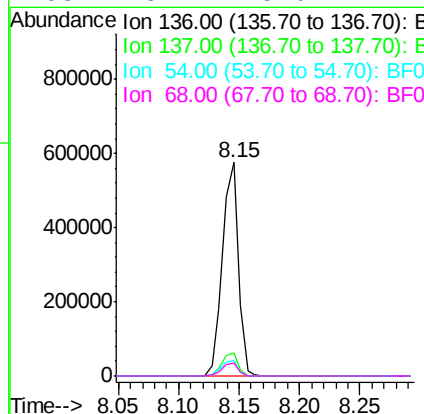
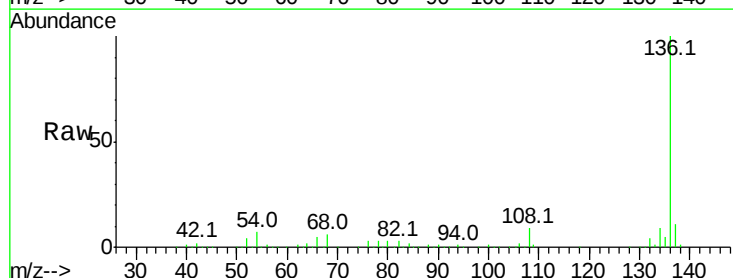
Instrument :
BNA_F
ClientSampled :

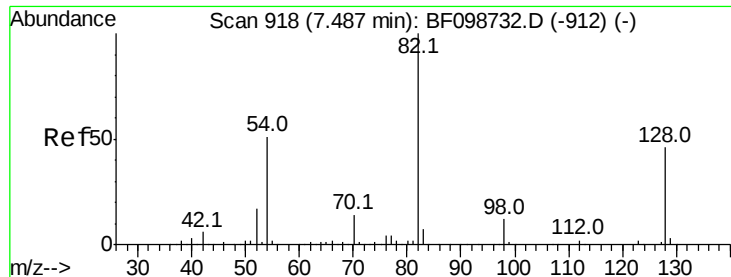
Tot Ion	70	Resp	99440
Ion Ratio	Lower	Upper	
70	100		
42	45.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099146.D
Acq: 6 Oct 2017 13:58

Tgt Ion	136	Resp	523069
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

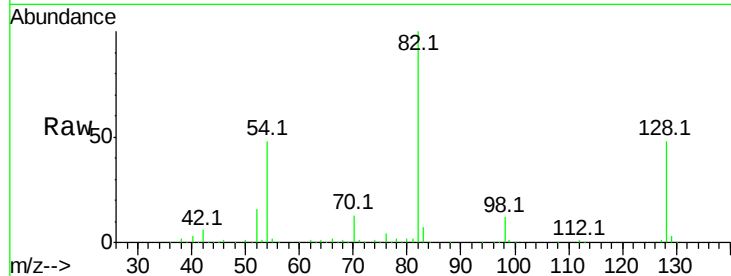




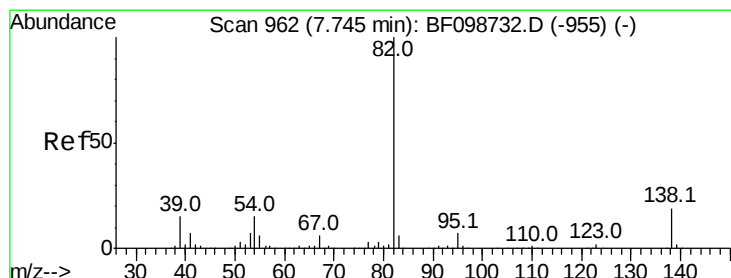
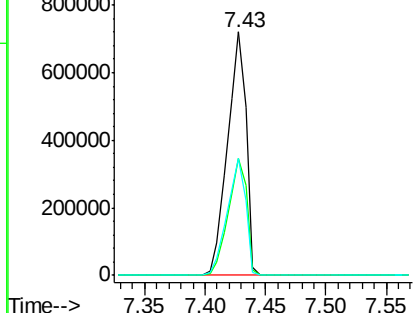
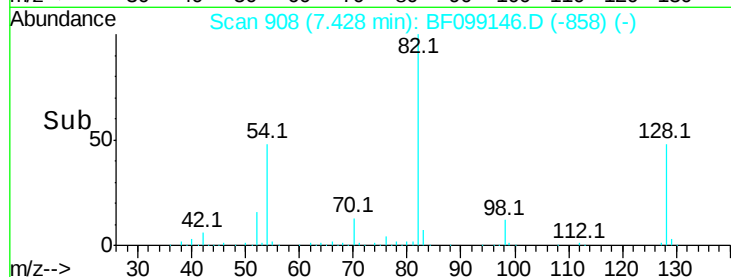
#23
 Nitrobenzene-d5
 Concen: 94.470 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	770529
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	48.1	41.4	62.2

