

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101633.D
 Acq On : 22 Dec 2017 4:27
 Operator : SJ/JU
 Sample : I7008-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:58:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

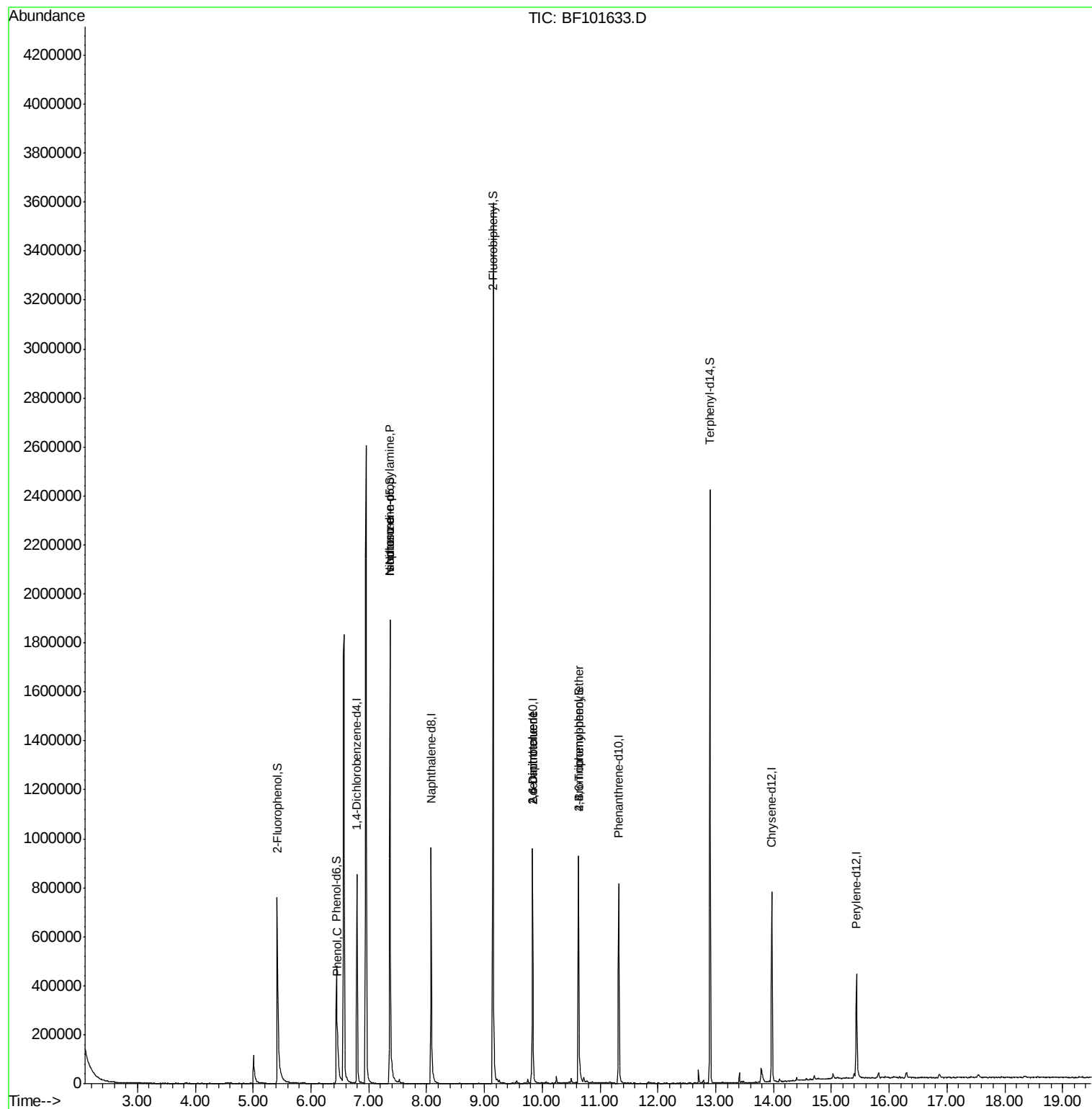
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135380	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	517006	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202359	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	310014	20.00	ng	0.00
75) Chrysene-d12	13.97	240	290042	20.00	ng	0.00
86) Perylene-d12	15.43	264	237034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	341956	37.63	ng	0.00
7) Phenol-d6	6.44	99	269186	23.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	763107	82.16	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	135103	69.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1198031	91.84	ng	0.00
78) Terphenyl-d14	12.90	244	818250	68.01	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26702	2.071	ng	# 76
19) n-Nitroso-di-n-propylamine	7.36	70	101888	13.716	ng	# 82
25) Isophorone	7.37	82	763107	40.957	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25416	7.683	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	25416	6.819	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	8355	2.399	ng	# 1

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

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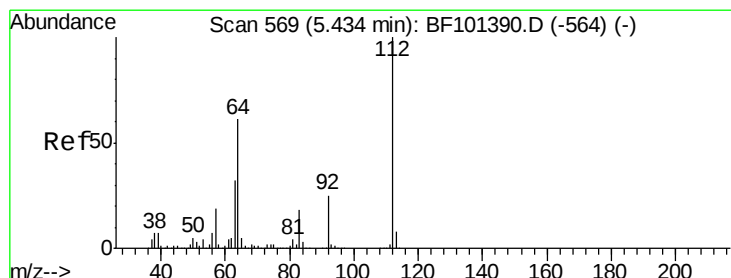
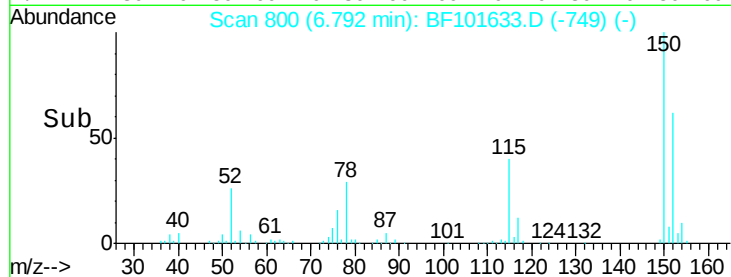
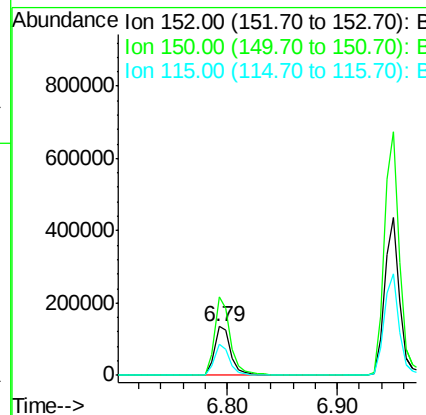
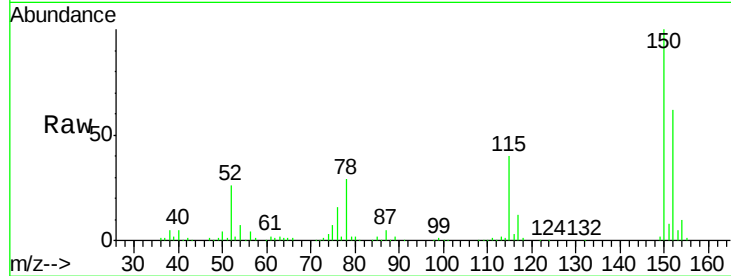


