

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121917\
 Data File : BF101523.D
 Acq On : 19 Dec 2017 15:38
 Operator : SJ/JU
 Sample : I6908-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4

Quant Time: Dec 19 16:55:05 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

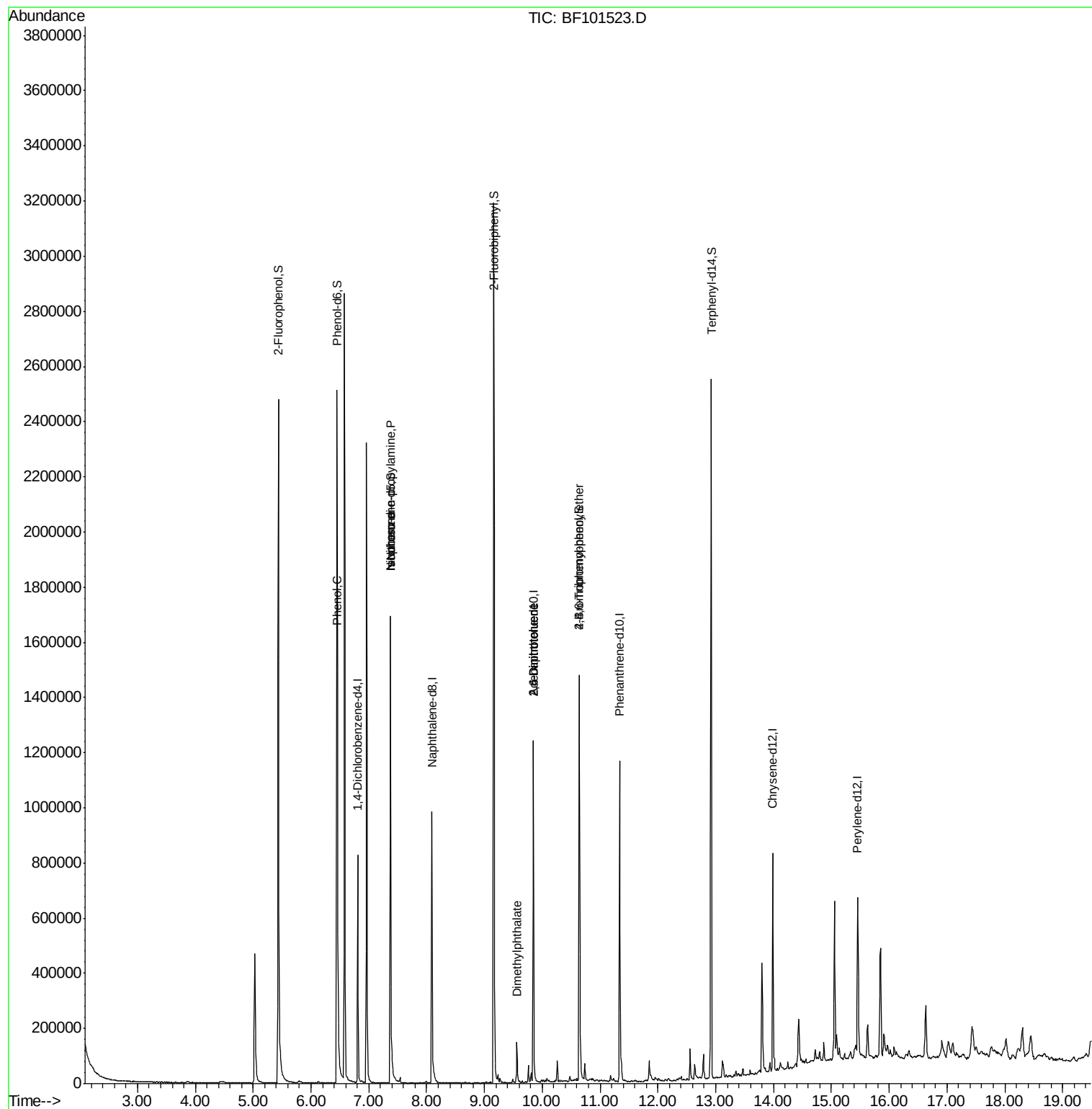
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136368	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	550434	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240048	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	433418	20.00	ng	0.00
75) Chrysene-d12	13.99	240	260010	20.00	ng	0.00
86) Perylene-d12	15.46	264	292123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	812263	88.73	ng	0.01
7) Phenol-d6	6.45	99	979100	85.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	616088	62.31	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	209863	90.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1071908	69.27	ng	0.00
78) Terphenyl-d14	12.92	244	861494	79.88	ng	0.00
Target Compounds						
10) Phenol	6.46	94	46883	3.610	ng	84
19) n-Nitroso-di-n-propylamine	7.37	70	80732	10.790	ng	# 82
25) Isophorone	7.37	82	616085	31.058	ng	# 64
49) Dimethylphthalate	9.56	163	65877	3.412	ng	99
50) 2,6-Dinitrotoluene	9.85	165	30989	7.897	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	30989	7.009	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	13078	2.685	ng	# 1

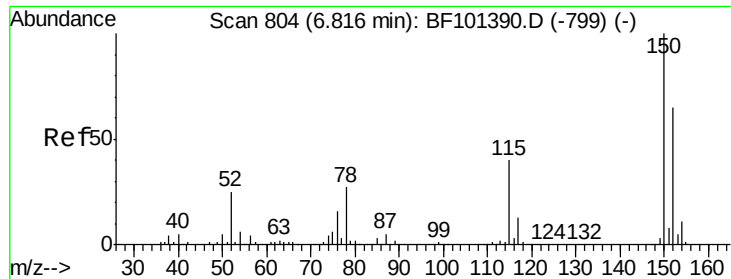
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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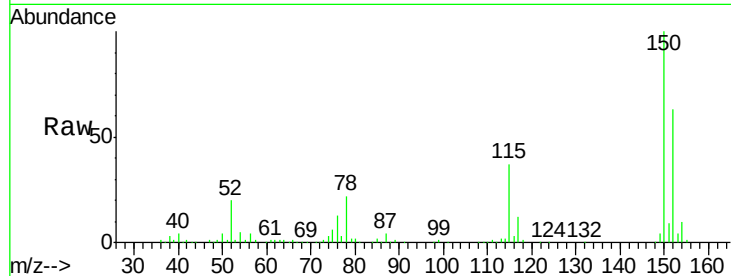