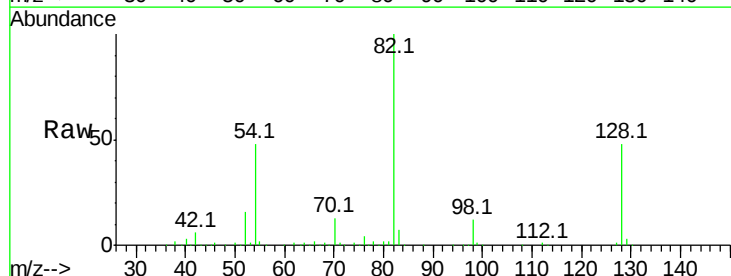


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

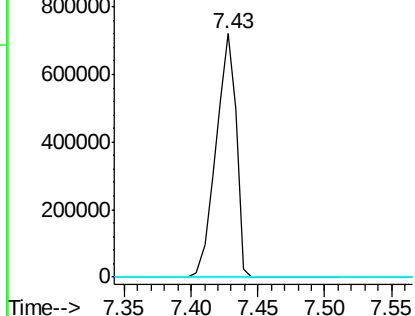
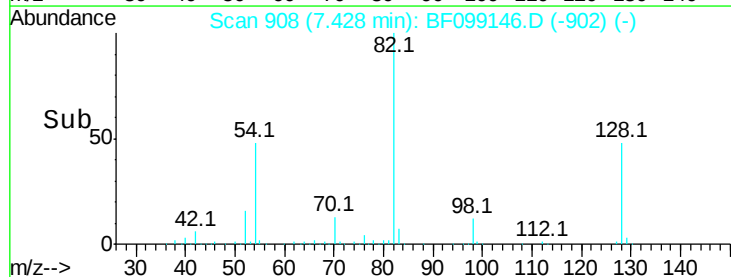


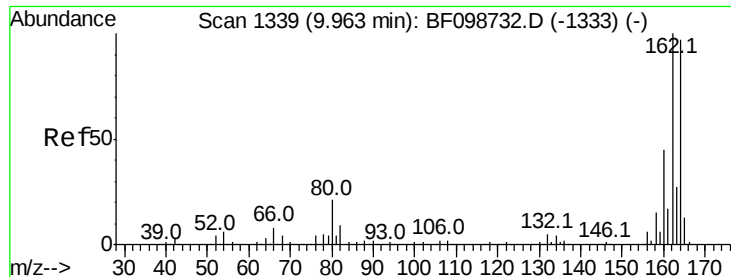
#25
 Isophorone
 Concen: 45.688 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

Tgt Ion	82	Resp	770453
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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