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Instrument :
BNA_F
ClientSampleId :

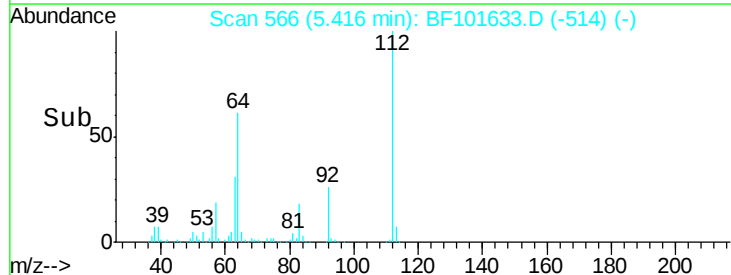
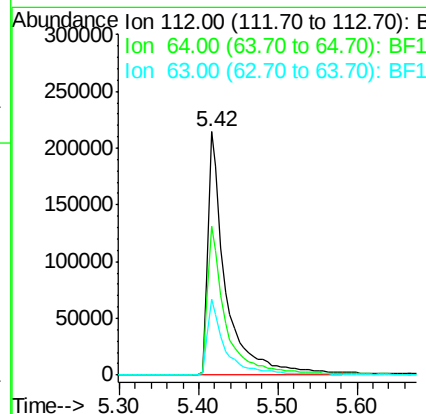
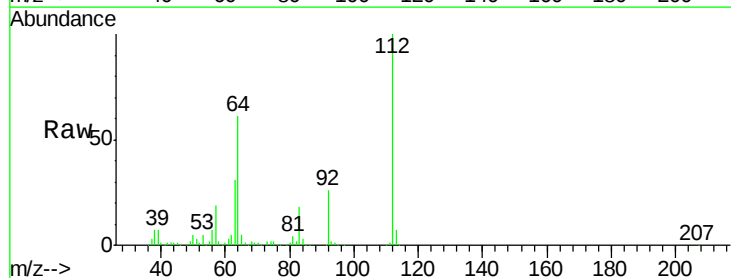
Tot Ion:152 Resp: 135380
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 64.5 50.1 75.1

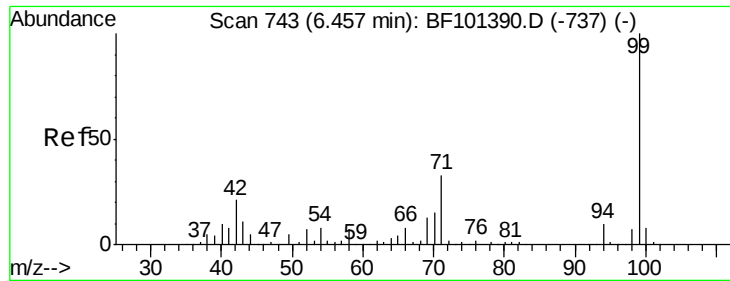


#5

2-Fluorophenol
Concen: 37.625 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Tgt Ion:112 Resp: 341956
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 23.799 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

Instrument :

BNA_F

ClientSampleId :

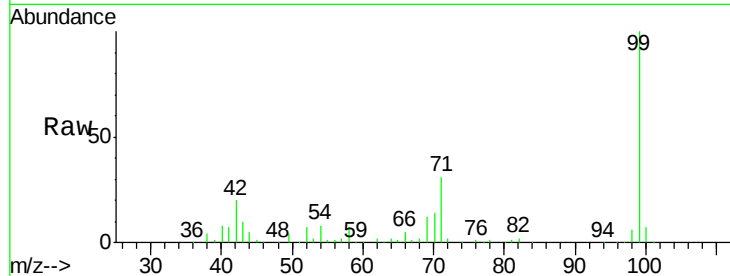
Tot Ion: 99 Resp: 269186

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

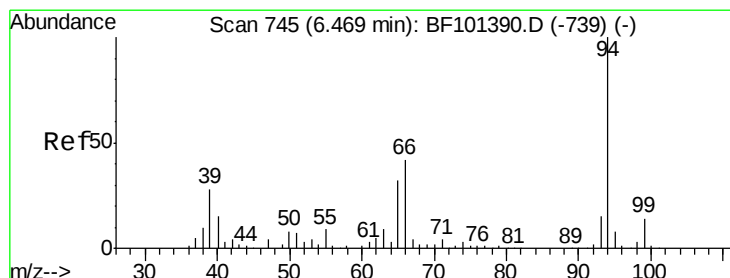
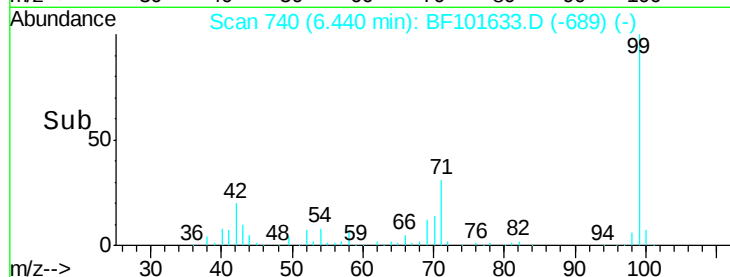
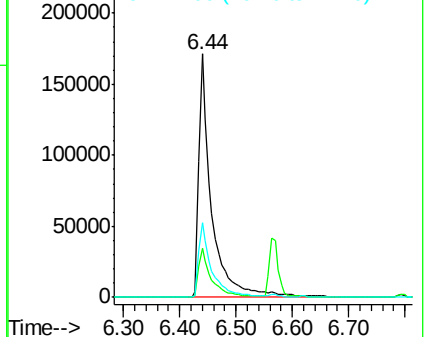
71 30.7 25.4 38.0