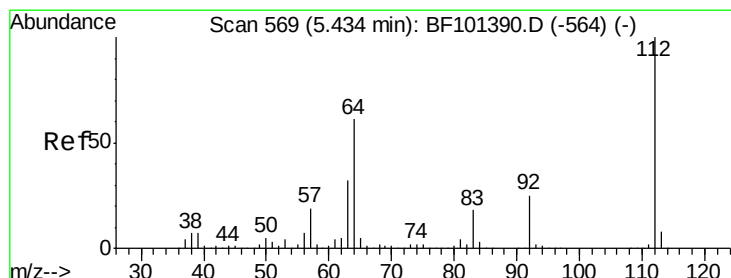
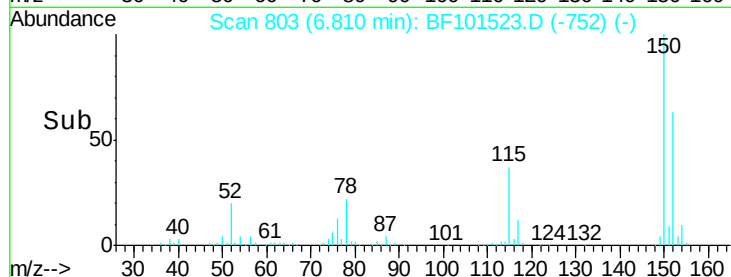
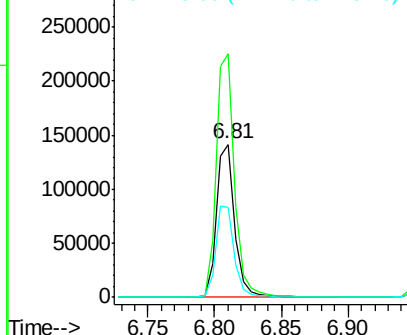
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 4

Tgt Ion:152 Resp: 136368
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 58.5 50.1 75.1

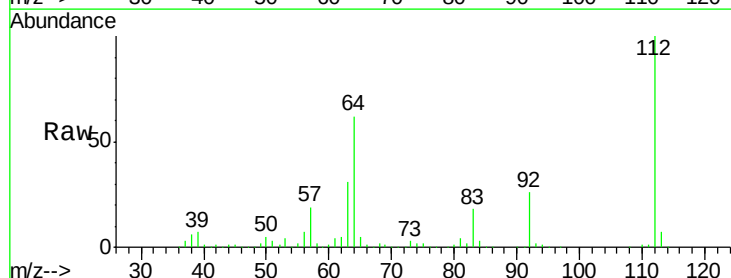


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

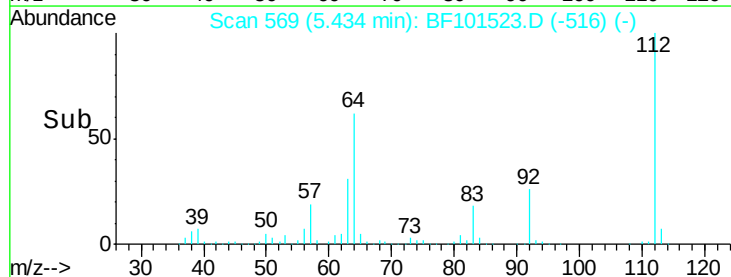
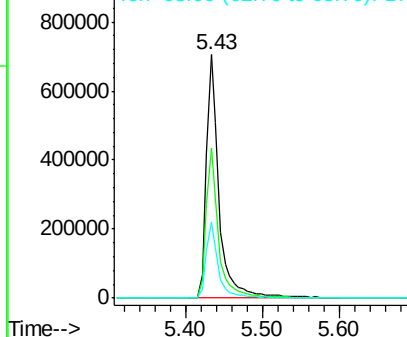


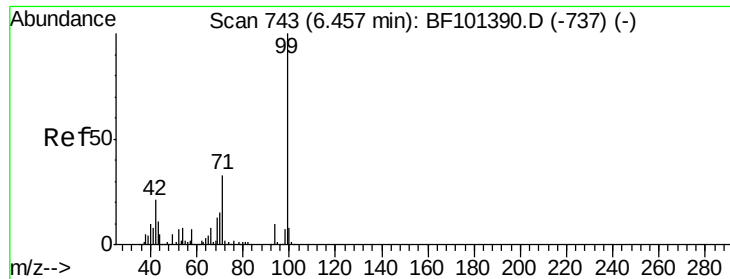
#5
 2-Fluorophenol
 Concen: 88.725 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Tgt Ion:112 Resp: 812263
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.9 71.9
 63 31.4 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: 85.935 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

Instrument :

BNA_F

ClientSampled :

4

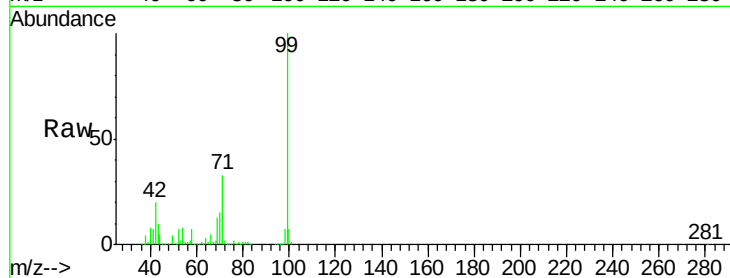
Tgt Ion: 99 Resp: 979100

Ion Ratio Lower Upper

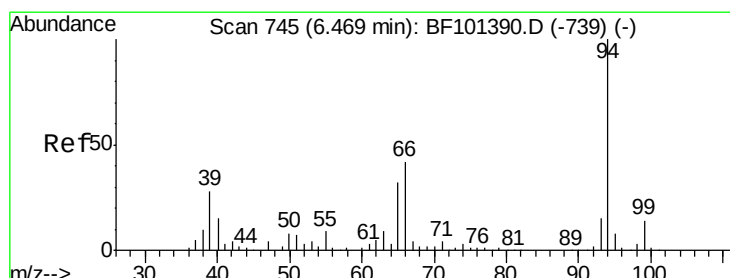
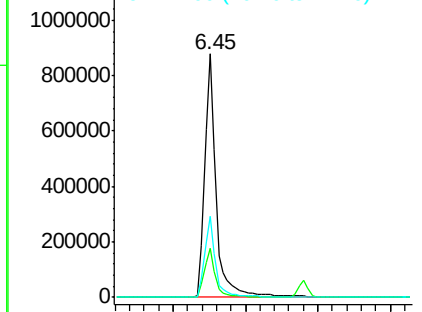
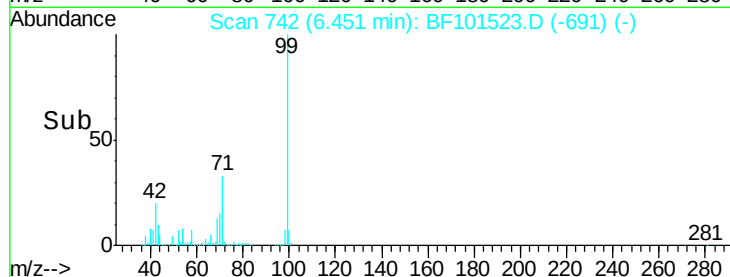
99 100