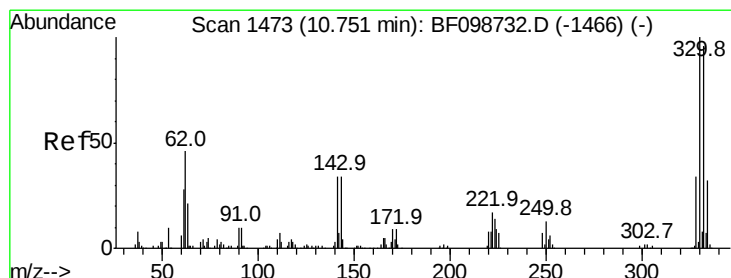
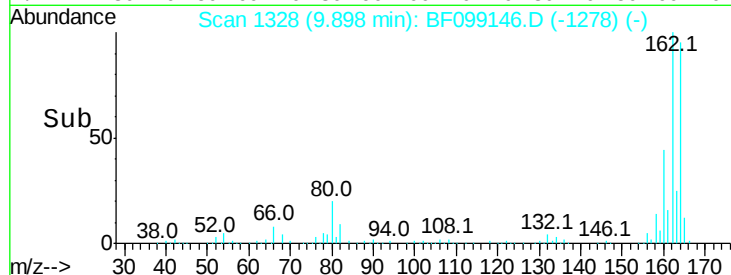
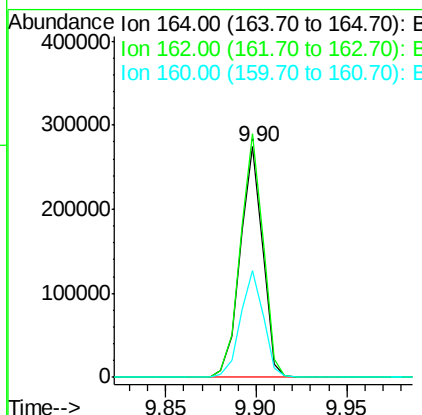
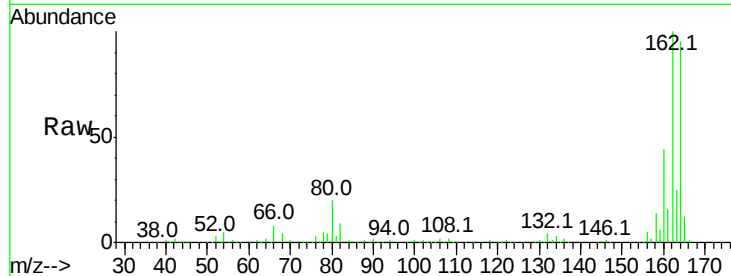




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099146.D
Acq: 6 Oct 2017 13:58

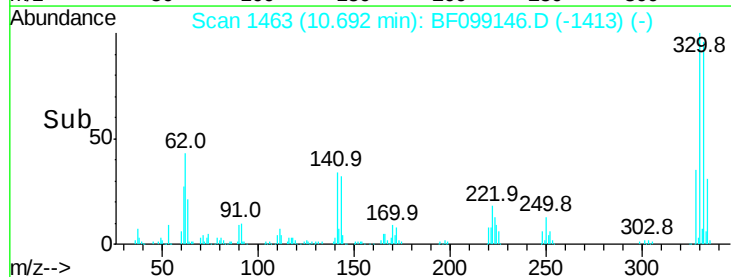
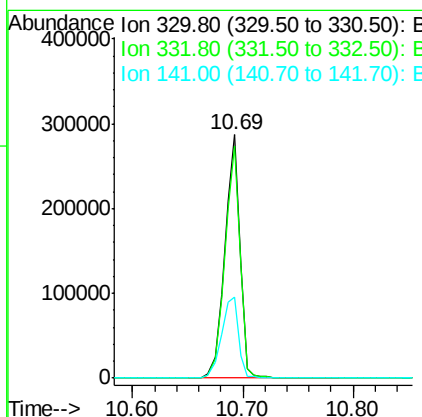
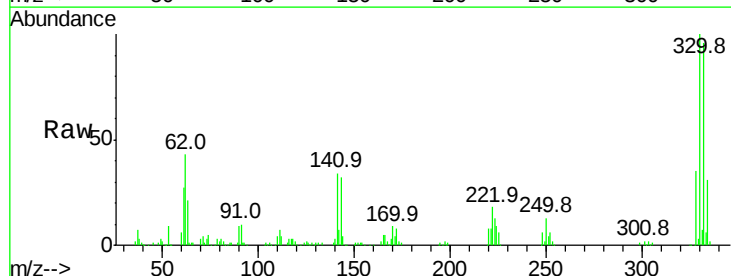
Instrument :
BNA_F
ClientSampleId :