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



#10

Phenol

Concen: 2.071 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

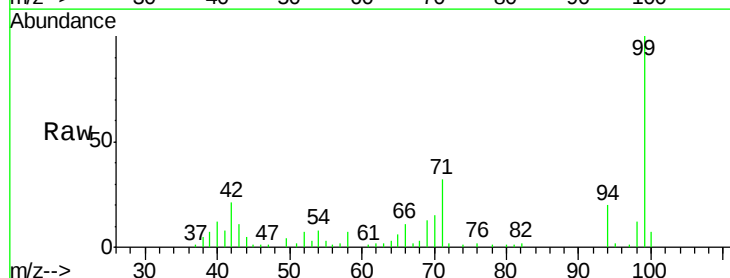
Tgt Ion: 94 Resp: 26702

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

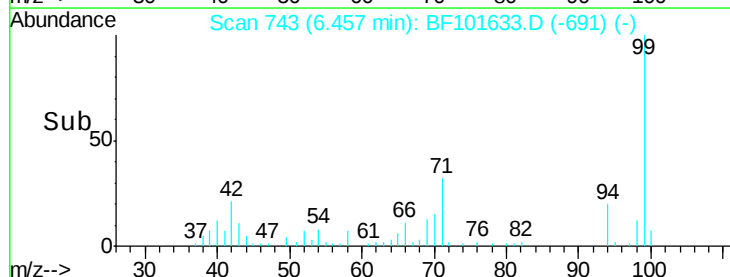
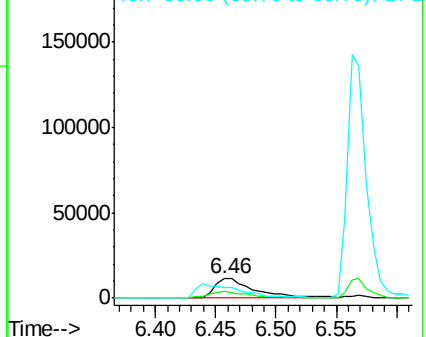
66 57.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

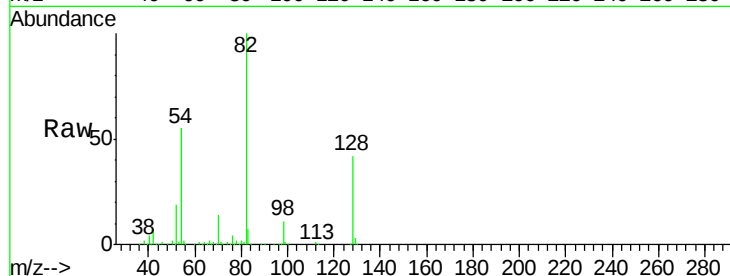




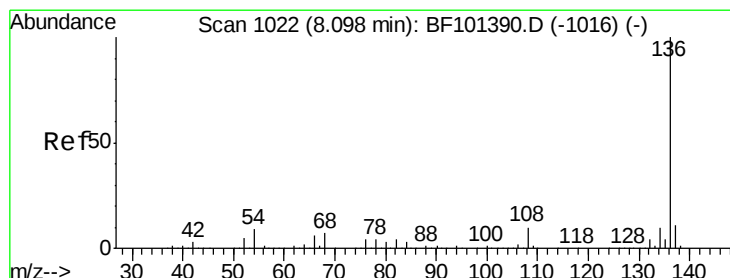
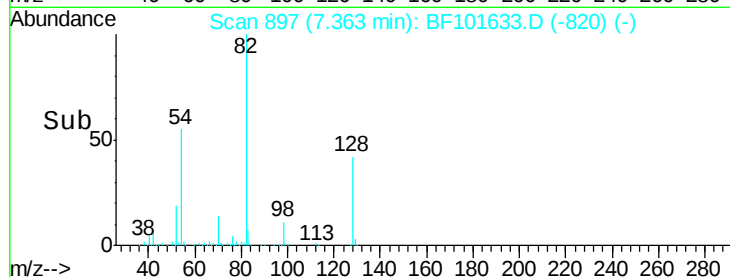
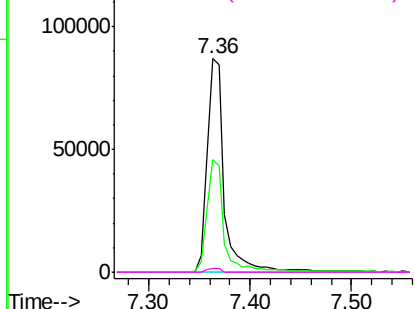
#19
n-Nitroso-di-n-propylamine
Concen: 13.716 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 101888
Ion Ratio Lower Upper
70 100
42 52.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



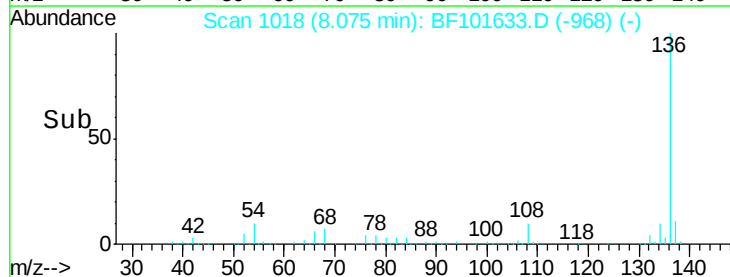
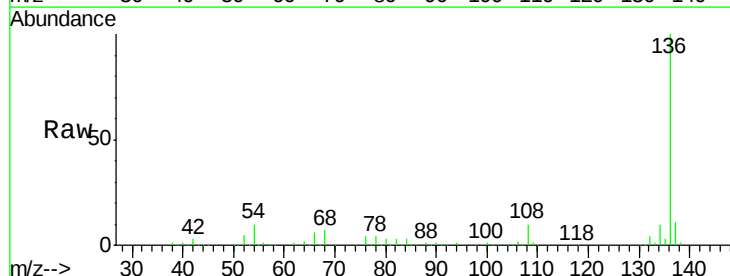
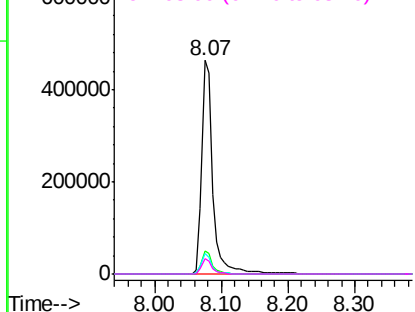
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

