

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121917\
 Data File : BF101519.D
 Acq On : 19 Dec 2017 13:50
 Operator : SJ/JU
 Sample : PB105116BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

Quant Time: Dec 19 14:42:34 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

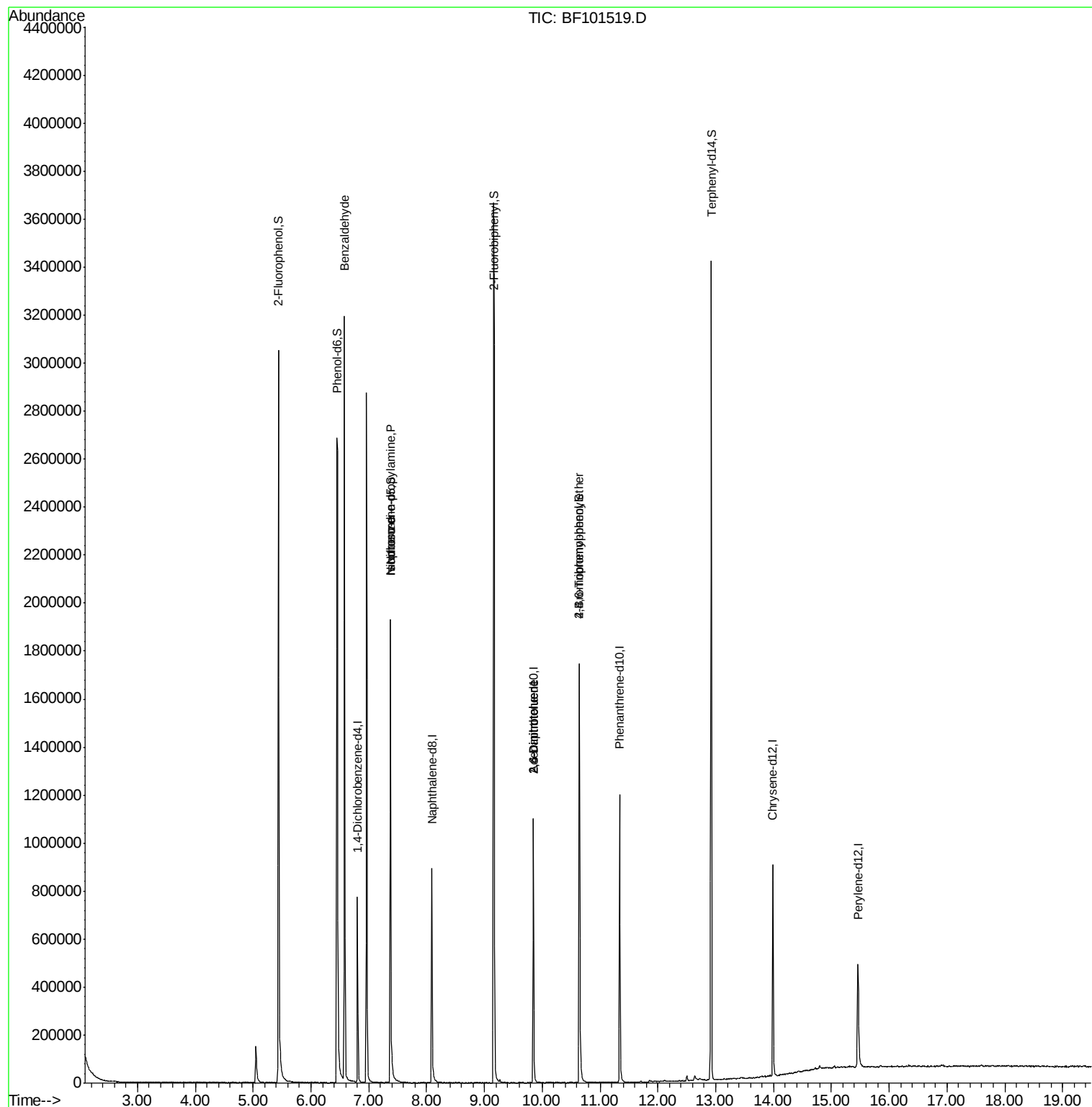
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	521387	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	239052	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	477387	20.00	ng	0.00
75) Chrysene-d12	13.99	240	353373	20.00	ng	0.00
86) Perylene-d12	15.46	264	257195	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1001930	114.24	ng	0.02
7) Phenol-d6	6.46	99	1215944	111.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	776142	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	267892	116.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1383735	89.79	ng	0.00
78) Terphenyl-d14	12.93	244	1360433	92.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	20598	2.555	ng	84
19) n-Nitroso-di-n-propylamine	7.37	70	101655	14.182	ng	# 81
25) Isophorone	7.37	82	776135	41.307	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	30434	7.788	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	30434	6.912	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	16133	3.008	ng	# 1

