

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099269.D
 Acq On : 9 Oct 2017 18:24
 Operator : SJ/JU
 Sample : I5651-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:11:33 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

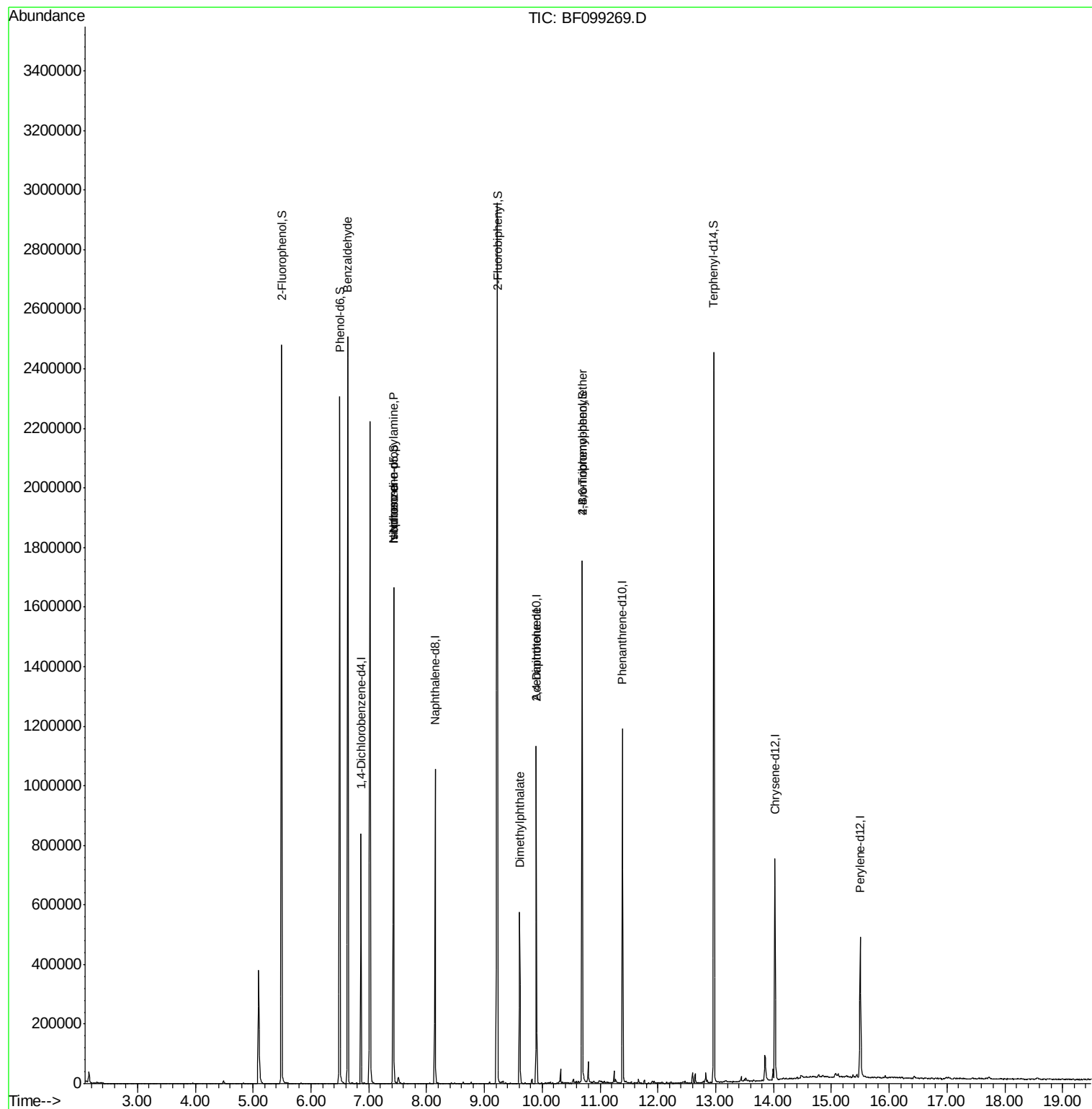
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115314	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	473119	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	219533	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	392313	20.00	ng	0.00
75) Chrysene-d12	14.03	240	245267	20.00	ng	0.00
86) Perylene-d12	15.50	264	211738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	775671	107.08	ng	0.01
7) Phenol-d6	6.50	99	960977	107.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	572230	77.56	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	215792	120.13	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1015299	77.21	ng	0.00
78) Terphenyl-d14	12.97	244	849576	78.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15465	2.98	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.43	70	72087	12.64	ng	# 75
25) Isophorone	7.43	82	572224	37.52	ng	# 64
49) Dimethylphthalate	9.61	163	223686	13.50	ng	99
56) 2,4-Dinitrotoluene	9.90	165	27669	5.91	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	14498	3.78	ng	# 1

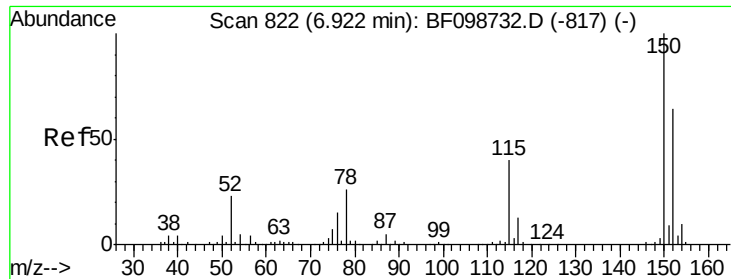
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099269.D
Acq On : 9 Oct 2017 18:24
Operator : SJ/JU
Sample : I5651-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 10 01:11:33 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



