

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099806.D
 Acq On : 24 Oct 2017 23:43
 Operator : SJ/JU
 Sample : I5956-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:40:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

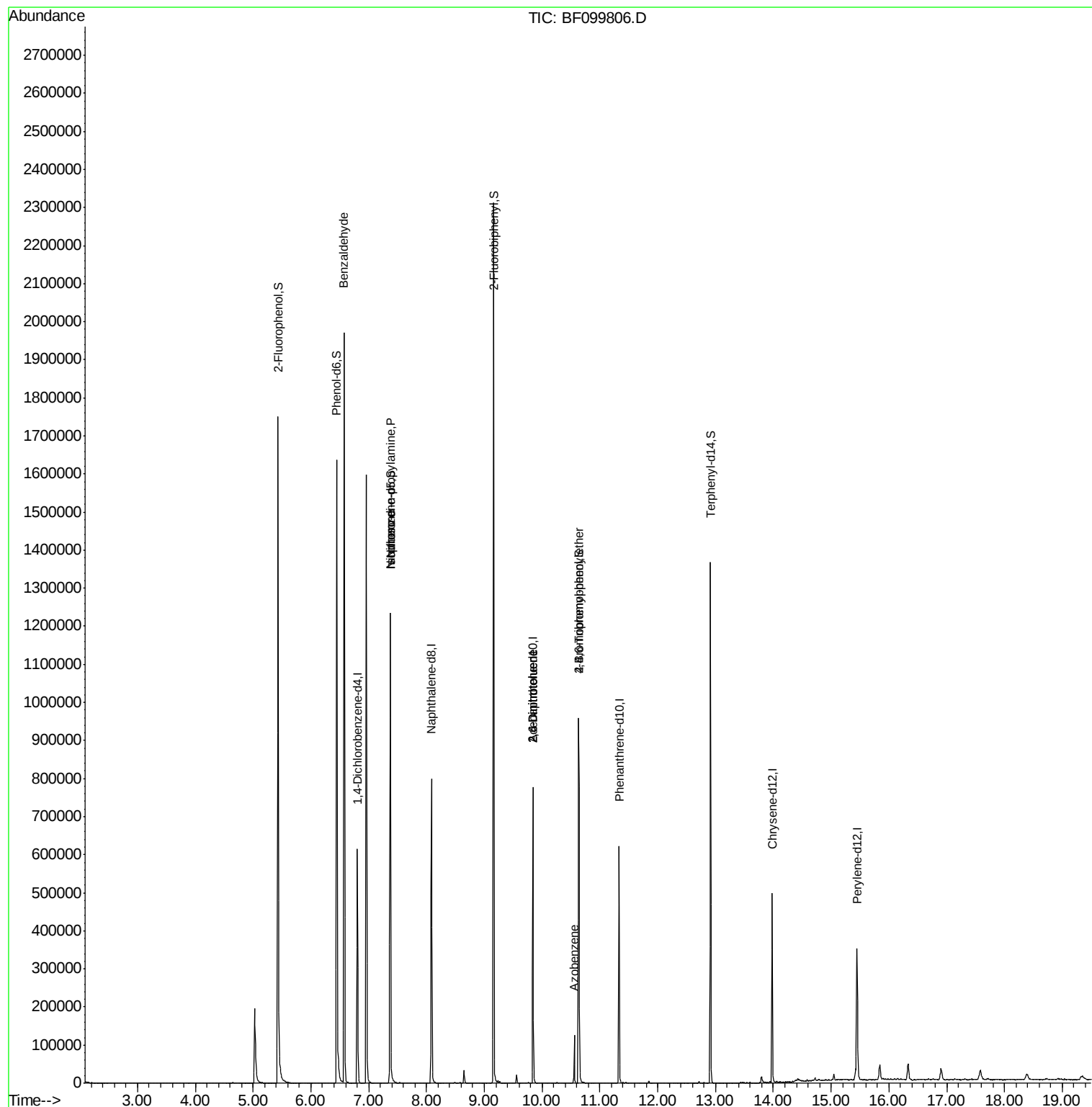
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94043	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	373757	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	153966	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	222784	20.00	ng	0.00
75) Chrysene-d12	13.98	240	165224	20.00	ng	0.00
86) Perylene-d12	15.45	264	167124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	622341	103.89	ng	0.00
7) Phenol-d6	6.45	99	733752	103.31	ng	0.00
23) Nitrobenzene-d5	7.37	82	408423	70.35	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	118625	84.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	755645	75.72	ng	0.00
78) Terphenyl-d14	12.92	244	420639	55.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	11210	2.64	ng	87
19) n-Nitroso-di-n-propylamine	7.37	70	50211	12.06	ng	# 71
25) Isophorone	7.37	82	408415	38.77	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	19453	7.59	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	19453	6.30	ng	# 21
62) Azobenzene	10.56	77	21407	2.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	7802	3.33	ng	# 1

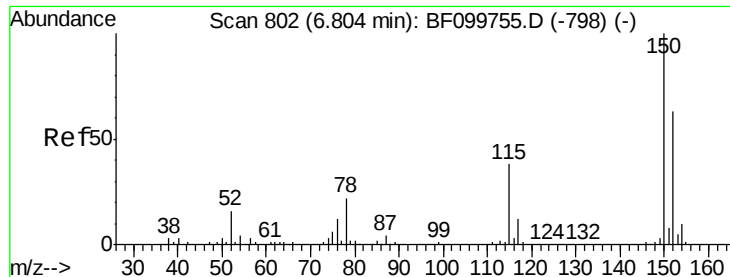
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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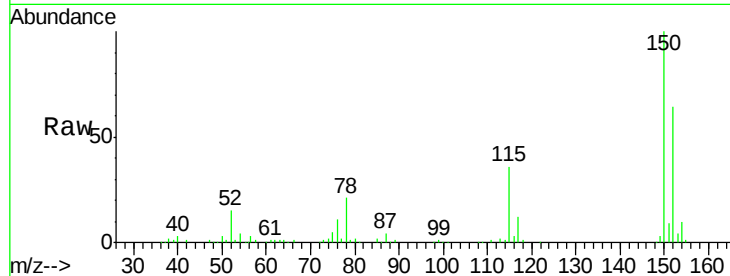