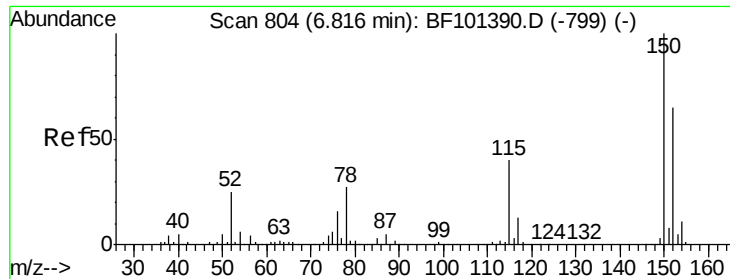
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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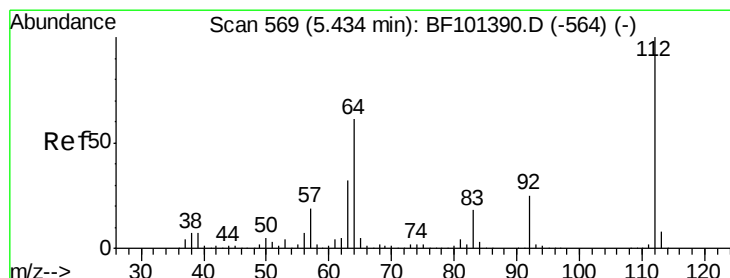
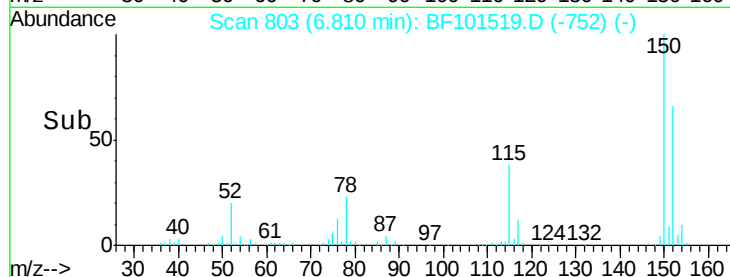
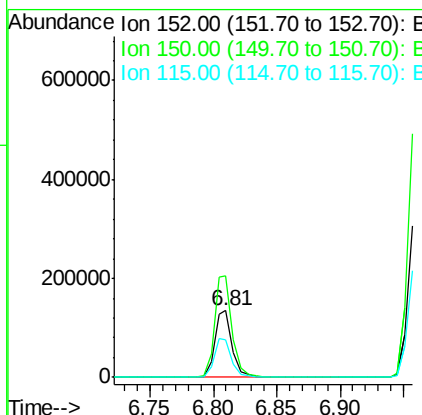
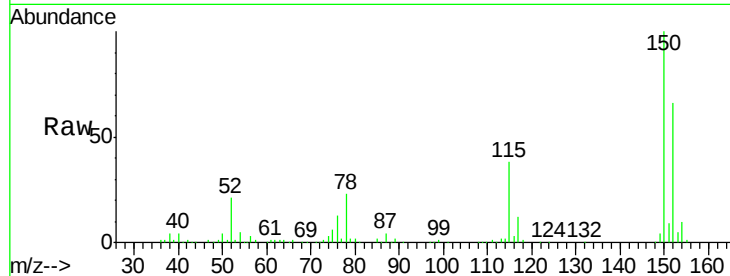


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB105116BL

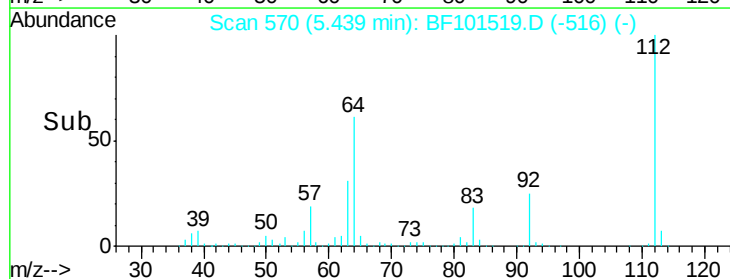
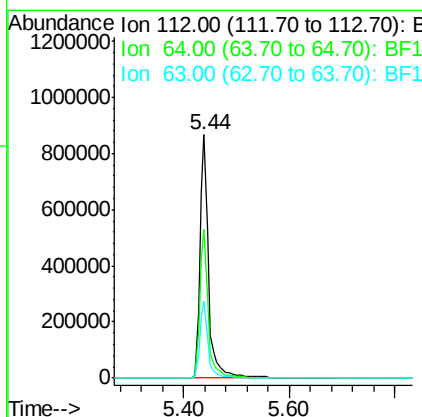
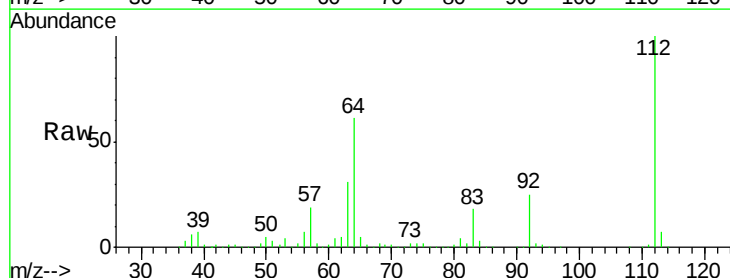
Tgt Ion:152 Resp: 130640
Ion Ratio Lower Upper
152 100
150 152.0 124.6 186.8
115 57.0 50.1 75.1

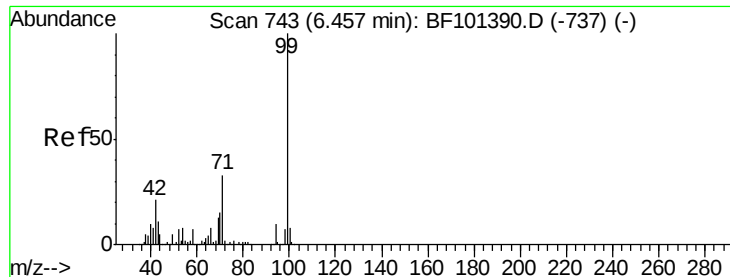


#5

2-Fluorophenol
Concen: 114.242 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

Tgt Ion:112 Resp: 1001930
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 111.402 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101519.D

Acq: 19 Dec 2017 13:50

Instrument :

BNA_F

ClientSampleId :