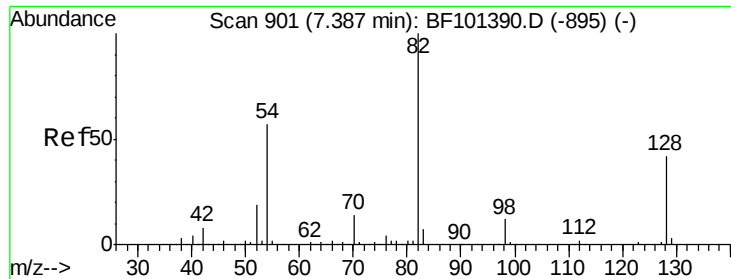


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Tgt Ion:136 Resp: 517006
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.7 6.6 9.8
68 7.3 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

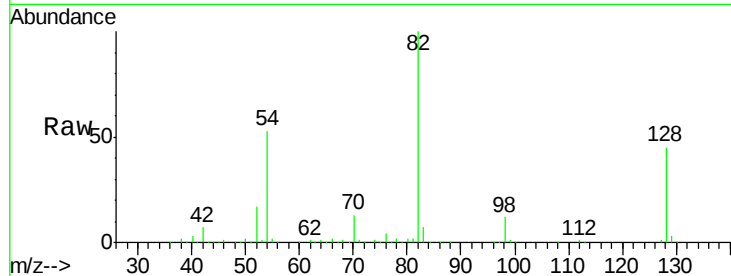




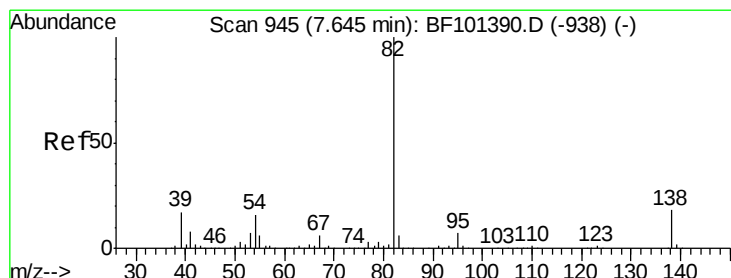
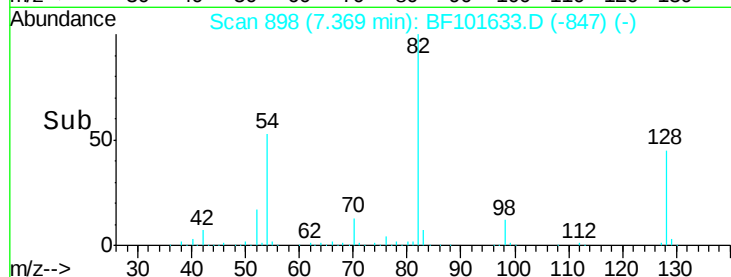
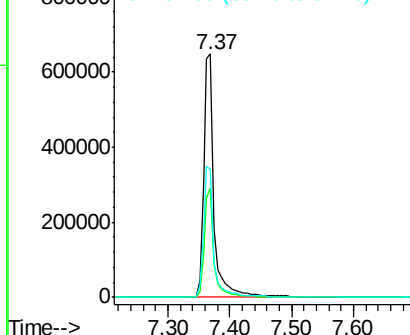
#23
Nitrobenzene-d5
Concen: 82.163 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	763107
Ion Ratio	100	Lower	Upper
128	45.1	36.1	54.1
54	52.8	41.4	62.2

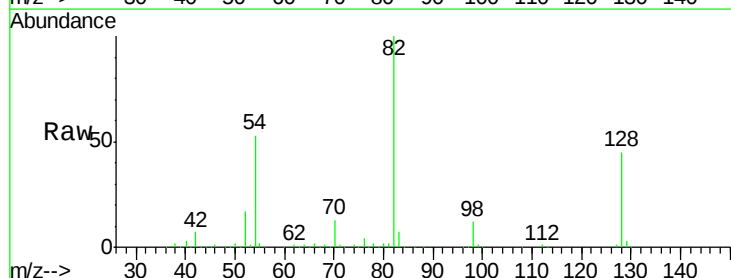


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

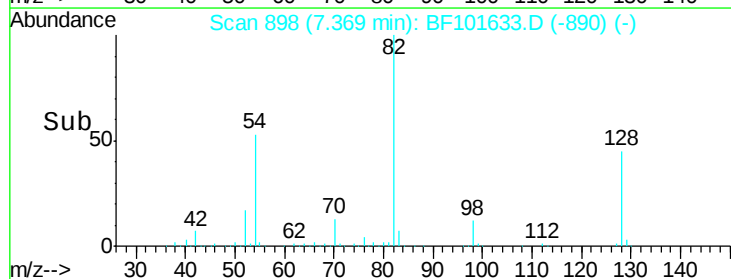
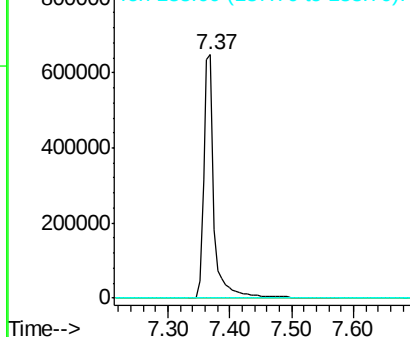


