

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101506.D
 Acq On : 19 Dec 2017 4:17
 Operator : SJ/JU
 Sample : I6909-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121217-TIDO-E-U-S

Quant Time: Dec 19 07:06:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

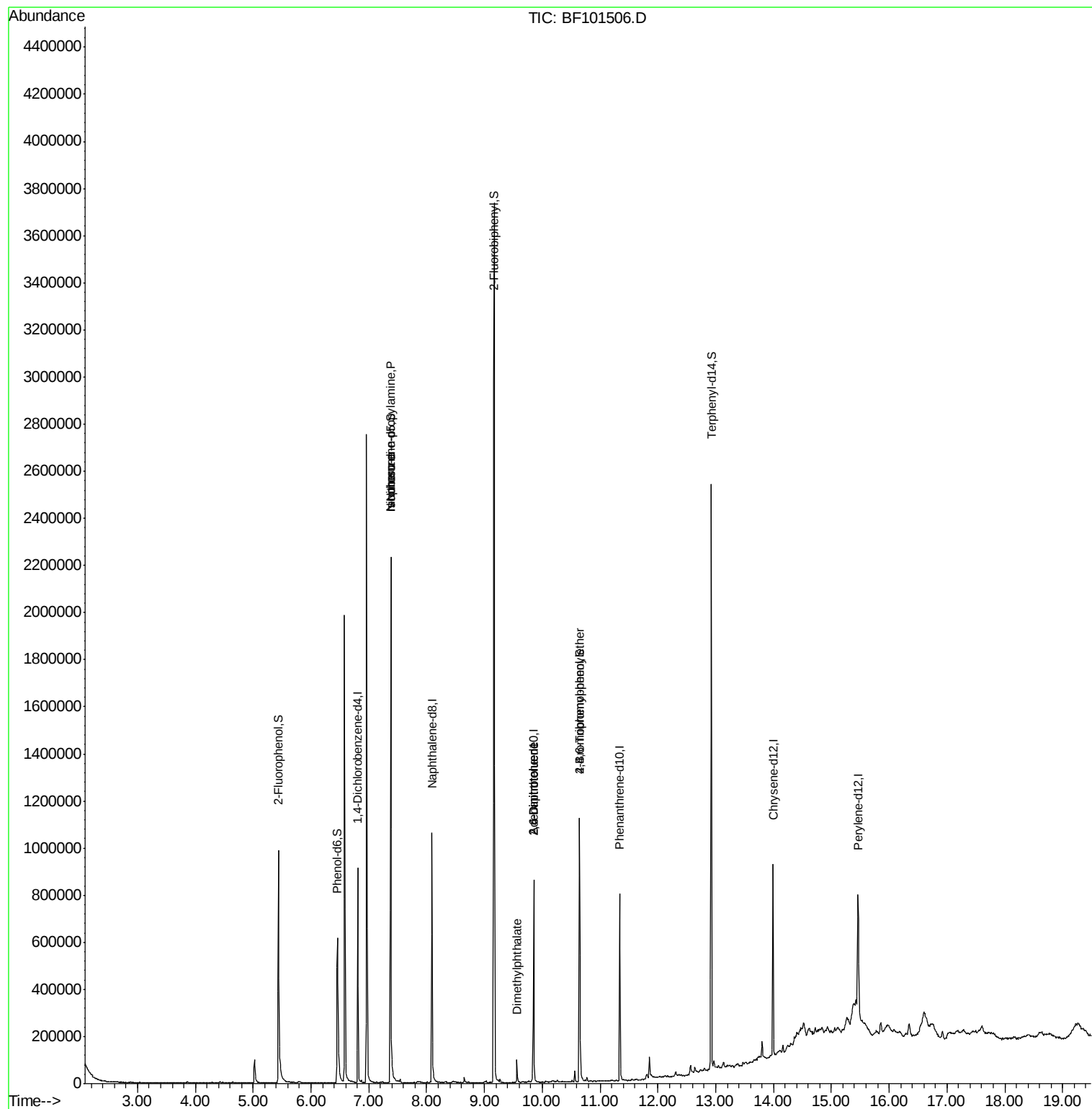
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137211	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	495374	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	183760	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	295968	20.00	ng	0.00
75) Chrysene-d12	13.99	240	286987	20.00	ng	0.00
86) Perylene-d12	15.46	264	263840	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	377524	40.98	ng	0.01
7) Phenol-d6	6.46	99	280050	24.43	ng	0.00
23) Nitrobenzene-d5	7.38	82	773875	86.96	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	145803	82.34	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1219931	102.98	ng	0.00
78) Terphenyl-d14	12.92	244	927383	77.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	103005	13.68	ng	# 81
25) Isophorone	7.38	82	773871	43.35	ng	# 64
49) Dimethylphthalate	9.56	163	42162	2.85	ng	99
50) 2,6-Dinitrotoluene	9.85	165	24006	7.99	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	24006	7.09	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	9167	2.76	ng	# 1

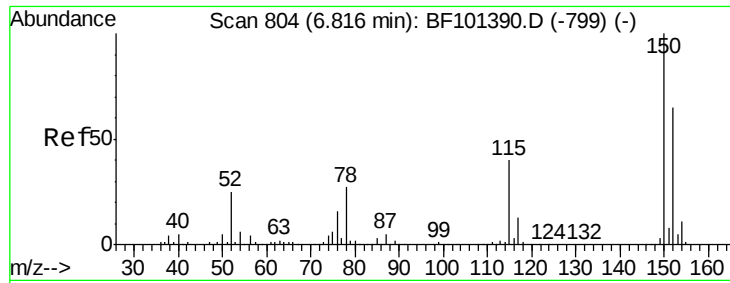
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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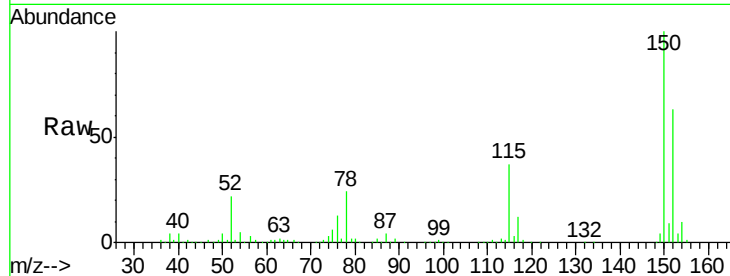