PB105116BL

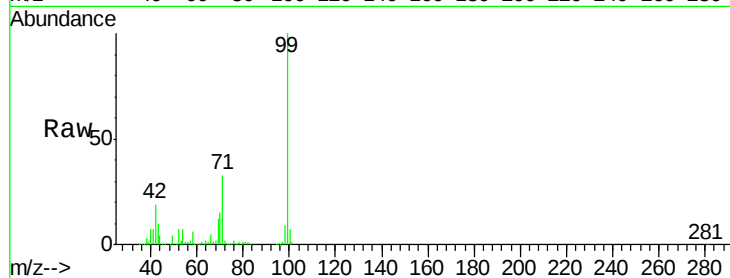
Tgt Ion: 99 Resp: 1215944

Ion Ratio Lower Upper

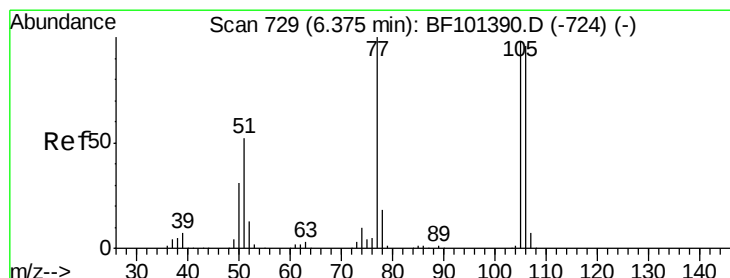
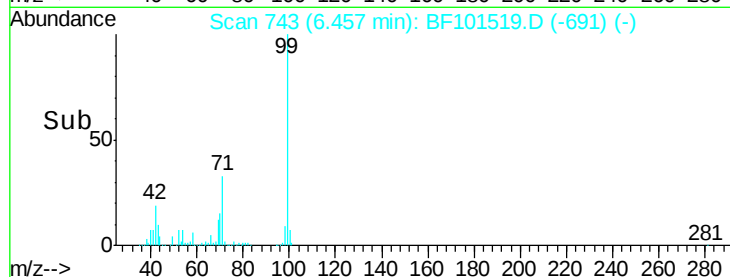
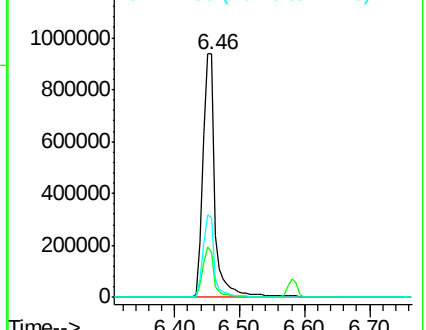
99 100

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



#9

Benzaldehyde

Concen: 2.555 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.21 min

Lab File: BF101519.D

Acq: 19 Dec 2017 13:50

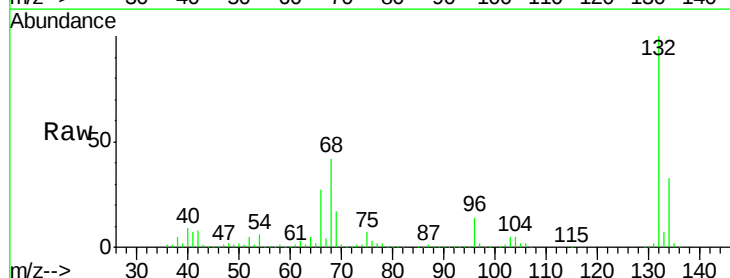
Tgt Ion: 77 Resp: 20598

Ion Ratio Lower Upper

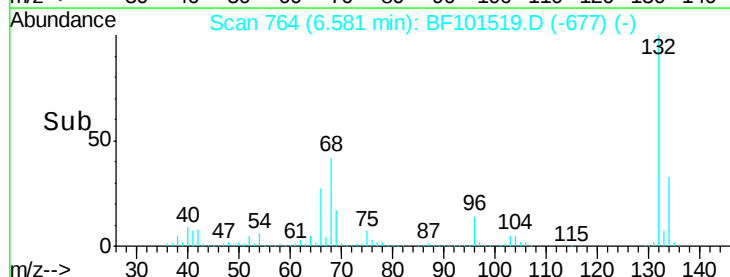
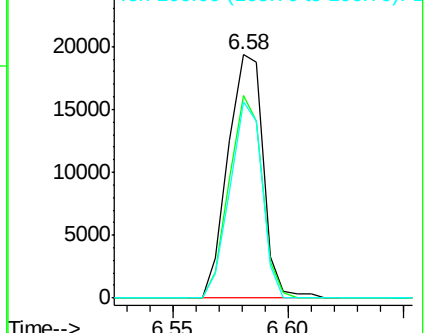
77 100

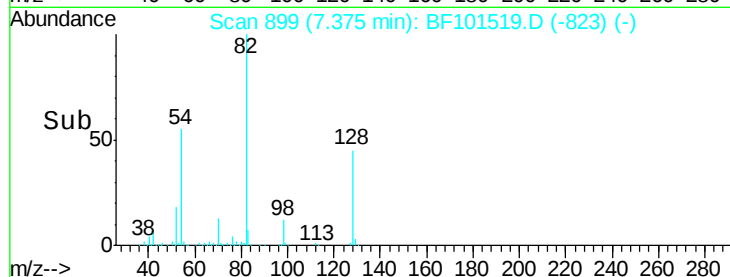
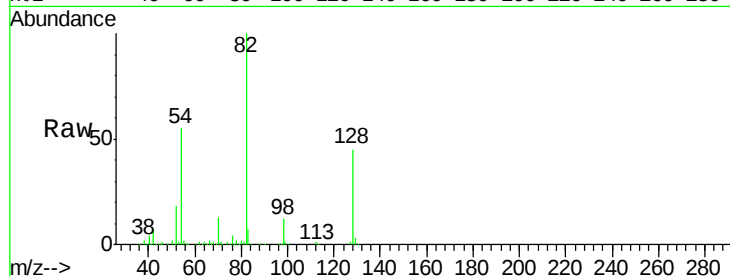
105 83.1 81.1 121.1

106 80.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

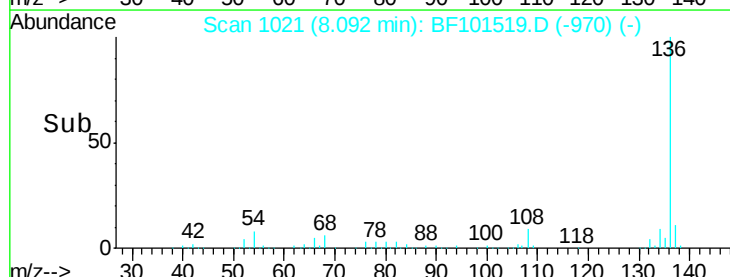
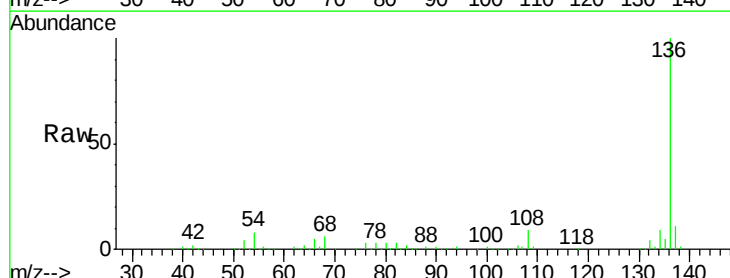
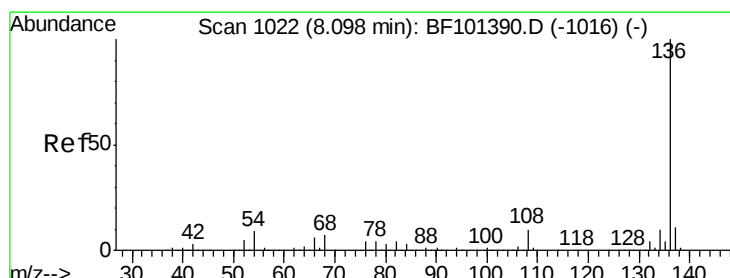
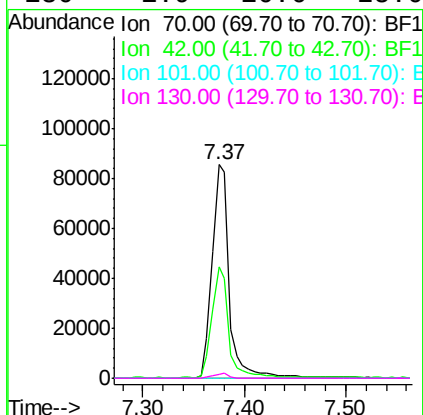




