

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101462.D
 Acq On : 15 Dec 2017 23:55
 Operator : SJ/JU
 Sample : I6888-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 02:28:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

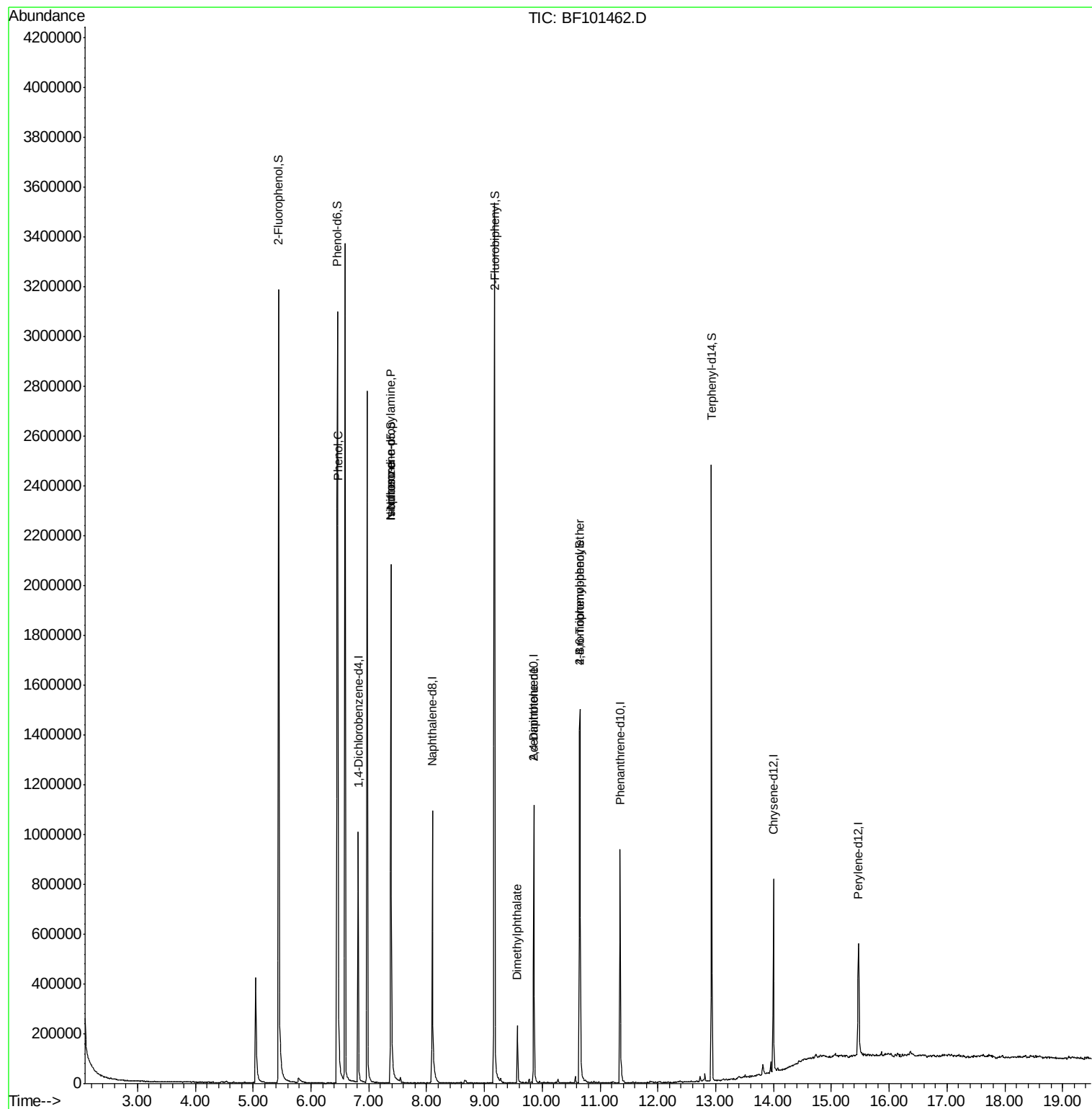
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152200	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	592244	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	235512	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	388849	20.00	ng	0.00
75) Chrysene-d12	14.00	240	285786	20.00	ng	0.00
86) Perylene-d12	15.47	264	250897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1075027	105.21	ng	0.01
7) Phenol-d6	6.46	99	1299456	102.19	ng	0.00
23) Nitrobenzene-d5	7.39	82	794003	74.63	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	220170	97.02	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1233891	81.27	ng	0.00
78) Terphenyl-d14	12.93	244	880012	74.23	ng	0.00
Target Compounds						
10) Phenol	6.47	94	67737	4.674	ng	91
19) n-Nitroso-di-n-propylamine	7.39	70	103197	12.357	ng	# 80
25) Isophorone	7.39	82	793999	37.202	ng	# 64
49) Dimethylphthalate	9.57	163	115418	6.093	ng	99
56) 2,4-Dinitrotoluene	9.85	165	29577	6.818	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	14391	3.294	ng	# 1

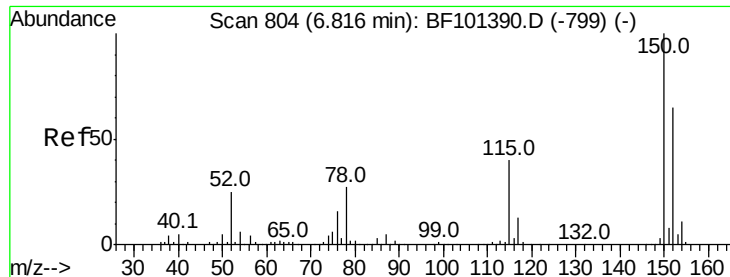
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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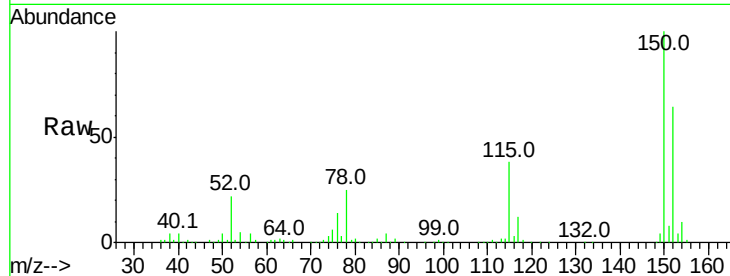