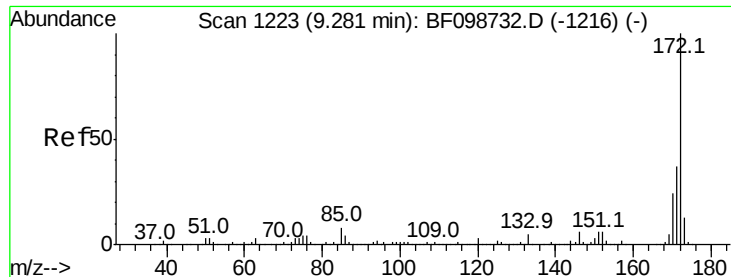
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.3	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 143.234 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099146.D
Acq: 6 Oct 2017 13:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.8	29.9	44.9



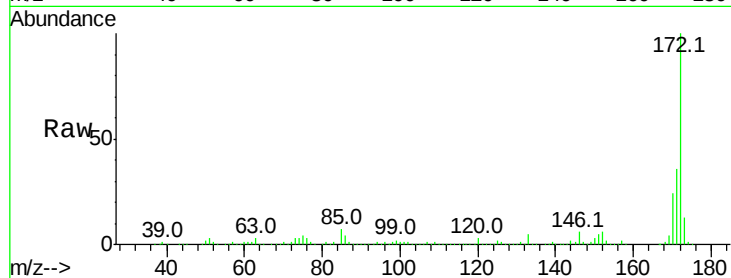


#44
 2-Fluorobiphenyl
 Concen: 96.431 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

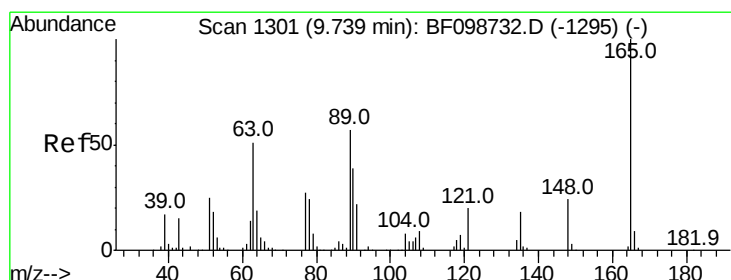
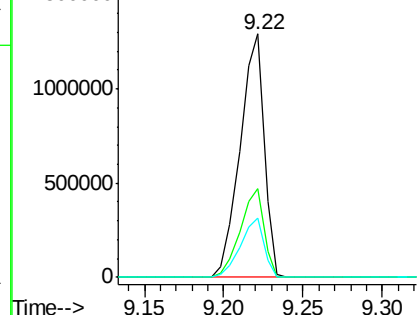
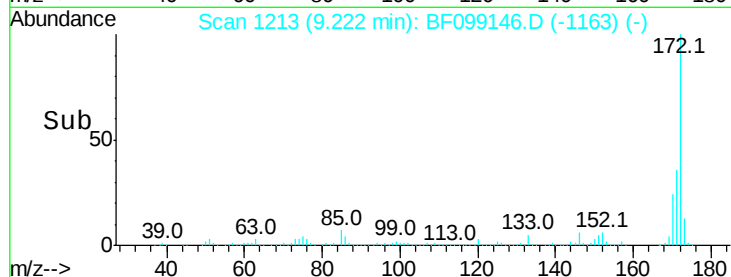
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1359820

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4



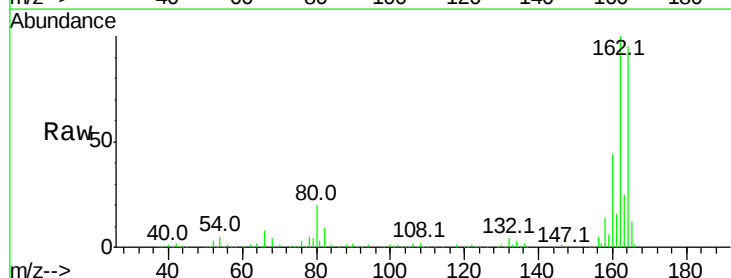
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