#19
n-Nitroso-di-n-propylamine
Concen: 14.182 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

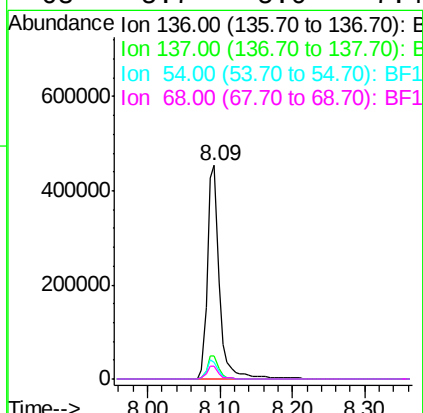
Instrument :
BNA_F
ClientSampleId :
PB105116BL

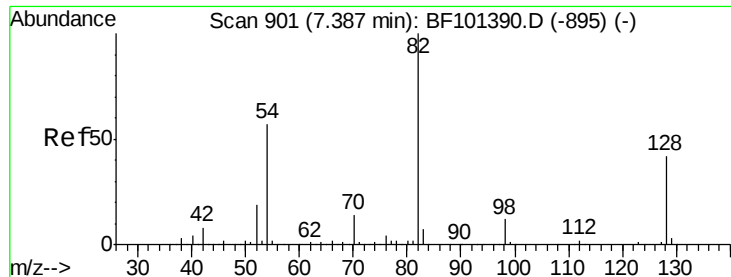
Tgt Ion: 70 Resp: 101655
Ion Ratio Lower Upper
70 100
42 52.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

Tgt Ion: 136 Resp: 521387
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.0 6.6 9.8
68 5.7 5.0 7.4

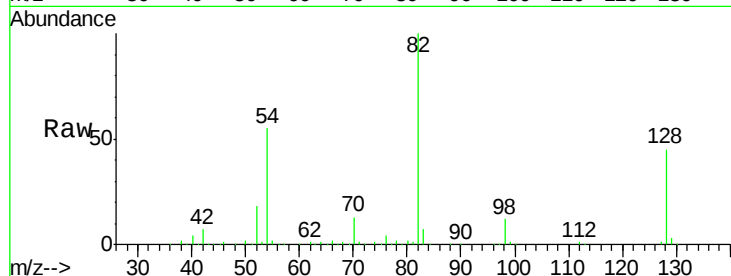




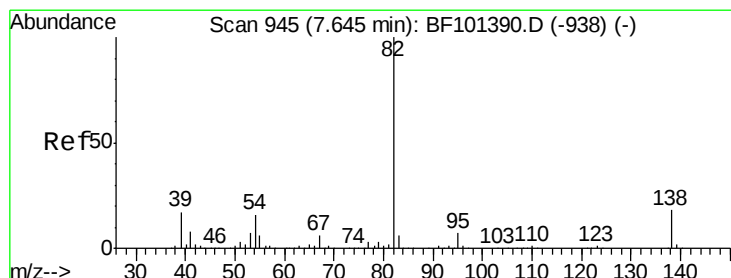
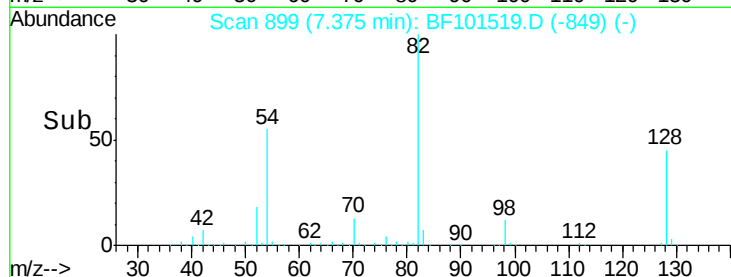
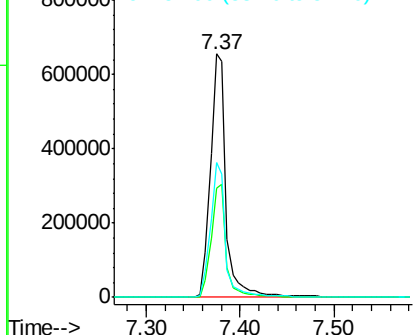
#23
 Nitrobenzene-d5
 Concen: 82.865 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Instrument :
 BNA_F
 ClientSampleID :
 PB105116BL

Tgt Ion: 82 Resp: 776142
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 55.1 41.4 62.2

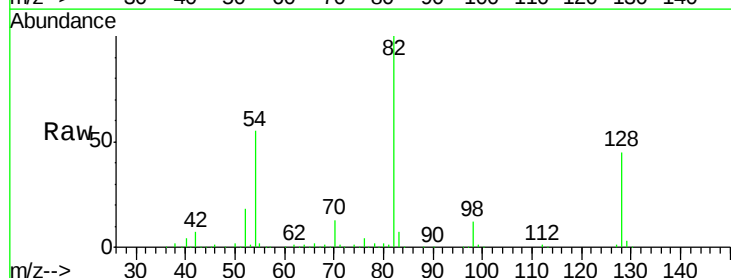


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

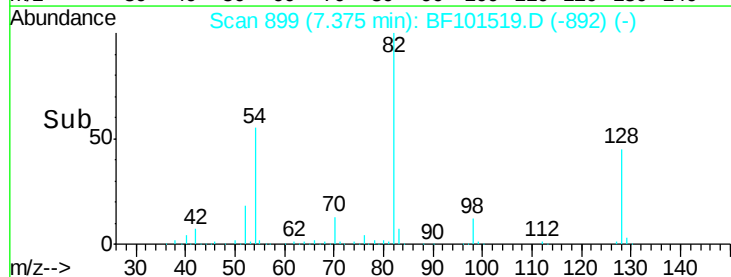
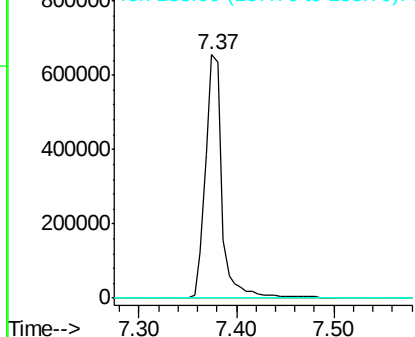


