

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099504.D
 Acq On : 15 Oct 2017 4:33
 Operator : SJ/JU
 Sample : I5810-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 04:58:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

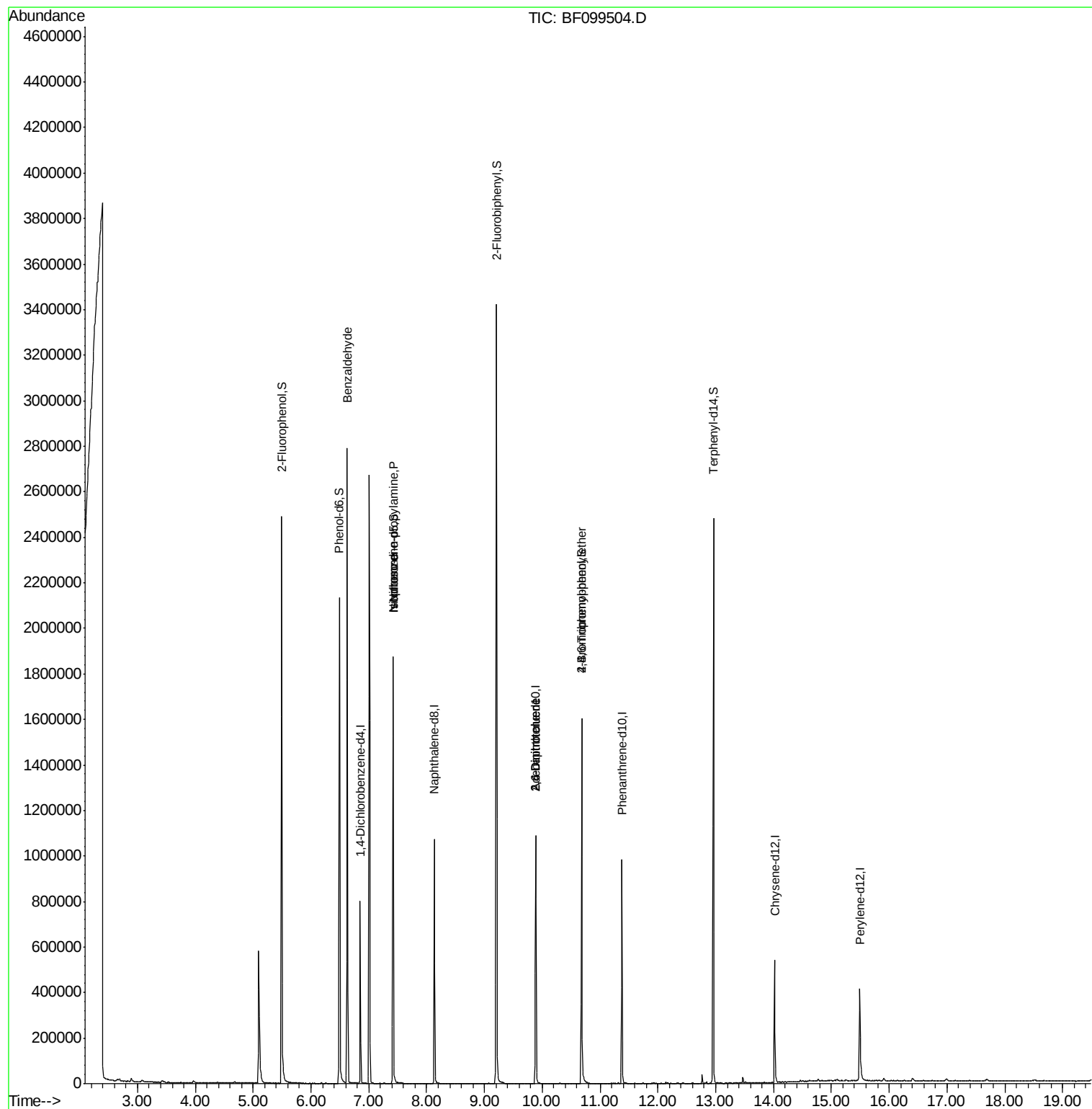
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117791	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	486244	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	212743	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	339673	20.00	ng	0.00
75) Chrysene-d12	14.02	240	199320	20.00	ng	0.00
86) Perylene-d12	15.49	264	208125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	855875	115.67	ng	0.02
7) Phenol-d6	6.50	99	956624	104.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	667743	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	202021	116.05	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1209990	94.95	ng	0.00
78) Terphenyl-d14	12.96	244	829294	94.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17194	3.247	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	86120	14.777	ng	# 73
25) Isophorone	7.42	82	667822	42.601	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	27560	7.884	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	27560	6.075	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	13192	3.968	ng	# 1

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

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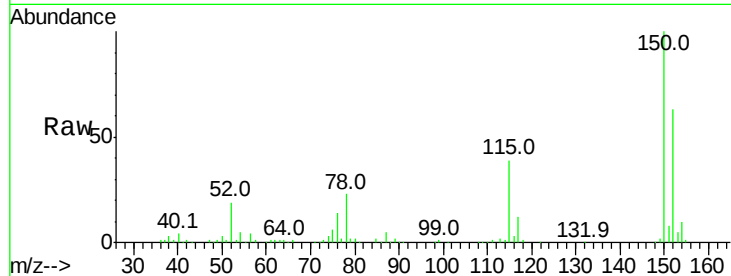


#1

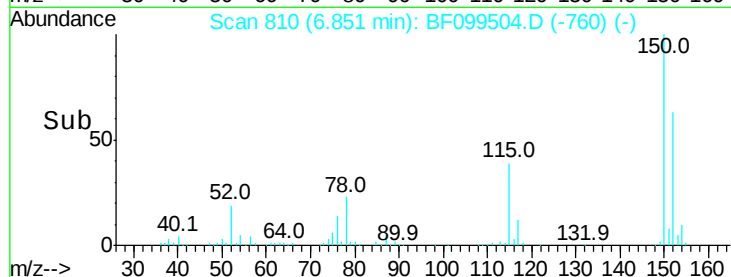
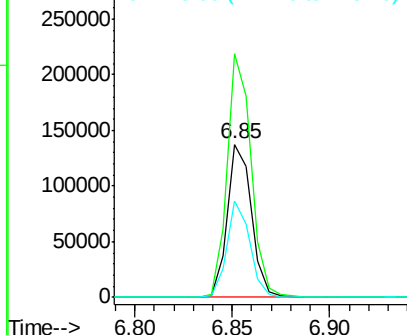
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099504.D
Acq: 15 Oct 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117791
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.6 50.1 75.1