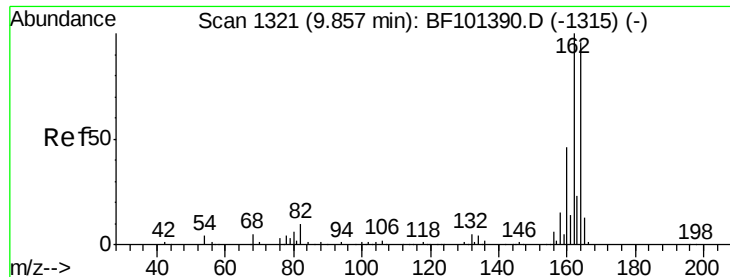
#25
Isophorone
Concen: 40.957 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Tgt Ion	82	Resp	763107
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

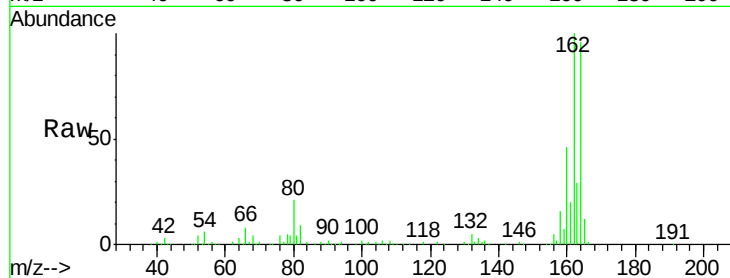




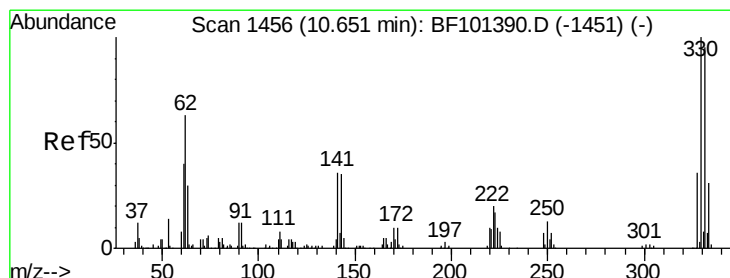
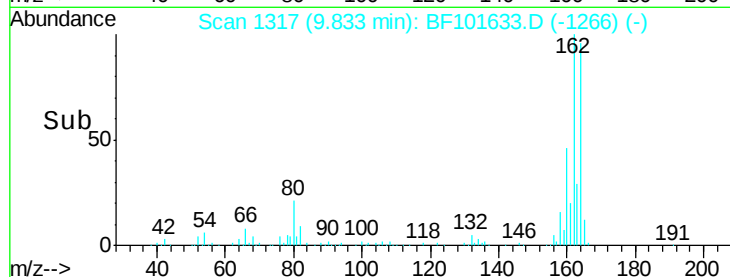
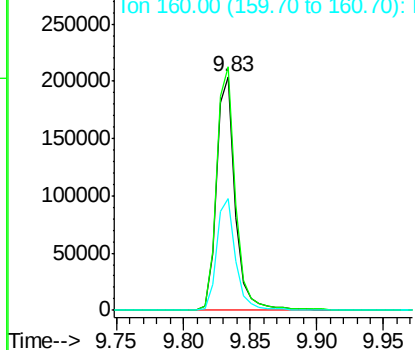
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	48.1	38.3	57.5

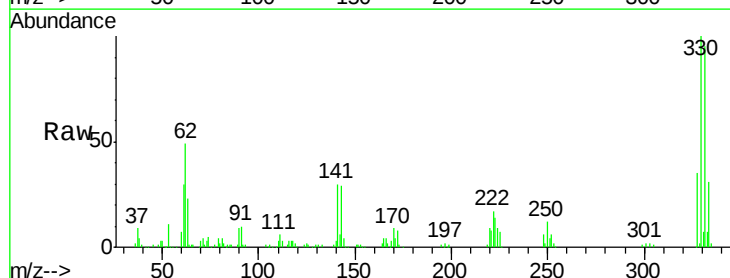


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

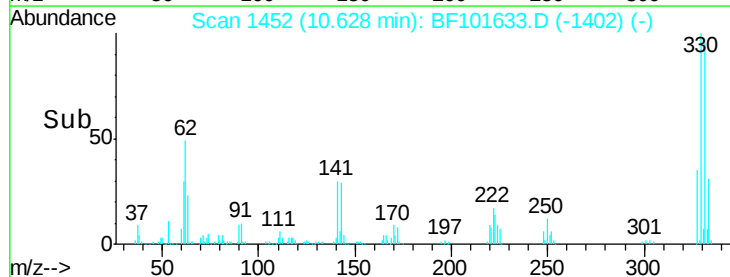
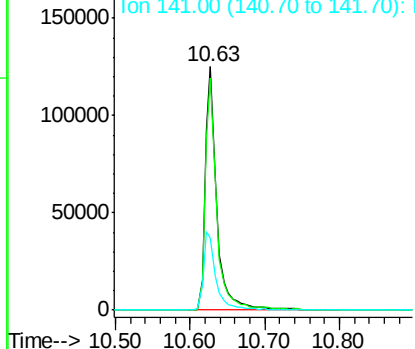


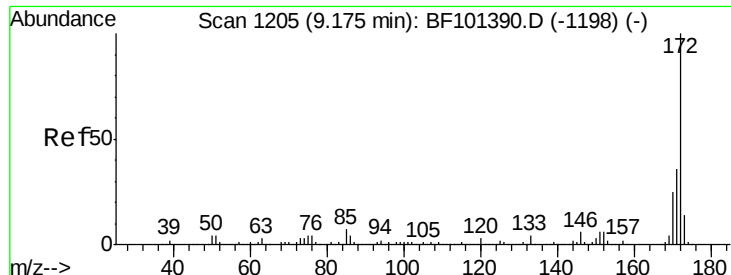
#41
2,4,6-Tribromophenol
Concen: 69.288 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.5	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