#1

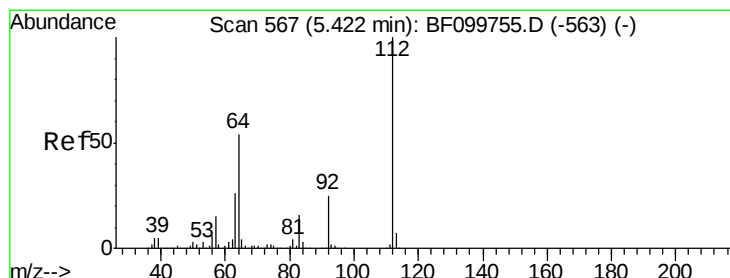
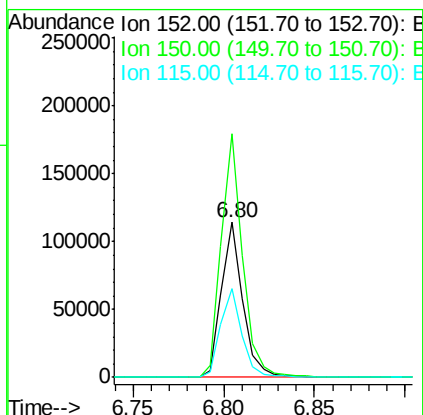
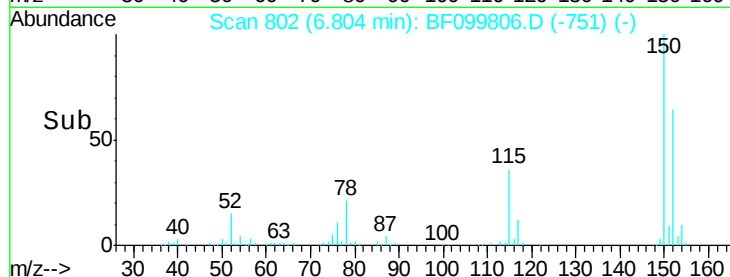
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94043
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.0 50.1 75.1



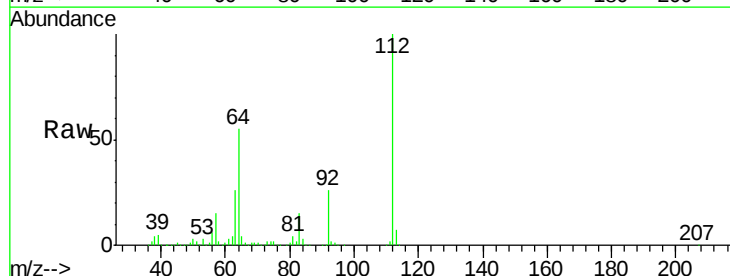
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



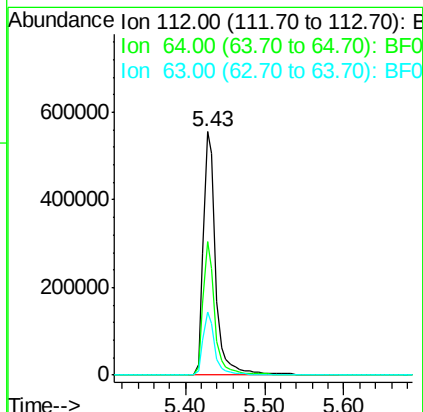
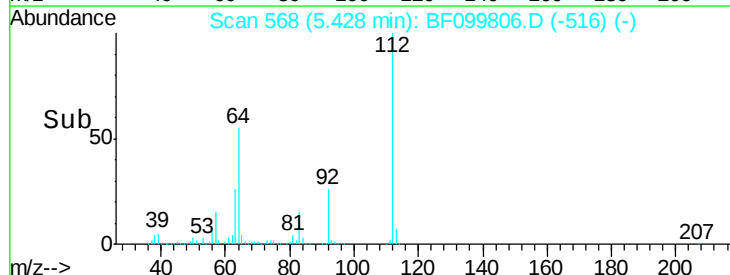
#5

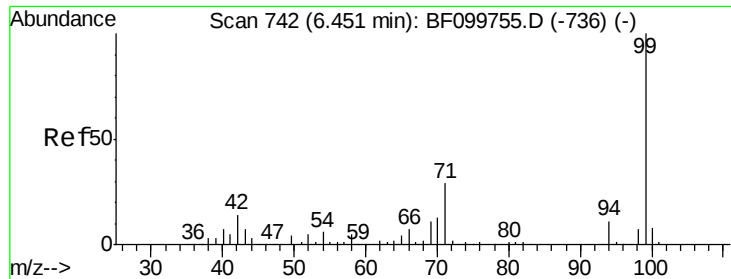
2-Fluorophenol
Concen: 103.89 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion:112 Resp: 622341
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 25.9 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: 103.31 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099806.D

Acq: 24 Oct 2017 23:43

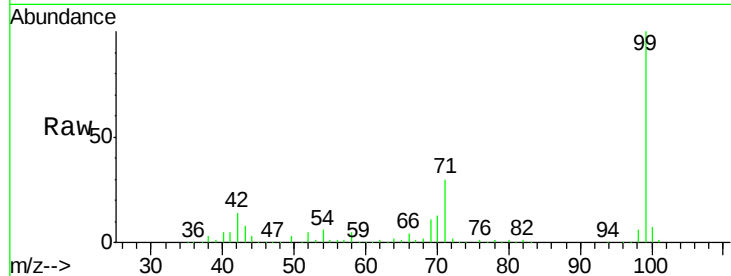
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 733752

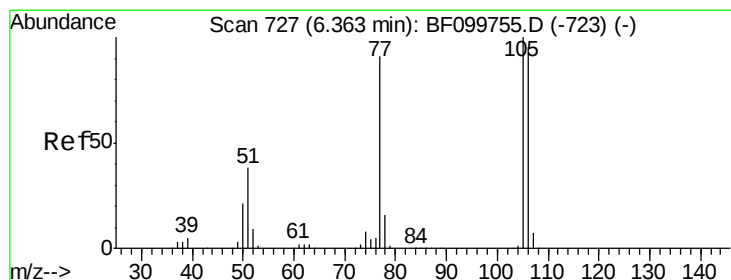
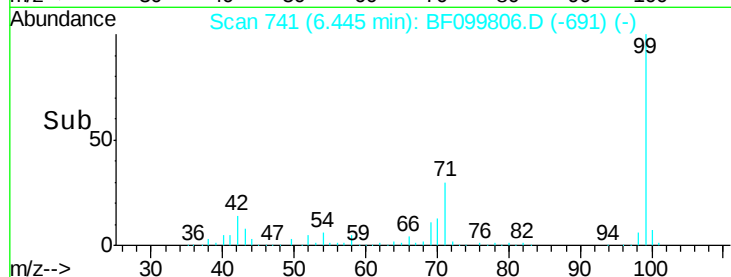
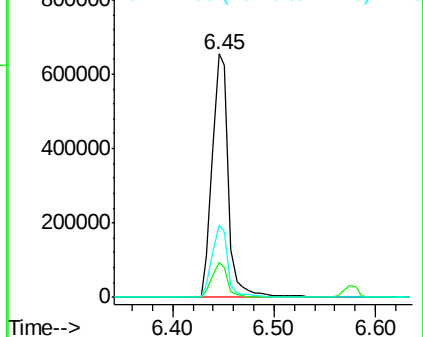
Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	29.8	25.4	38.0