#1

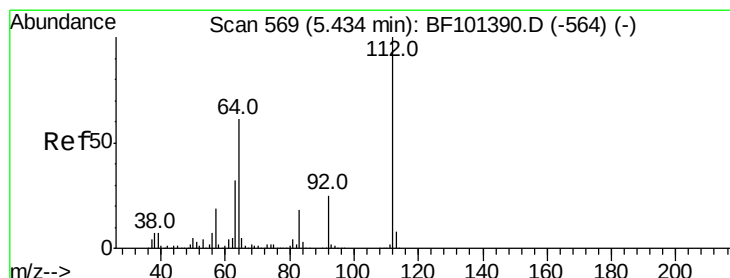
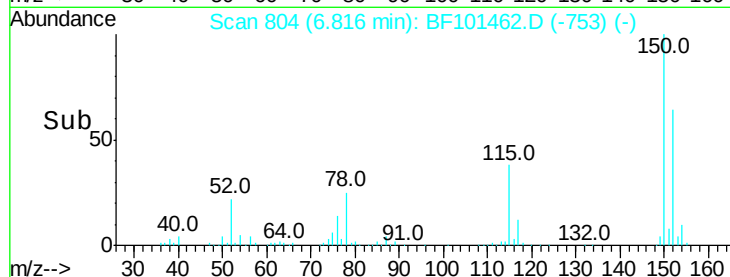
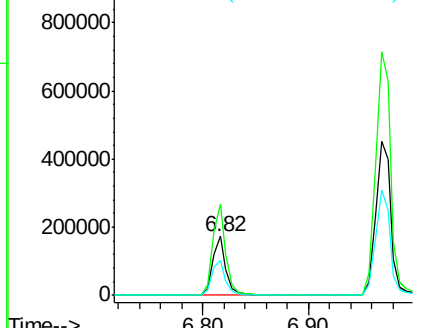
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101462.D
Acq: 15 Dec 2017 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 152200
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 58.4 50.1 75.1



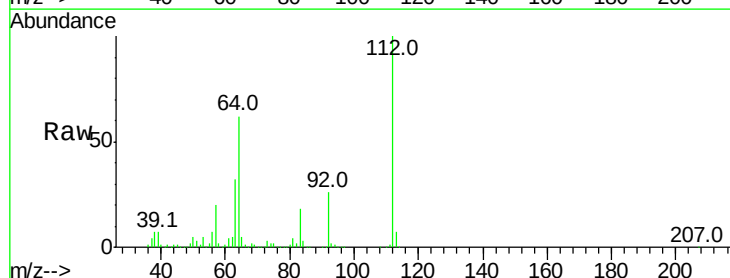
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



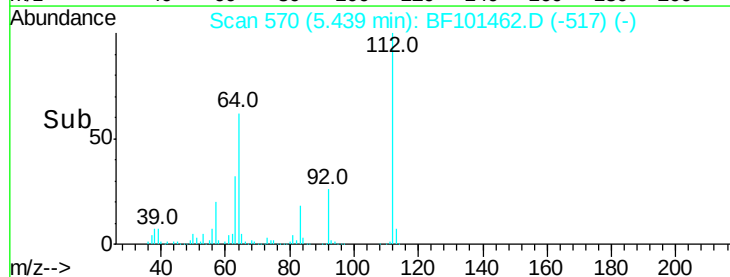
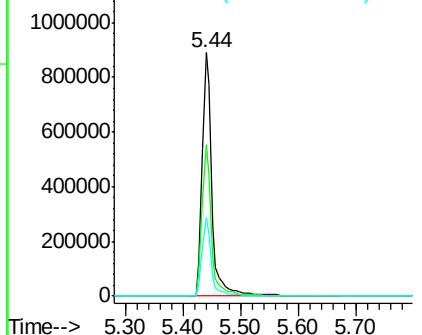
#5

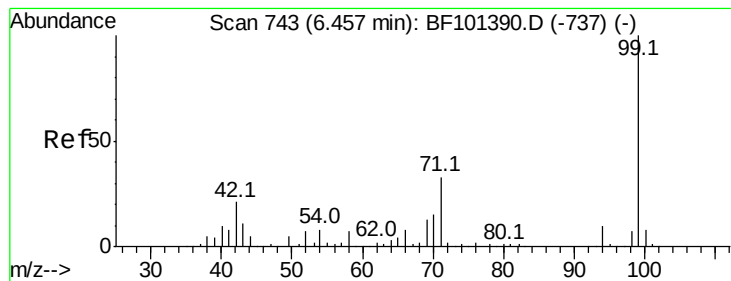
2-Fluorophenol
Concen: 105.213 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101462.D
Acq: 15 Dec 2017 23:55

Tgt Ion:112 Resp: 1075027
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 32.5 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: 102.189 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101462.D

Acq: 15 Dec 2017 23:55

Instrument :

BNA_F

ClientSampleId :

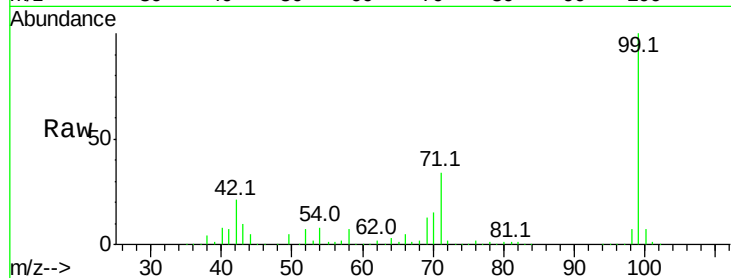
Tot Ion: 99 Resp: 1299456

Ion Ratio Lower Upper

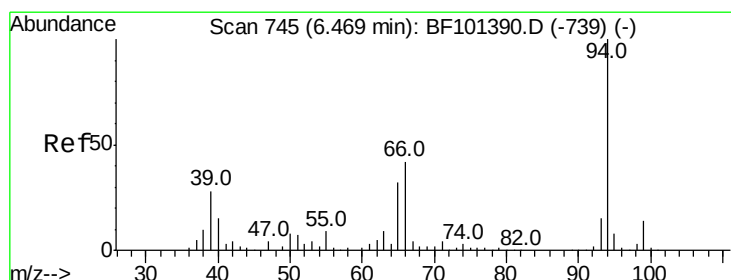
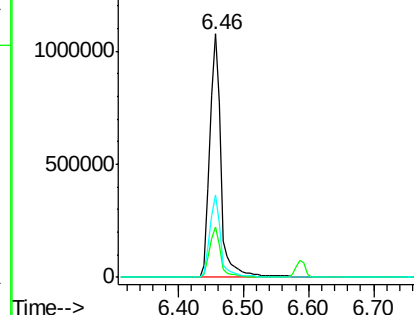
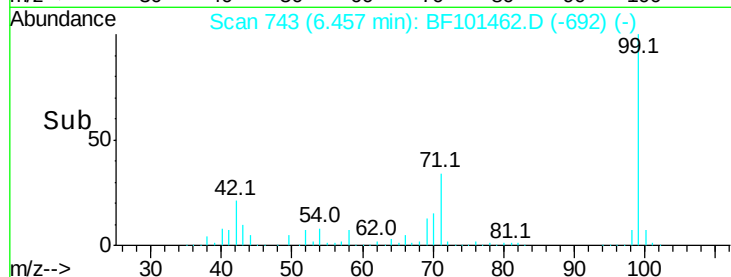
99 100