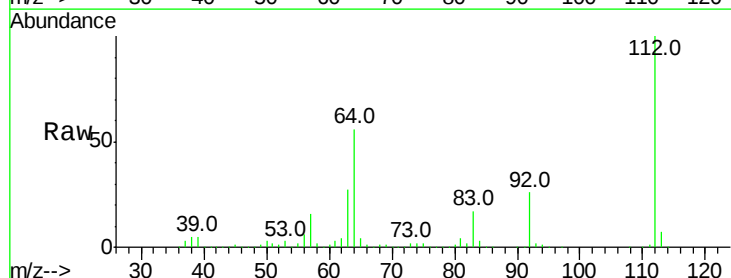
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



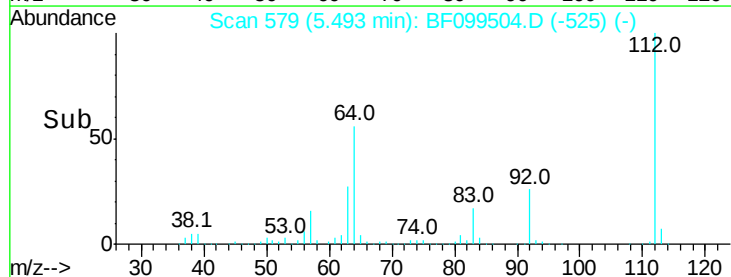
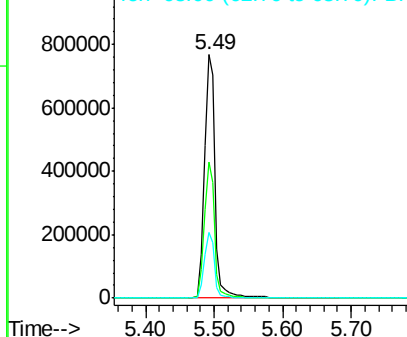
#5

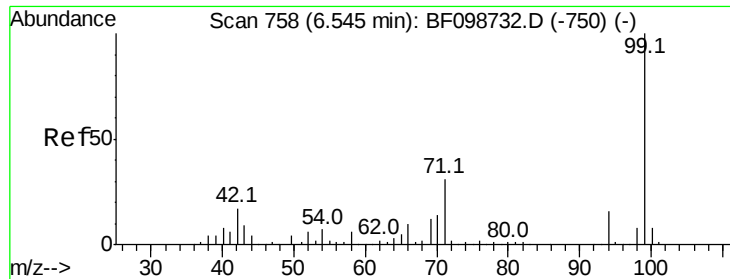
2-Fluorophenol
Concen: 115.668 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF099504.D
Acq: 15 Oct 2017 4:33

Tgt Ion:112 Resp: 855875
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.0 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: 104.801 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

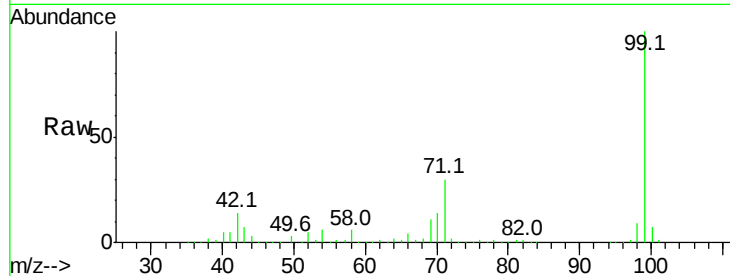
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 956624

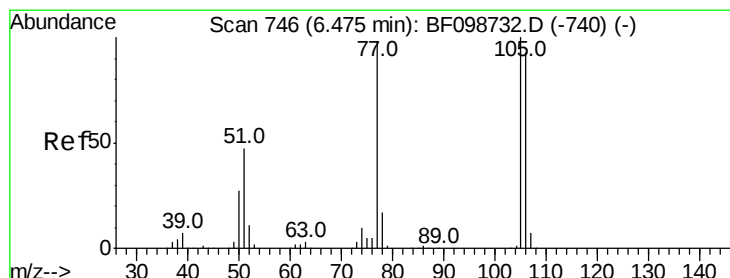
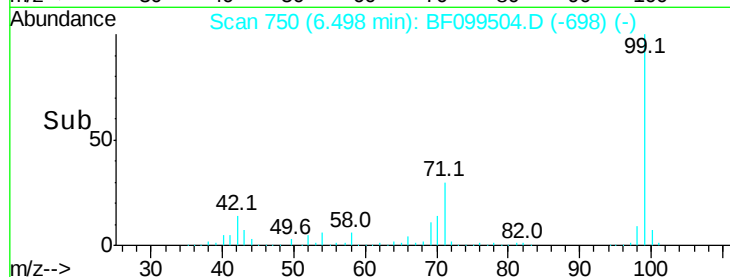
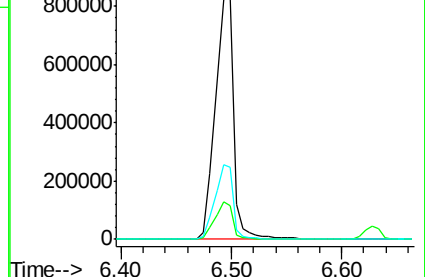
Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.5	21.7#
71	29.7	25.4	38.0