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: 2.64 ng

RT: 6.58 min Scan# 764

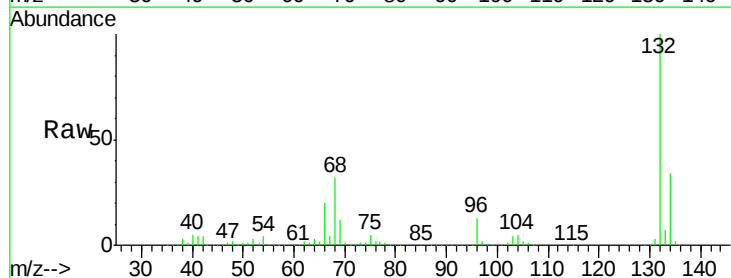
Delta R.T. 0.22 min

Lab File: BF099806.D

Acq: 24 Oct 2017 23:43

Tgt Ion: 77 Resp: 11210

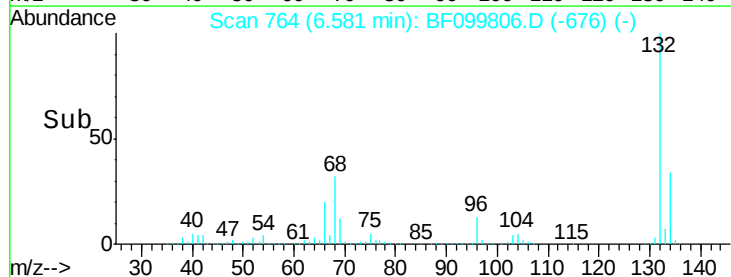
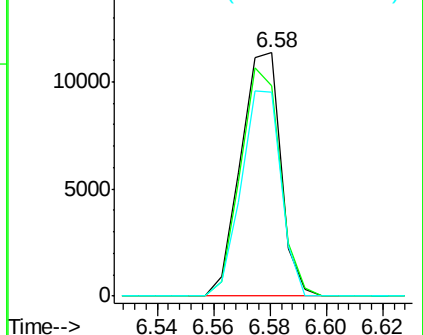
Ion	Ratio	Lower	Upper
77	100		
105	86.5	81.1	121.1
106	83.9	74.5	114.5

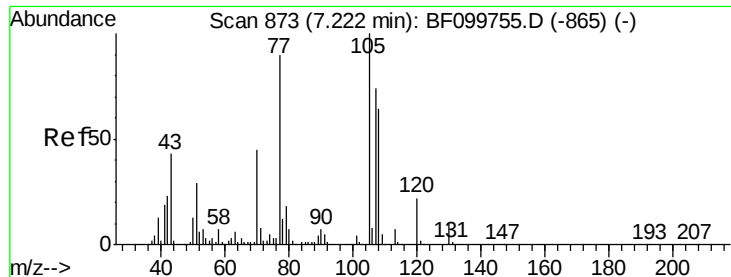


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

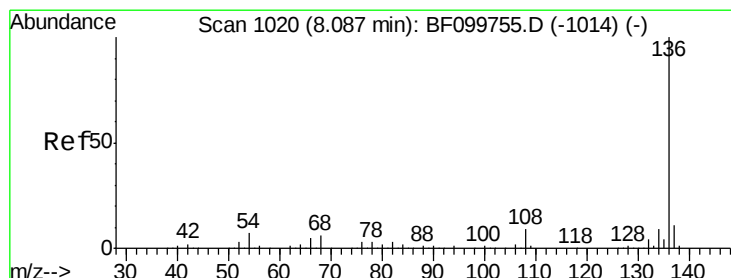
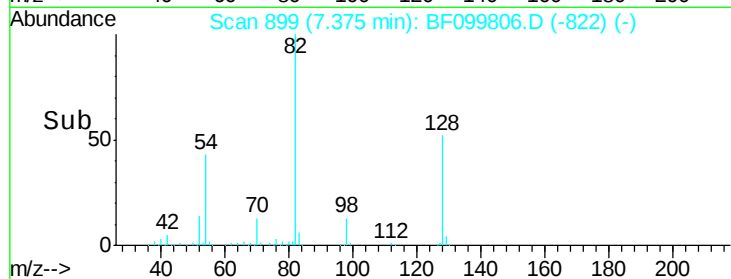
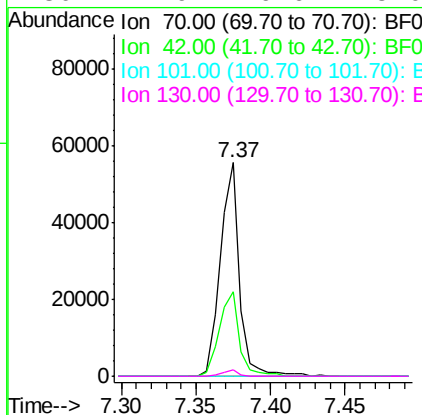
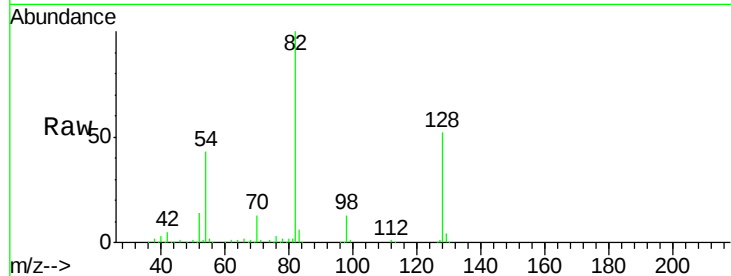




#19
n-Nitroso-di-n-propylamine
Concen: 12.06 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

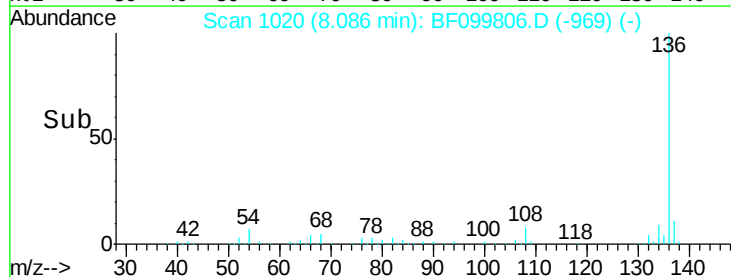
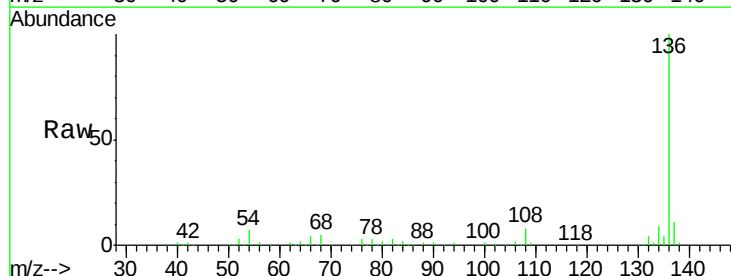
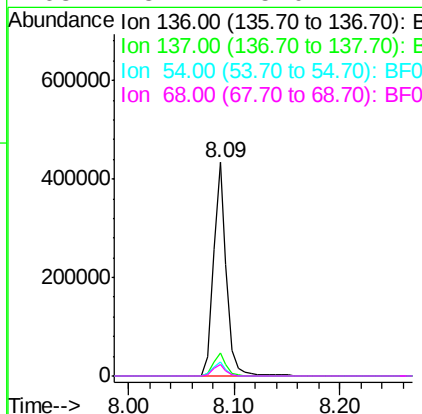
Instrument :
BNA_F
ClientSampleId :