42 20.7 14.5 21.7

71 33.8 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: 4.674 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF101462.D

Acq: 15 Dec 2017 23:55

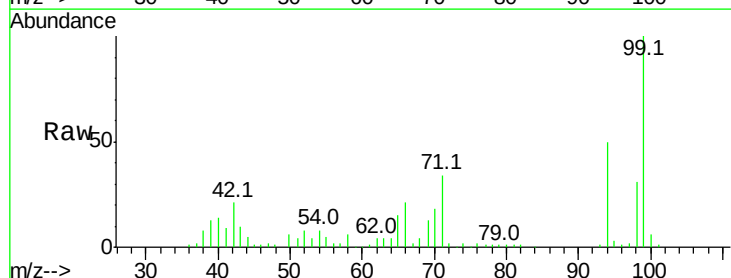
Tgt Ion: 94 Resp: 67737

Ion Ratio Lower Upper

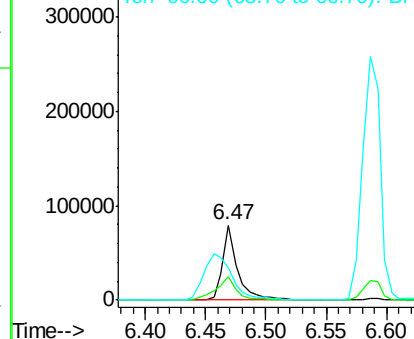
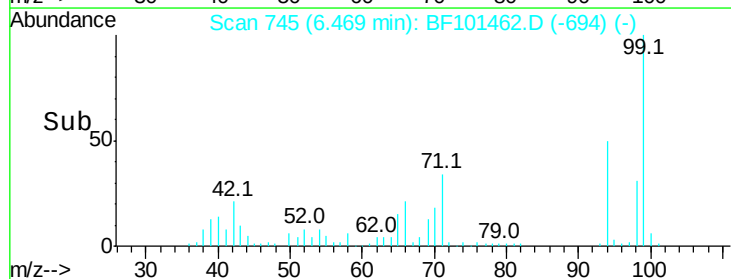
94 100

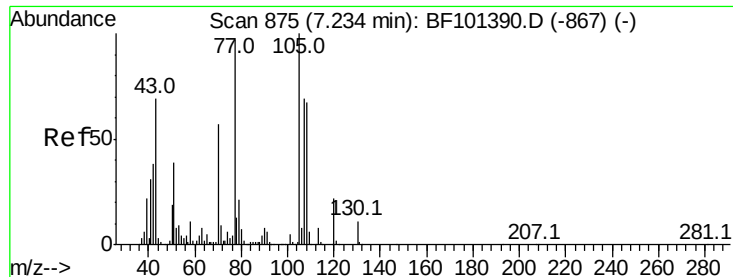
65 30.7 7.9 47.9

66 43.2 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

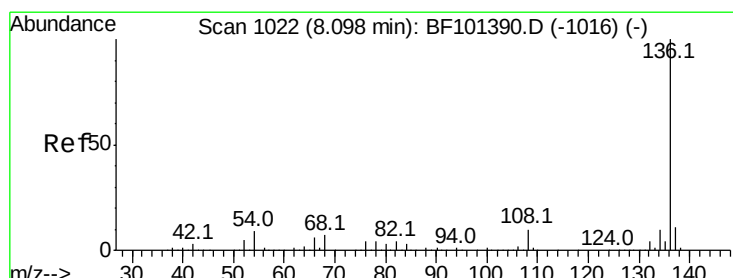
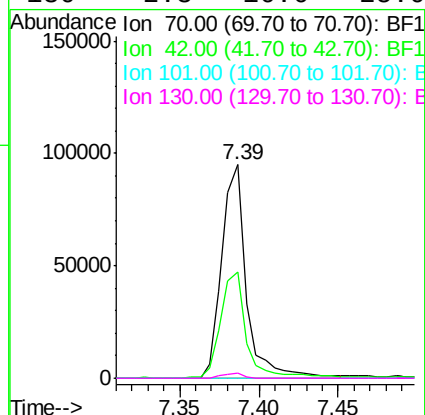
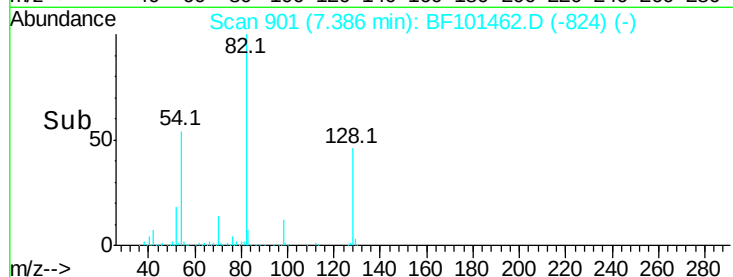
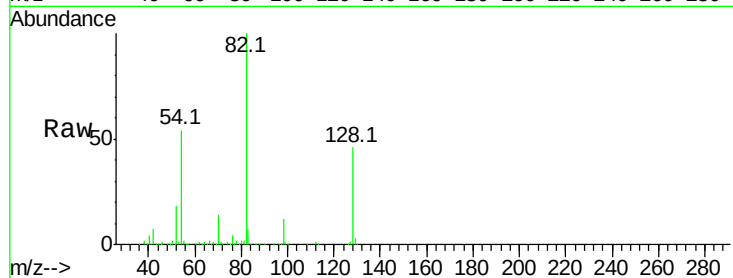




#19
n-Nitroso-di-n-propylamine
Concen: 12.357 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101462.D
Acq: 15 Dec 2017 23:55