42 20.4 14.5 21.7

71 33.4 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: 3.610 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

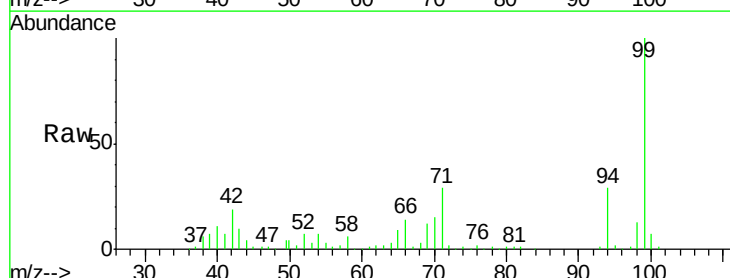
Tgt Ion: 94 Resp: 46883

Ion Ratio Lower Upper

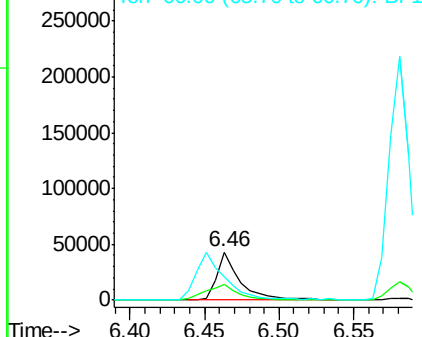
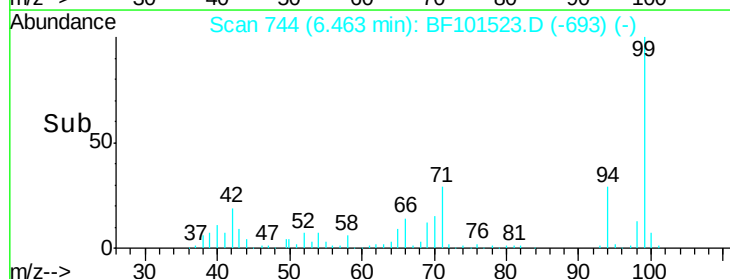
94 100

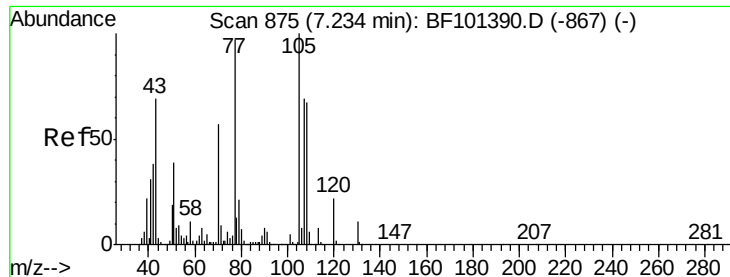
65 31.9 7.9 47.9

66 49.2 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

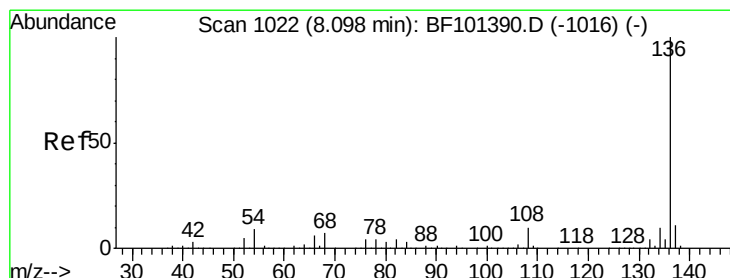
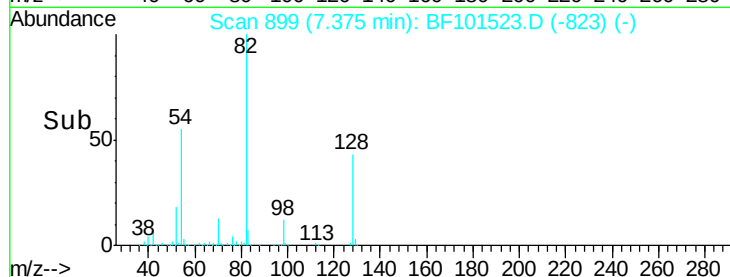
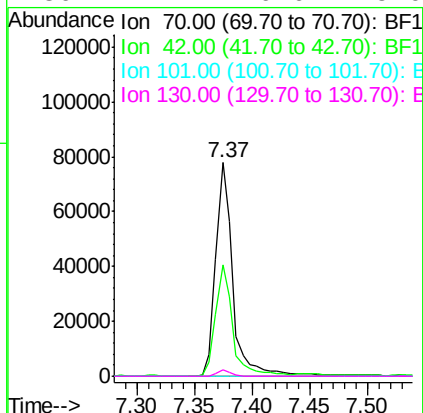
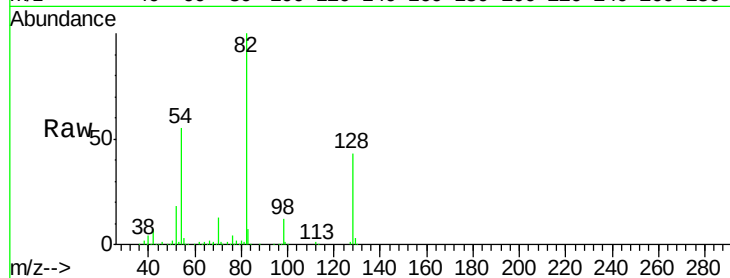




#19
n-Nitroso-di-n-propylamine
Concen: 10.790 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