#1

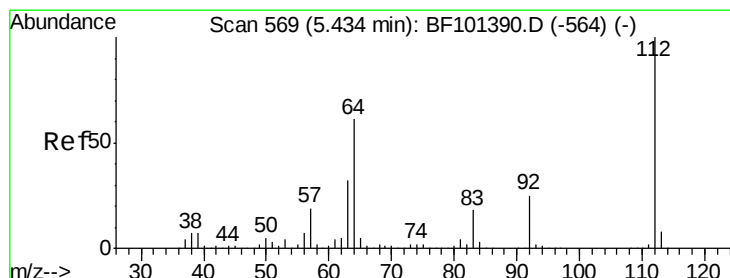
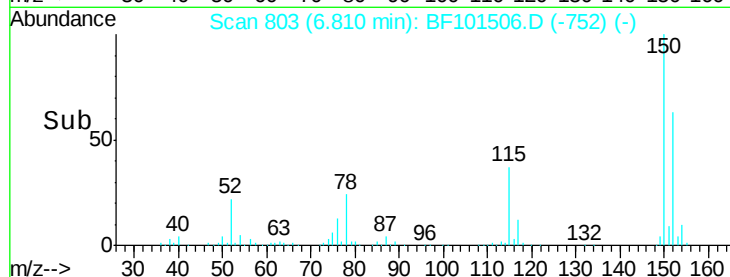
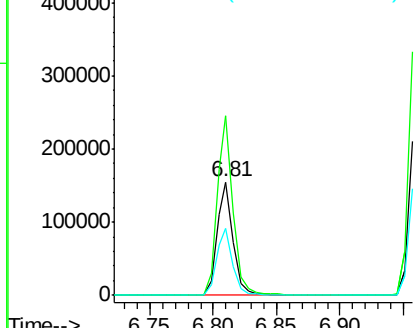
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

Instrument :
BNA_F
ClientSampleId :
121217-TIDO-E-U-S

Tot Ion:152 Resp: 137211
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 59.2 50.1 75.1



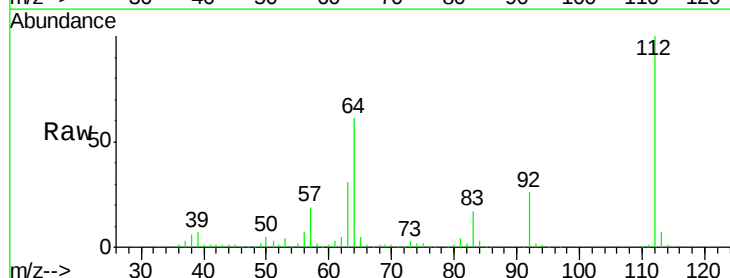
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



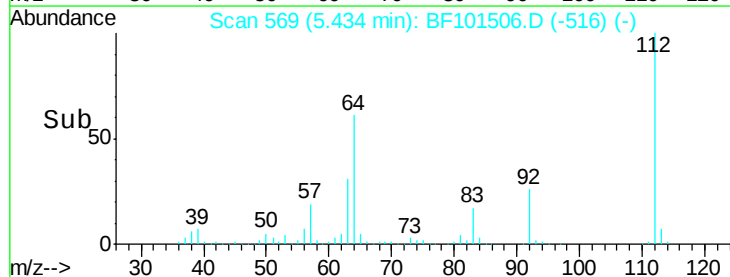
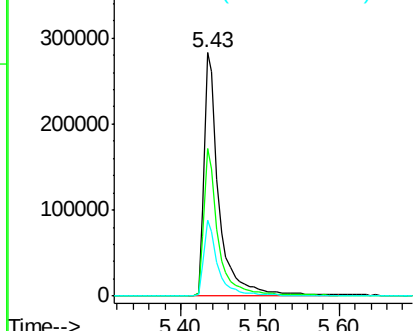
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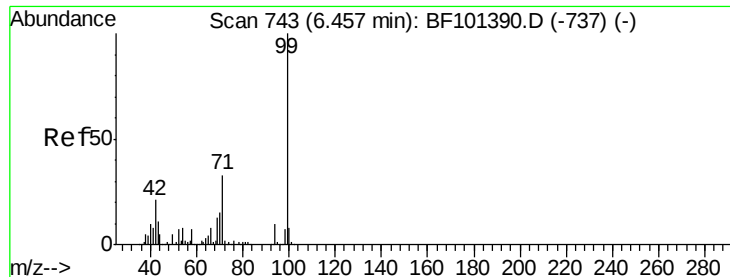
2-Fluorophenol
Concen: 40.98 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

Tgt Ion:112 Resp: 377524
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.43 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101506.D

Acq: 19 Dec 2017 4:17

Instrument :

BNA_F

ClientSampleId :

121217-TIDO-E-U-S

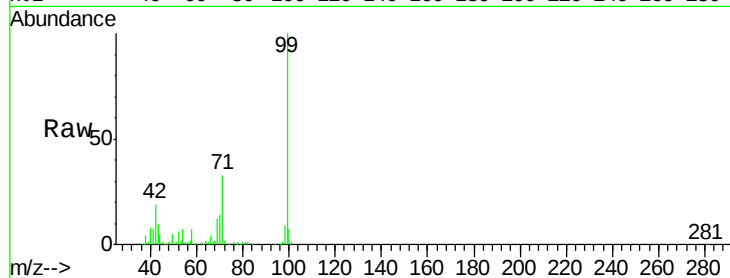
Tot Ion: 99 Resp: 280050

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

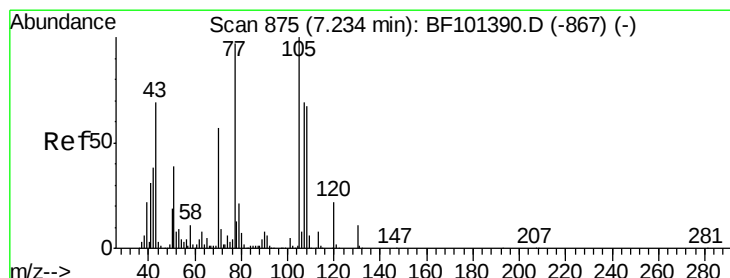
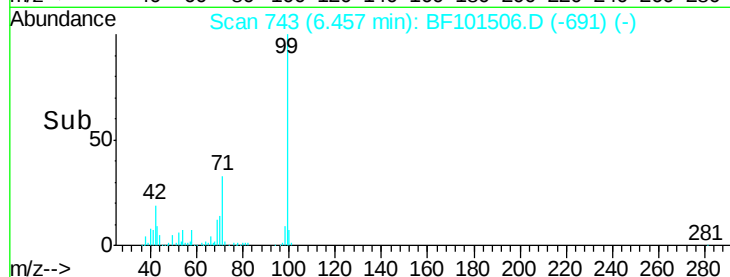
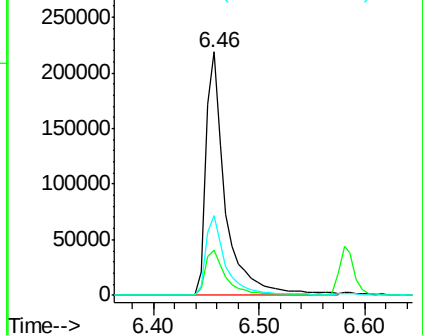
71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.68 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101506.D