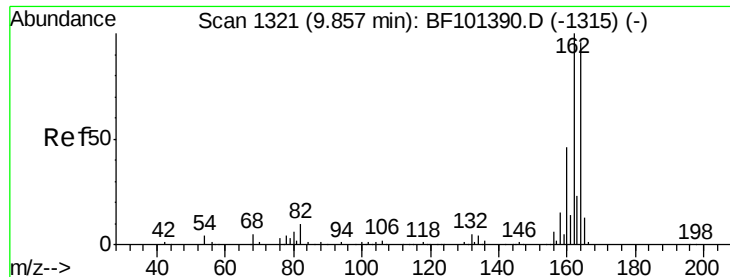
#25
 Isophorone
 Concen: 41.307 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion: 82 Resp: 776135
 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): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

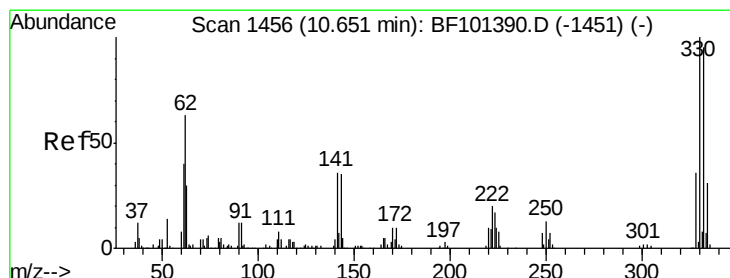
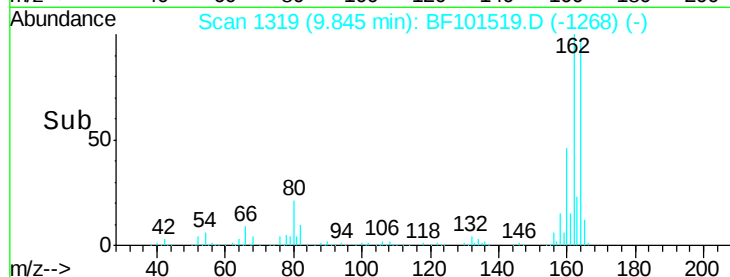
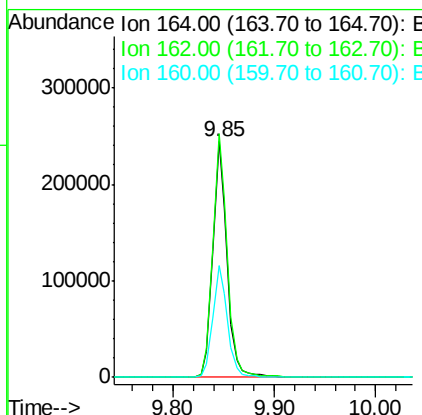
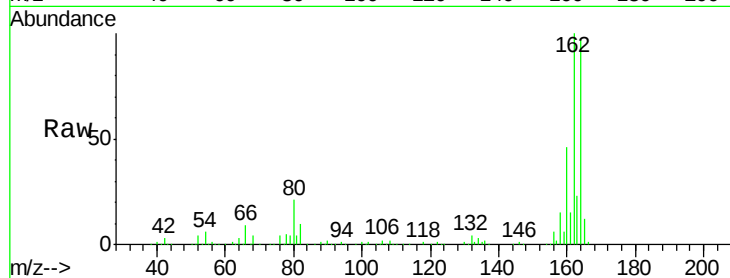




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

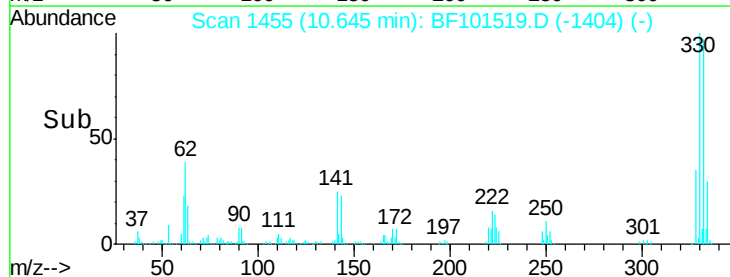
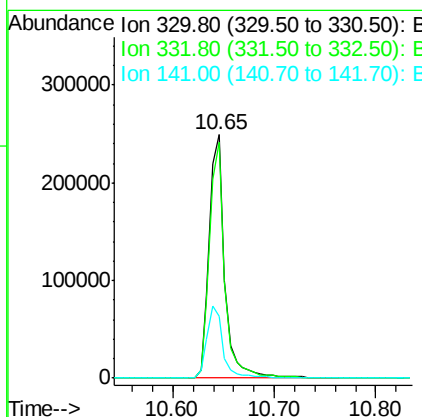
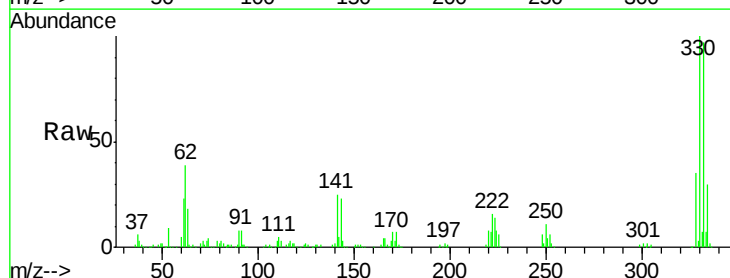
Instrument :
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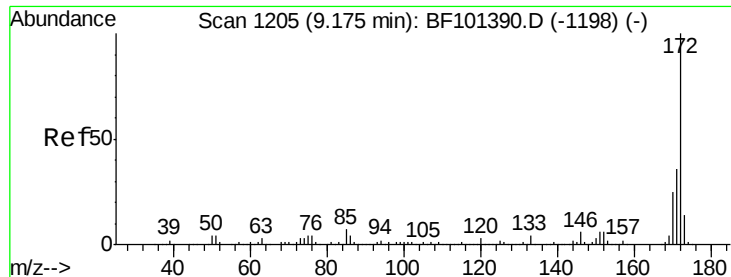
Tgt Ion:164 Resp: 239052
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.300 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:330 Resp: 267892
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 30.6 29.9 44.9