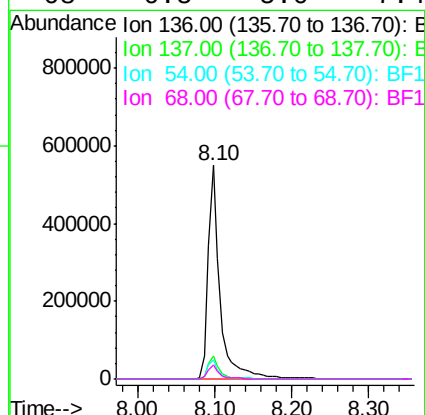
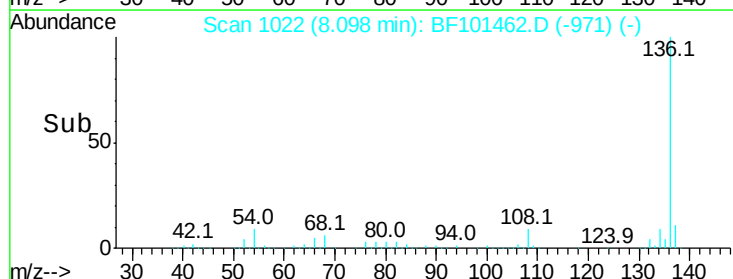
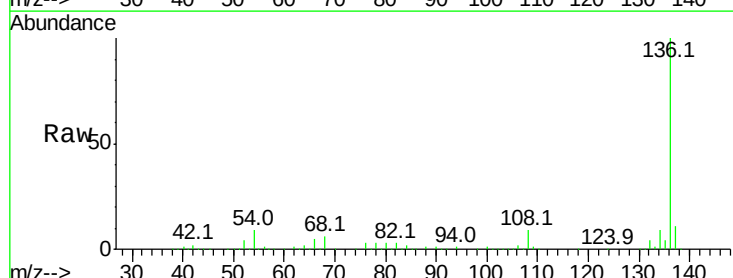
Instrument :
BNA_F
ClientSampleId :

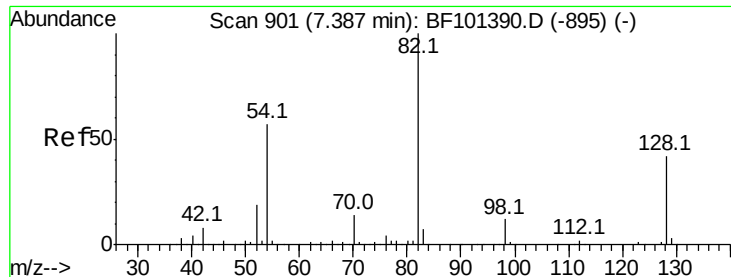
Tot Ion: 70 Resp: 103197
Ion Ratio Lower Upper
70 100
42 49.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101462.D
Acq: 15 Dec 2017 23:55

Tgt Ion: 136 Resp: 592244
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.7 6.6 9.8
68 6.5 5.0 7.4

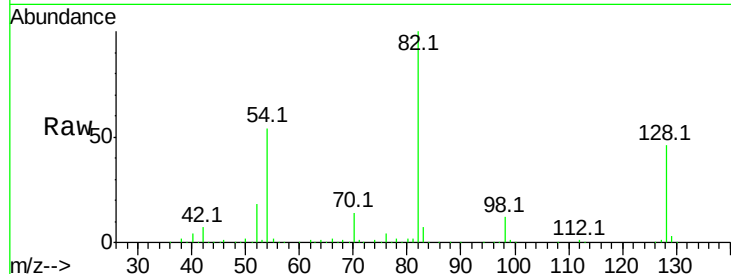




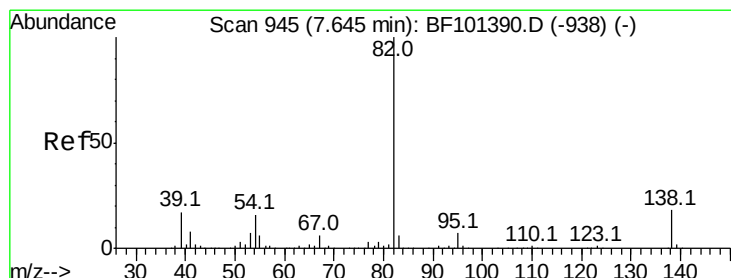
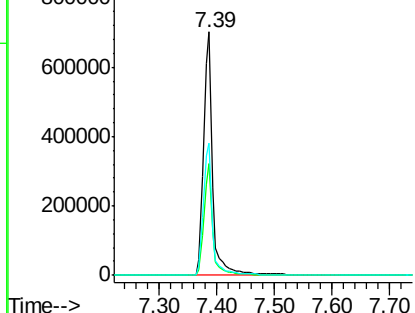
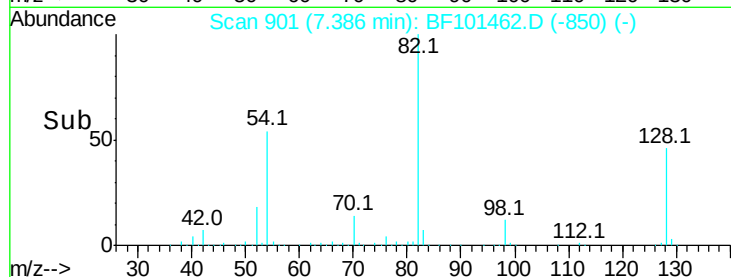
#23
 Nitrobenzene-d5
 Concen: 74.629 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	794003
Ion Ratio	100	Lower	Upper
128	45.9	36.1	54.1
54	54.3	41.4	62.2

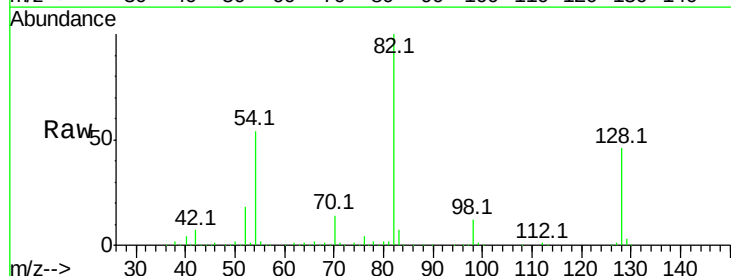


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

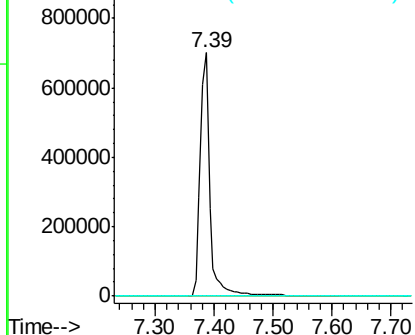
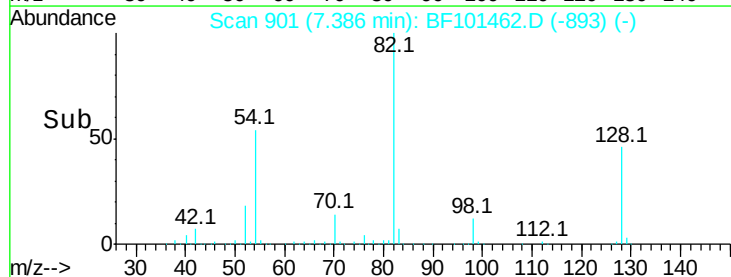