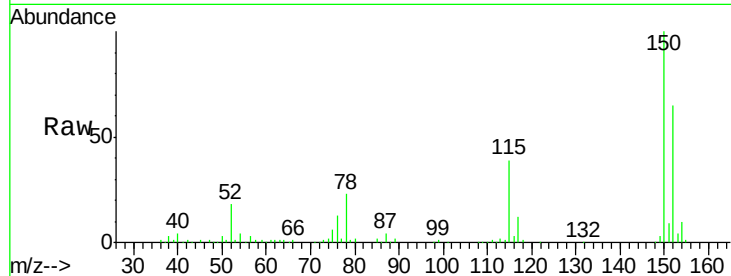


#1

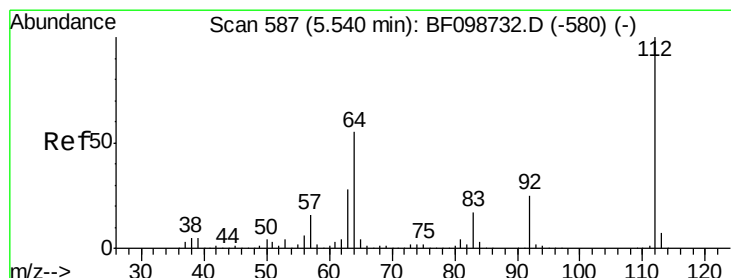
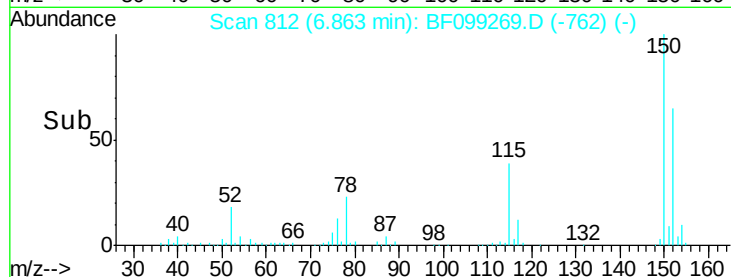
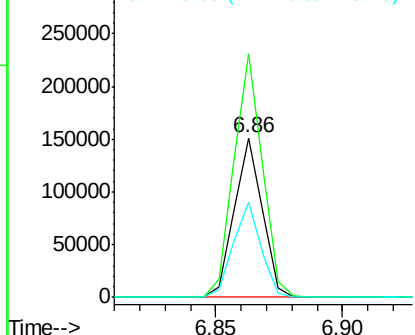
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115314
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 59.7 50.1 75.1



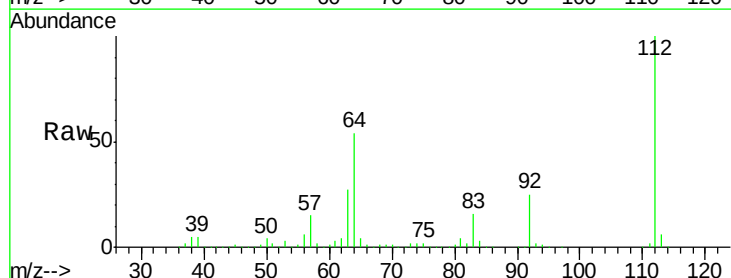
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



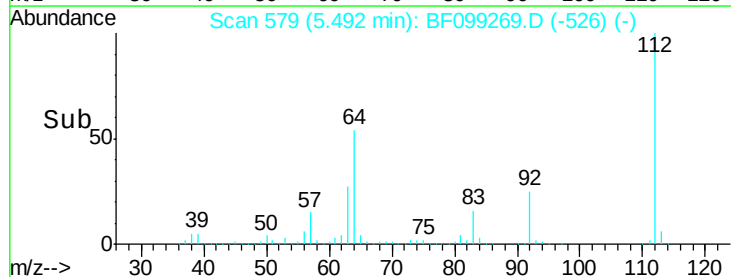
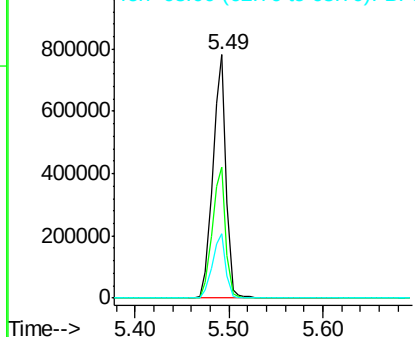
#5

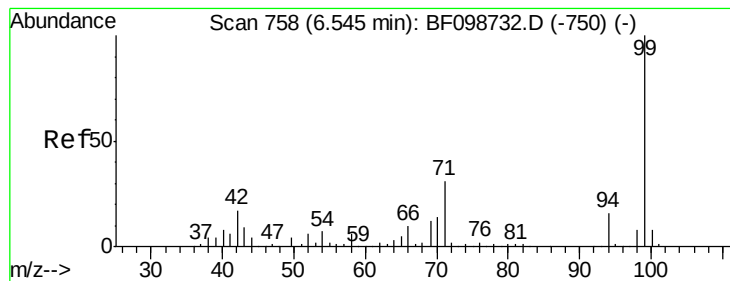
2-Fluorophenol
Concen: 107.08 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Tgt Ion:112 Resp: 775671
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.7 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: 107.54 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

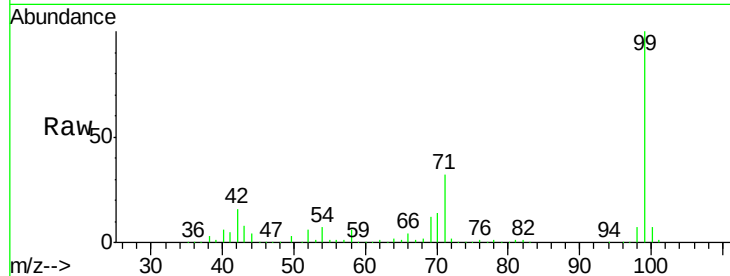
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 960977

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	31.7	25.4	38.0

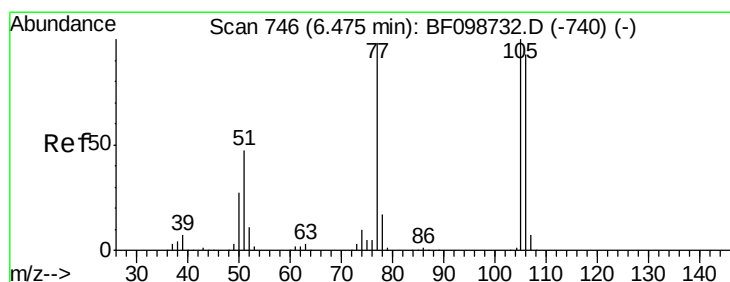
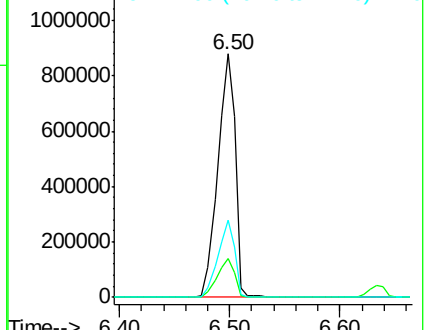
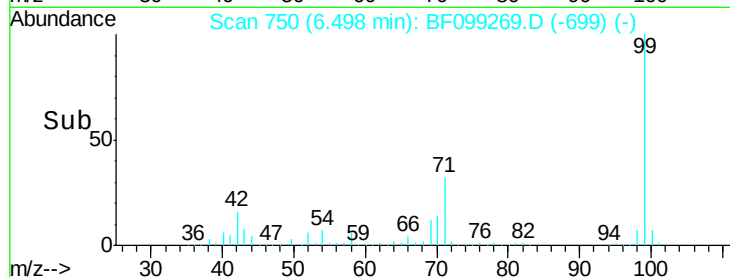