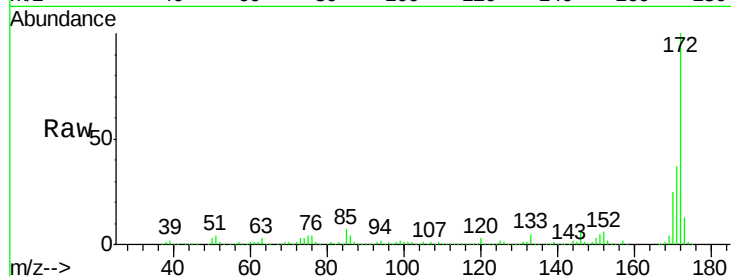




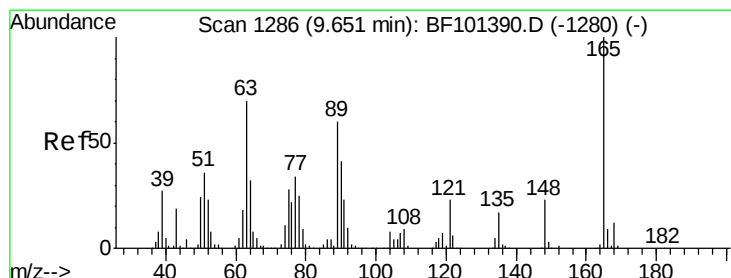
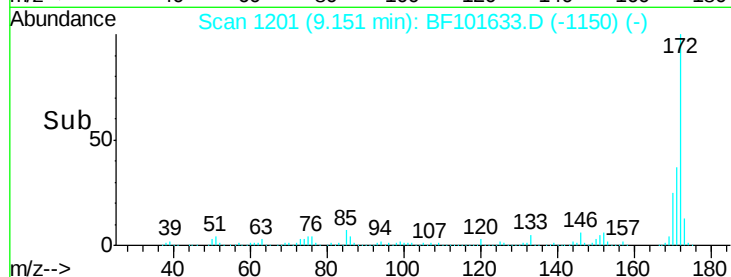
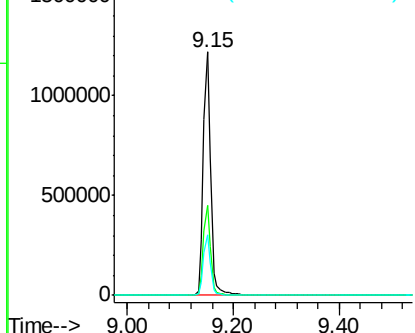
#44
 2-Fluorobiphenyl
 Concen: 91.839 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1198031
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 19.6 29.4

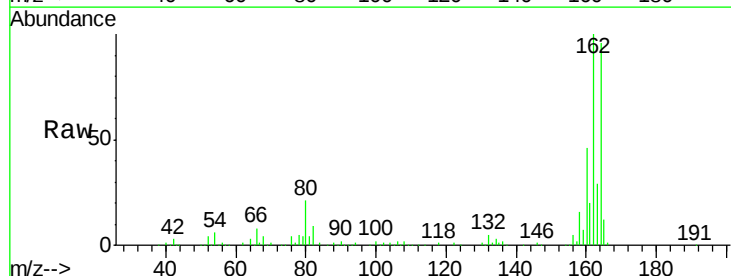


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

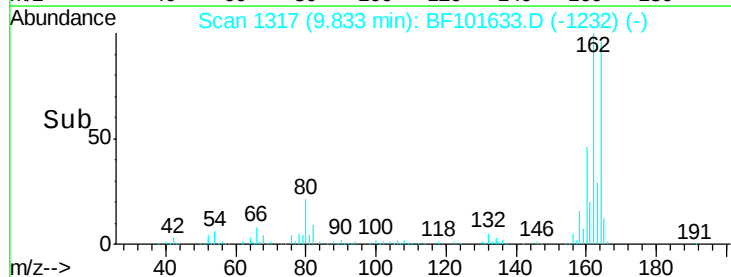
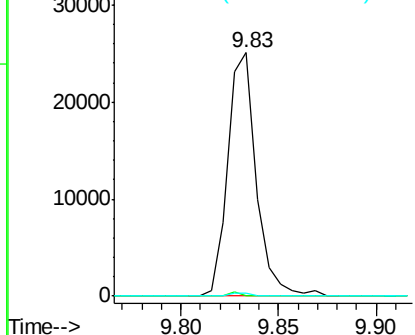


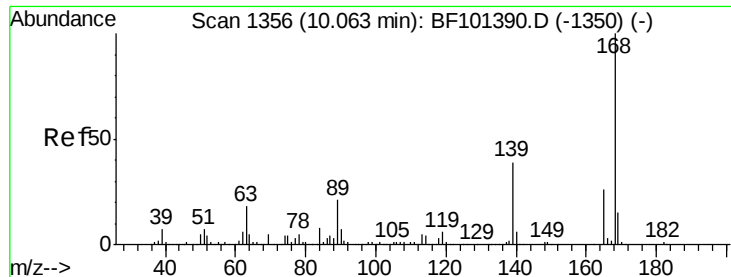
#50
 2,6-Dinitrotoluene
 Concen: 7.683 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Tgt Ion:165 Resp: 25416
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.4 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