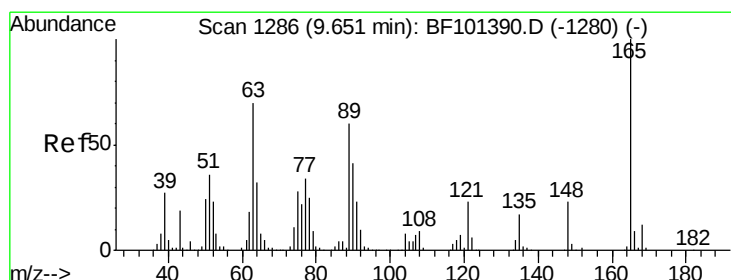
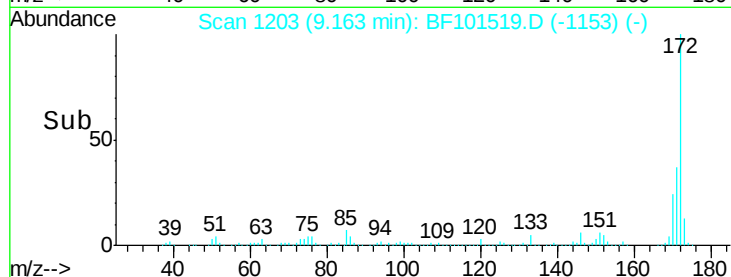
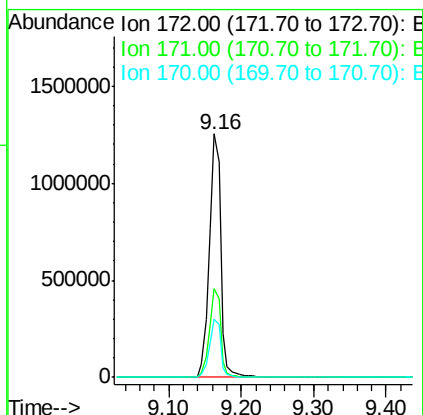
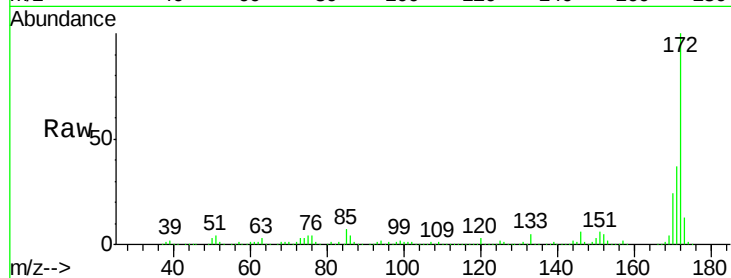




#44
 2-Fluorobiphenyl
 Concen: 89.792 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

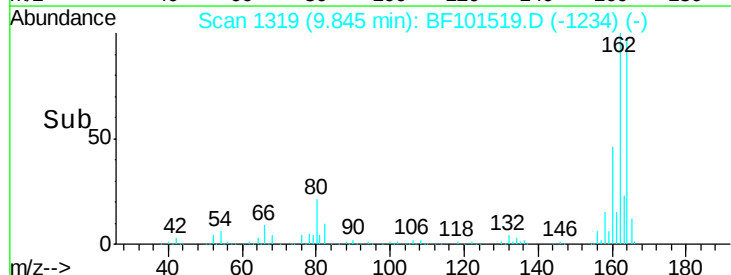
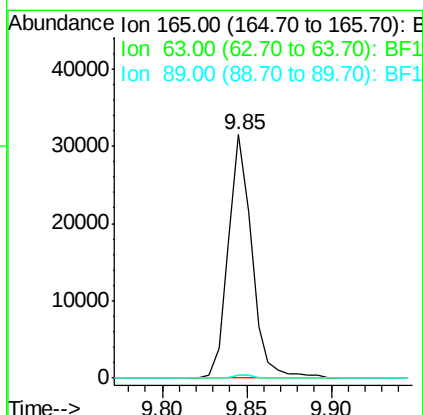
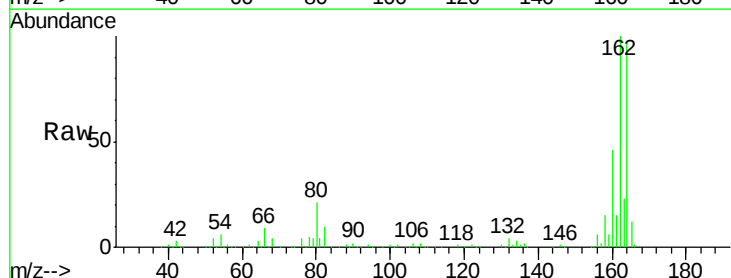
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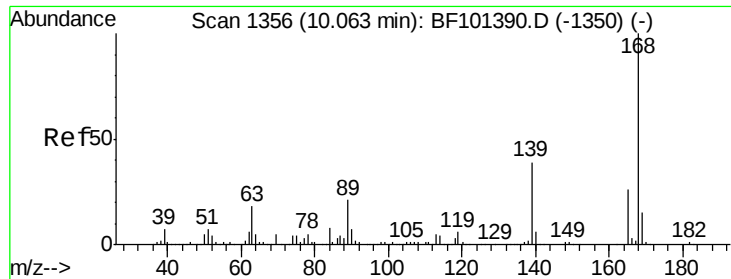
Tgt Ion:172 Resp: 1383735
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.788 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:165 Resp: 30434
 Ion Ratio Lower Upper
 165 100
 63 1.0 44.7 67.1#
 89 1.1 44.0 66.0#

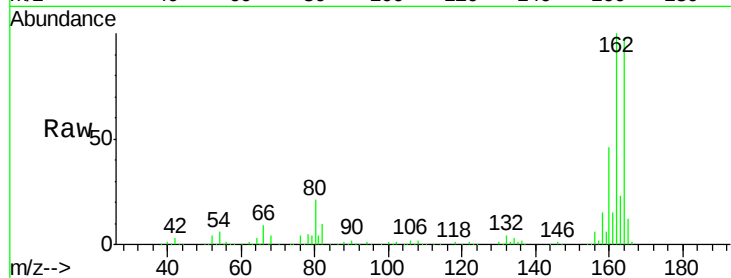




#56
2,4-Dinitrotoluene
Concen: 6.912 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB105116BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