Abundance

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: 2.98 ng

RT: 6.63 min Scan# 773

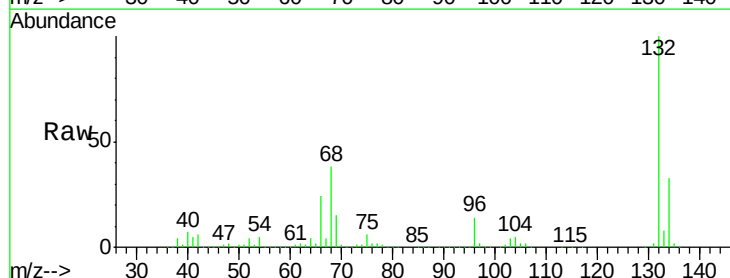
Delta R.T. 0.21 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Tgt Ion: 77 Resp: 15465

Ion	Ratio	Lower	Upper
77	100		
105	83.4	81.1	121.1
106	79.0	74.5	114.5

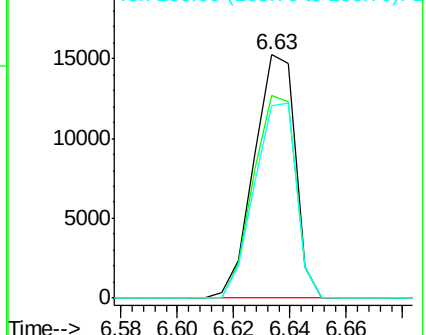
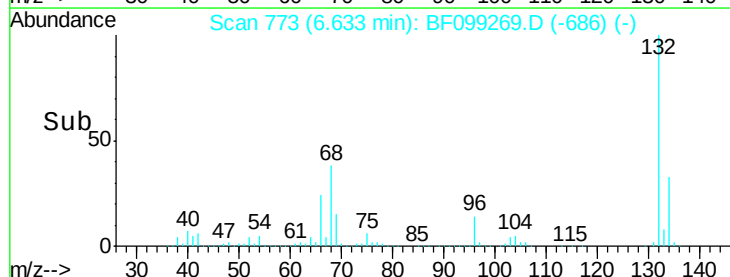


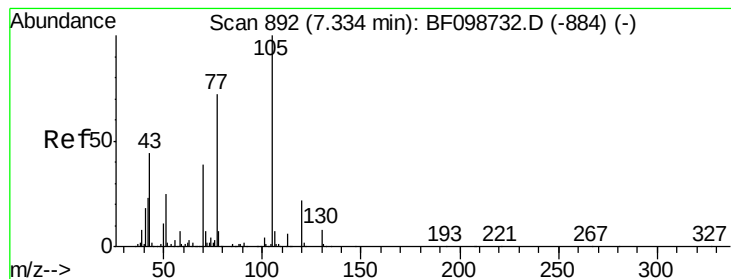
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.64 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 72087

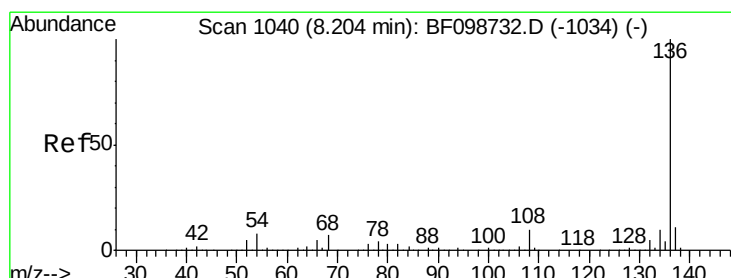
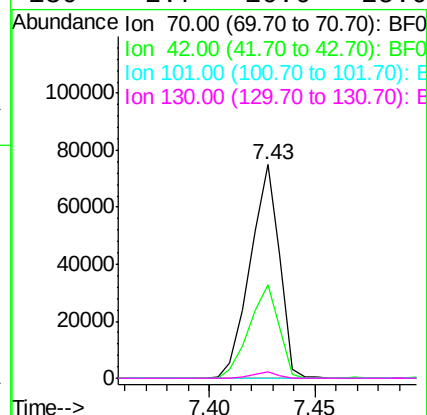
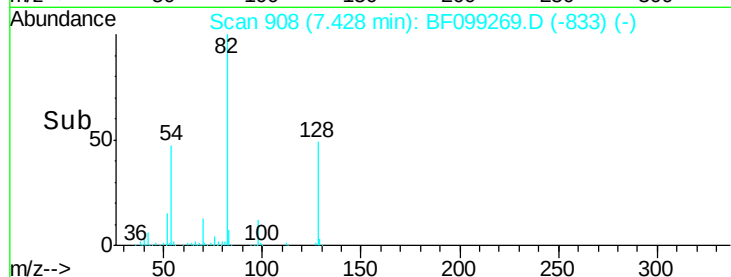
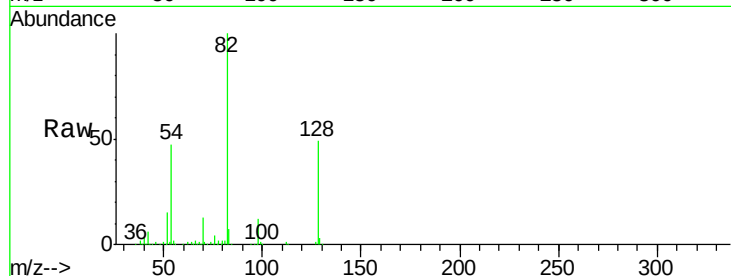
Ion Ratio Lower Upper