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: 3.247 ng

RT: 6.63 min Scan# 772

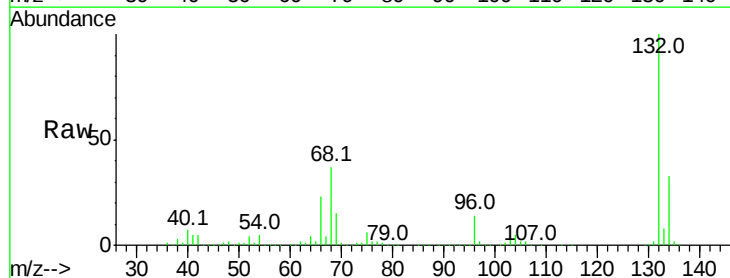
Delta R.T. 0.22 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

Tgt Ion: 77 Resp: 17194

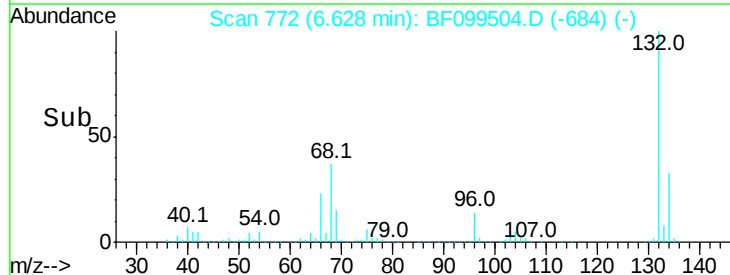
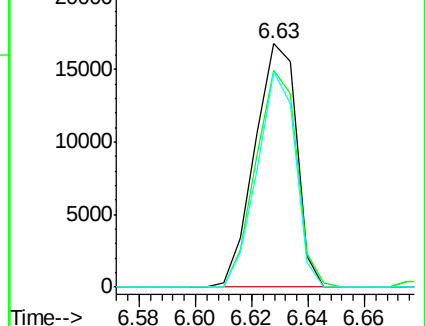
Ion	Ratio	Lower	Upper
77	100		
105	89.2	81.1	121.1
106	88.7	74.5	114.5

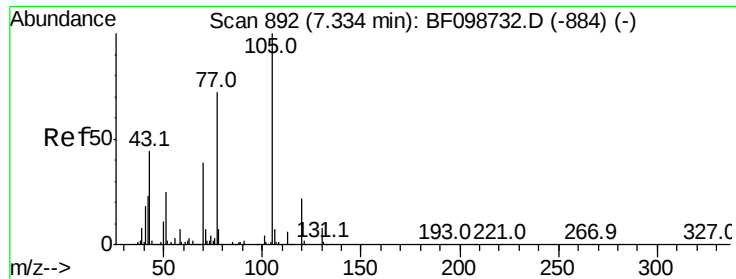


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

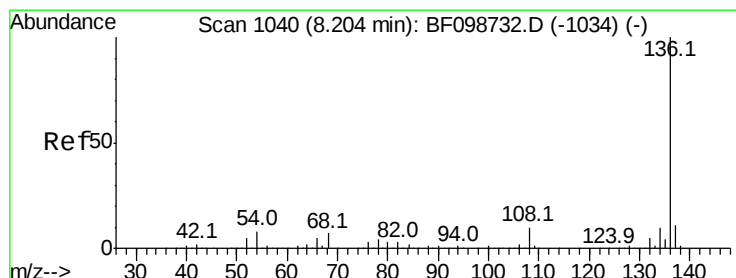
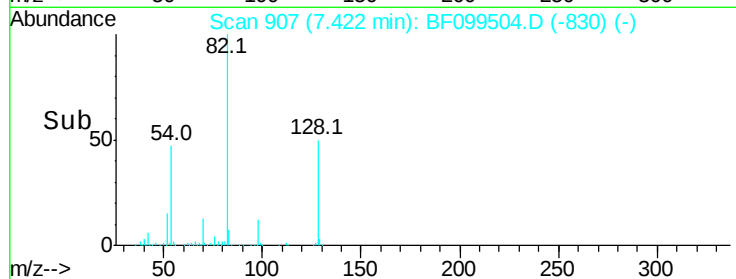
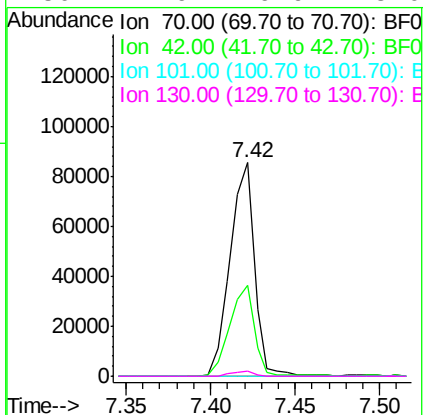
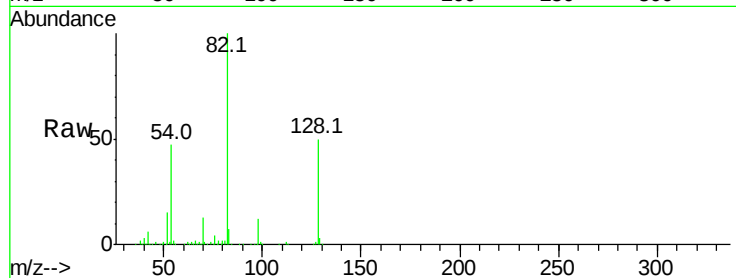




#19
n-Nitroso-di-n-propylamine
Concen: 14.777 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099504.D
Acq: 15 Oct 2017 4:33