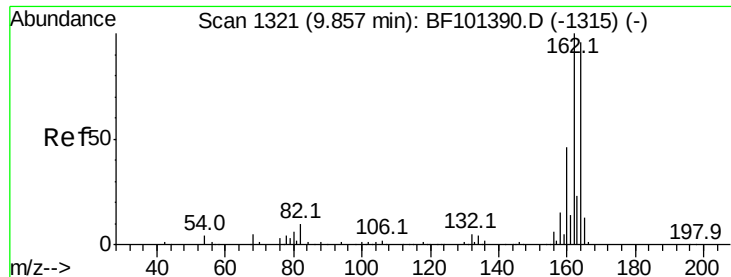
#25
 Isophorone
 Concen: 37.202 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.25 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Tgt Ion	82	Resp	793999
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

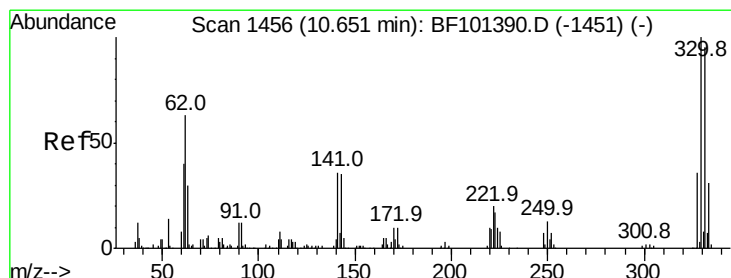
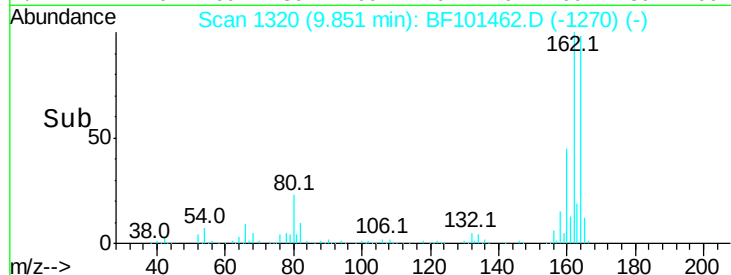
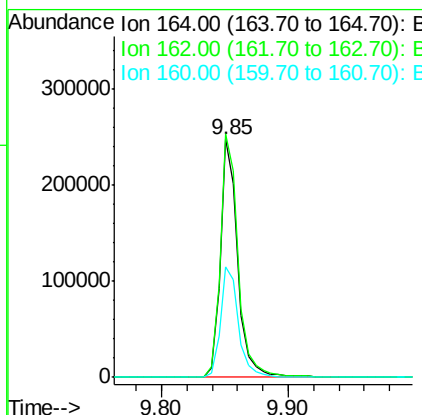
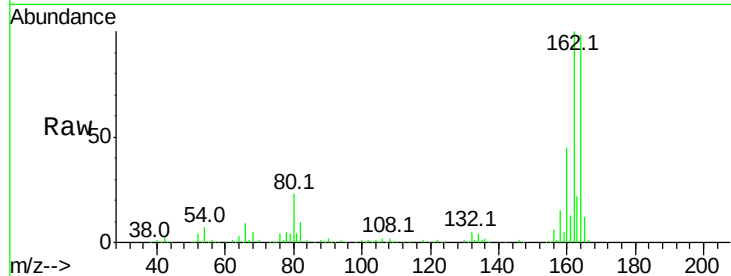




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

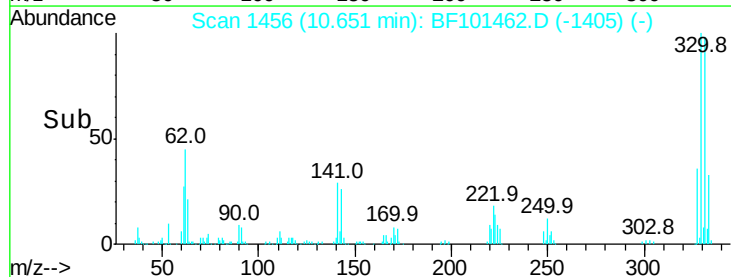
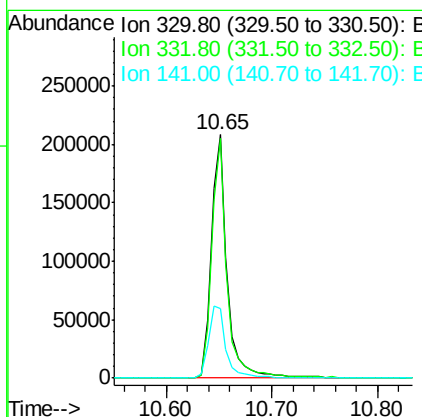
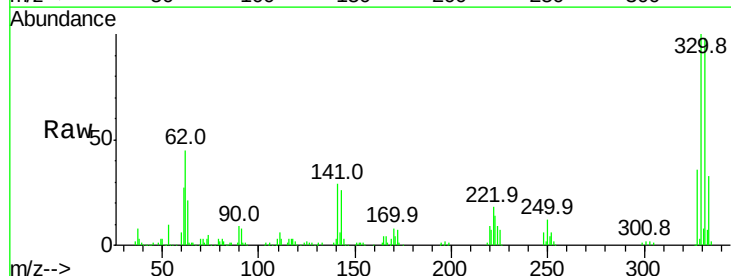
Instrument :
 BNA_F
 ClientSampleId :

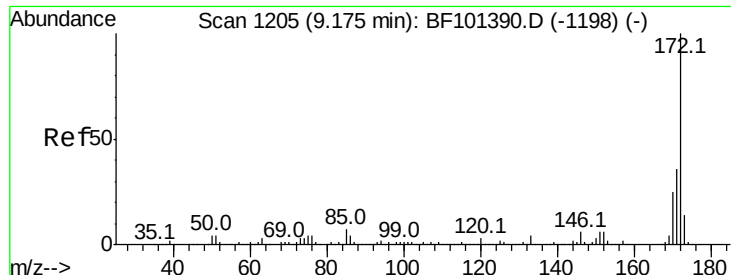
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 97.019 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.8	29.9	44.9