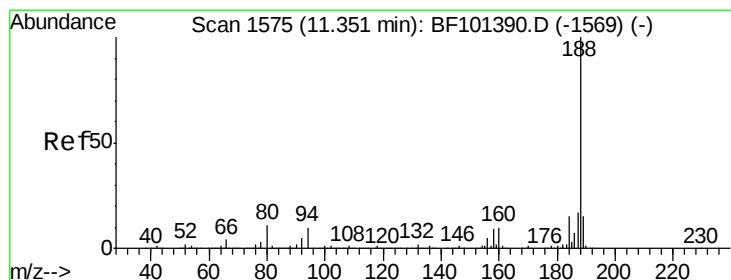
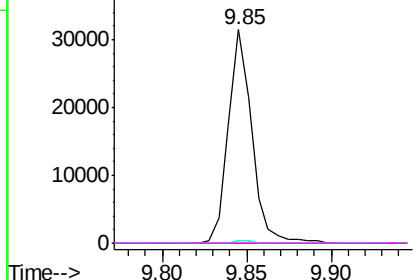
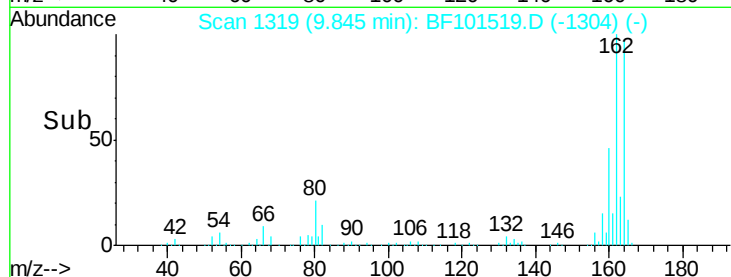


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

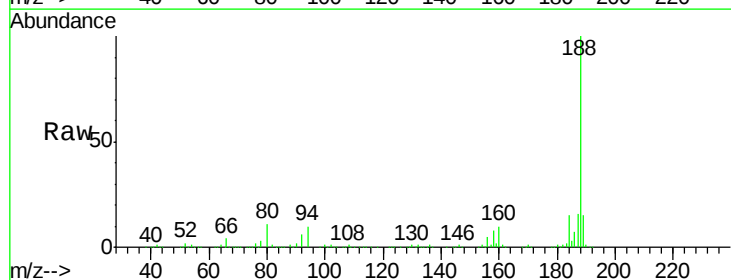
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

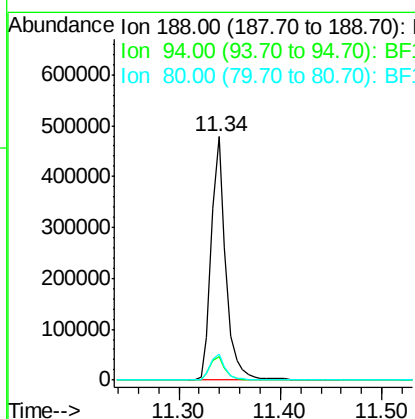
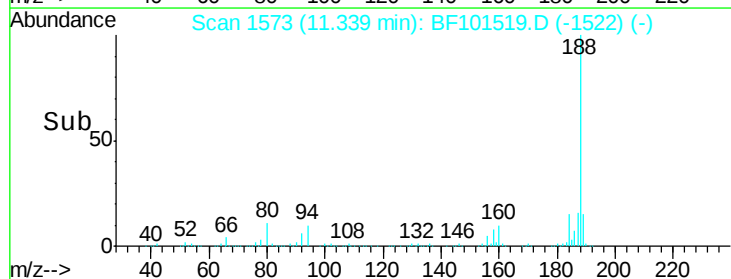
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.8	9.2	13.8

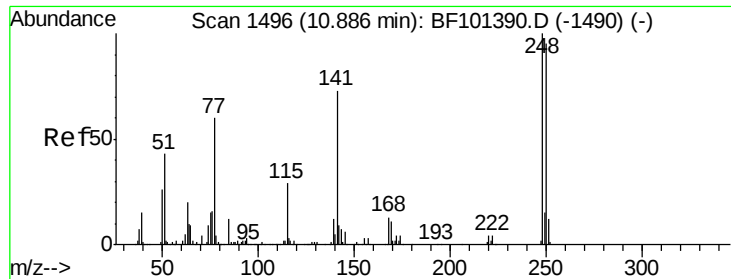


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

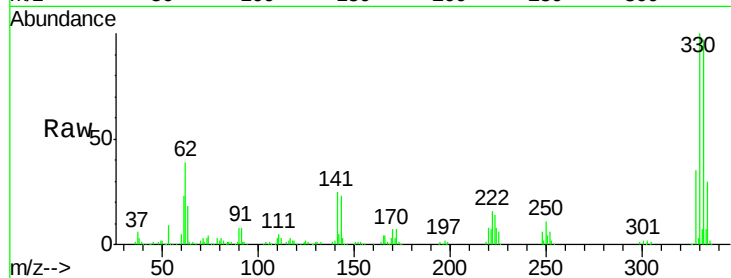




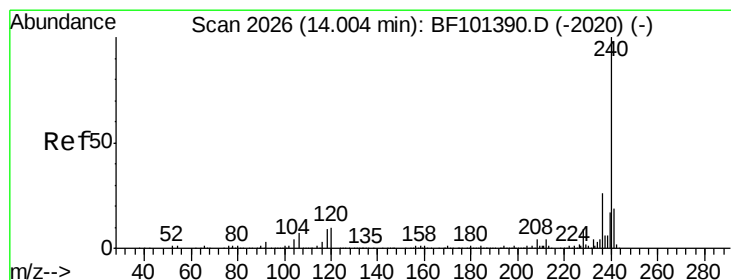
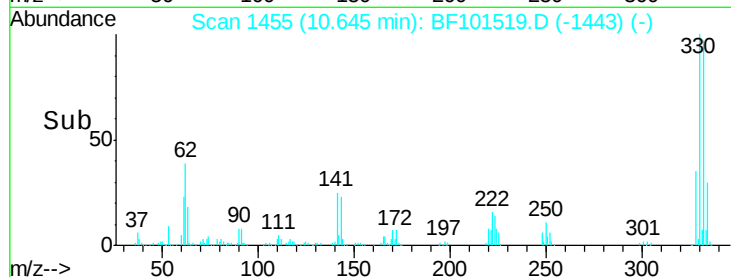
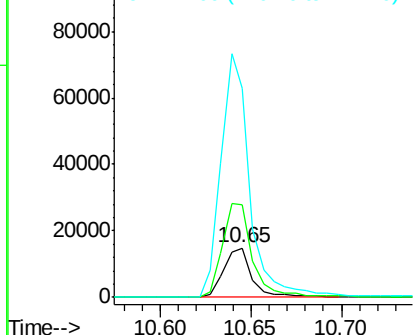
#66
 4-Bromophenyl-phenylether
 Concen: 3.008 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.23 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