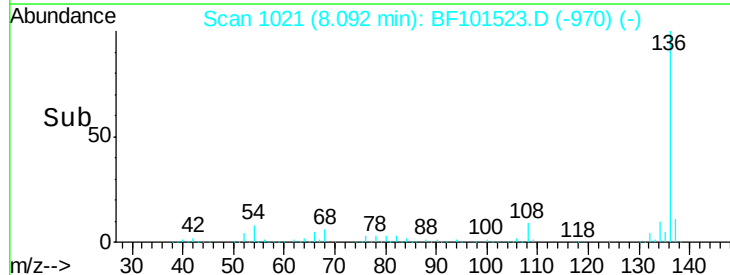
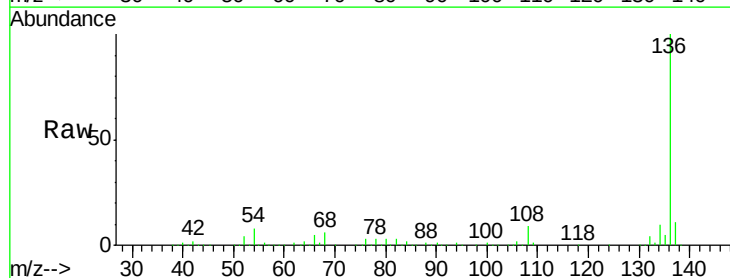
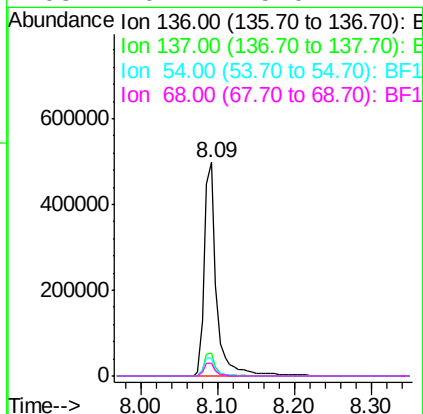
Instrument :
BNA_F
ClientSampled :
4

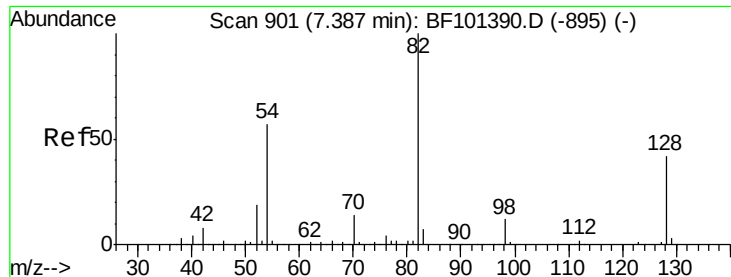
Tgt Ion: 70 Resp: 80732
Ion Ratio Lower Upper
70 100
42 52.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Tgt Ion: 136 Resp: 550434
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.3 6.6 9.8
68 6.1 5.0 7.4

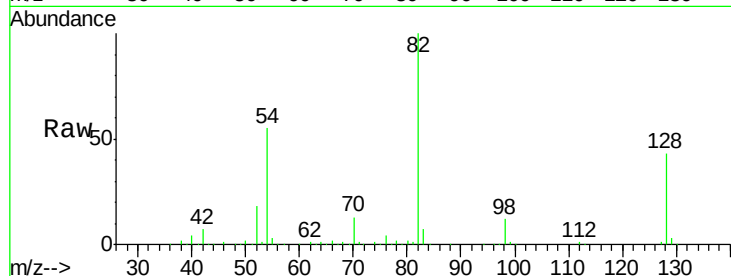




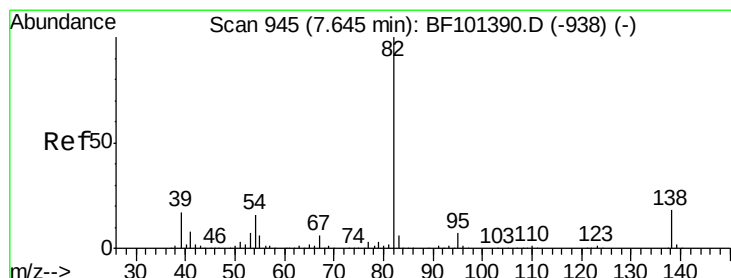
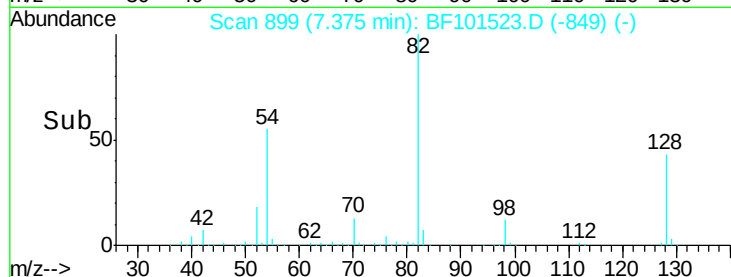
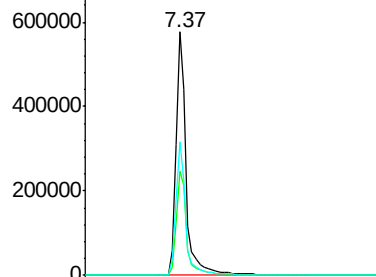
#23
 Nitrobenzene-d5
 Concen: 62.305 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	54.8	41.4	62.2

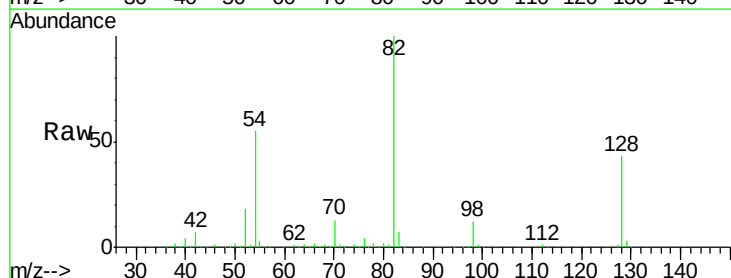


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

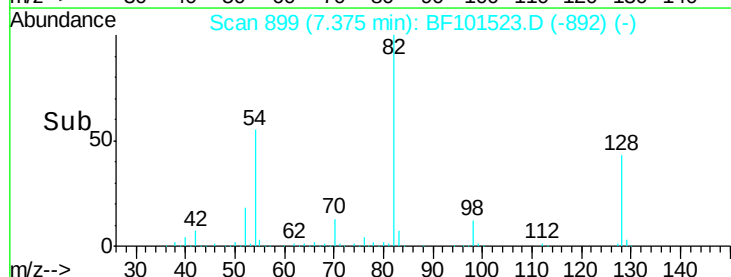
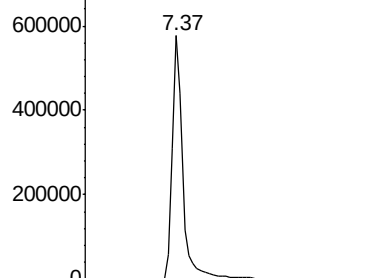


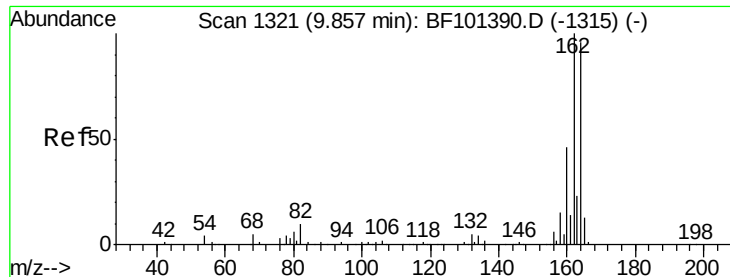
#25
 Isophorone
 Concen: 31.058 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Tgt 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: BF101523.D