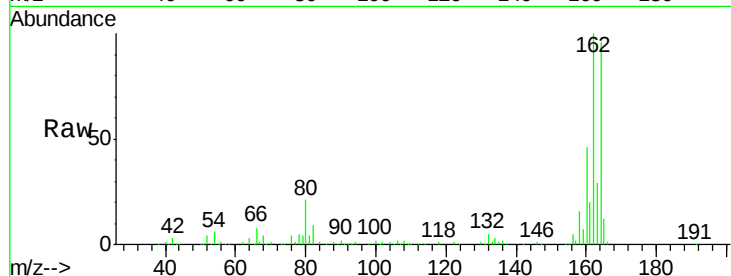




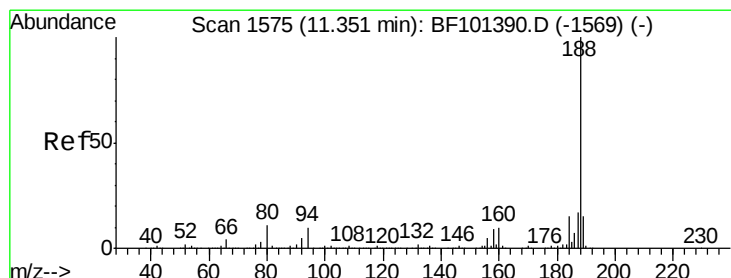
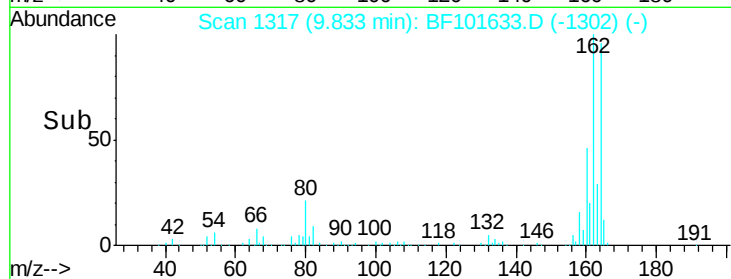
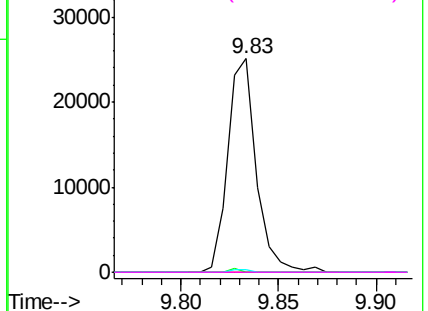
#56
 2,4-Dinitrotoluene
 Concen: 6.819 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	25416
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

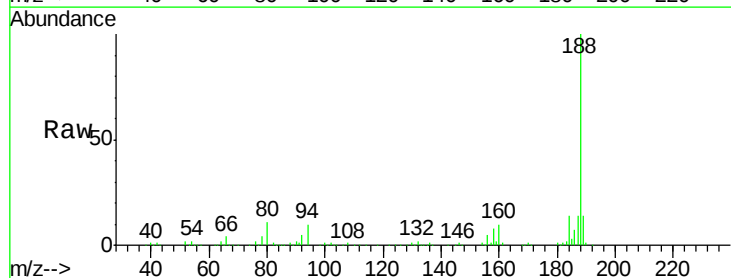


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

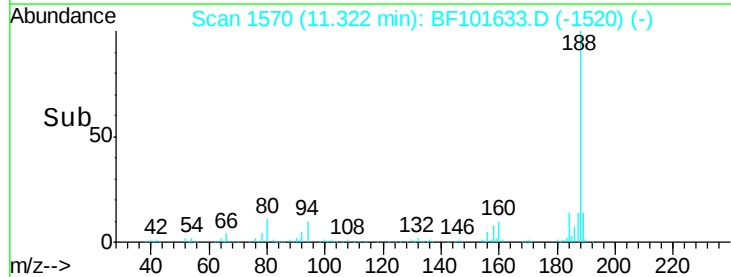
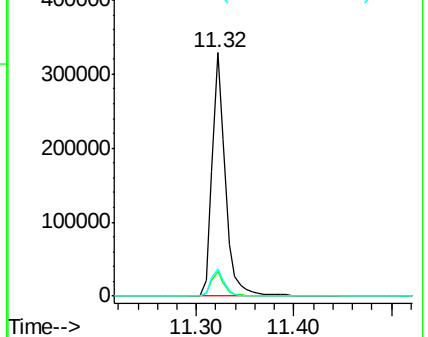


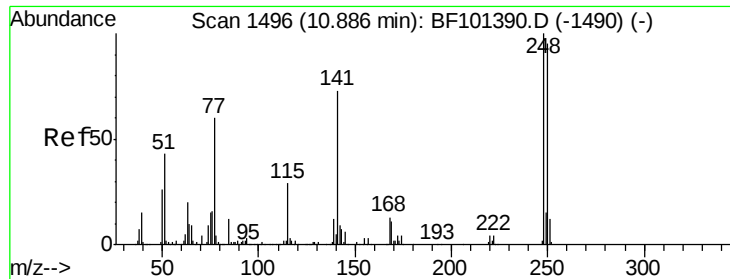
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Tgt Ion:	188	Resp:	310014
Ion	Ratio	Lower	Upper
188	100		
94	10.1	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

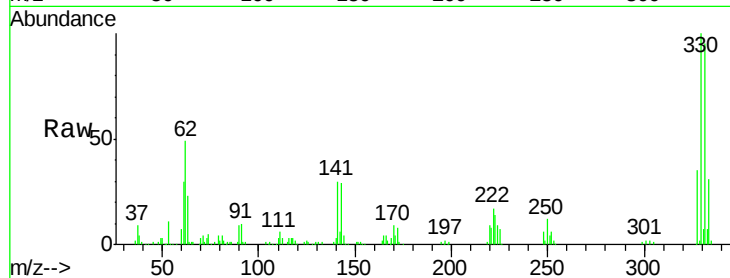




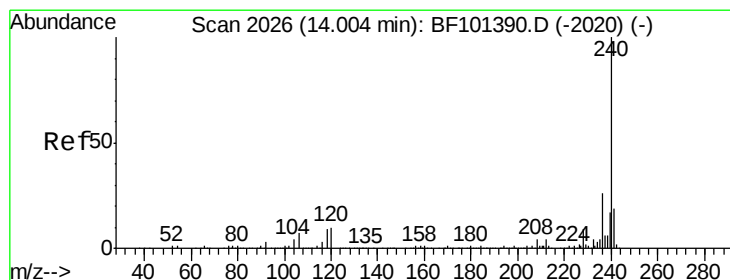
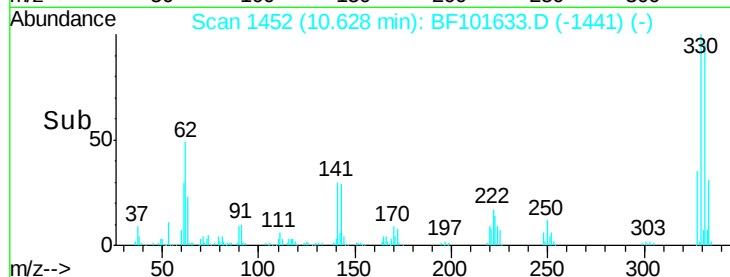
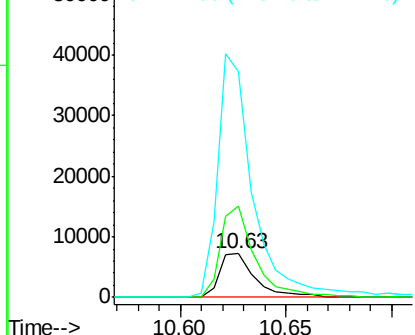
#66
 4-Bromophenyl-phenylether
 Concen: 2.399 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 8355
 Ion Ratio Lower Upper
 248 100
 250 210.8 76.9 115.3#
 141 520.5 74.4 111.6#