70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099269.D

Acq: 9 Oct 2017 18:24

Tgt Ion: 136 Resp: 473119

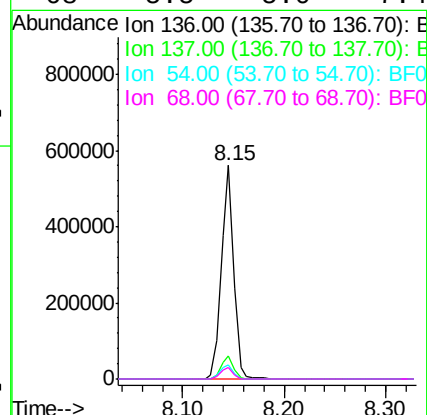
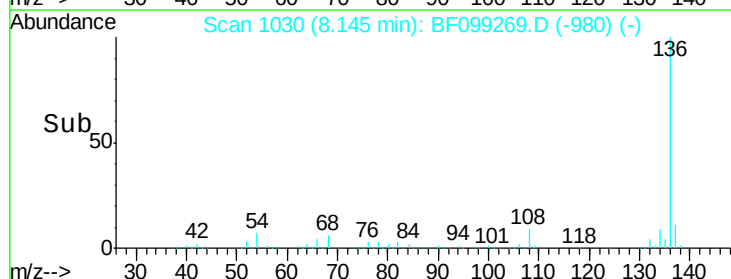
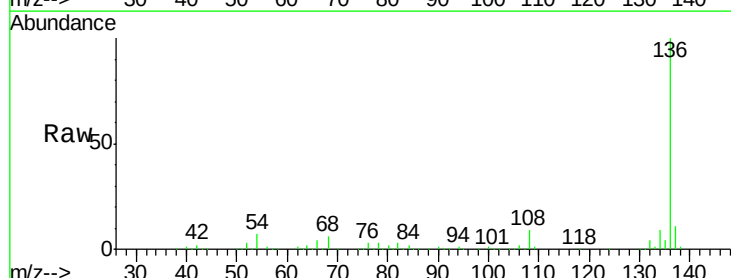
Ion Ratio Lower Upper

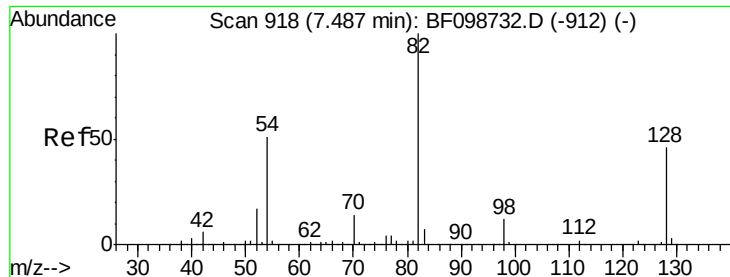
136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 5.5 5.0 7.4

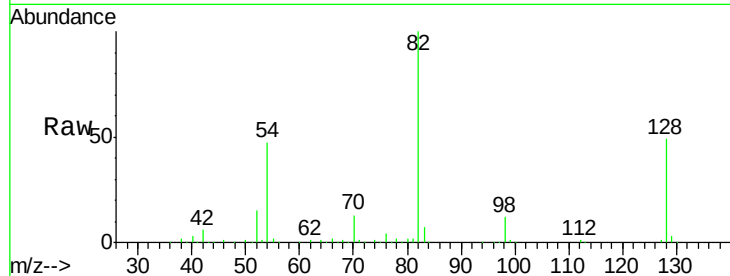




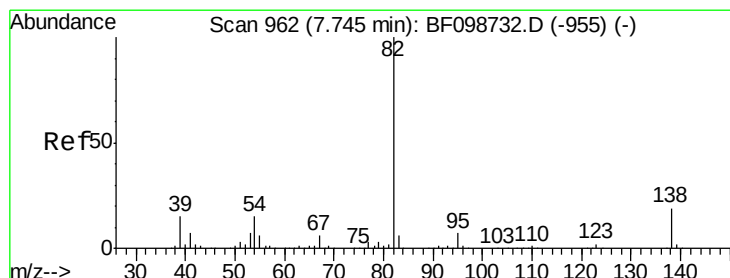
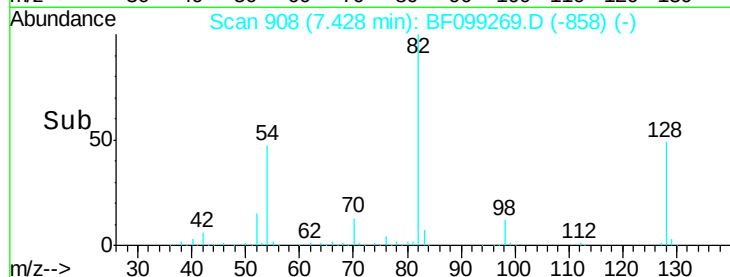
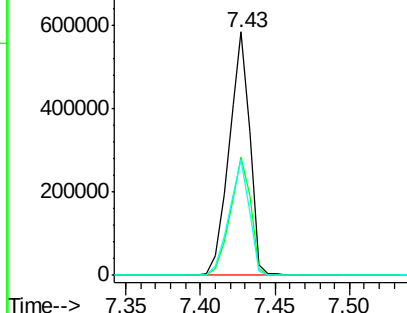
#23
Nitrobenzene-d5
Concen: 77.56 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 572230
Ion Ratio Lower Upper
82 100
128 48.7 36.1 54.1
54 47.3 41.4 62.2

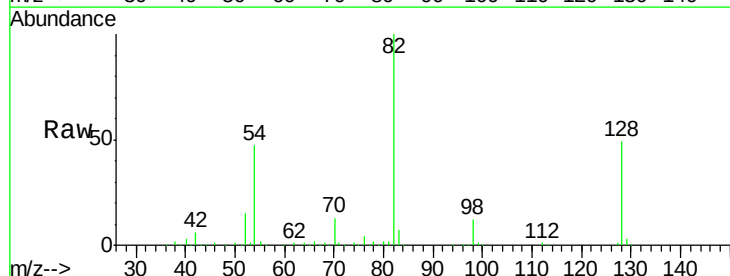


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

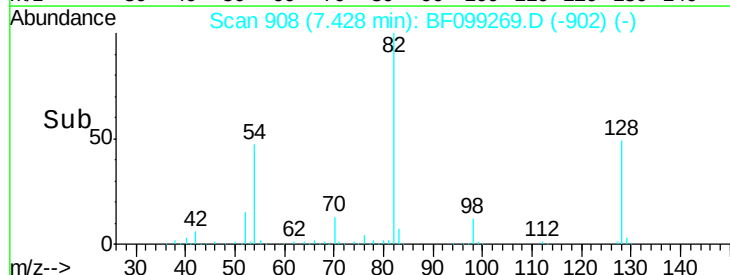
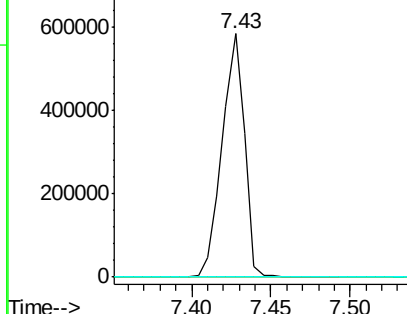