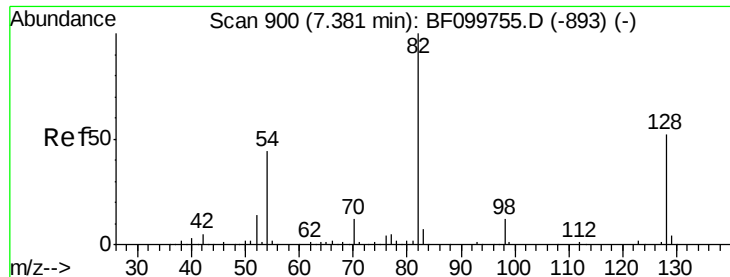
Tot Ion: 70 Resp: 50211
Ion Ratio Lower Upper
70 100
42 39.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion:136 Resp: 373757
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.5 6.6 9.8#
68 5.1 5.0 7.4

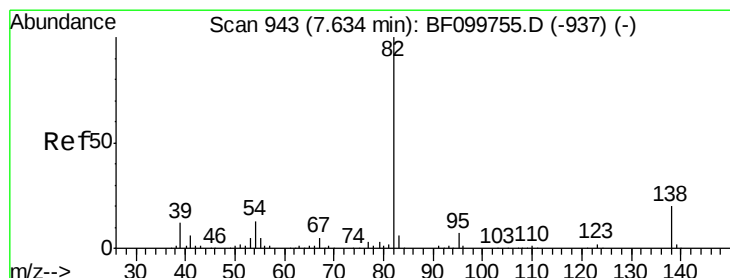
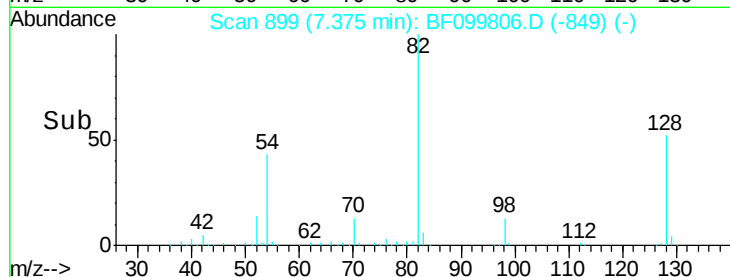
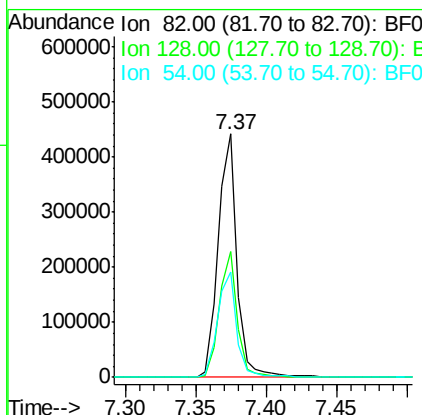
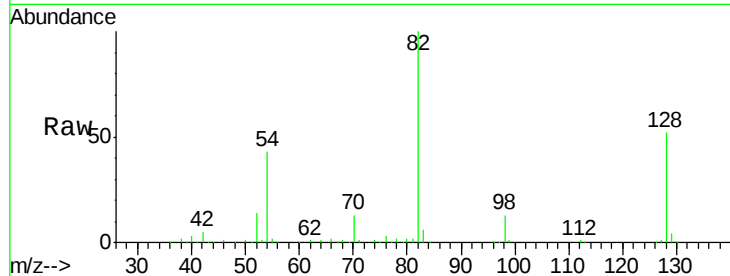




#23
 Nitrobenzene-d5
 Concen: 70.35 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

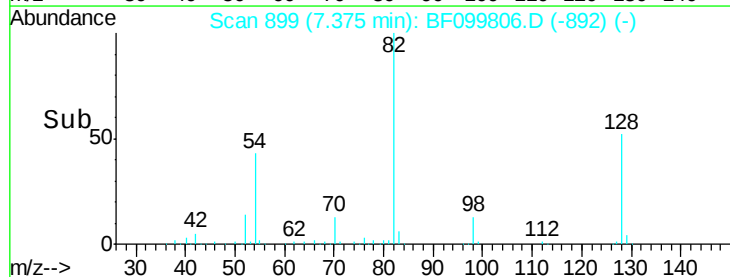
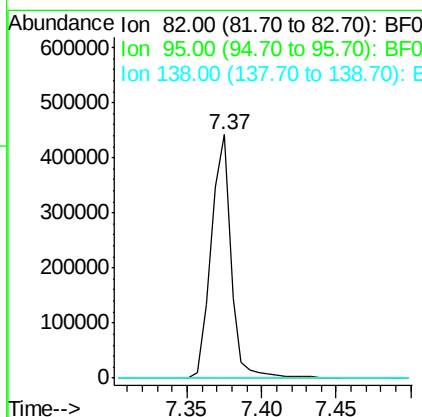
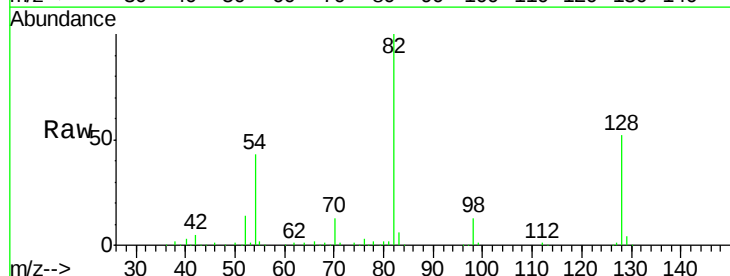
Instrument :
 BNA_F
 ClientSampled :

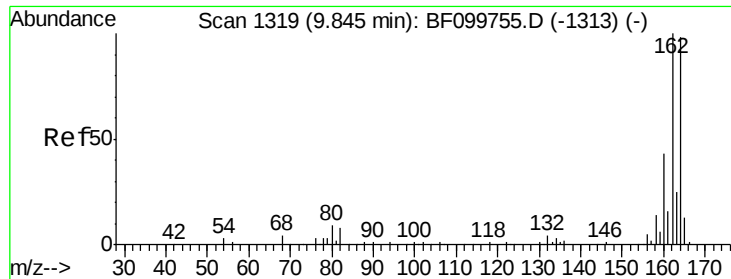
Tot Ion: 82 Resp: 408423
 Ion Ratio Lower Upper
 82 100
 128 51.5 36.1 54.1
 54 43.4 41.4 62.2