Acq: 19 Dec 2017 15:38

Instrument :

BNA_F

ClientSampleId :

4

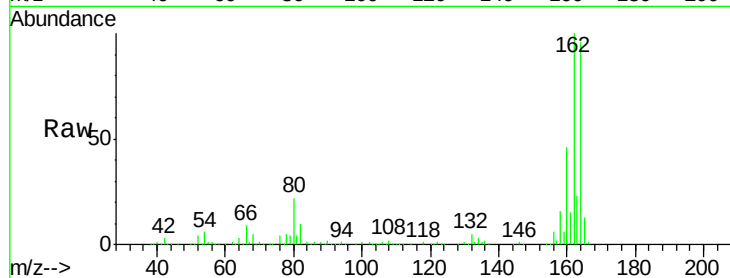
Tgt Ion:164 Resp: 240048

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

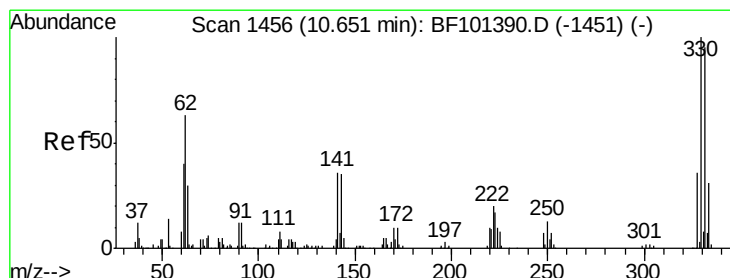
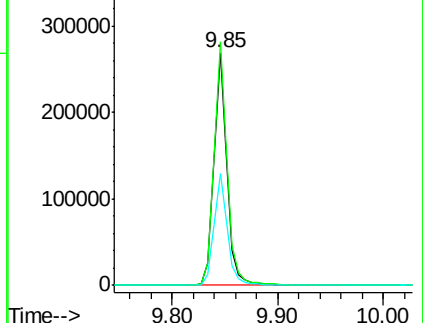
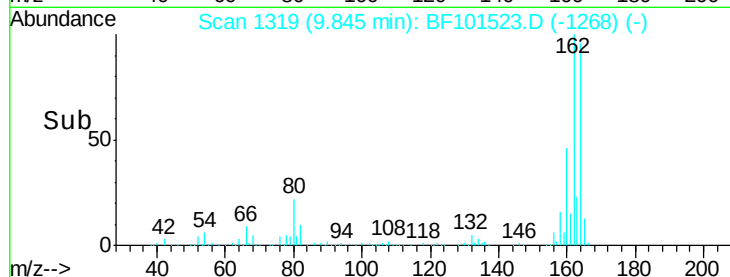
160 48.3 38.3 57.5



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: 90.730 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

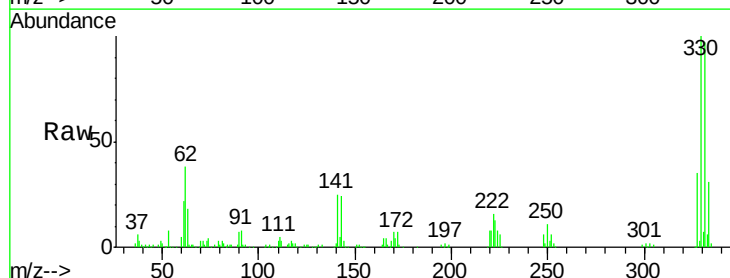
Tgt Ion:330 Resp: 209863

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

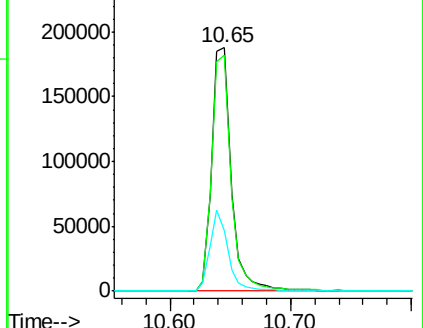
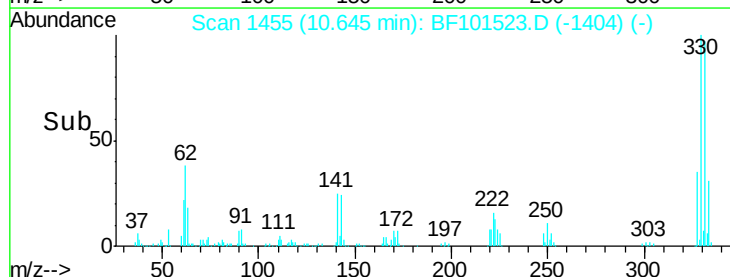
141 31.4 29.9 44.9