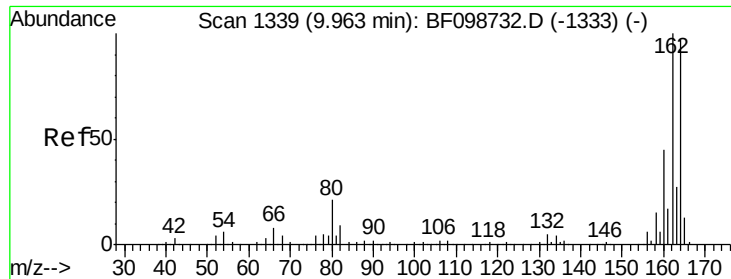
#25
Isophorone
Concen: 37.52 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099269.D
Acq: 9 Oct 2017 18:24

Tgt Ion: 82 Resp: 572224
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

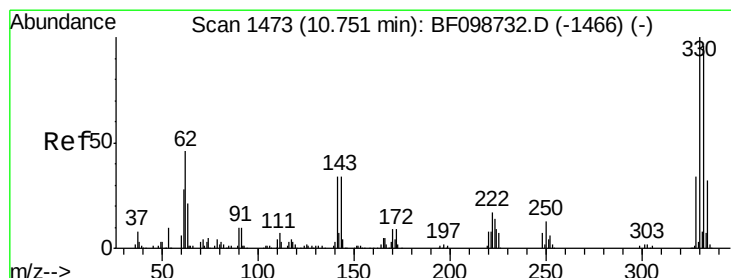
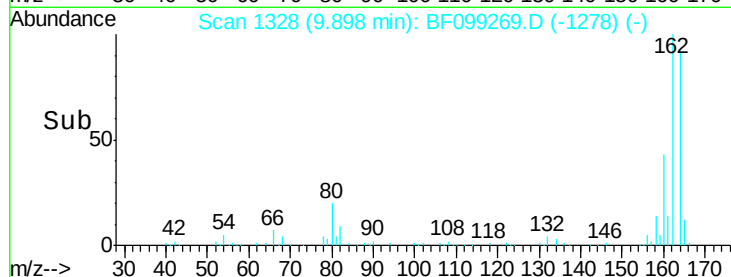
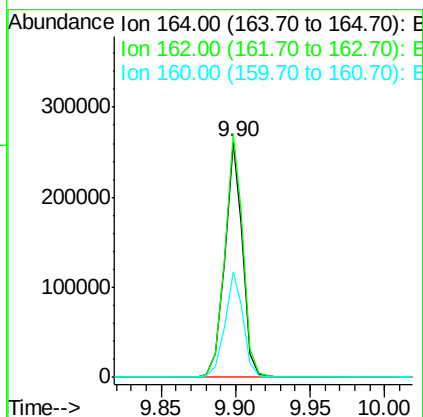
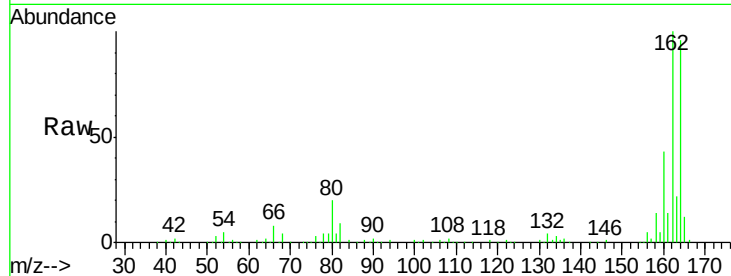




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

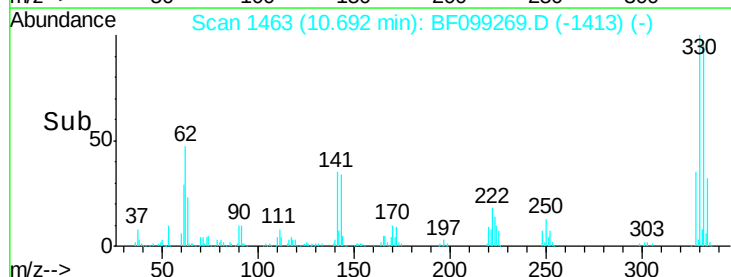
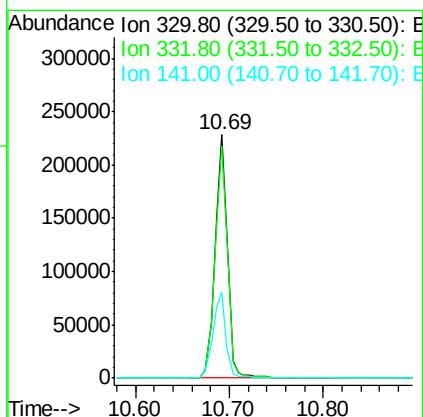
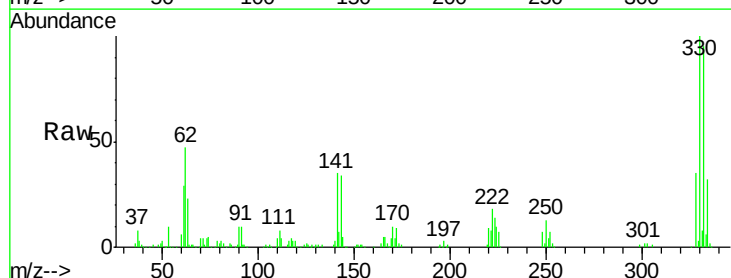
Instrument :
 BNA_F
 ClientSampleId :

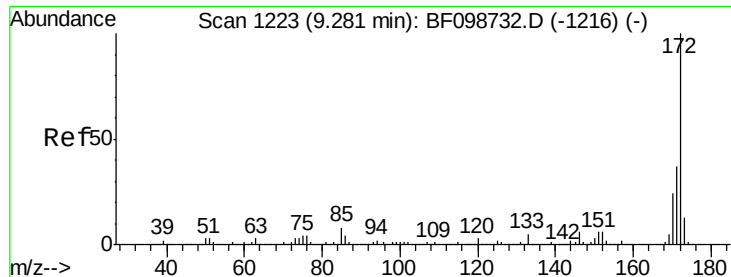
Tot Ion:164 Resp: 219533
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 120.13 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Tgt Ion:330 Resp: 215792
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 36.8 29.9 44.9