#25
 Isophorone
 Concen: 38.77 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

Tgt Ion: 82 Resp: 408415
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

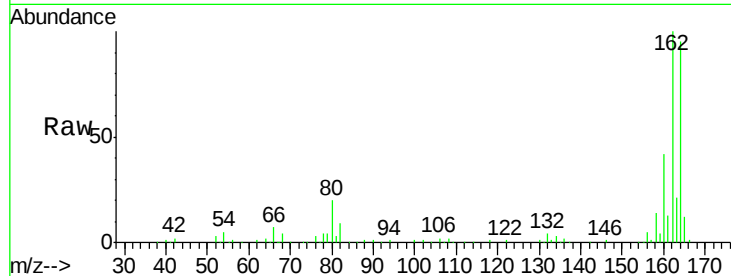




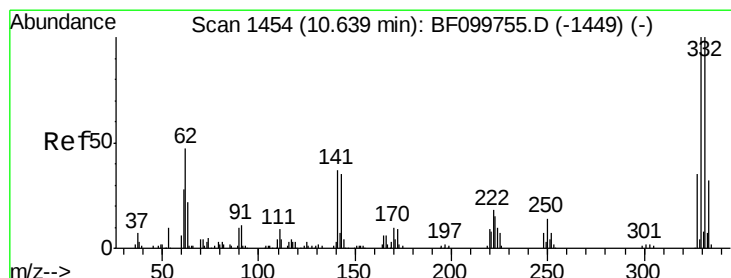
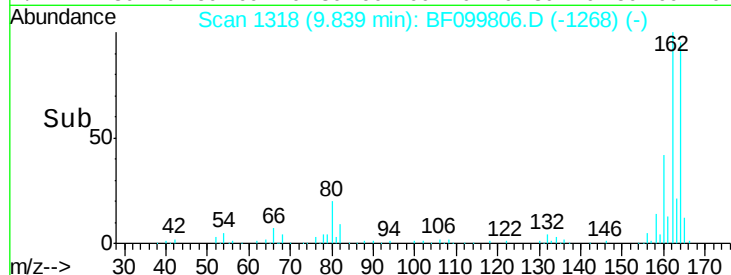
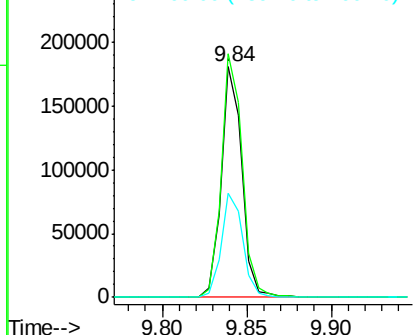
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 153966
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 44.9 38.3 57.5

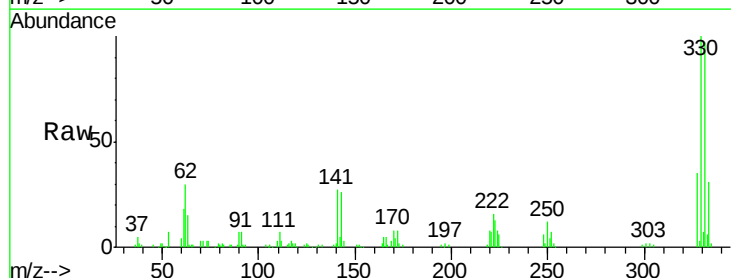


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

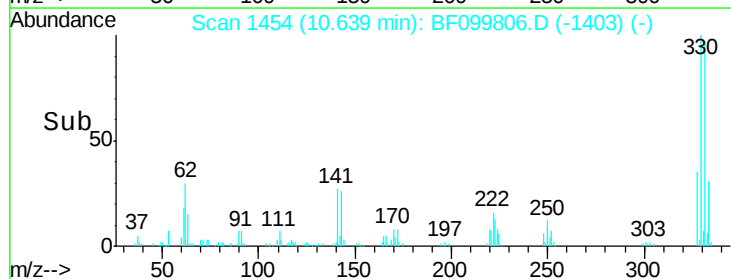
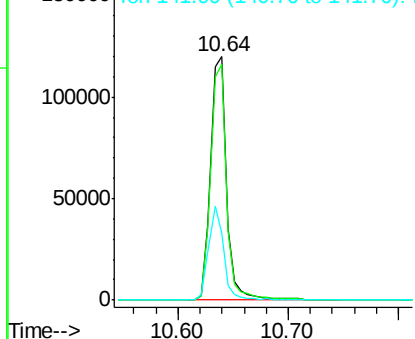


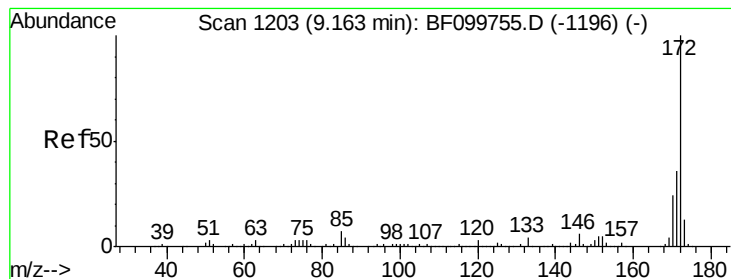
#41
2,4,6-Tribromophenol
Concen: 84.54 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion:330 Resp: 118625
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 35.6 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: 75.72 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF099806.D

Acq: 24 Oct 2017 23:43

Instrument :

BNA_F

ClientSampleId :