Acq: 19 Dec 2017 4:17

Tgt Ion: 70 Resp: 103005

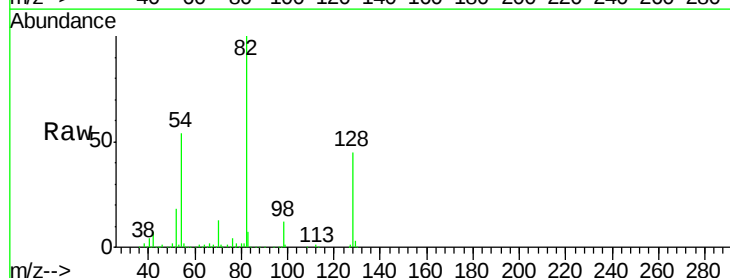
Ion Ratio Lower Upper

70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

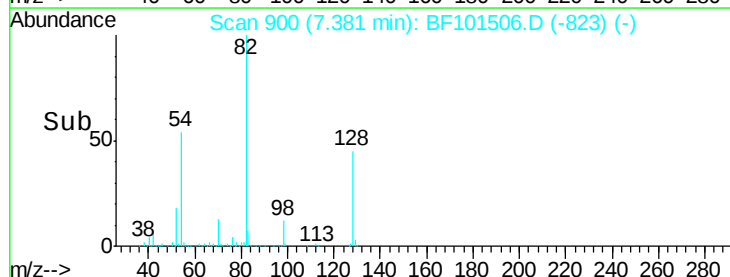
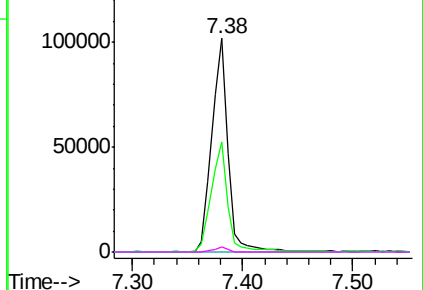


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

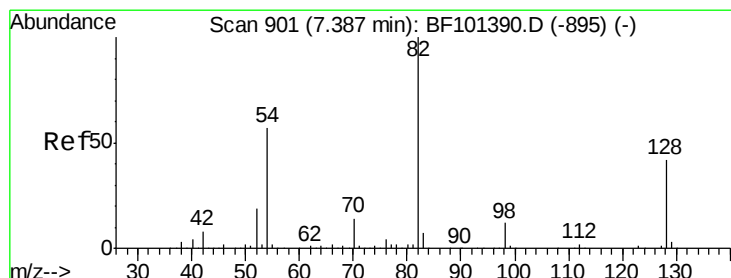
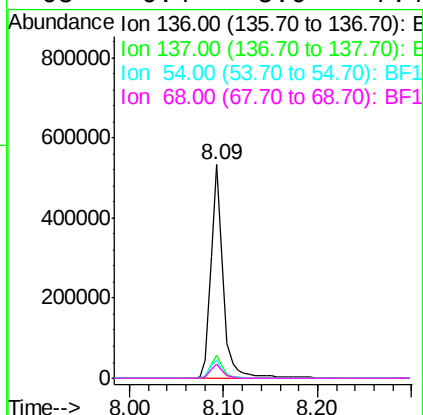
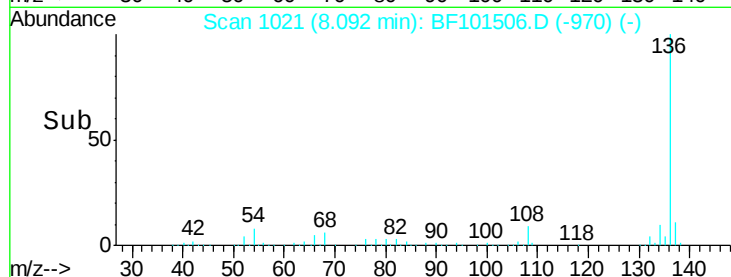
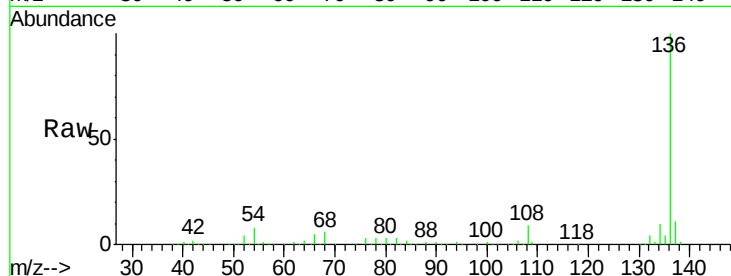




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

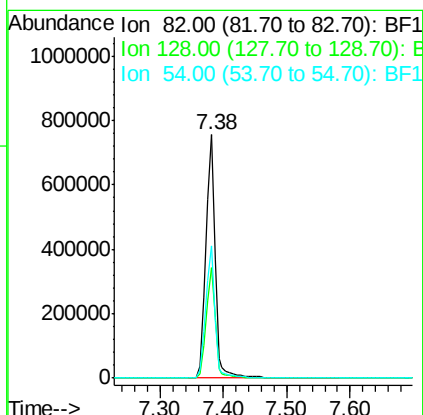
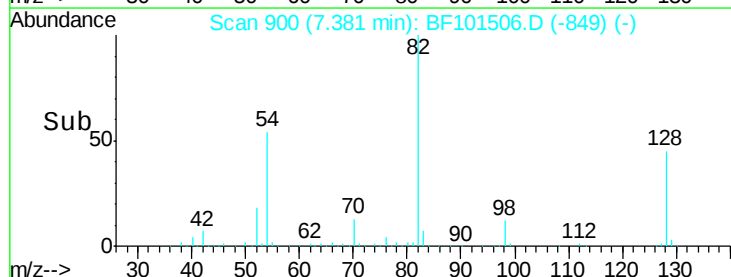
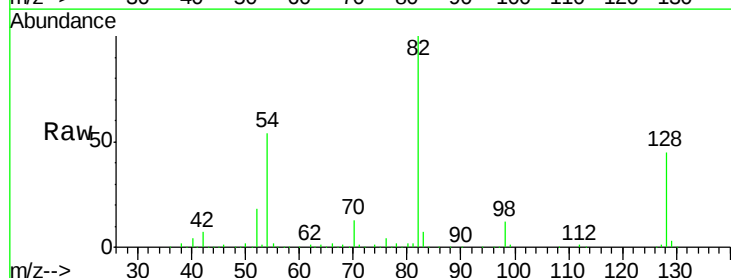
Instrument :
BNA_F
ClientSampleId :
121217-TIDO-E-U-S