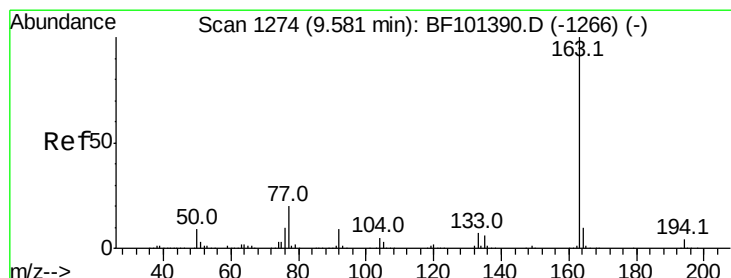
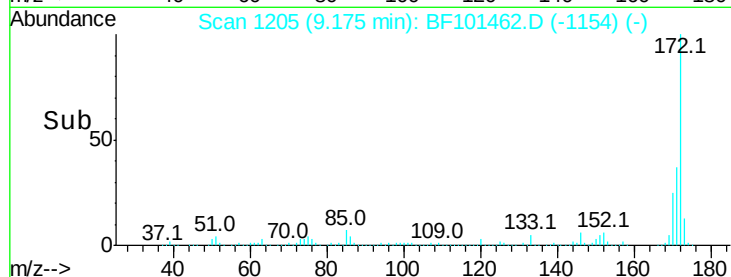
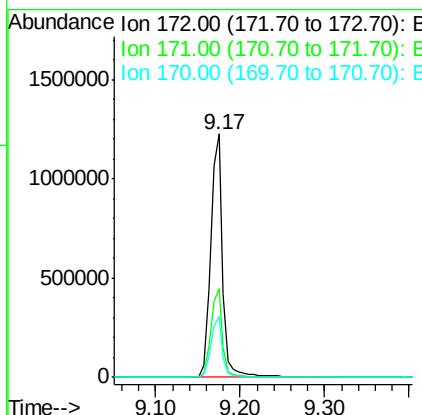
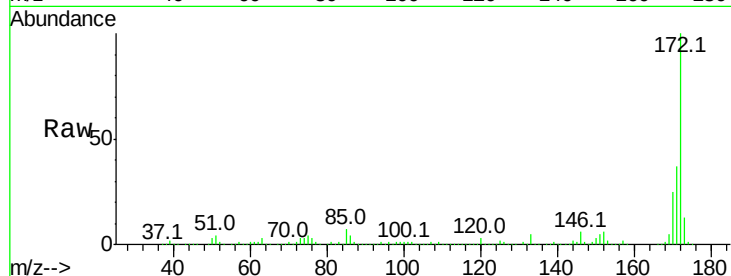


#44
 2-Fluorobiphenyl
 Concen: 81.272 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1233891

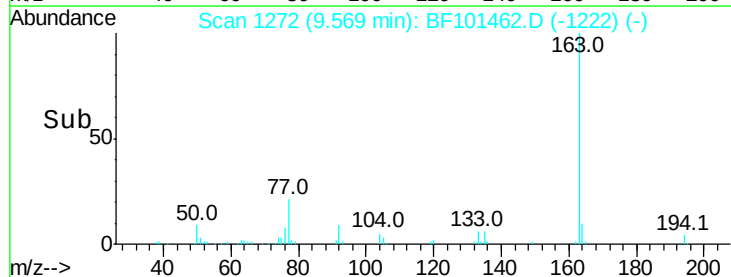
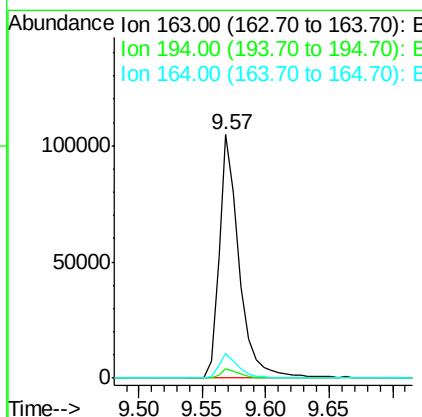
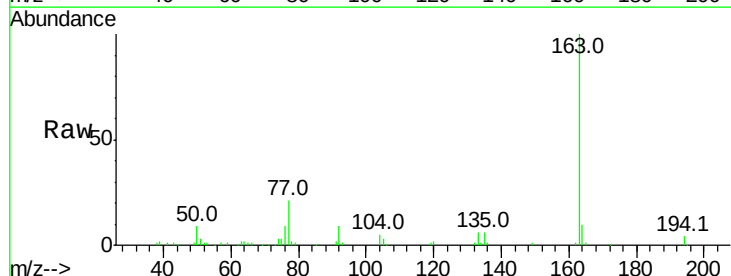
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4

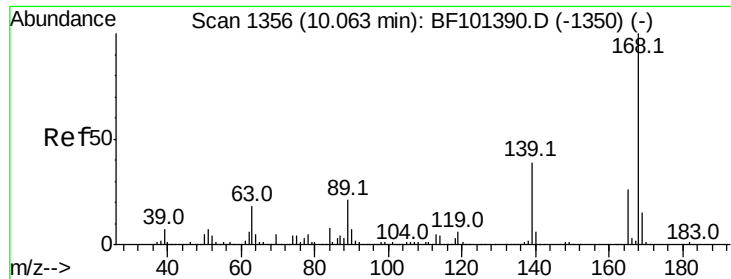


#49
 Dimethylphthalate
 Concen: 6.093 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Tgt Ion:163 Resp: 115418

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2

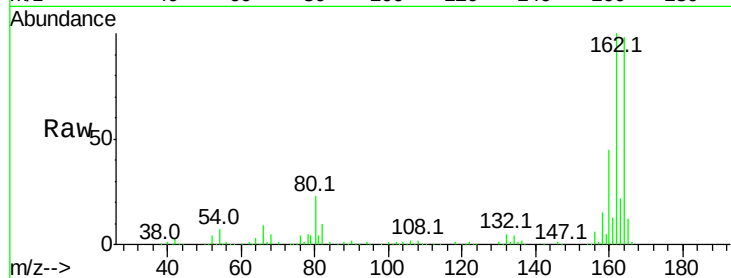




#56
 2,4-Dinitrotoluene
 Concen: 6.818 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.21 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