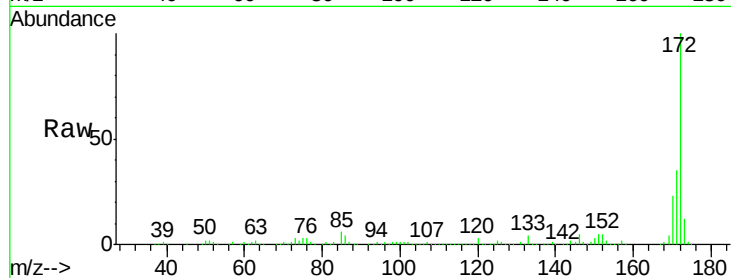
Tot Ion:172 Resp: 755645

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

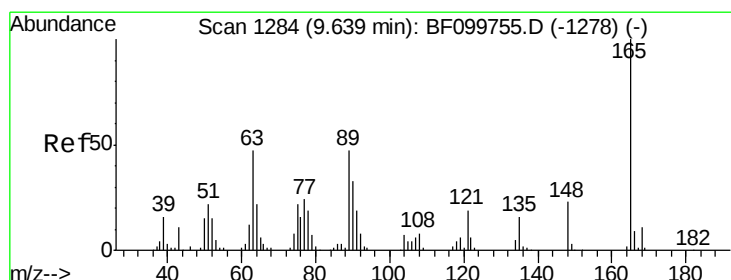
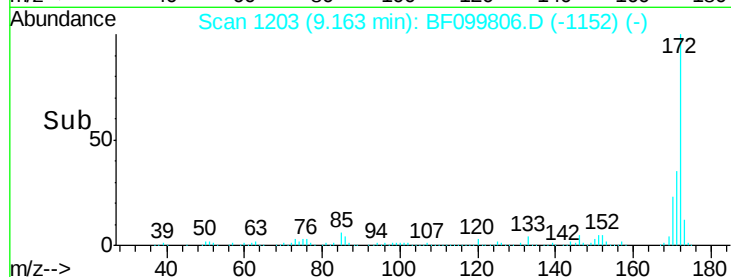
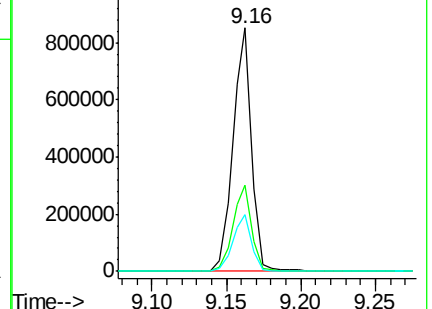
170 23.3 19.6 29.4



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: 7.59 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF099806.D

Acq: 24 Oct 2017 23:43

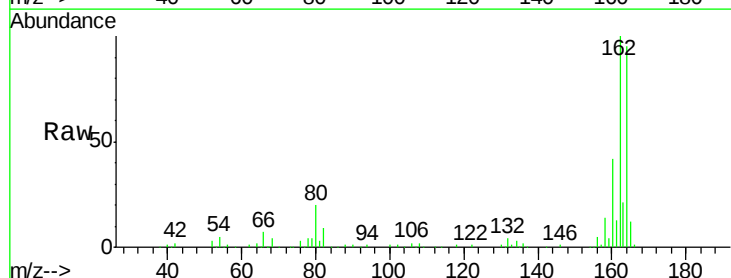
Tgt Ion:165 Resp: 19453

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

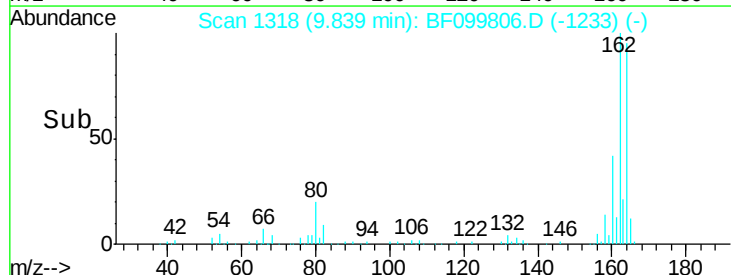
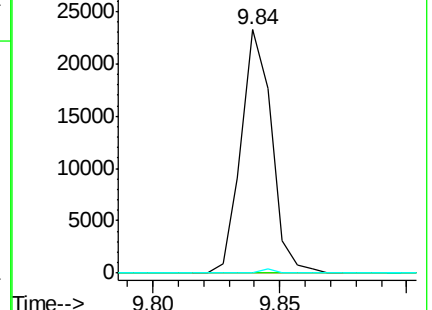
89 0.0 44.0 66.0#

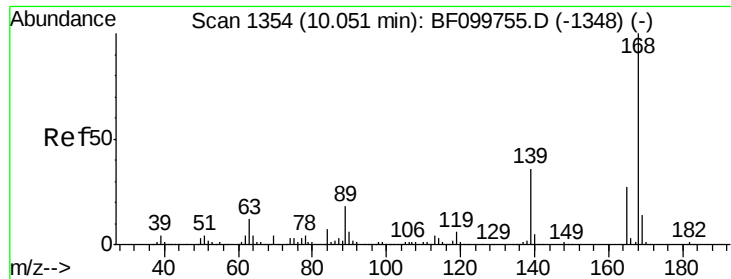


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

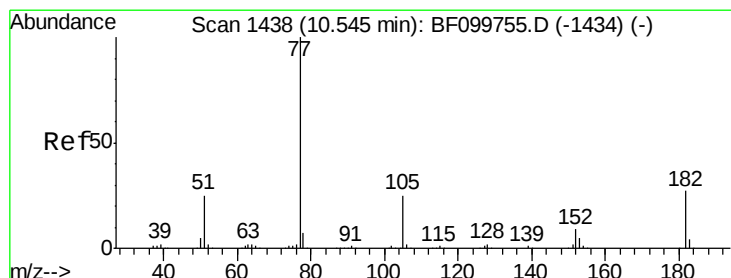
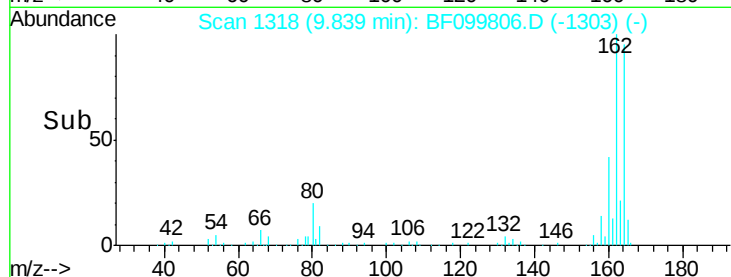
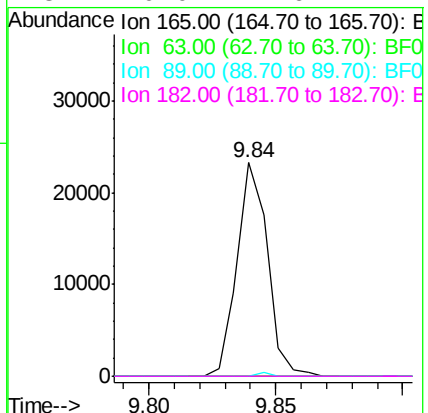
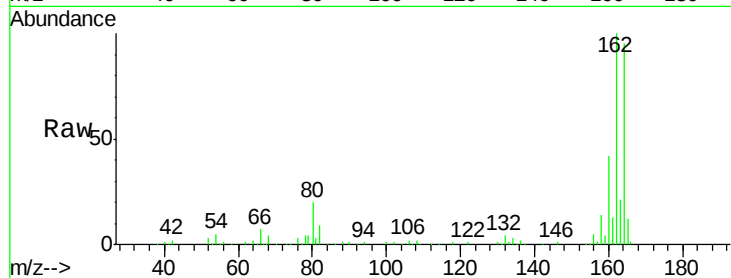