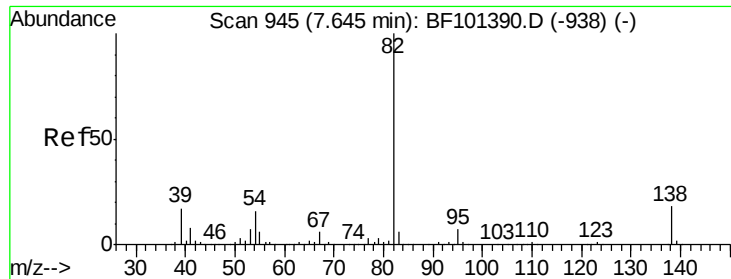
Tot Ion:	136	Resp:	495374
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.96 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

Tgt Ion:	82	Resp:	773875
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.3	41.4	62.2





#25

Isophorone

Concen: 43.35 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101506.D

Acq: 19 Dec 2017 4:17

Instrument :

BNA_F

ClientSampleId :

121217-TIDO-E-U-S

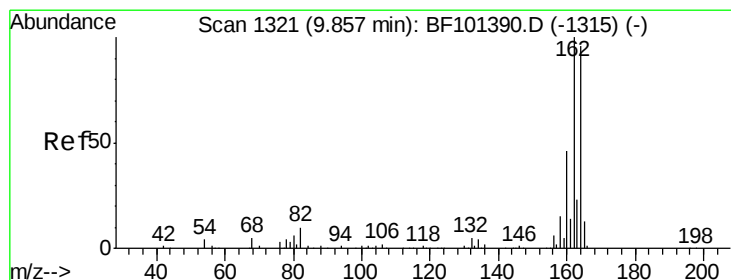
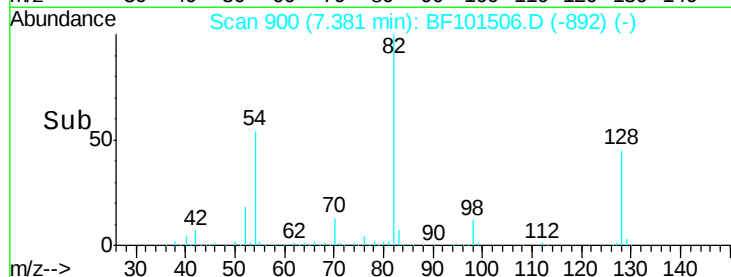
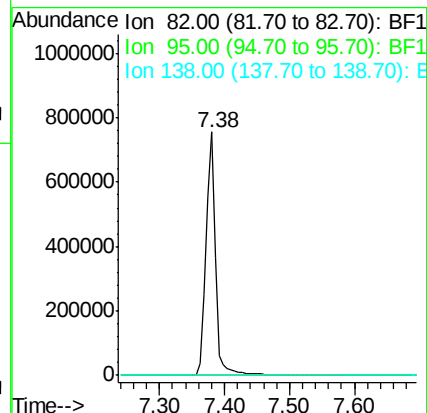
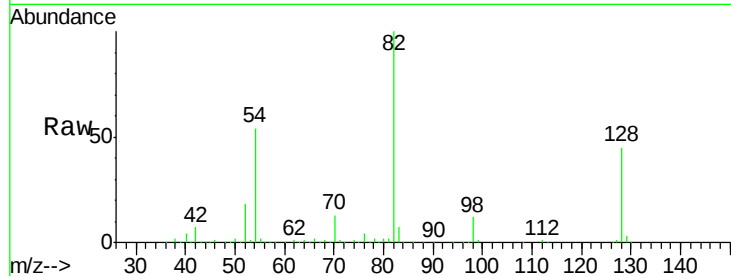
Tot Ion: 82 Resp: 773871

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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101506.D

Acq: 19 Dec 2017 4:17

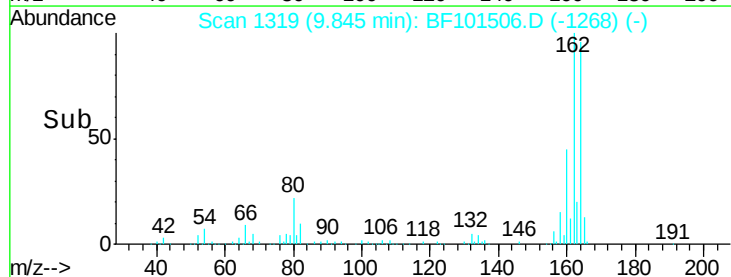
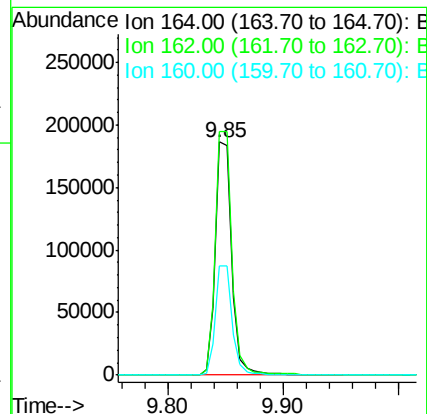
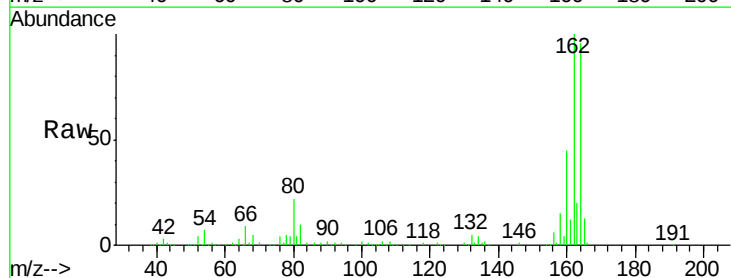
Tgt Ion:164 Resp: 183760