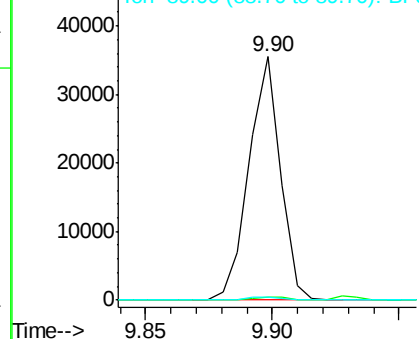
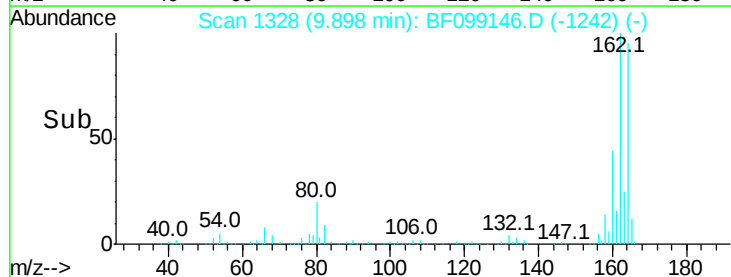
#50
 2,6-Dinitrotoluene
 Concen: 7.923 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

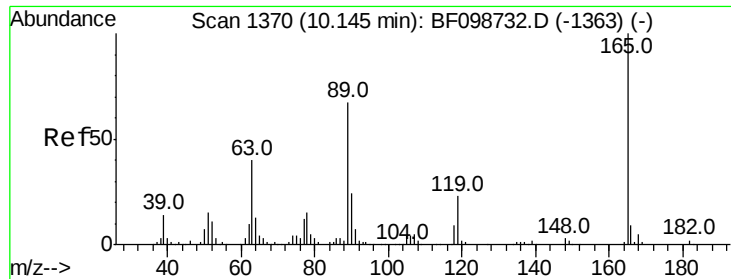
Tgt Ion:165 Resp: 30648

Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

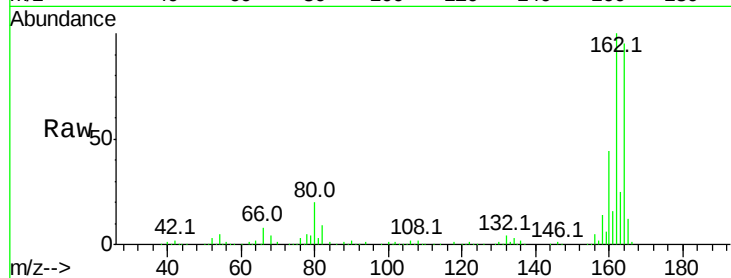




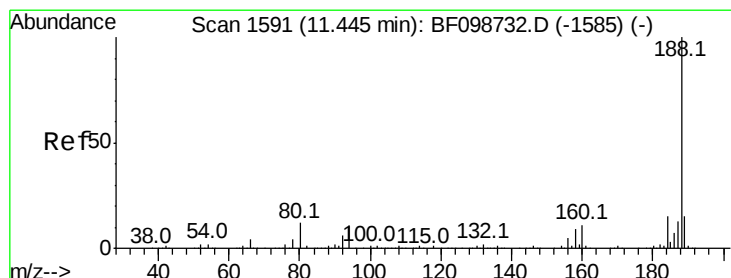
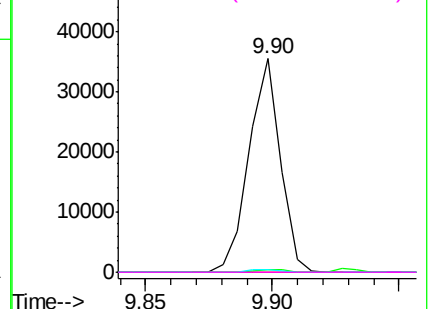
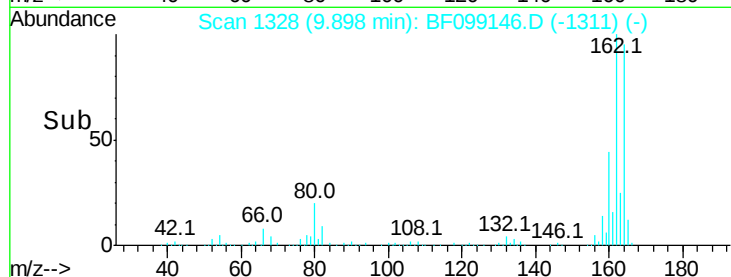
#56
 2,4-Dinitrotoluene
 Concen: 6.105 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 30648
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