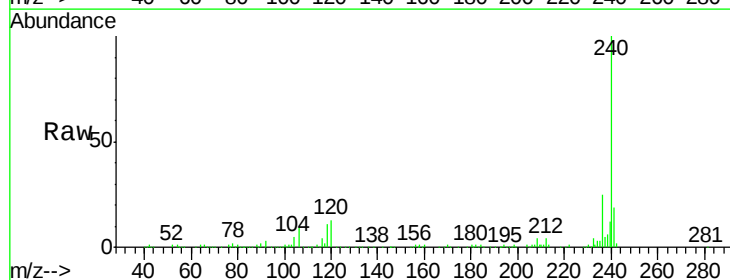


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

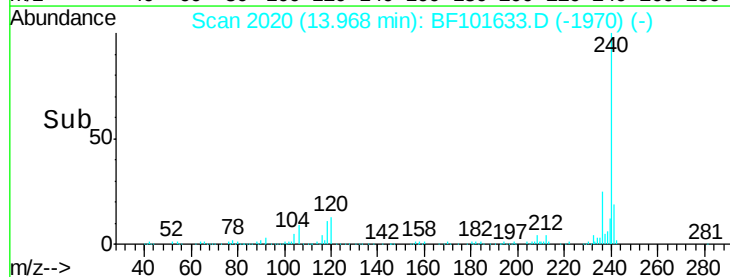
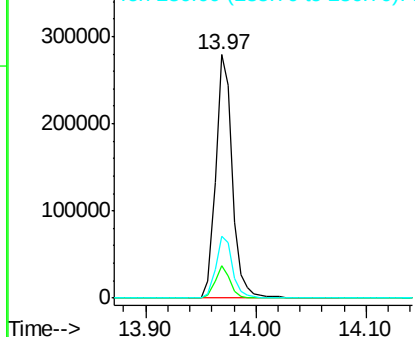


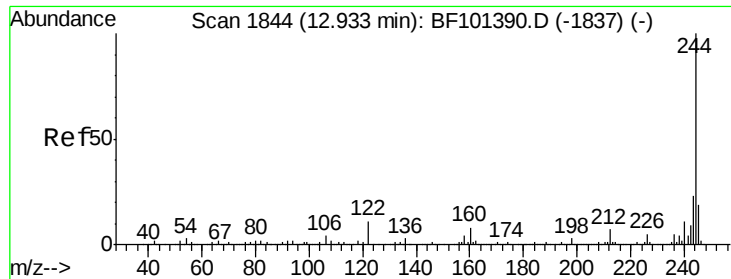
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Tgt Ion:240 Resp: 290042
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.4 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: 68.011 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

Instrument :

BNA_F

ClientSampled :

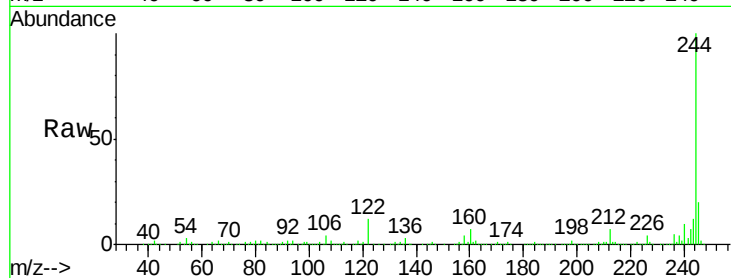
Tot Ion:244 Resp: 818250

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

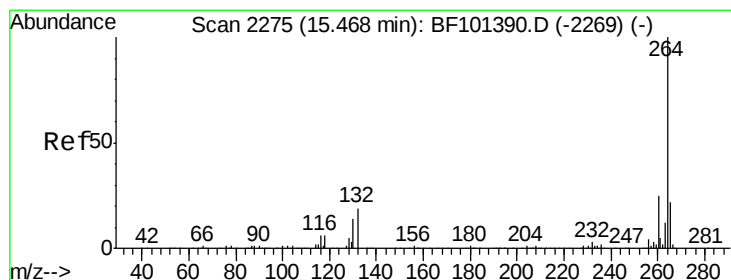
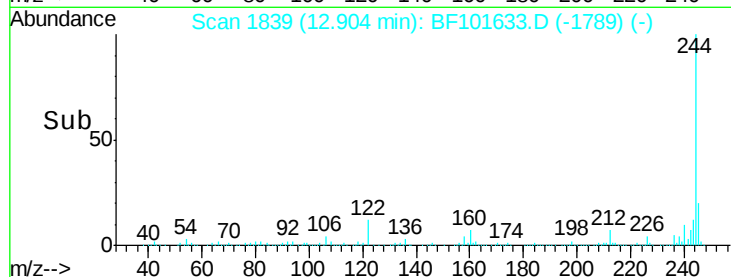
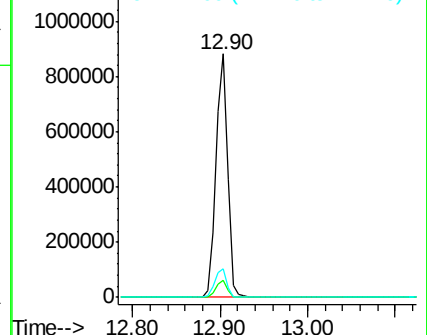
122 11.5 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

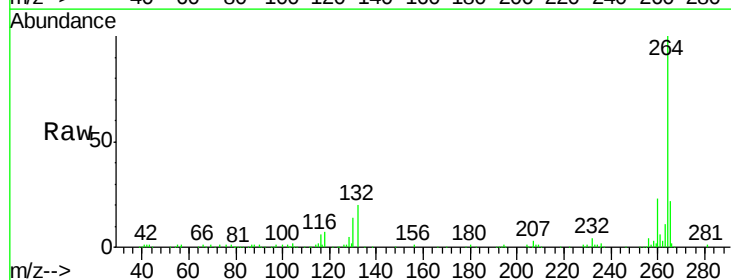
Tgt Ion:264 Resp: 237034

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.2 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