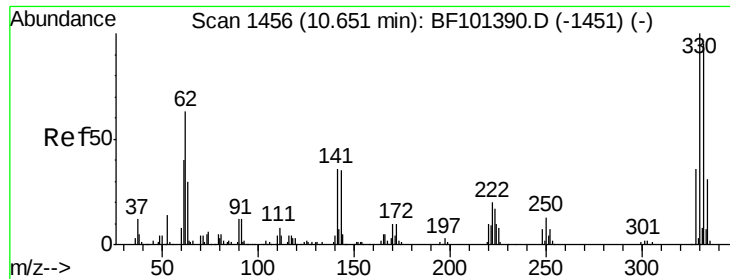
Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

160 46.9 38.3 57.5

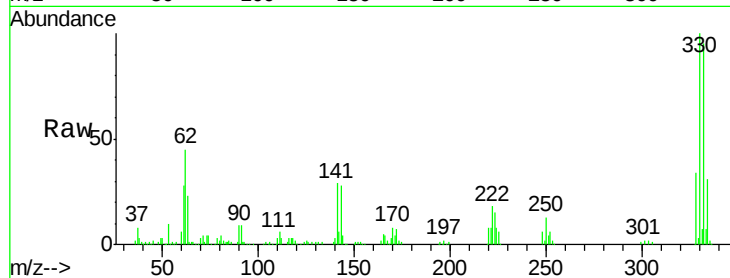




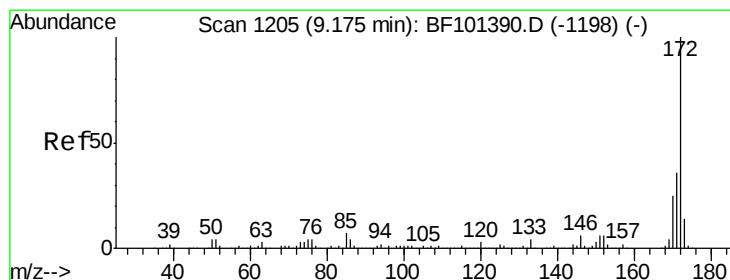
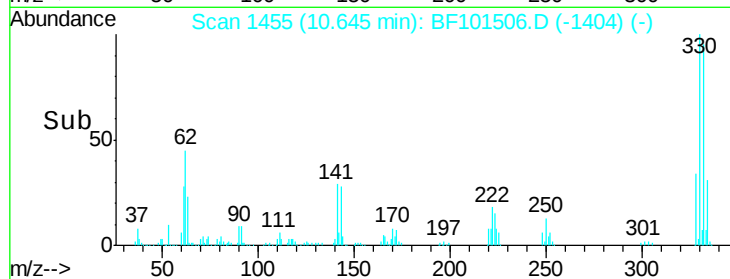
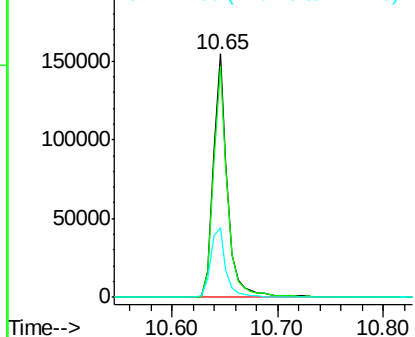
#41
 2,4,6-Tribromophenol
 Concen: 82.34 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101506.D
 Acq: 19 Dec 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :
 121217-TIDO-E-U-S

Tot Ion:330 Resp: 145803
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.2 29.9 44.9

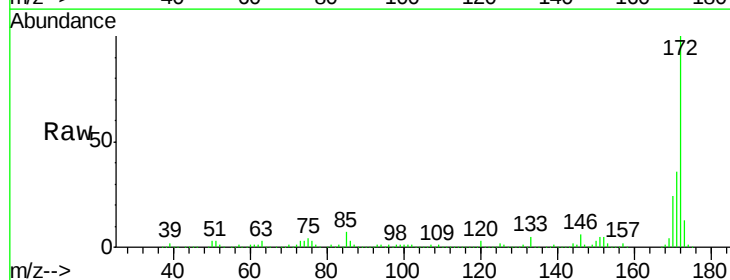


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

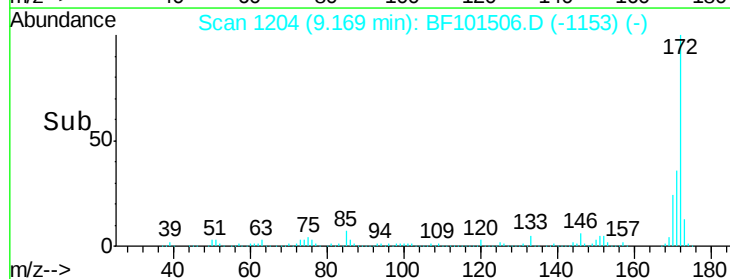
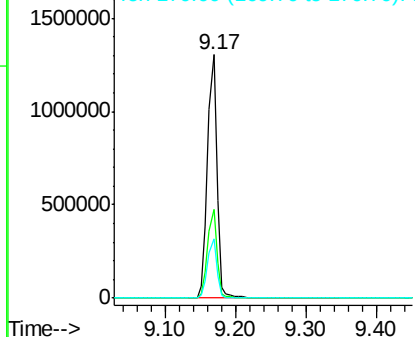


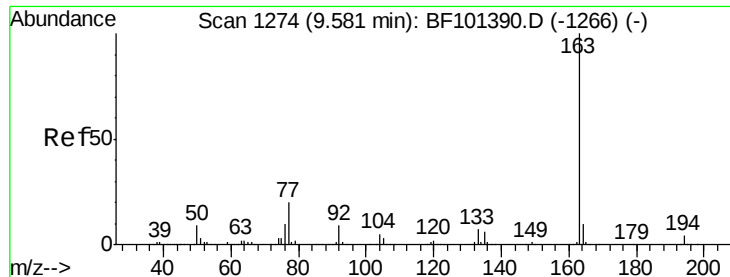
#44
 2-Fluorobiphenyl
 Concen: 102.98 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101506.D
 Acq: 19 Dec 2017 4:17

Tgt Ion:172 Resp: 1219931
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 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