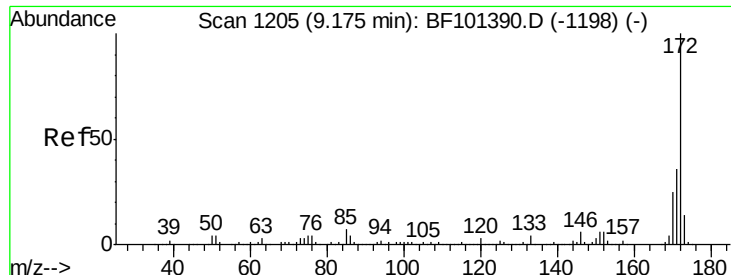


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

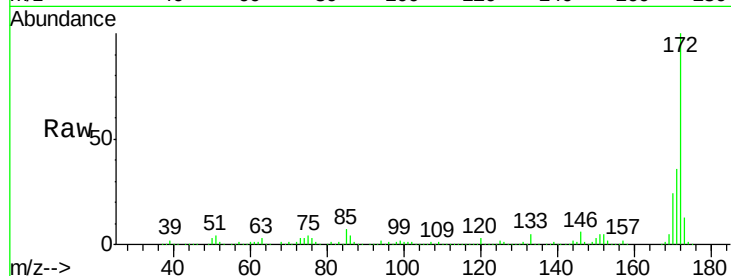




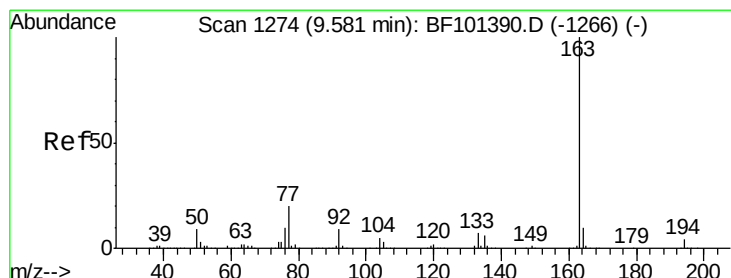
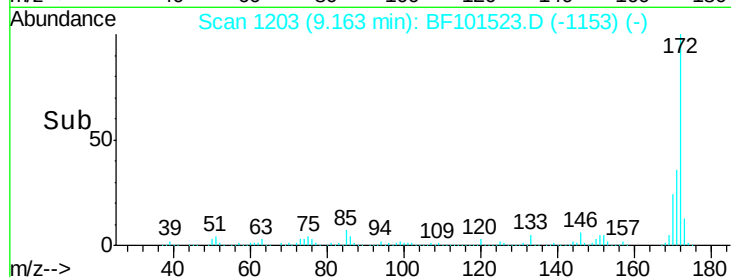
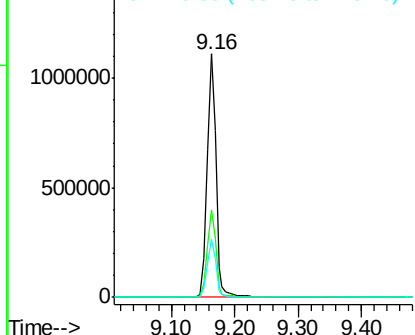
#44
2-Fluorobiphenyl
Concen: 69.269 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Instrument :
BNA_F
ClientSampled :
4

Tgt Ion:172 Resp: 1071908
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.6 19.6 29.4

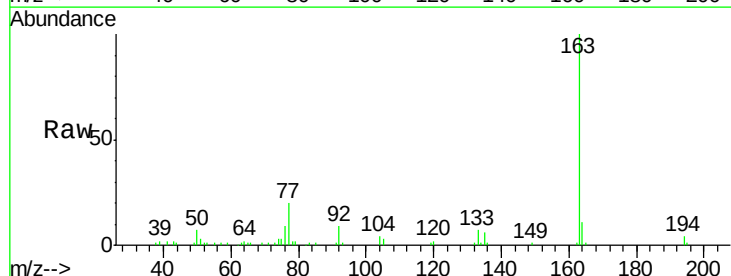


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

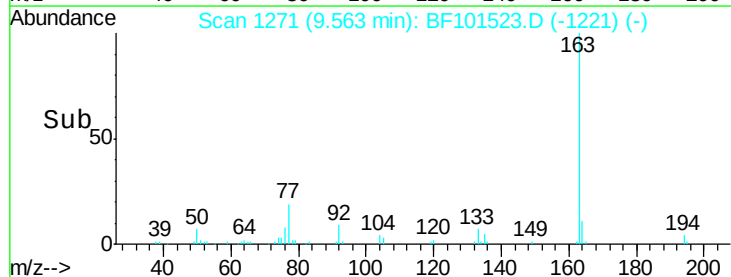
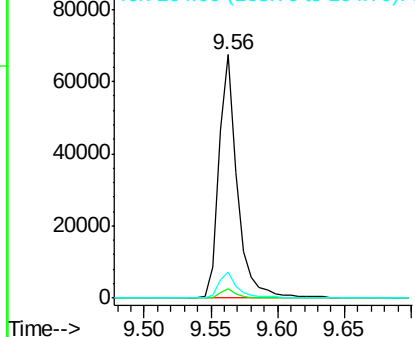


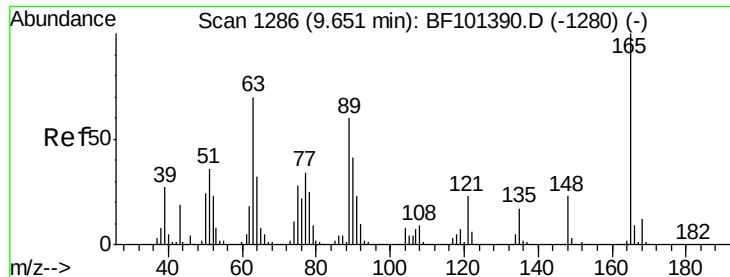
#49
Dimethylphthalate
Concen: 3.412 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Tgt Ion:163 Resp: 65877
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 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

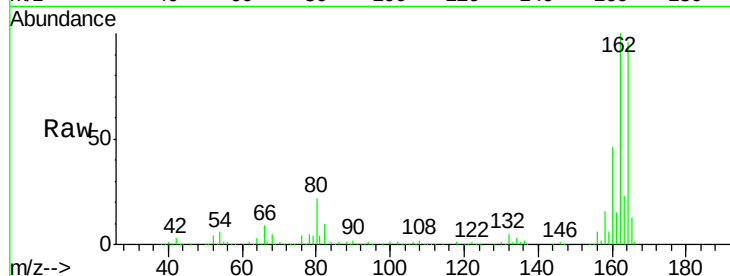




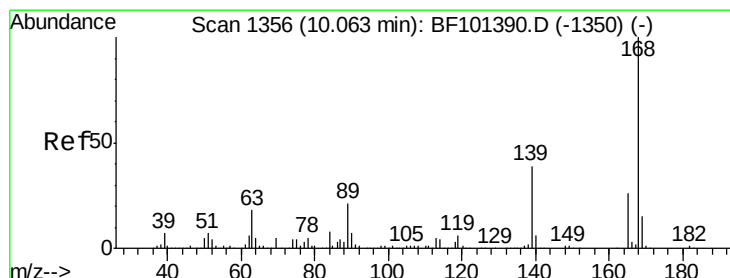
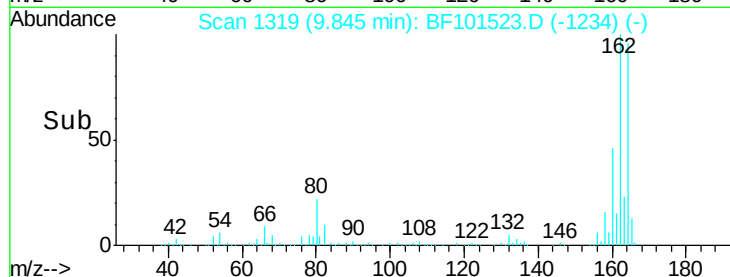
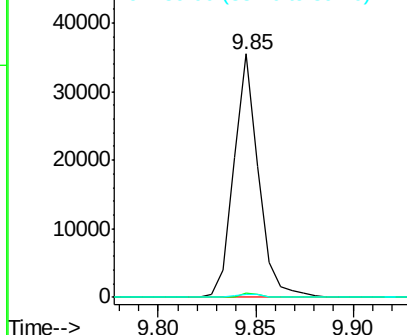
#50
 2,6-Dinitrotoluene
 Concen: 7.897 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.3	44.0	66.0#