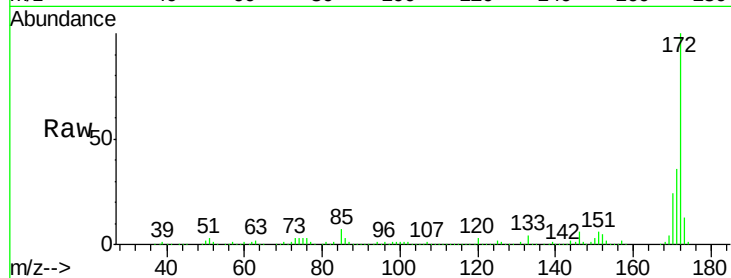




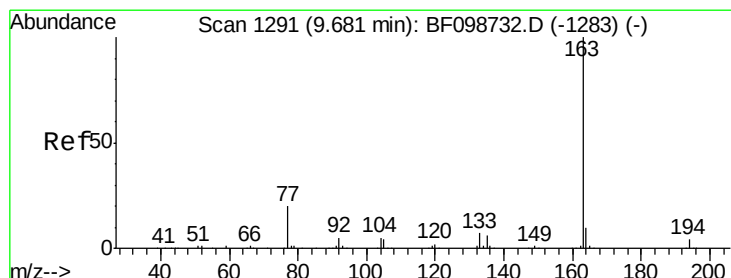
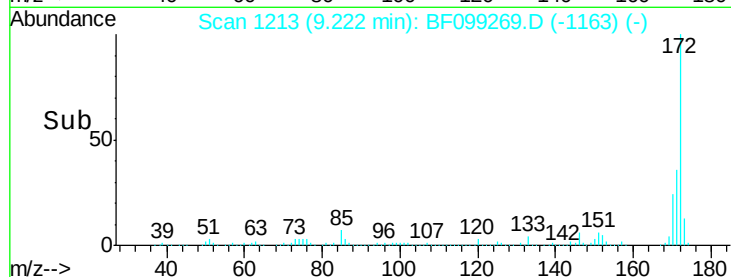
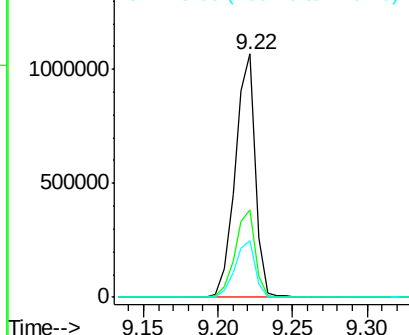
#44
 2-Fluorobiphenyl
 Concen: 77.21 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1015299
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4

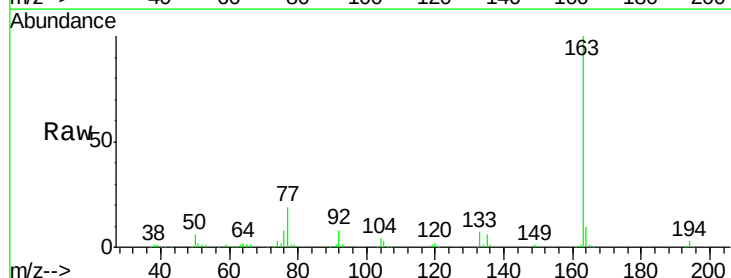


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

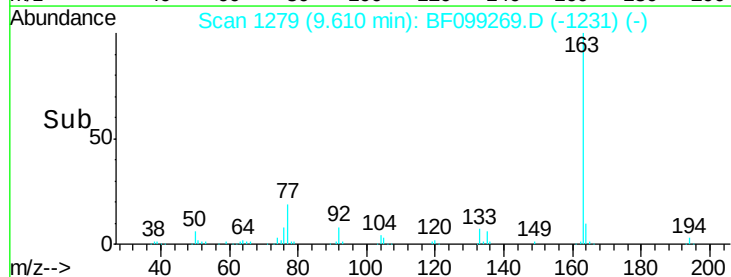
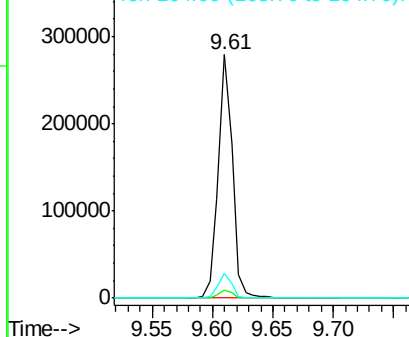


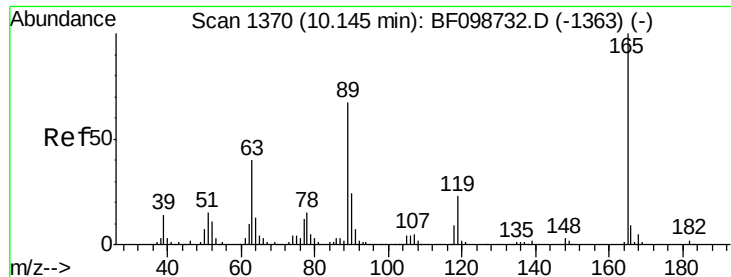
#49
 Dimethylphthalate
 Concen: 13.50 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Tgt Ion:163 Resp: 223686
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.0 8.2 12.2