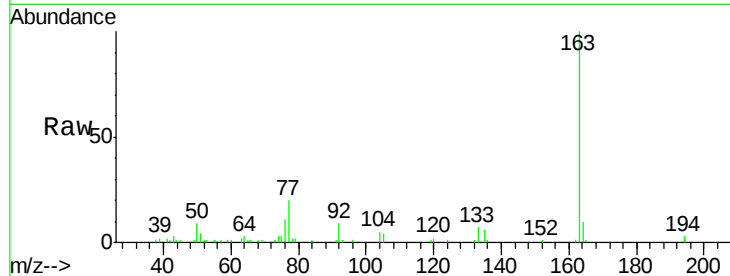




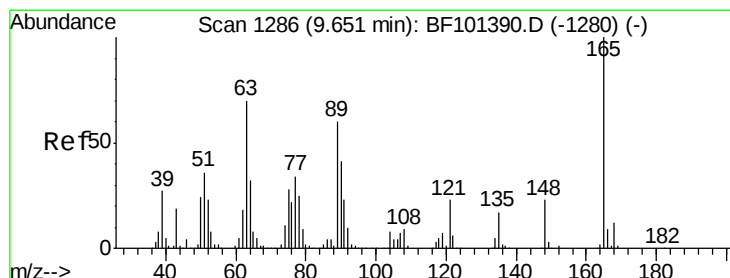
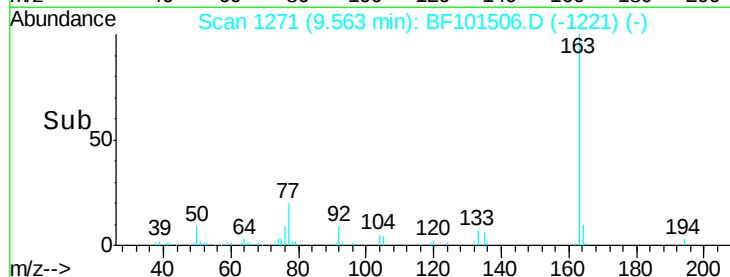
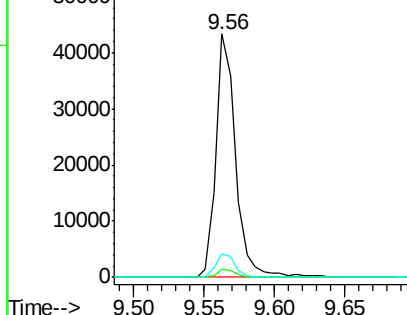
#49
Dimethylphthalate
Concen: 2.85 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

Instrument :
BNA_F
ClientSampleId :
121217-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

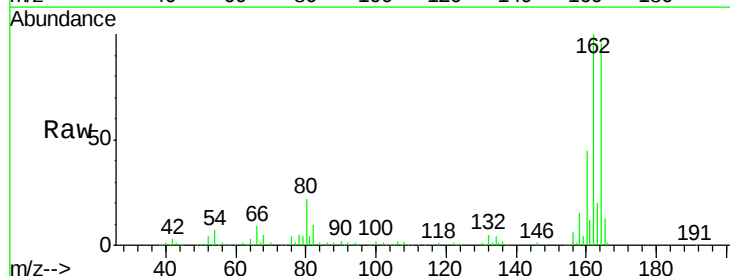


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

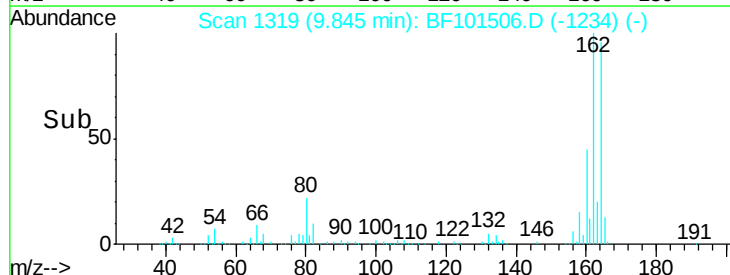
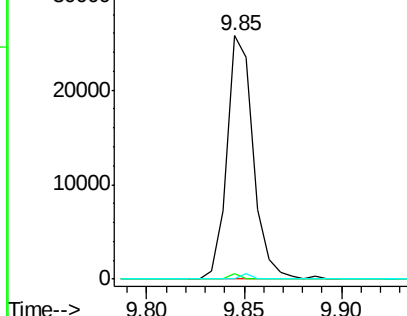


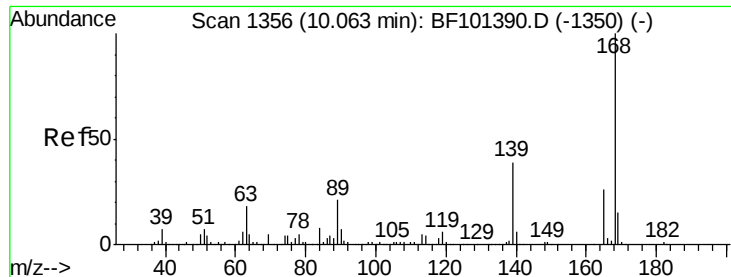
#50
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	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): BF1
Ion 89.00 (88.70 to 89.70): BF1

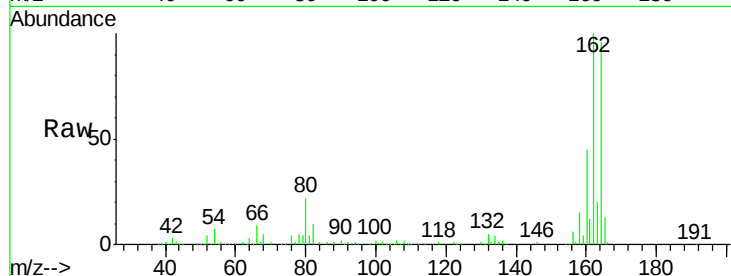




#56
 2,4-Dinitrotoluene
 Concen: 7.09 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101506.D
 Acq: 19 Dec 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :
 121217-TIDO-E-U-S

Tot Ion:	165	Resp:	24006
Ion Ratio	Lower	Upper	
165	100		
63	2.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