#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

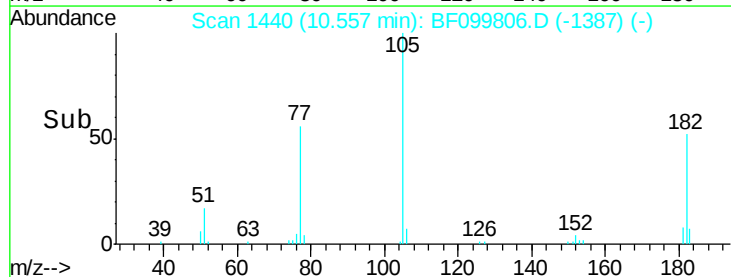
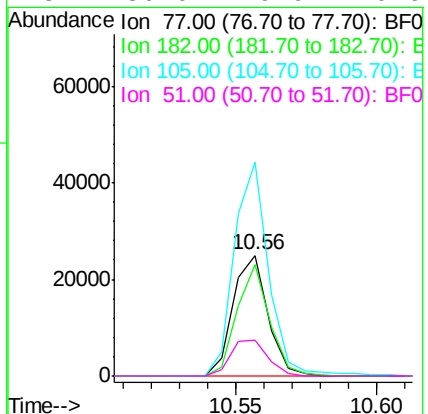
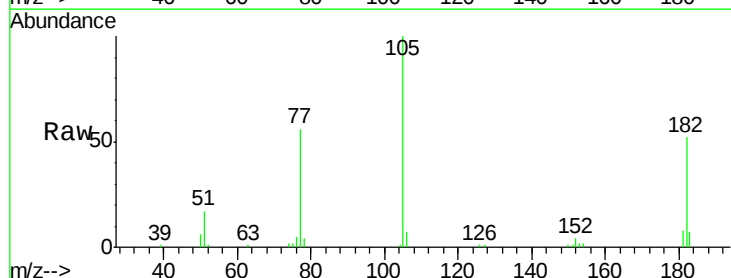
Instrument :
BNA_F
ClientSampleId :

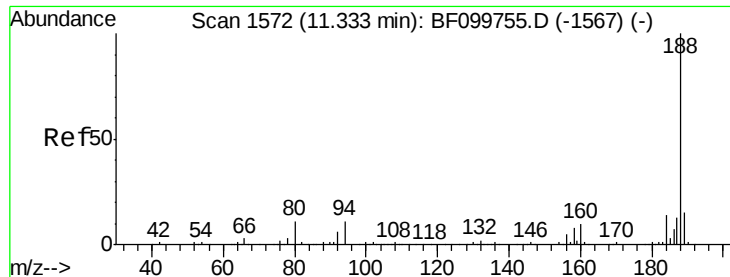
Tot Ion:165 Resp: 19453
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#62
Azobenzene
Concen: 2.14 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion: 77 Resp: 21407
Ion Ratio Lower Upper
77 100
182 92.7 1.7 41.7#
105 177.3 3.0 43.0#
51 30.0 9.9 49.9

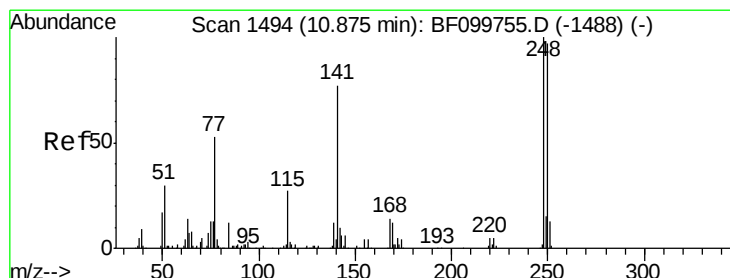
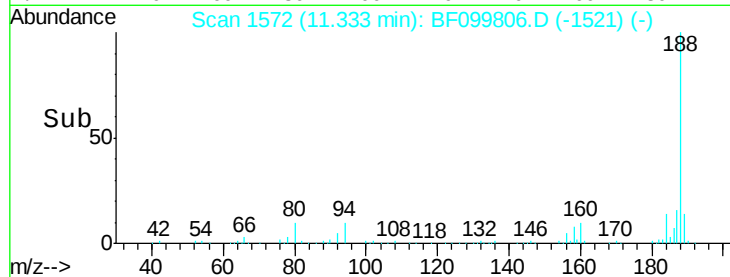
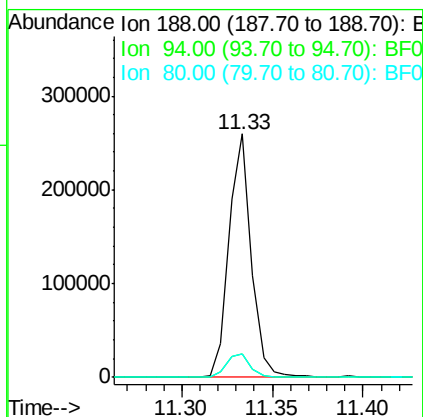
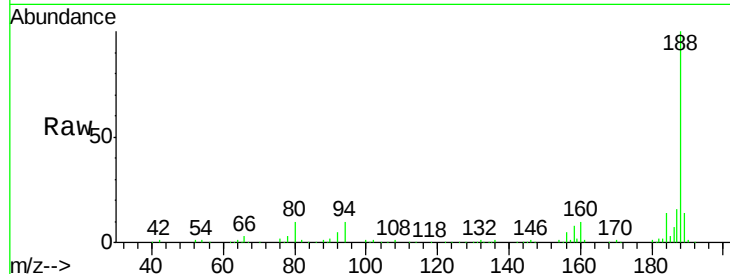




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

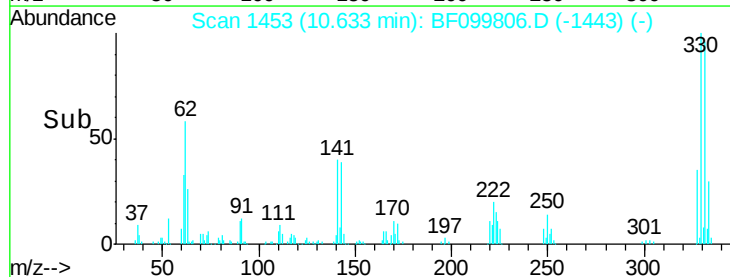
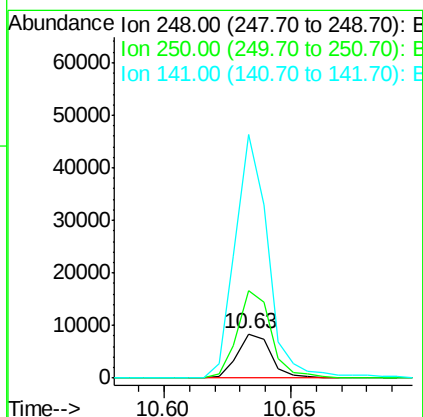
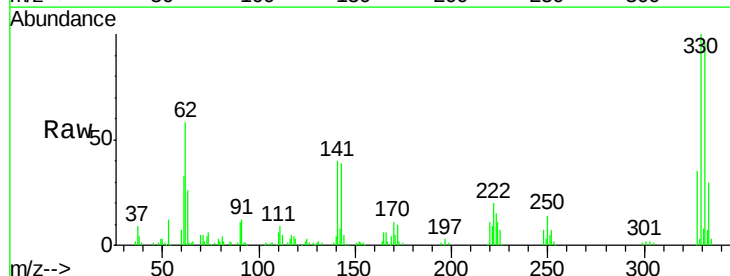
Instrument :
BNA_F
ClientSampleId :