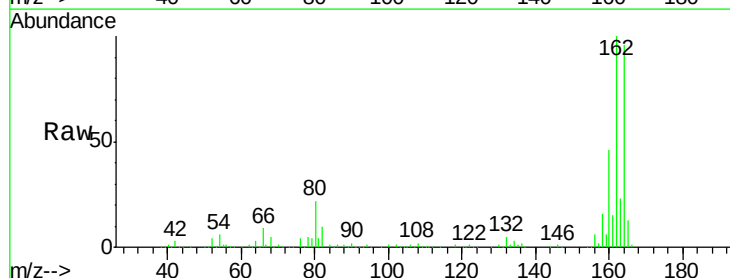


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

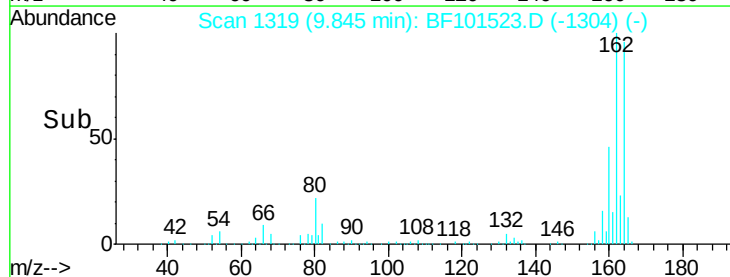
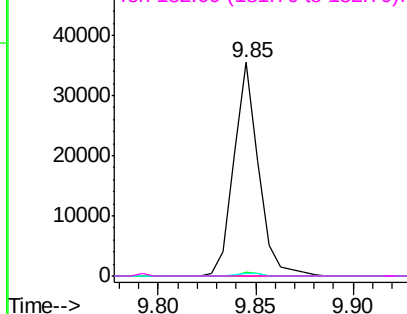


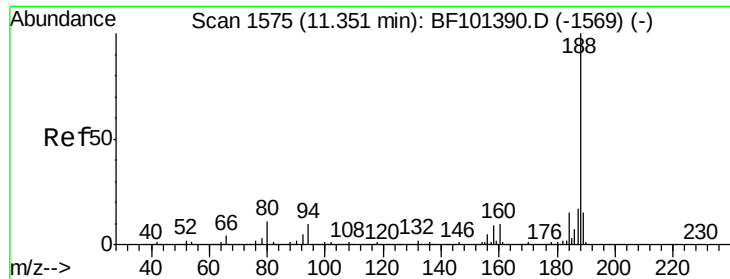
#56
 2,4-Dinitrotoluene
 Concen: 7.009 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.3	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

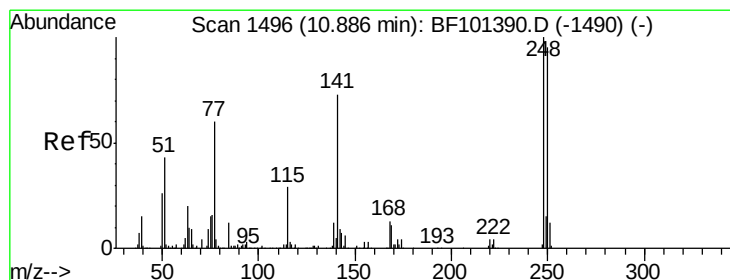
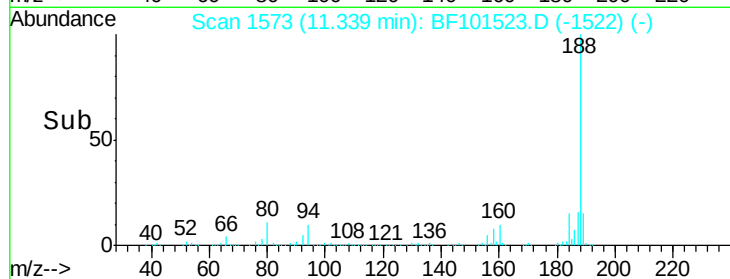
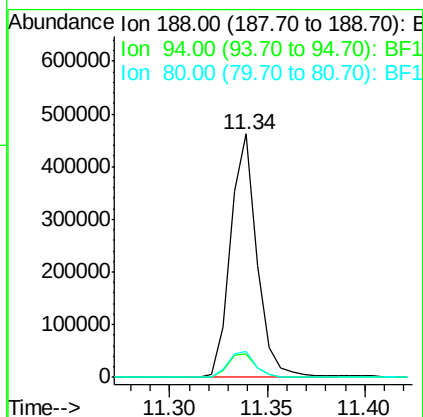
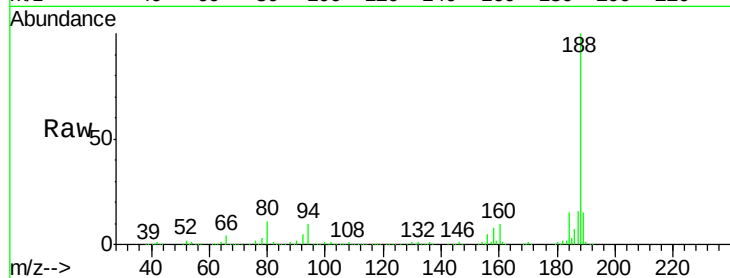




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

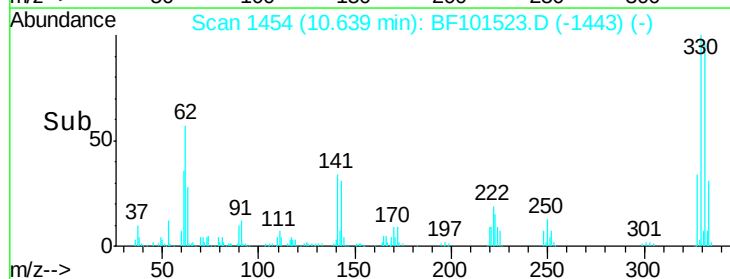
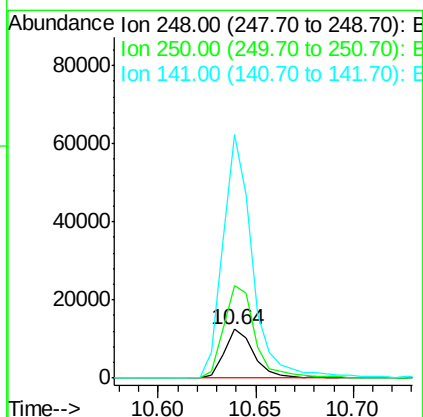
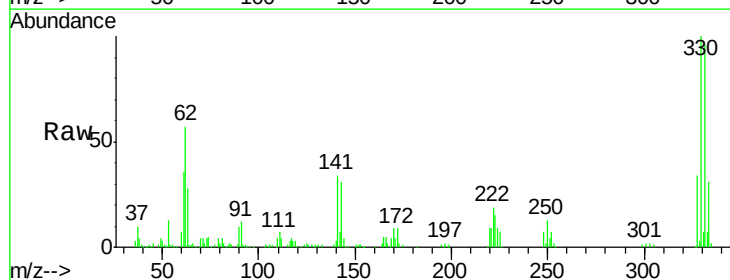
Instrument :
 BNA_F
 ClientSampleId :
 4