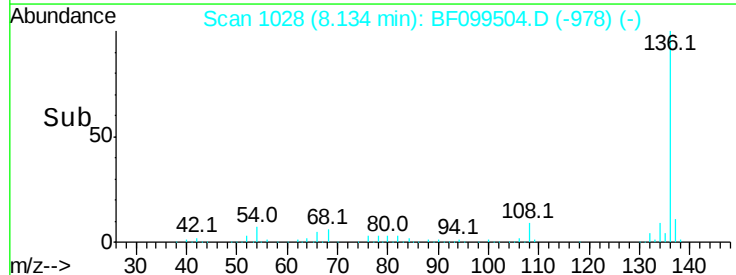
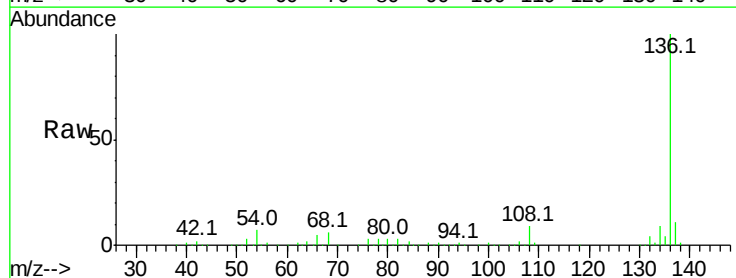
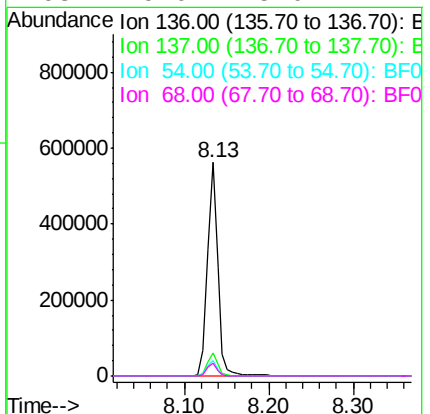
Instrument :
BNA_F
ClientSampleId :

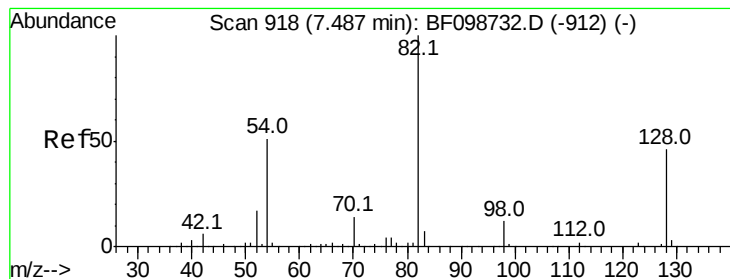
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099504.D
Acq: 15 Oct 2017 4:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	6.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 88.068 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

Instrument :

BNA_F

ClientSampled :

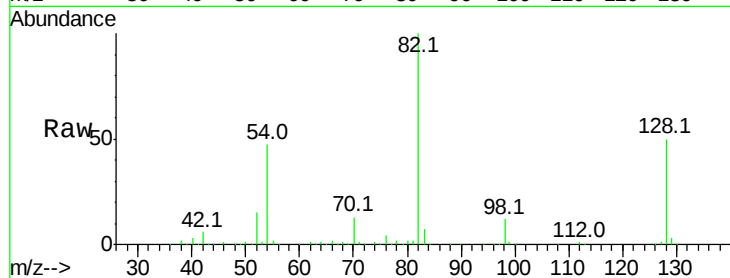
Tot Ion: 82 Resp: 667743

Ion Ratio Lower Upper

82 100

128 49.6 36.1 54.1

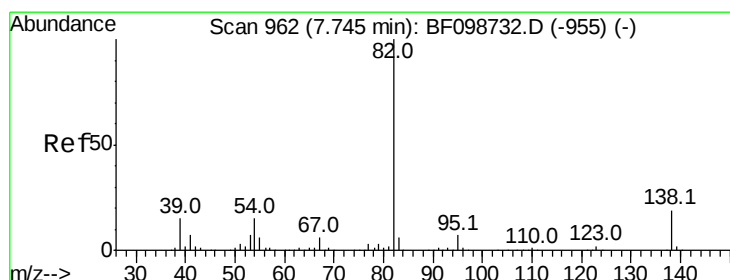
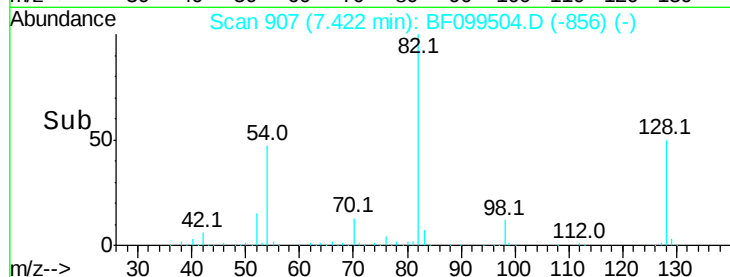
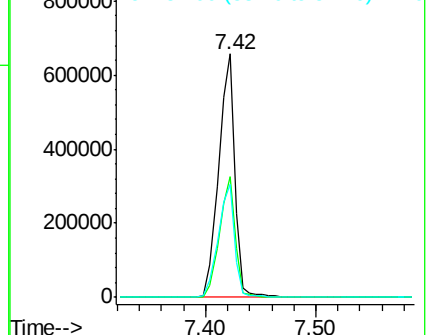
54 46.6 41.4 62.2



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: 42.601 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

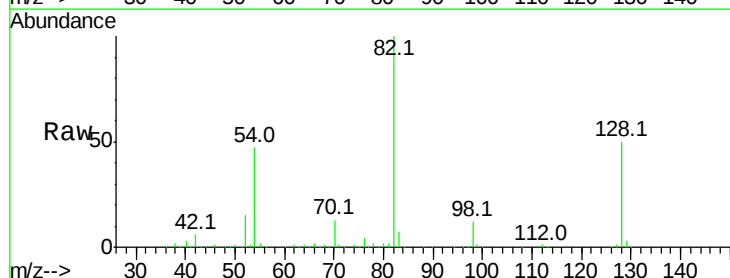
Tgt Ion: 82 Resp: 667822

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

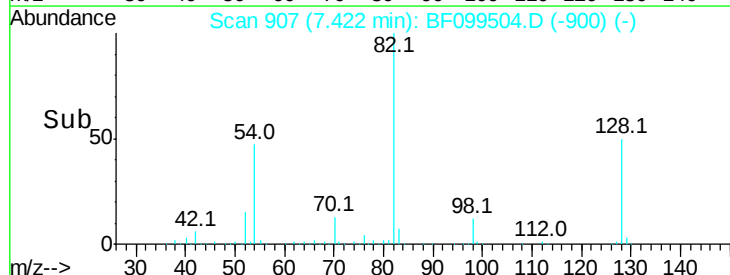
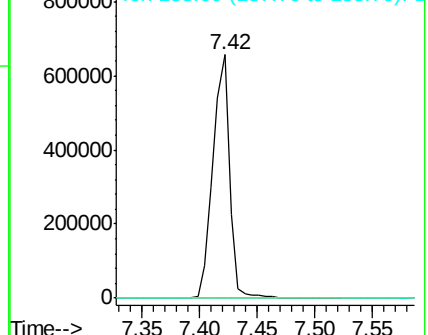
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