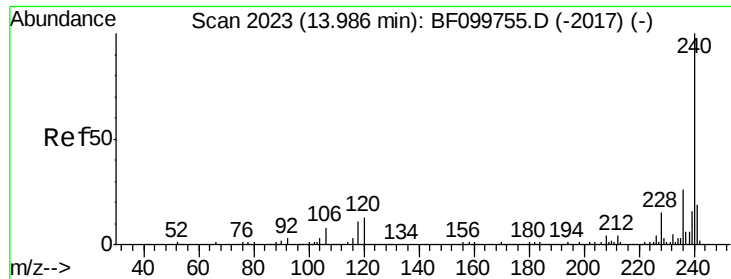
Tot Ion:188 Resp: 222784
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion:248 Resp: 7802
Ion Ratio Lower Upper
248 100
250 198.1 76.9 115.3#
141 553.3 74.4 111.6#

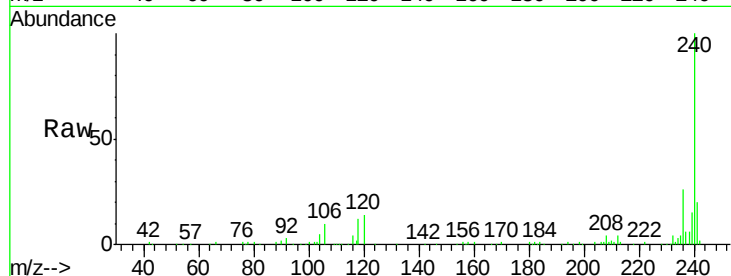




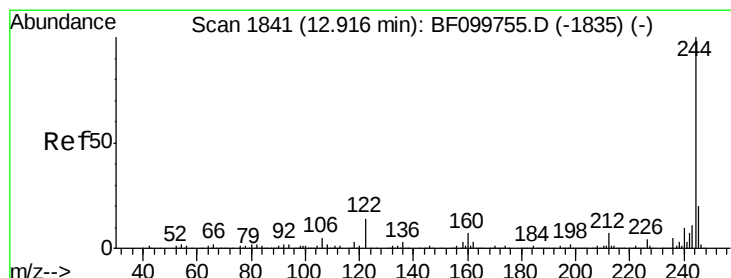
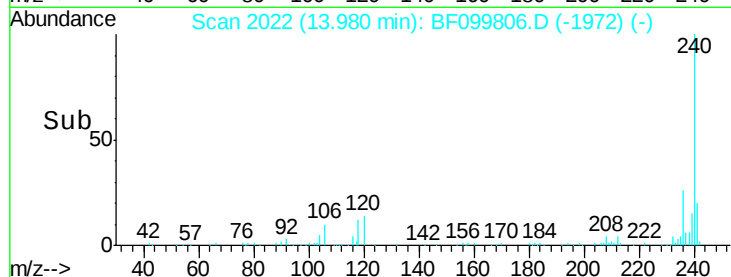
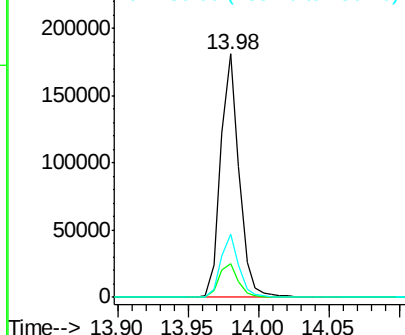
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 165224
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.7 20.7 31.1

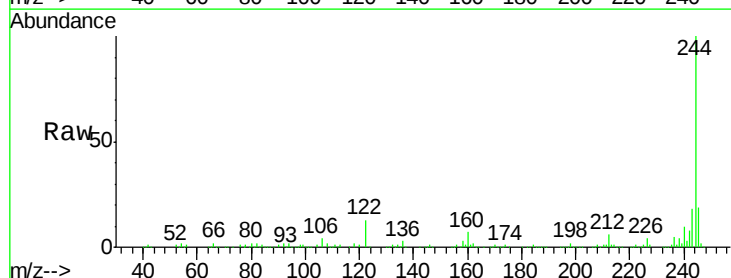


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

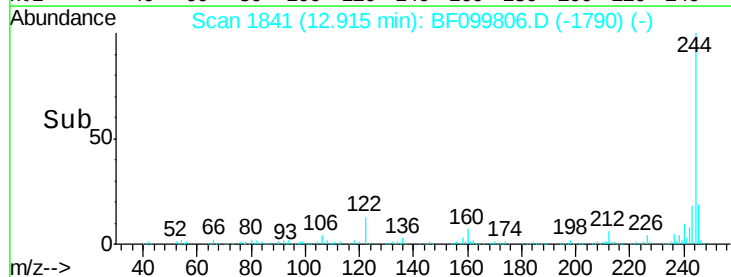
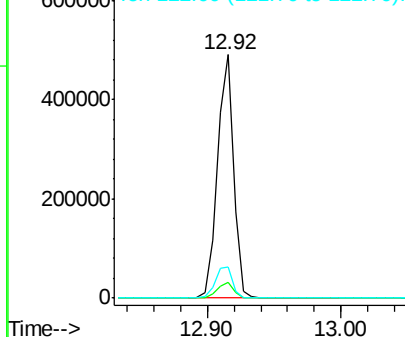


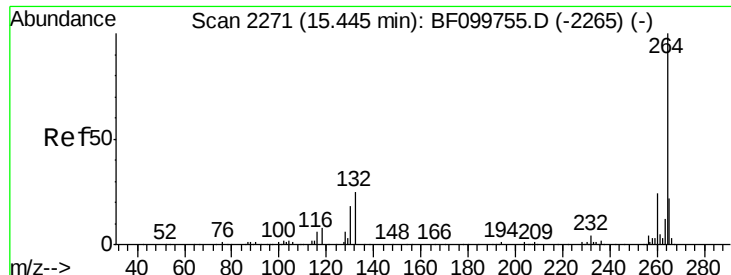
#78
 Terphenyl-d14
 Concen: 55.64 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

Tgt Ion:244 Resp: 420639
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.7 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

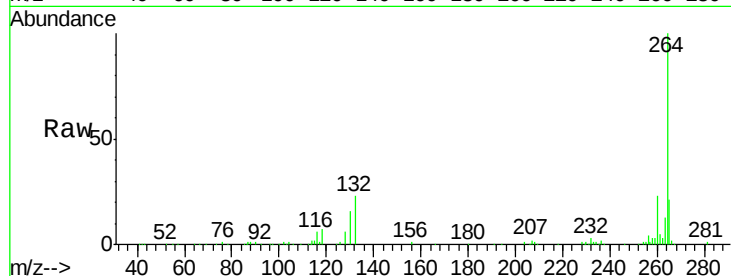




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	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