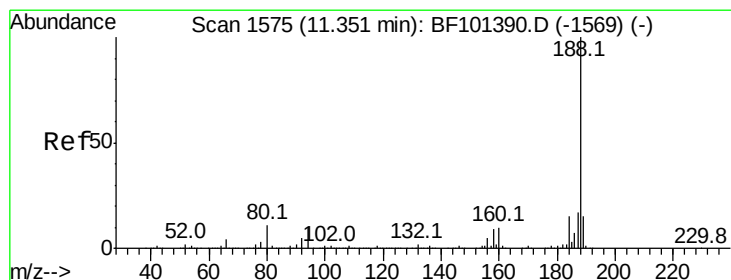
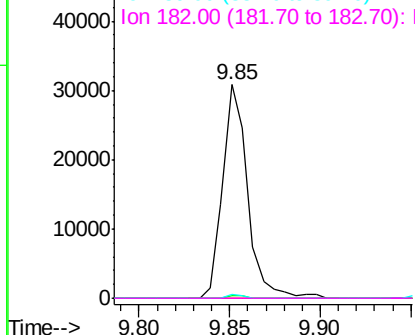
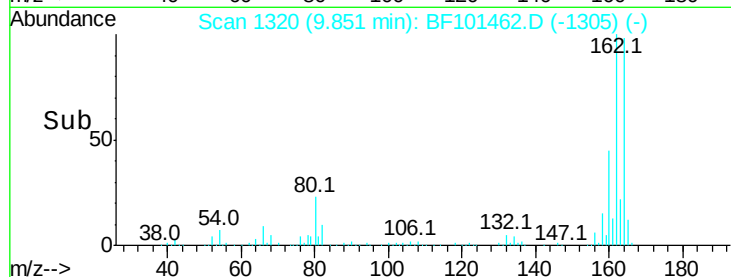


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

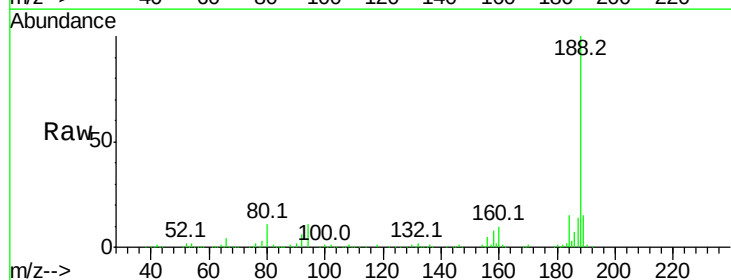
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

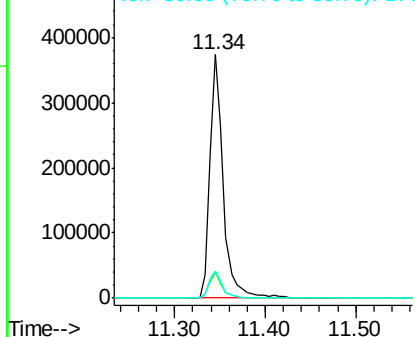
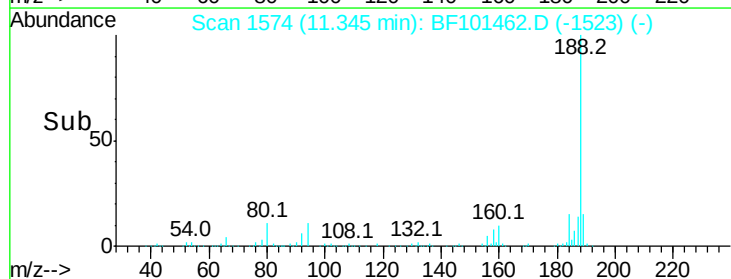
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.1	9.2	13.8

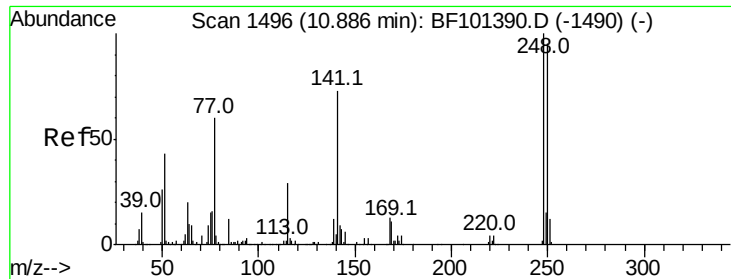


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

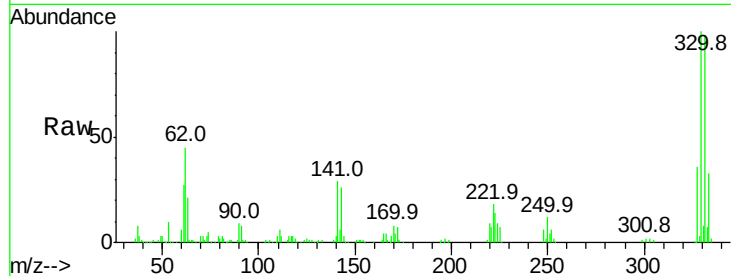




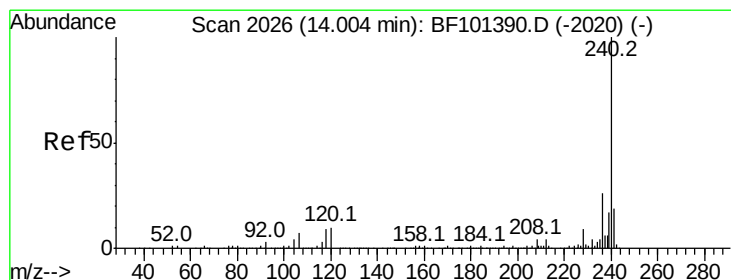
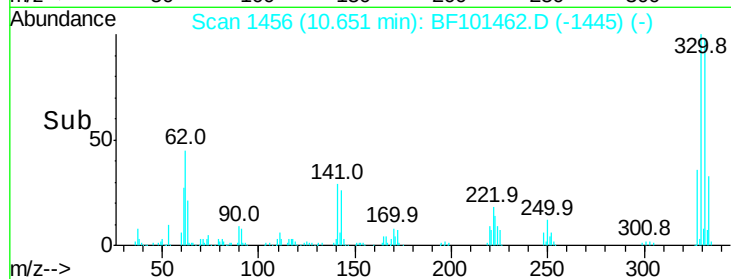
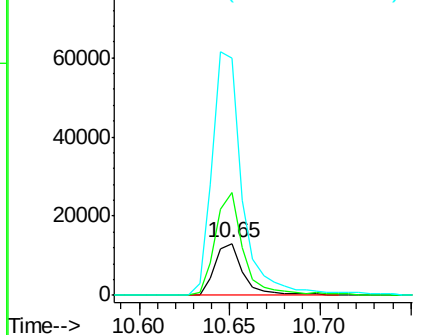
#66
 4-Bromophenyl-phenylether
 Concen: 3.294 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.8	76.9	115.3#
141	454.4	74.4	111.6#