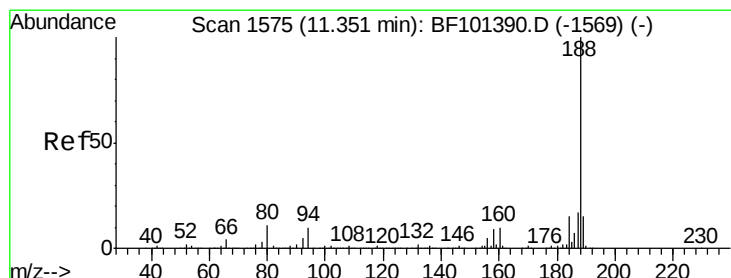
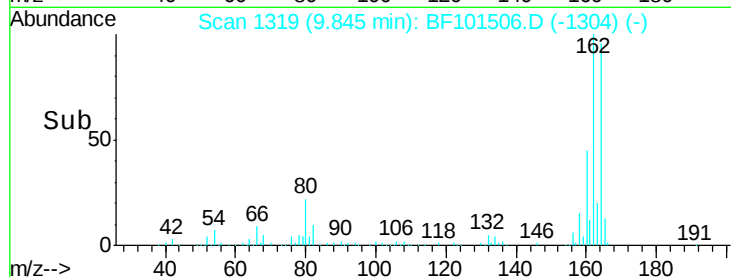
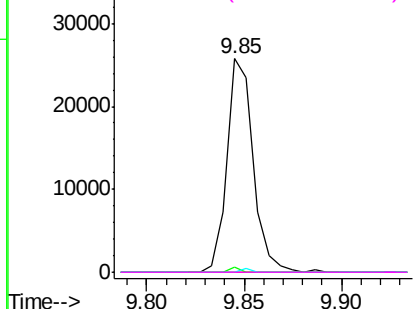


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

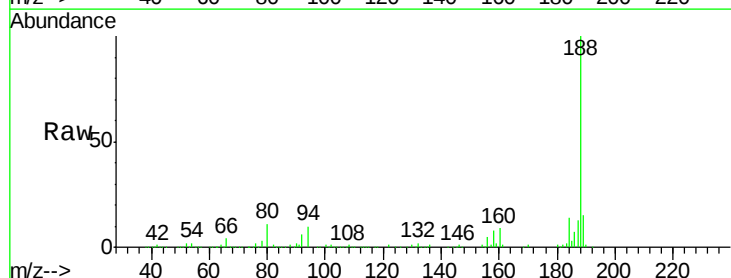
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101506.D
 Acq: 19 Dec 2017 4:17

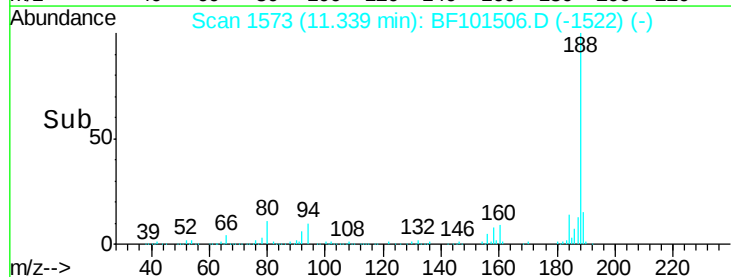
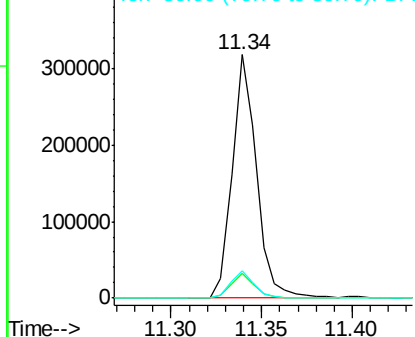
Tgt Ion:	188	Resp:	295968
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8

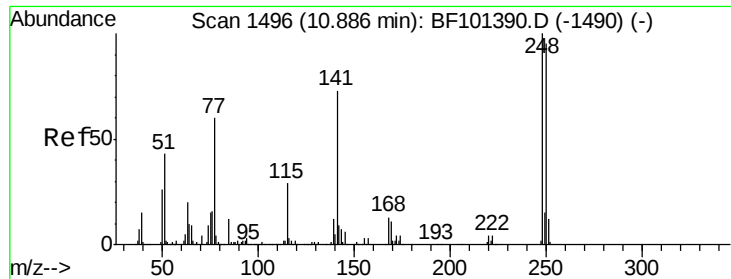


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

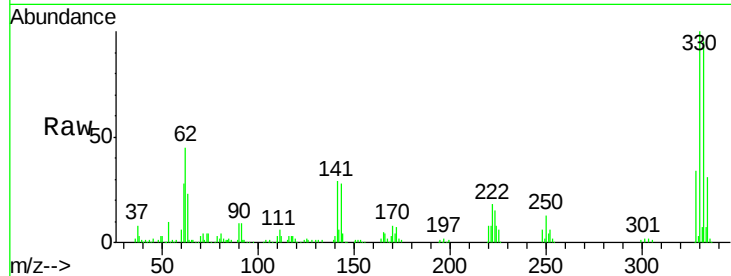




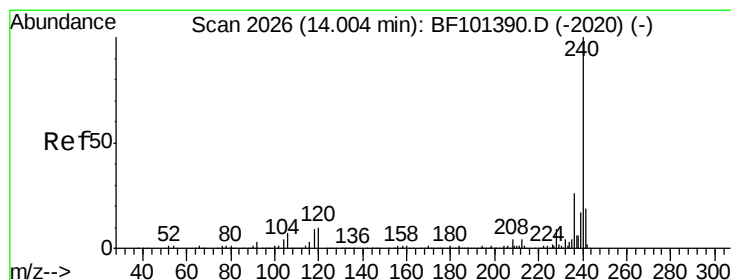
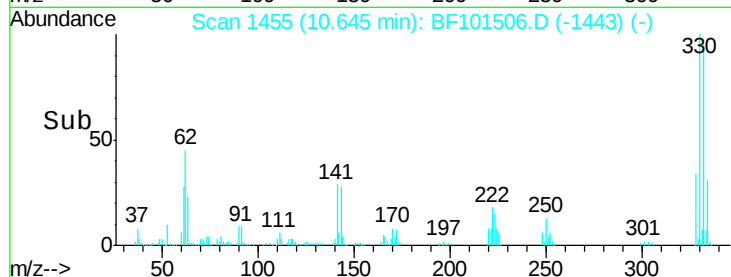
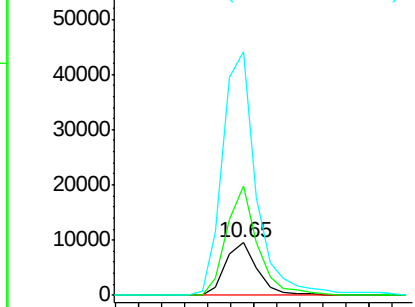
#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