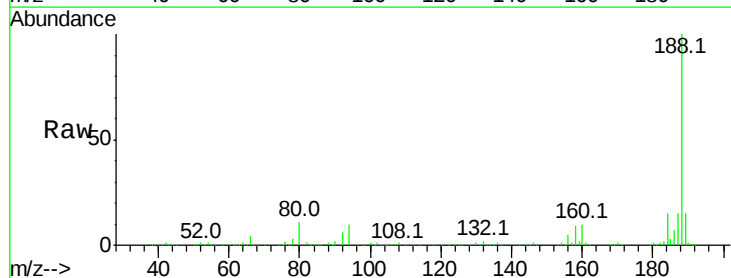


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

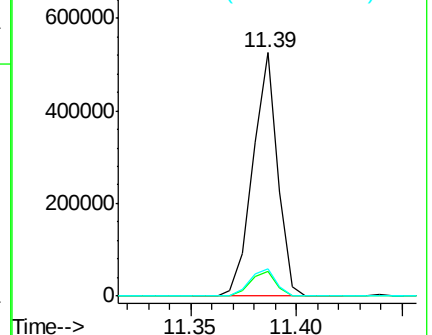
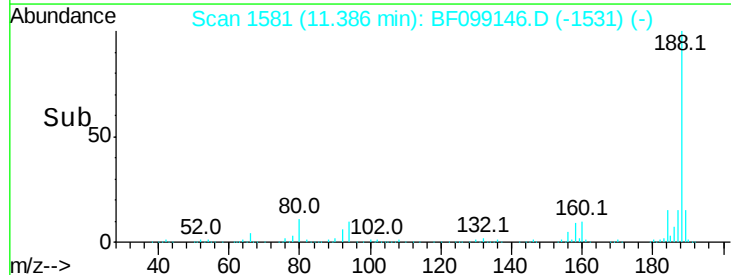


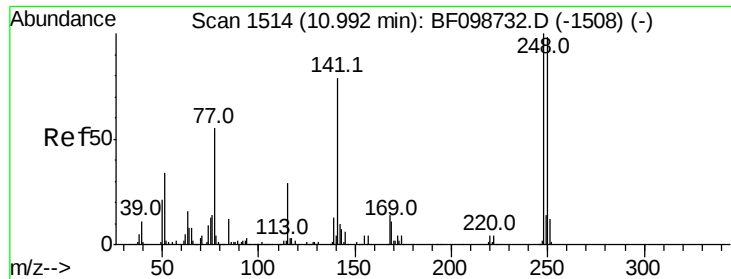
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

Tgt Ion:188 Resp: 426901
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.0 9.2 13.8