Tgt Ion:248 Resp: 16133
 Ion Ratio Lower Upper
 248 100
 250 186.6 76.9 115.3#
 141 424.0 74.4 111.6#

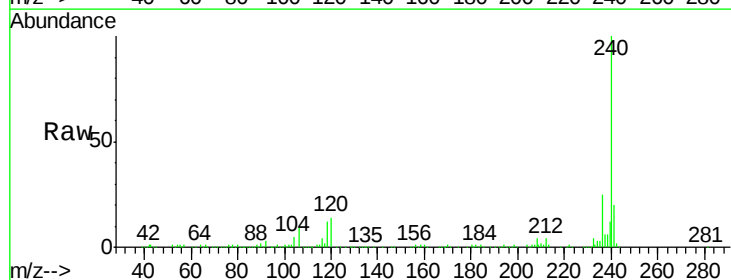


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

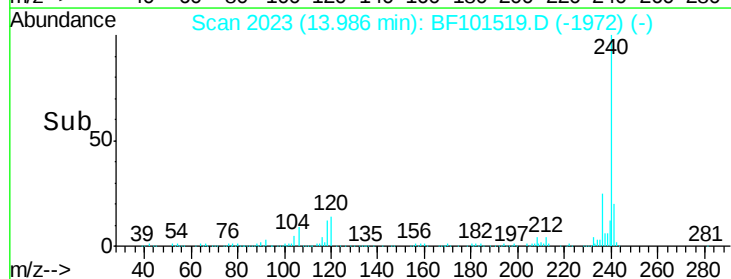
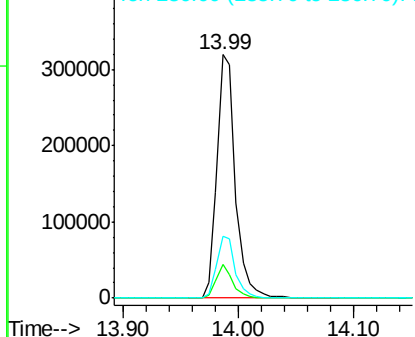


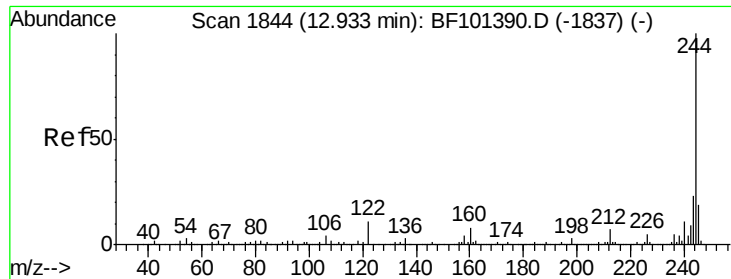
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:240 Resp: 353373
 Ion Ratio Lower Upper
 240 100
 120 13.7 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

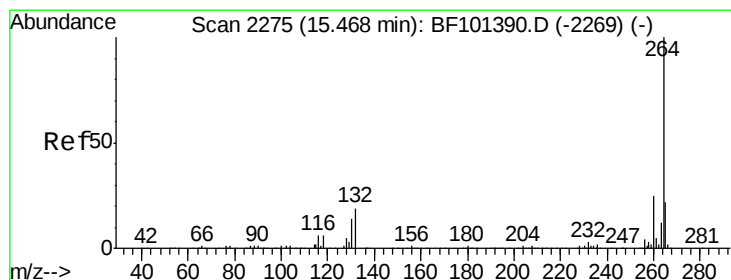
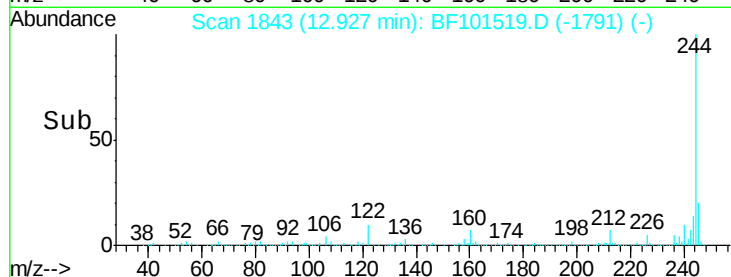
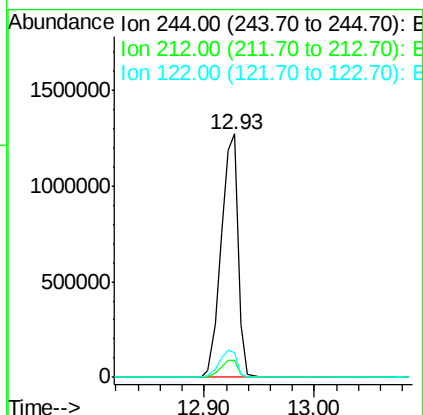
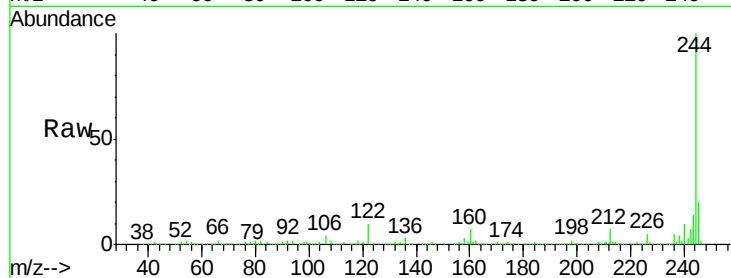




#78
 Terphenyl-d14
 Concen: 92.811 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

Tgt Ion:244 Resp: 1360433
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:264 Resp: 257195
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.5 26.3