Instrument :

BNA_F

ClientSampleId :

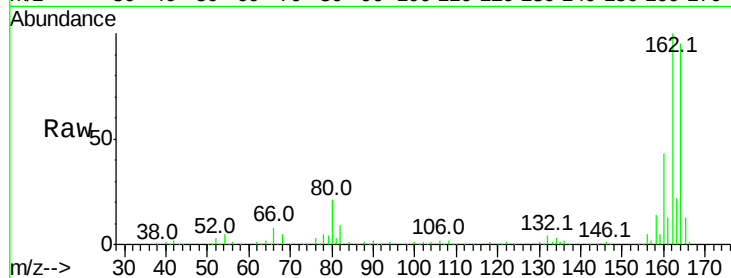
Tot Ion:164 Resp: 212743

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

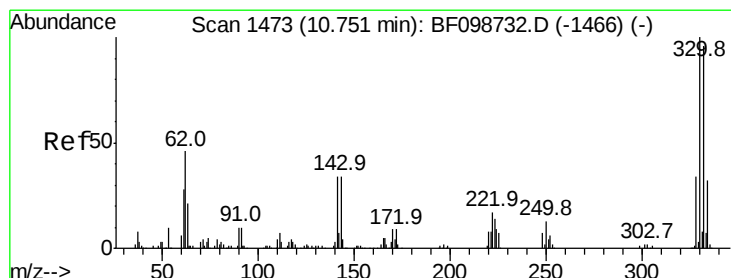
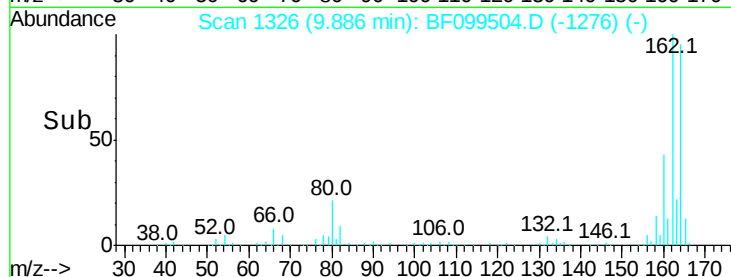
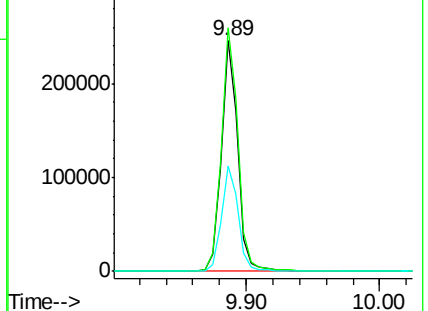
160 45.6 38.3 57.5



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: 116.050 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

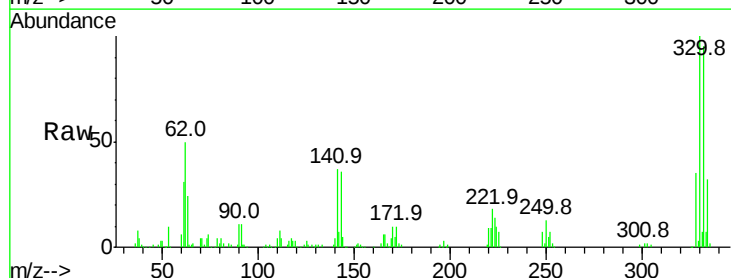
Tgt Ion:330 Resp: 202021

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

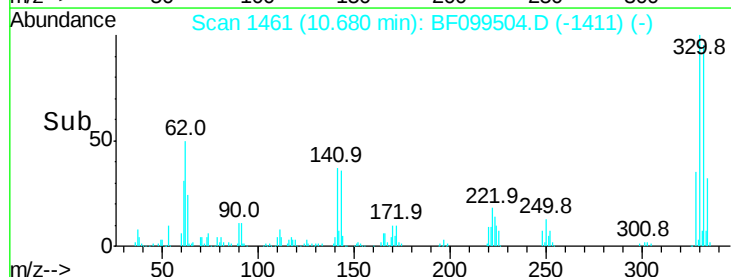
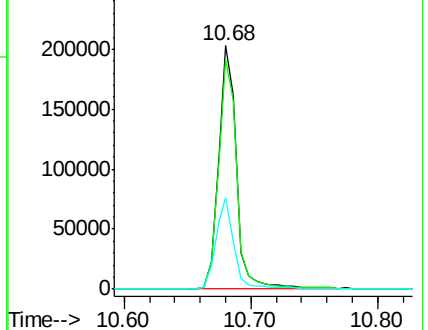
141 38.5 29.9 44.9



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



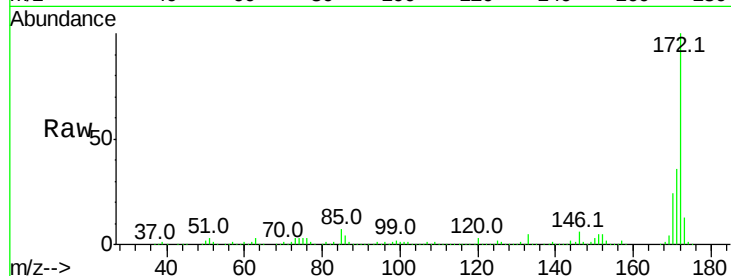


#44
 2-Fluorobiphenyl
 Concen: 94.949 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