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

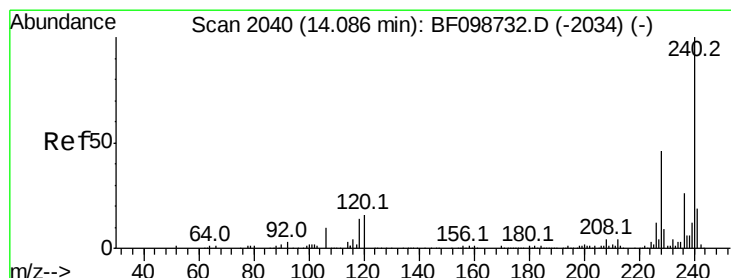
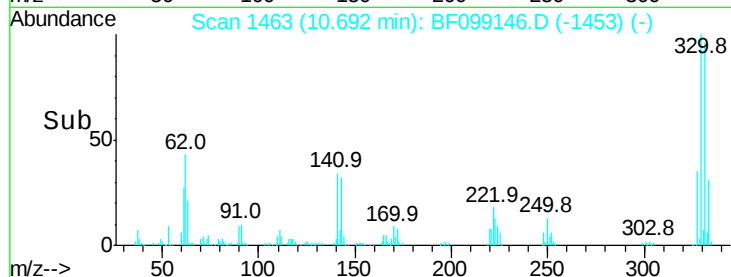
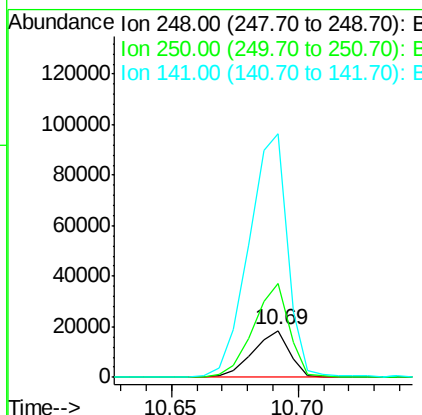
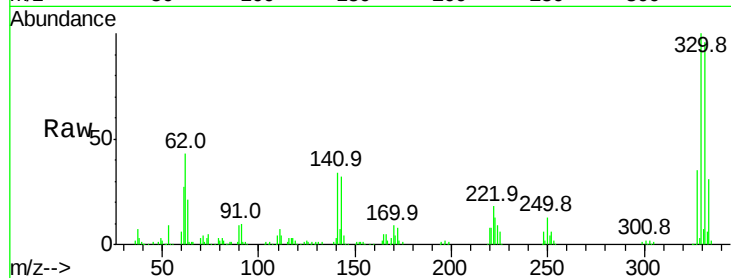




#66
 4-Bromophenyl-phenylether
 Concen: 4.400 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

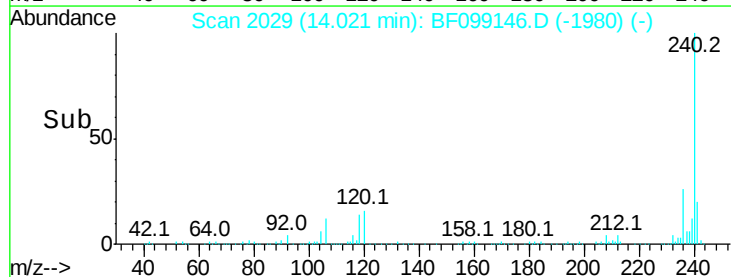
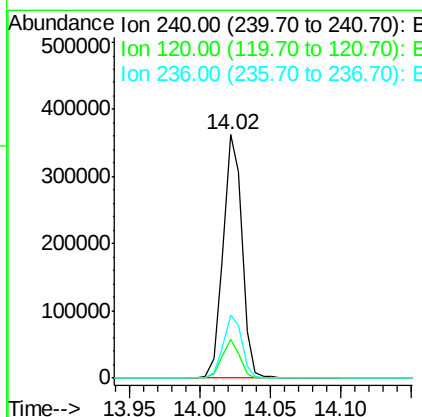
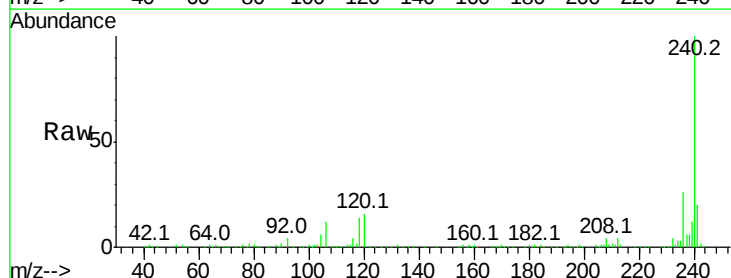
Instrument :
 BNA_F
 ClientSampleId :