Instrument :
BNA_F
ClientSampleId :
121217-TIDO-E-U-S

Tot Ion:248 Resp: 9167
Ion Ratio Lower Upper
248 100
250 208.3 76.9 115.3#
141 461.9 74.4 111.6#

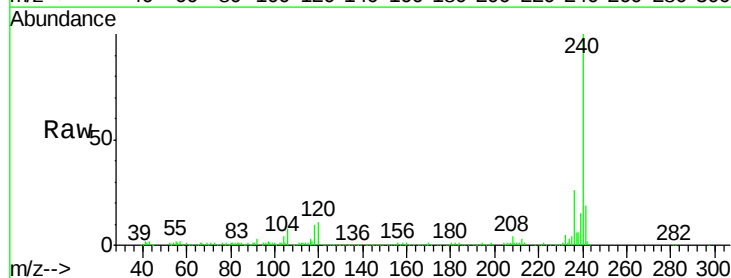


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

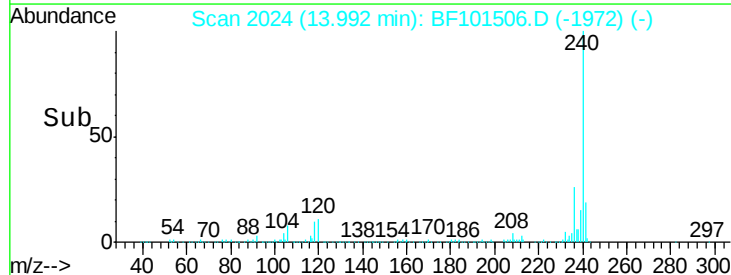
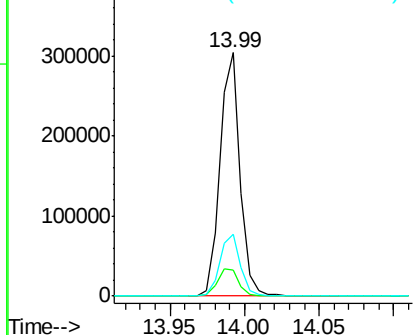


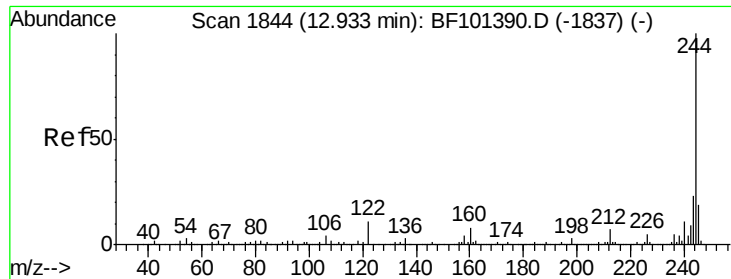
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101506.D
Acq: 19 Dec 2017 4:17

Tgt Ion:240 Resp: 286987
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 25.6 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: 77.90 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101506.D

Acq: 19 Dec 2017 4:17

Instrument :

BNA_F

ClientSampleId :

121217-TIDO-E-U-S

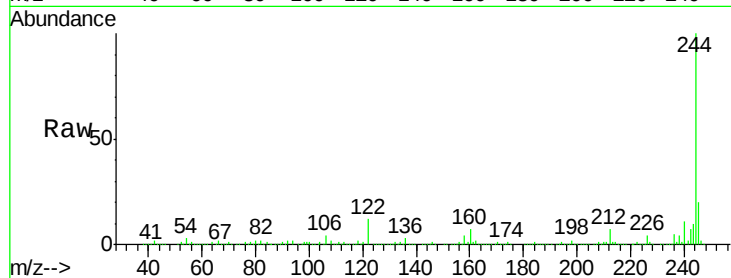
Tot Ion:244 Resp: 927383

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

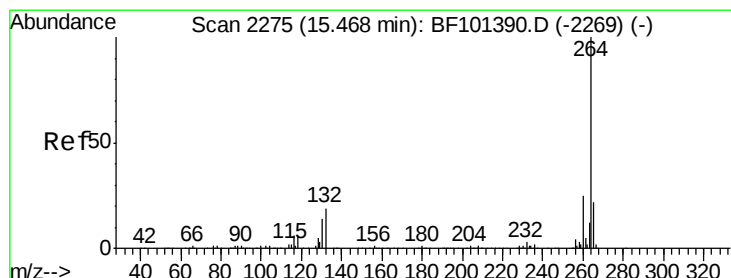
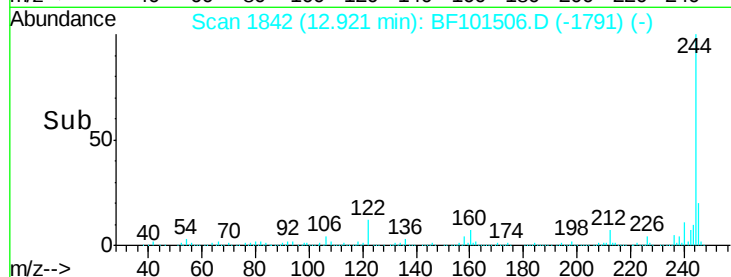
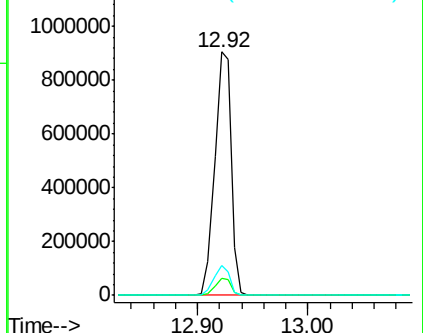
122 12.3 11.0 16.4



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: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101506.D

Acq: 19 Dec 2017 4:17

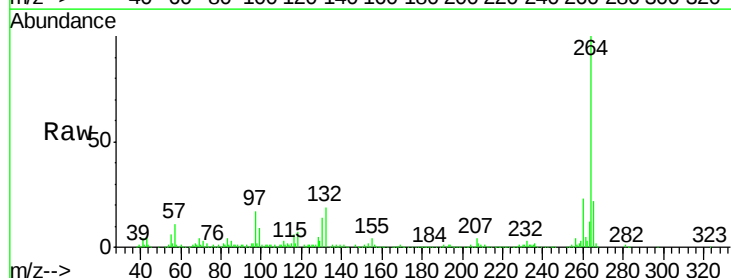
Tgt Ion:264 Resp: 263840

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