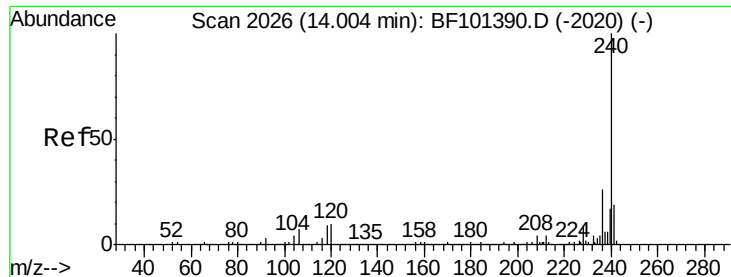
Tgt Ion:188 Resp: 433418
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.7 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.685 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Tgt Ion:248 Resp: 13078
 Ion Ratio Lower Upper
 248 100
 250 189.2 76.9 115.3#
 141 500.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

Instrument :

BNA_F

ClientSampleId :

4

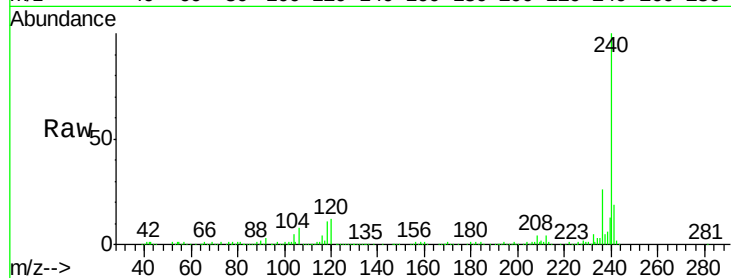
Tgt Ion:240 Resp: 260010

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

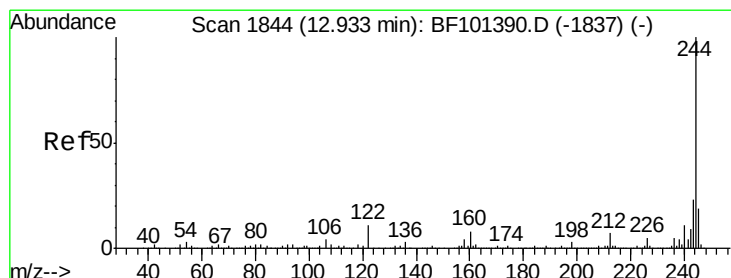
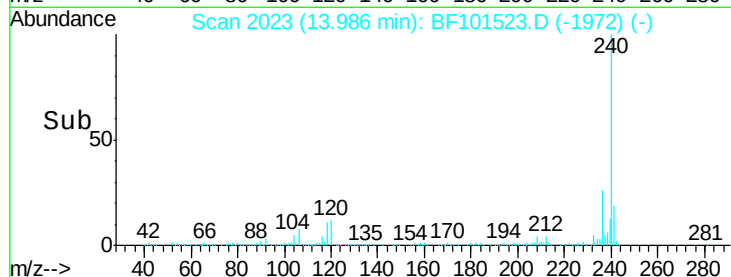
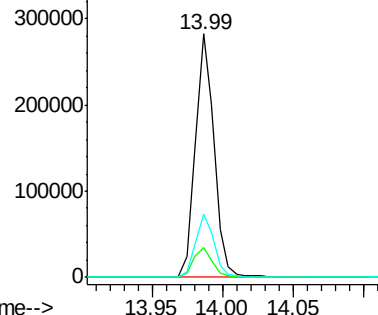
236 25.8 20.7 31.1



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: 79.876 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

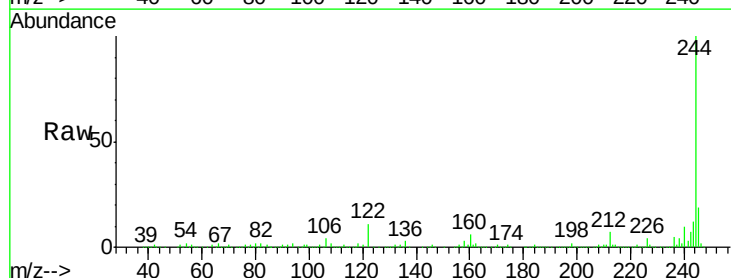
Tgt Ion:244 Resp: 861494

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

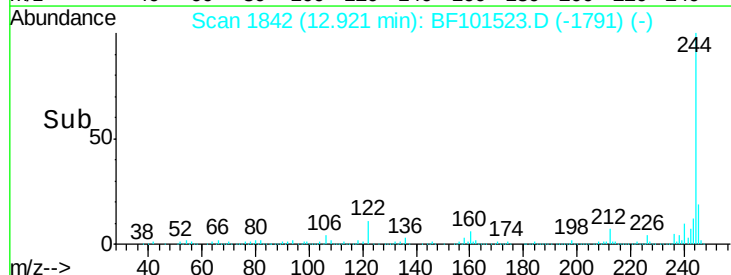
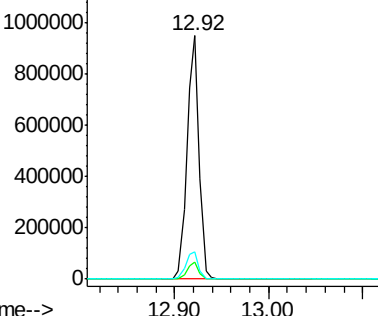
122 11.0 11.0 16.4

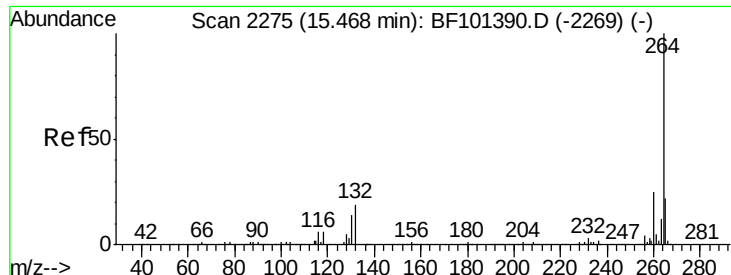


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Instrument :
BNA_F
ClientSampleId :
4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