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

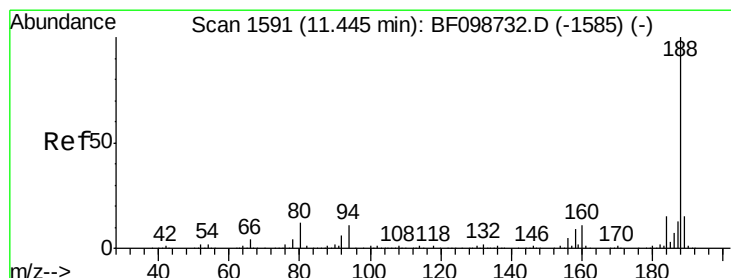
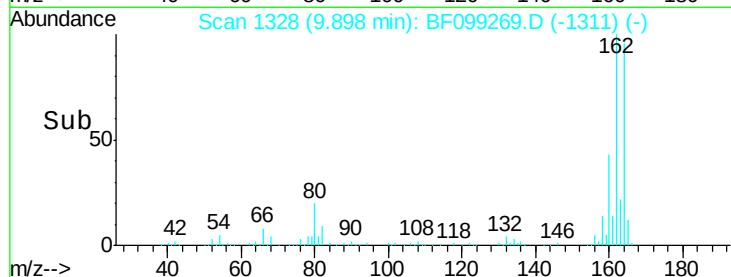
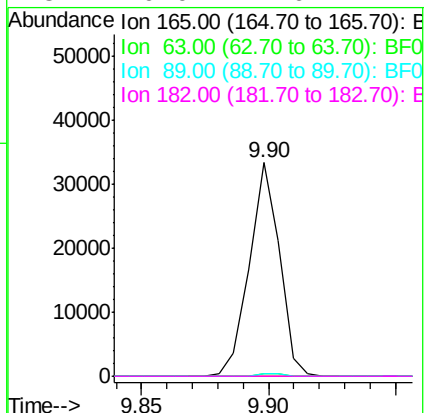
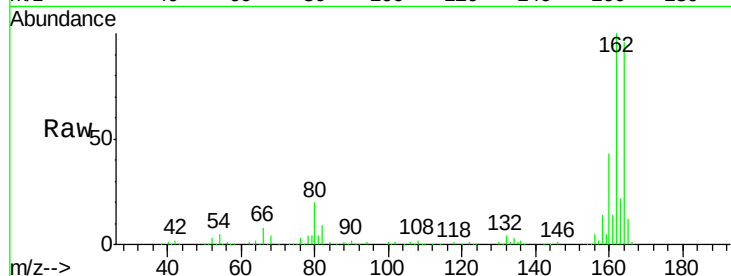




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

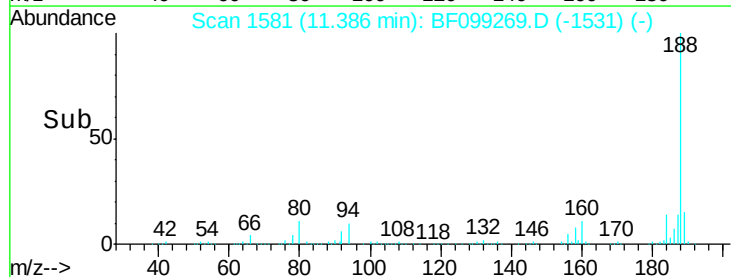
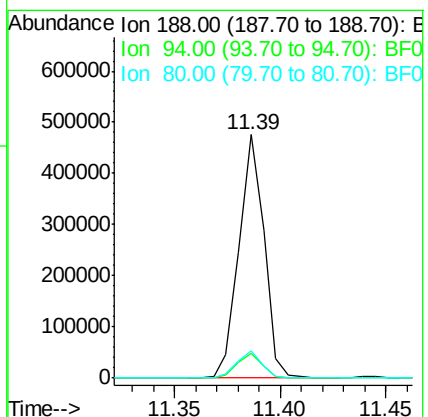
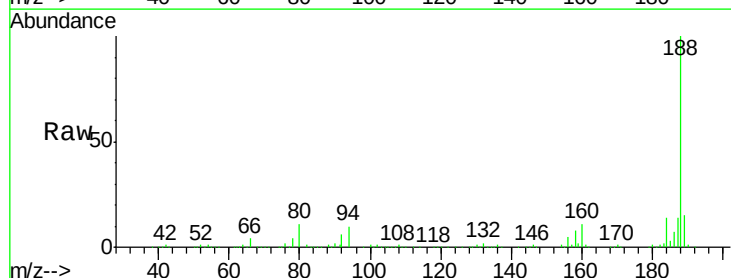
Instrument :
 BNA_F
 ClientSampled :

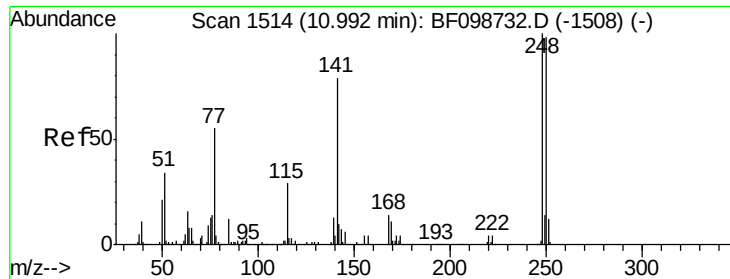
Tot Ion:165	Resp:	27669
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Tgt Ion:188	Resp:	392313
Ion Ratio	Lower	Upper
188	100	
94	10.4	8.5 12.7
80	11.2	9.2 13.8

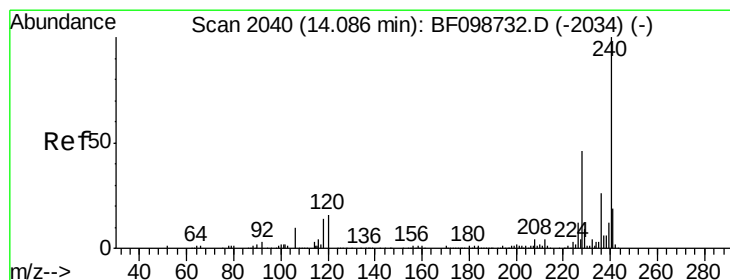
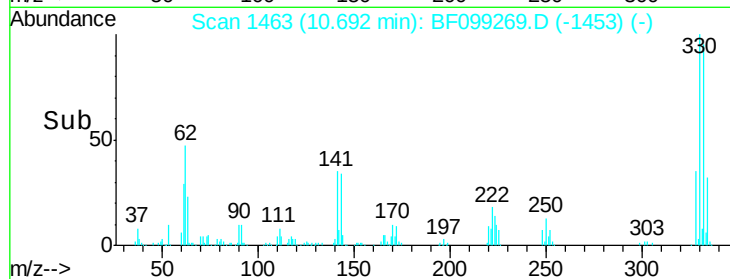
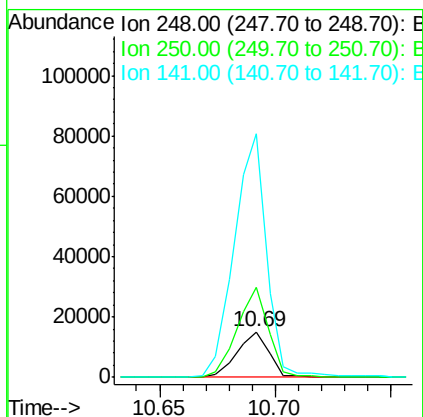
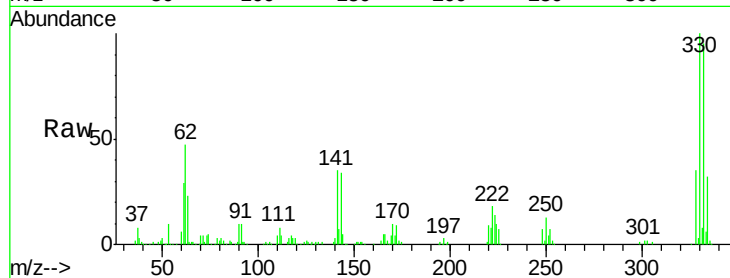