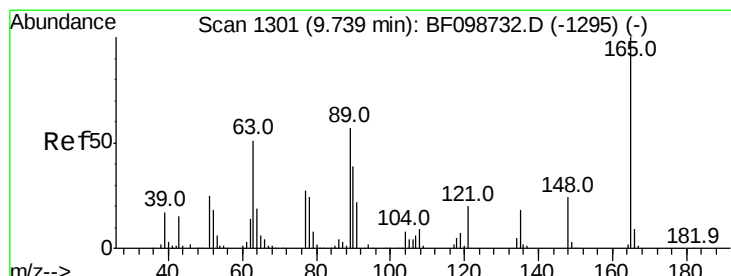
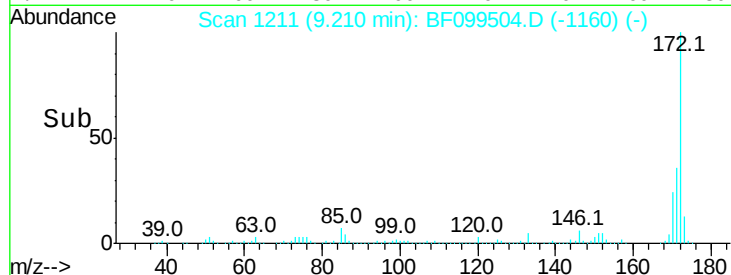
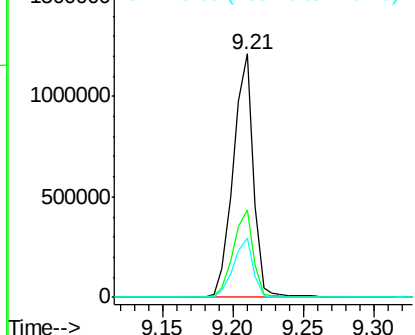
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1209990

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4



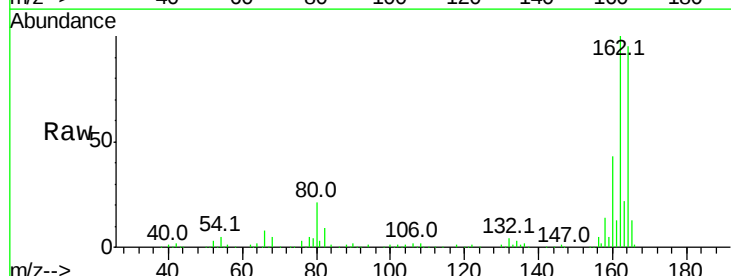
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



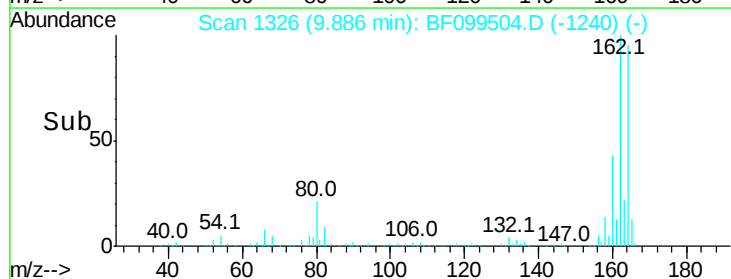
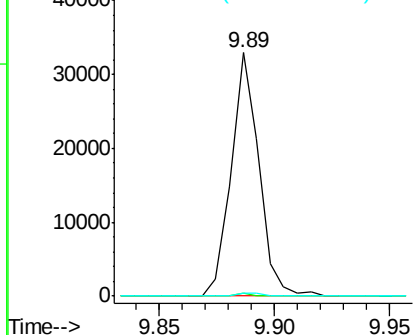
#50
 2,6-Dinitrotoluene
 Concen: 7.884 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

Tgt Ion:165 Resp: 27560

Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

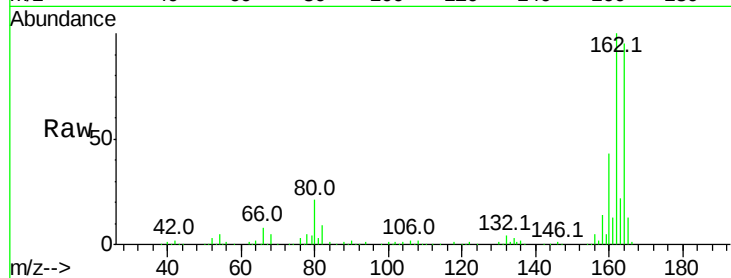




#56
 2,4-Dinitrotoluene
 Concen: 6.075 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	27560
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#

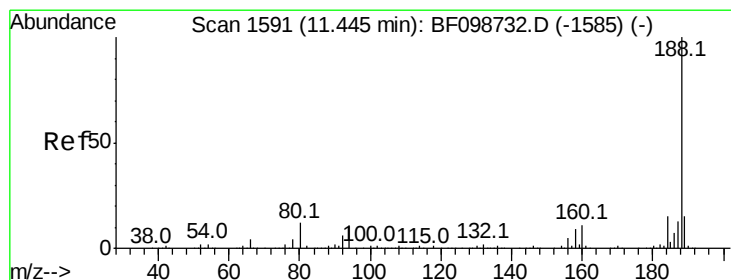
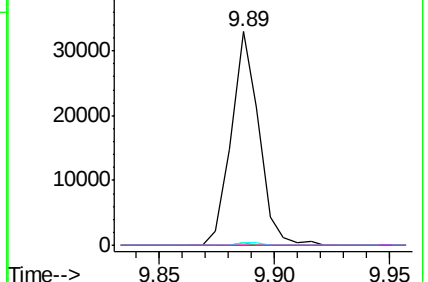
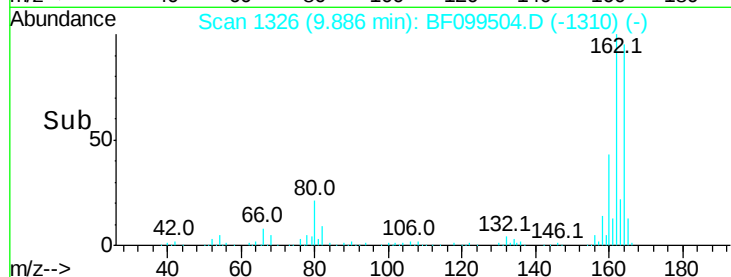