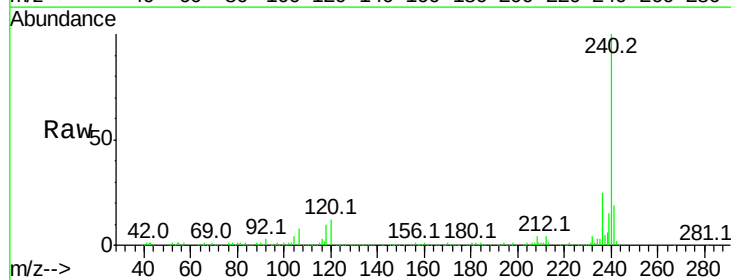


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

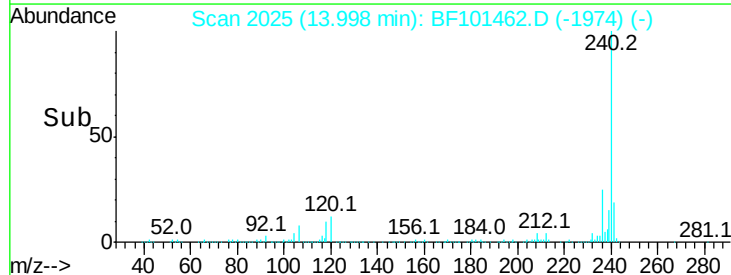
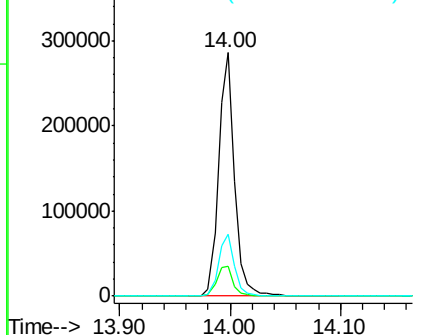


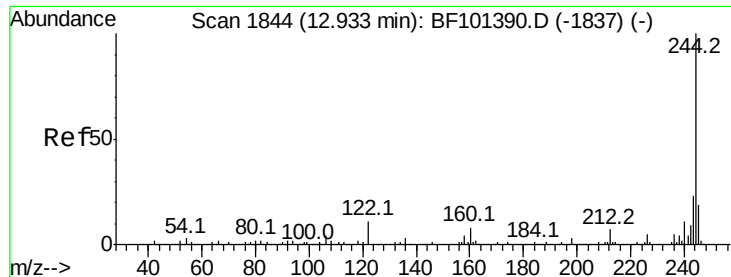
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101462.D
 Acq: 15 Dec 2017 23:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.2	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: 74.234 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101462.D

Acq: 15 Dec 2017 23:55

Instrument :

BNA_F

ClientSampleId :

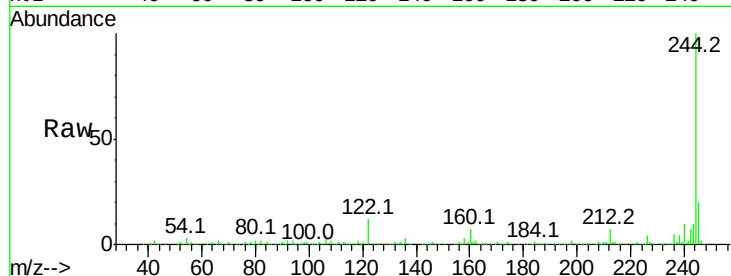
Tot Ion:244 Resp: 880012

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

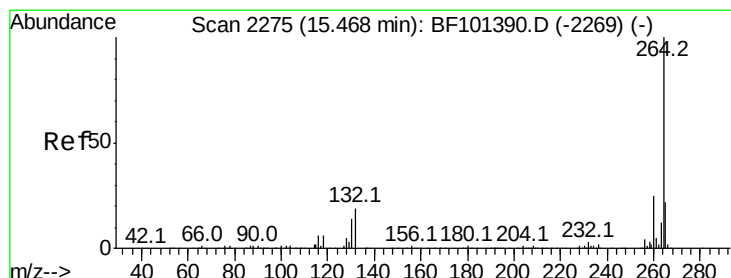
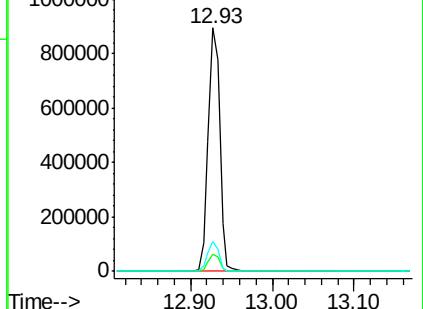
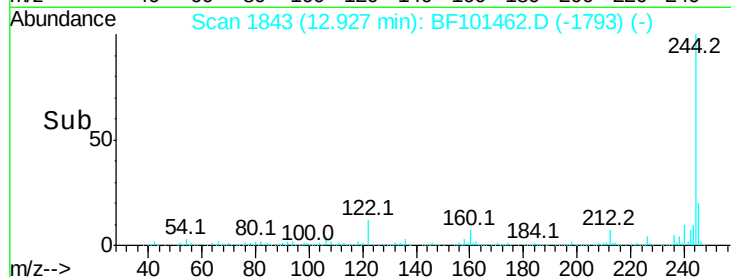
122 12.2 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF101462.D

Acq: 15 Dec 2017 23:55

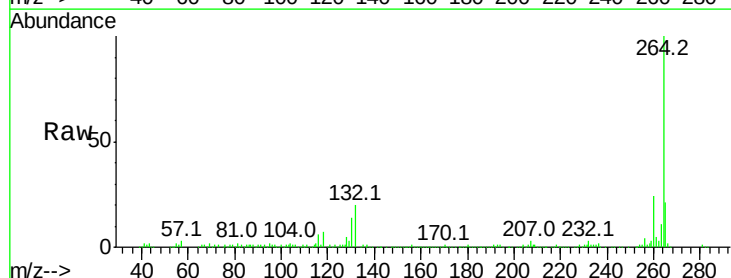
Tgt Ion:264 Resp: 250897

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 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