#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

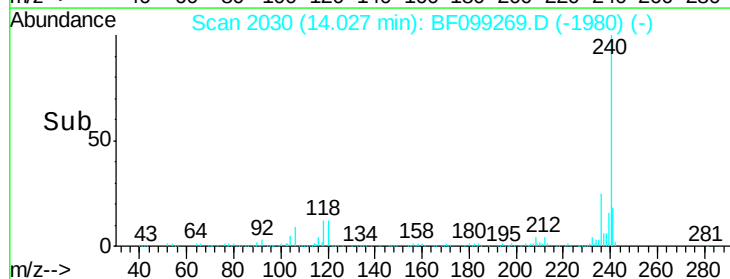
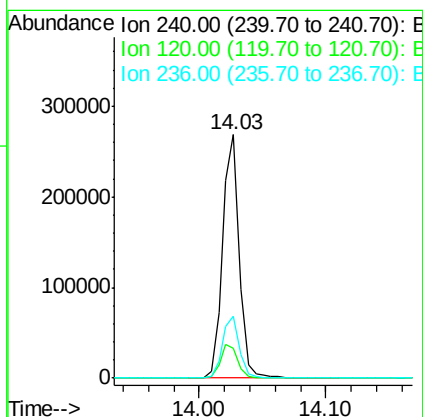
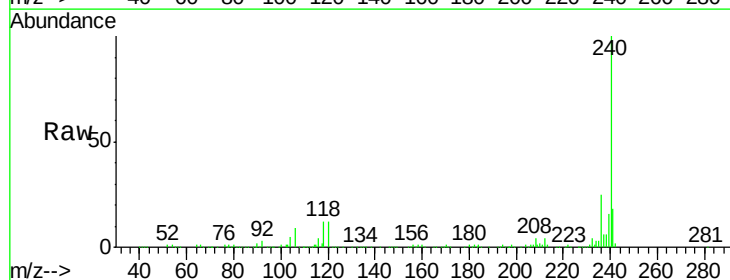
Instrument :
 BNA_F
 ClientSampled :

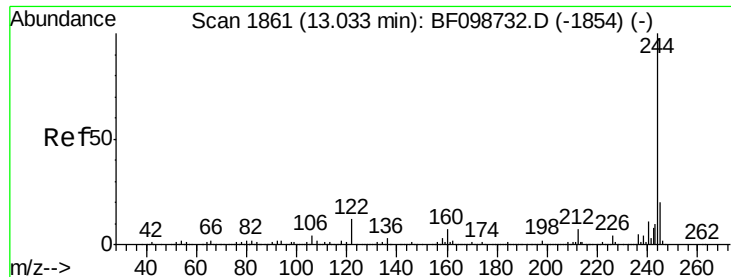
Tot Ion:248 Resp: 14498
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.9 115.3#
 141 535.6 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Tgt Ion:240 Resp: 245267
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.4 20.7 31.1

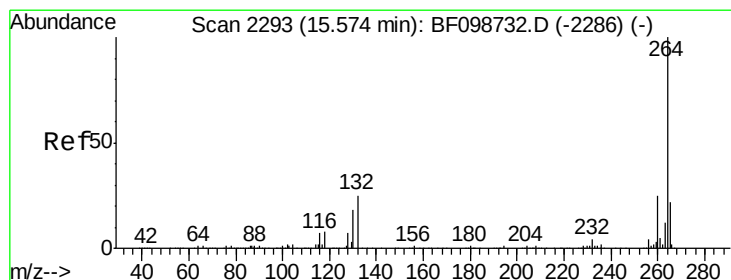
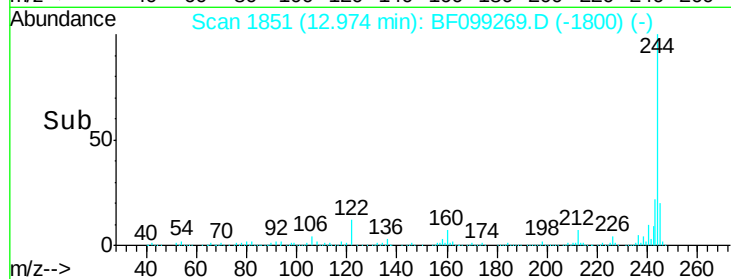
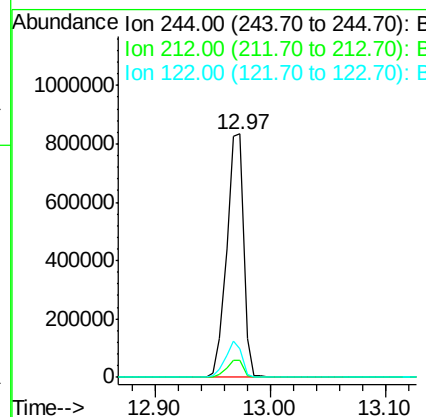
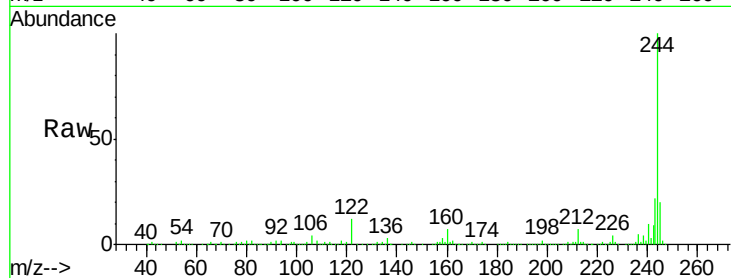




#78
 Terphenyl-d14
 Concen: 78.78 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 849576
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099269.D
 Acq: 9 Oct 2017 18:24

Tgt Ion:264 Resp: 211738
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 17.5 26.3