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

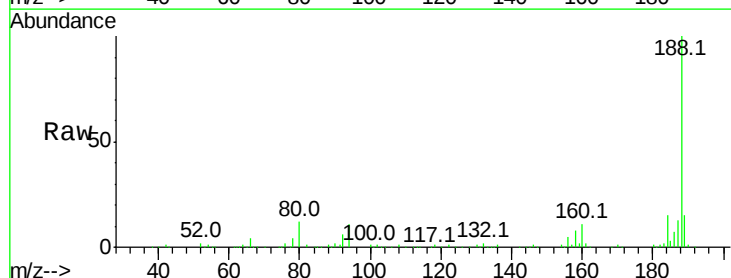
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

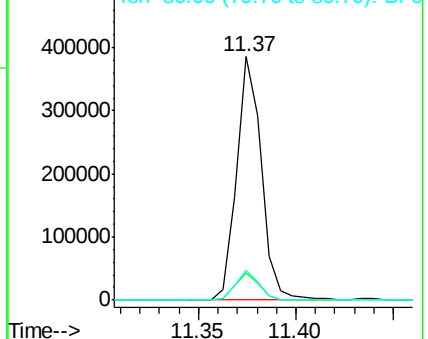
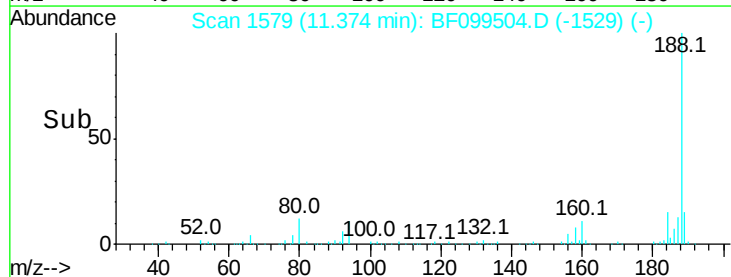
Tgt Ion:188	Resp:	339673
Ion Ratio	Lower	Upper
188	100	
94	11.3	8.5 12.7
80	12.2	9.2 13.8

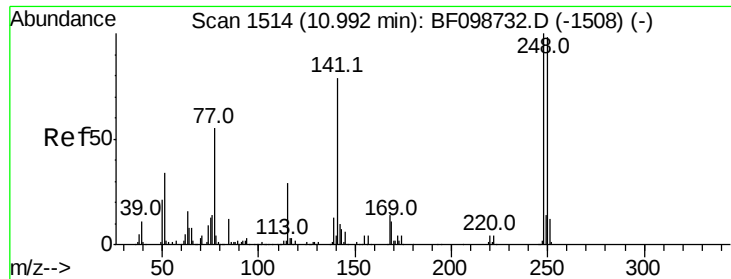


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

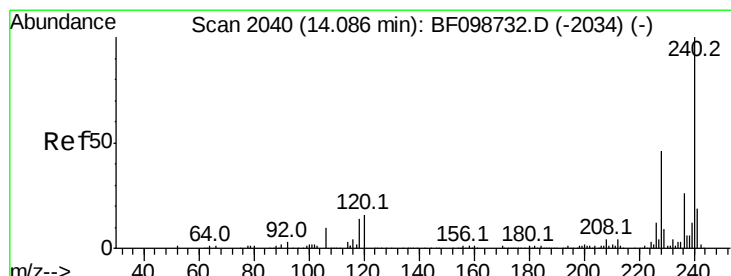
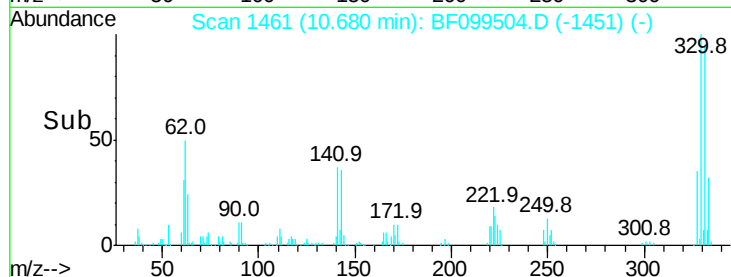
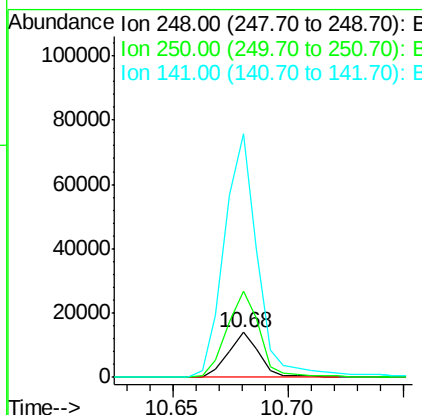
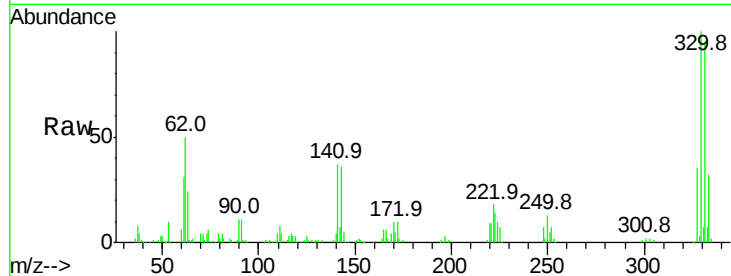




#66
 4-Bromophenyl-phenylether
 Concen: 3.968 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