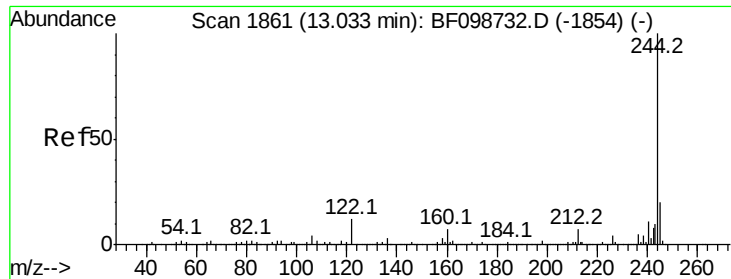
Tot Ion:248 Resp: 18388
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.9 115.3#
 141 520.9 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099146.D
 Acq: 6 Oct 2017 13:58

Tgt Ion:240 Resp: 338293
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.5 14.3#
 236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 84.730 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099146.D

Acq: 6 Oct 2017 13:58

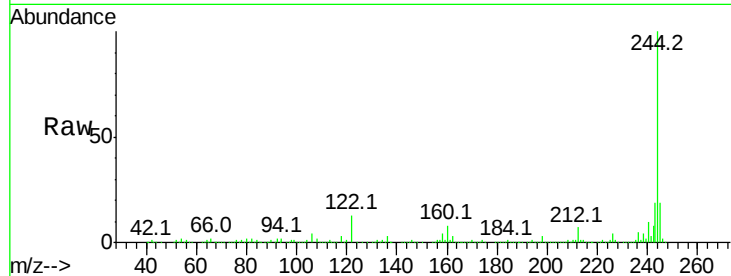
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1260386

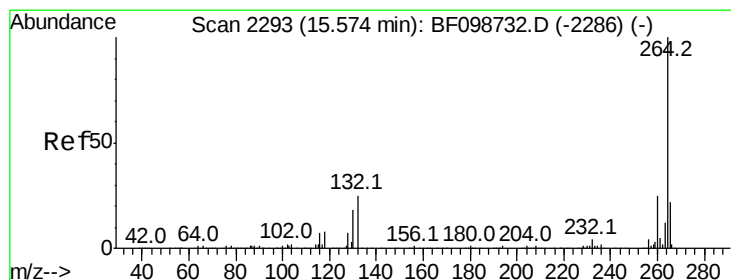
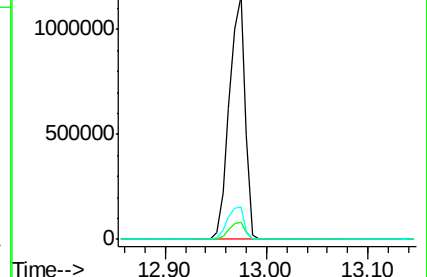
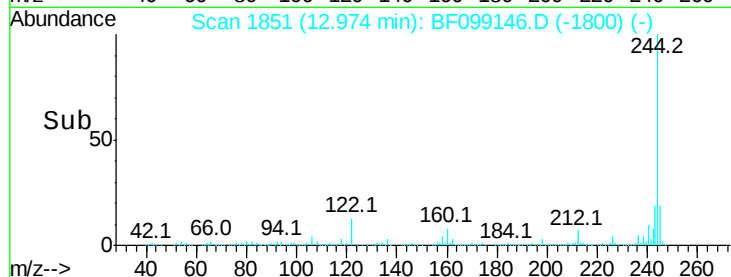
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.3	11.0	16.4



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: 15.50 min Scan# 2280

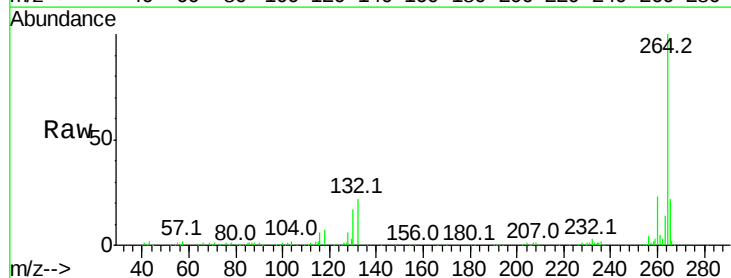
Delta R.T. -0.01 min

Lab File: BF099146.D

Acq: 6 Oct 2017 13:58

Tgt Ion:264 Resp: 237792

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3



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