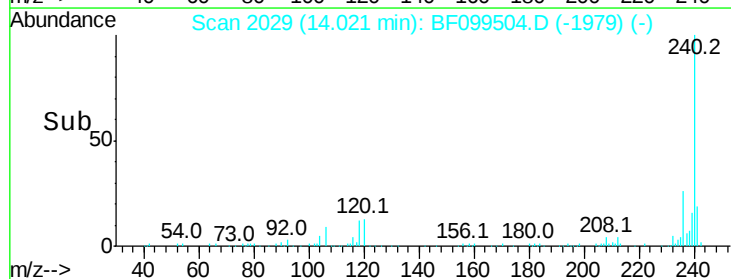
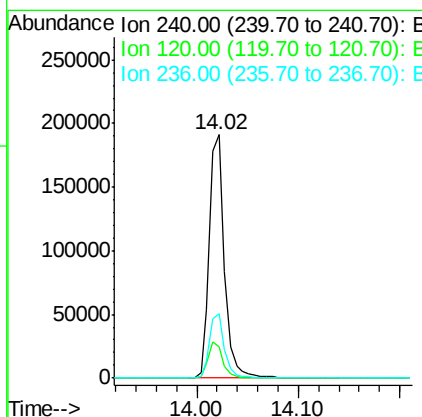
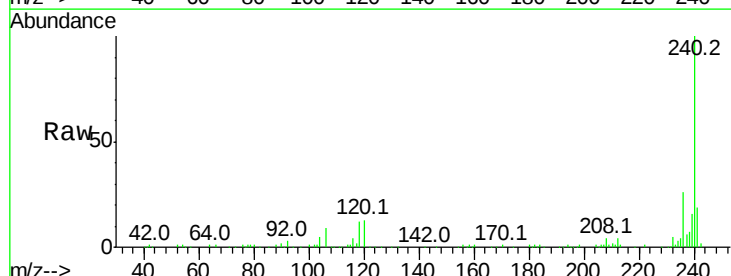
Instrument :
 BNA_F
 ClientSampleId :

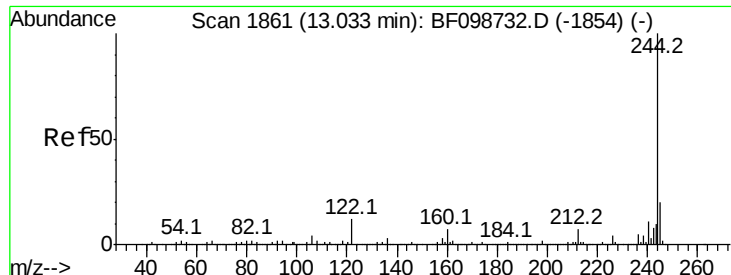
Tot Ion:248 Resp: 13192
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.9 115.3#
 141 538.9 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

Tgt Ion:240 Resp: 199320
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 26.5 20.7 31.1

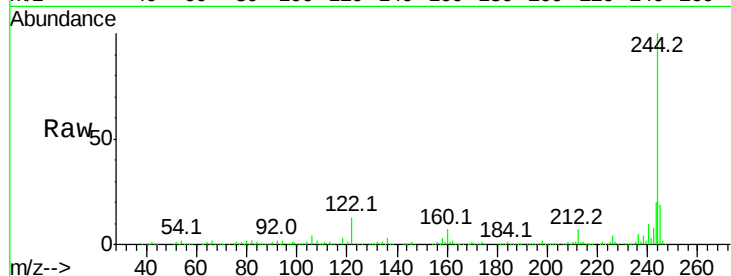




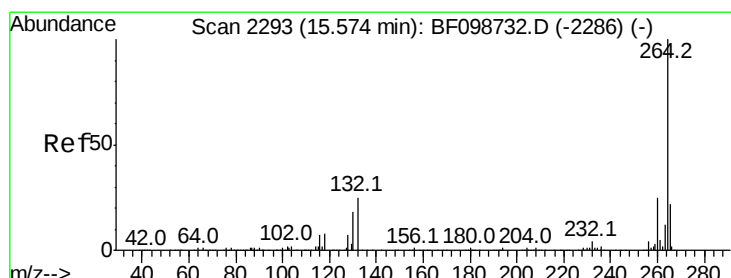
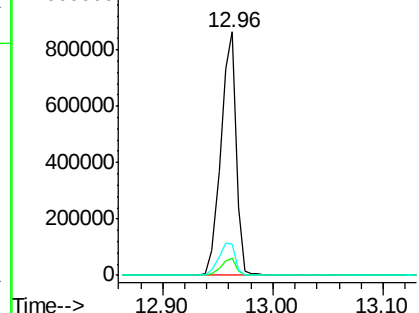
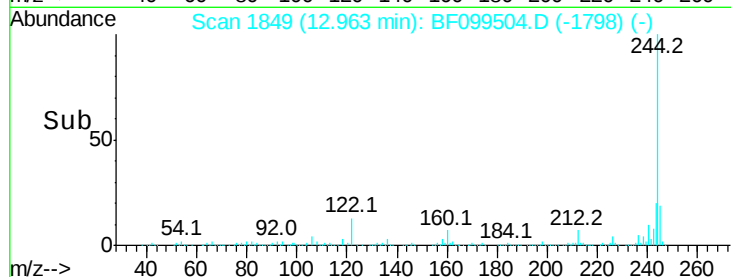
#78
 Terphenyl-d14
 Concen: 94.621 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 829294
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4

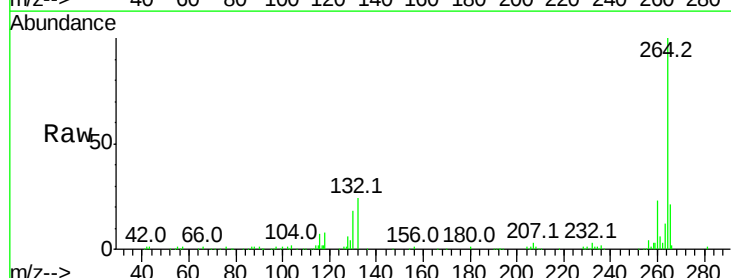


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

Tgt Ion:264 Resp: 208125
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.0 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

