

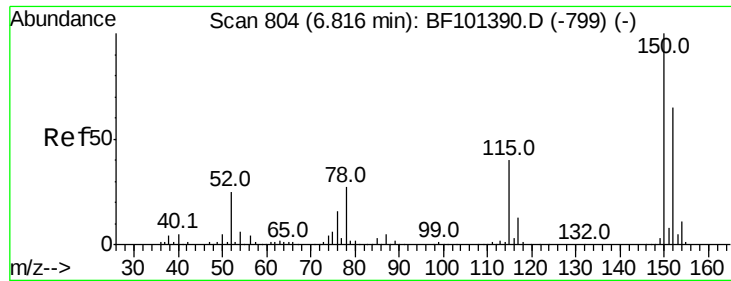
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101454.D
 Acq On : 15 Dec 2017 20:21
 Operator : SJ/JU
 Sample : I6889-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 21:46:26 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	180650	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	722711	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	294838	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	503743	20.00	ng	0.00
75) Chrysene-d12	13.99	240	351128	20.00	ng	0.00
86) Perylene-d12	15.47	264	305685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1272713	104.94	ng	0.02
7) Phenol-d6	6.46	99	1561858	103.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	984053	75.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	300768	105.87	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1458817	76.75	ng	0.00
78) Terphenyl-d14	12.93	244	1141735	78.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	26305	2.360	ng	81
10) Phenol	6.47	94	86839	5.048	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	130865	13.203	ng	# 82
25) Isophorone	7.39	82	984047	37.783	ng	# 64
49) Dimethylphthalate	9.57	163	159212	6.713	ng	99
56) 2,4-Dinitrotoluene	9.85	165	37996	6.997	ng	# 23
62) Azobenzene	10.57	77	89317	3.671	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	18747	3.312	ng	# 1

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

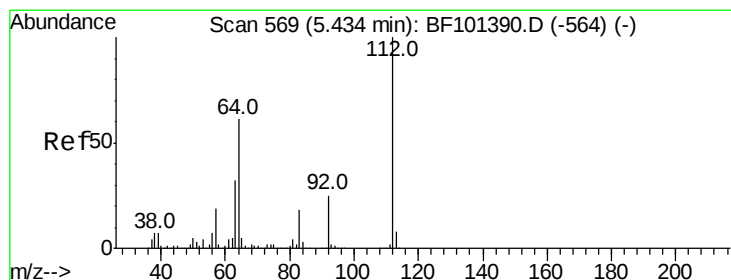
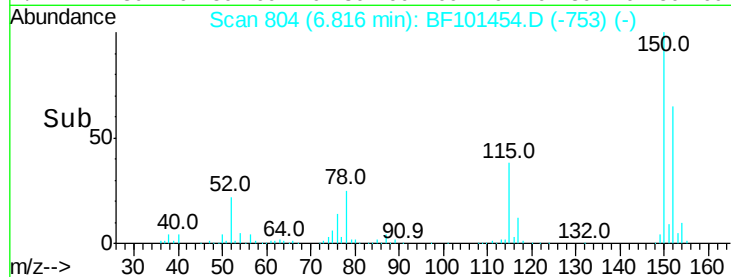
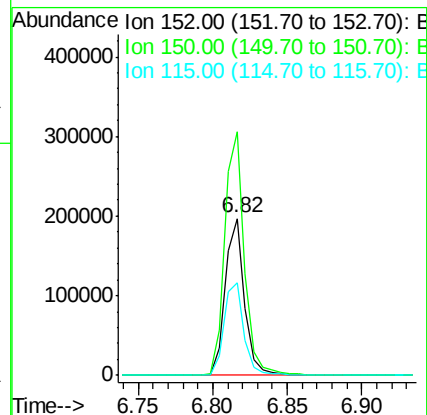
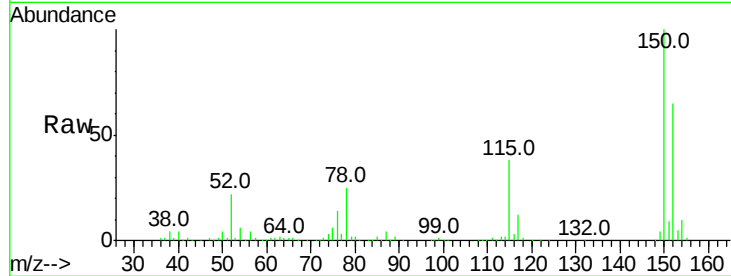


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Instrument :
BNA_F
ClientSampleId :

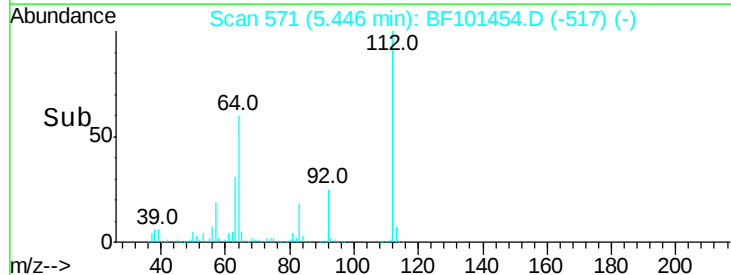
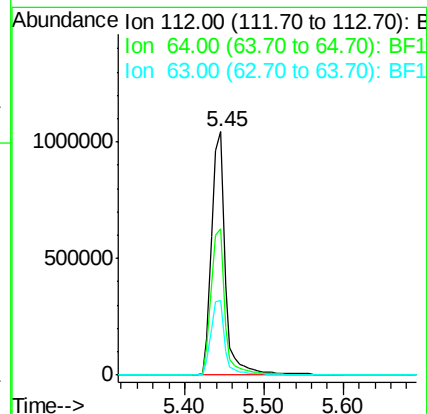
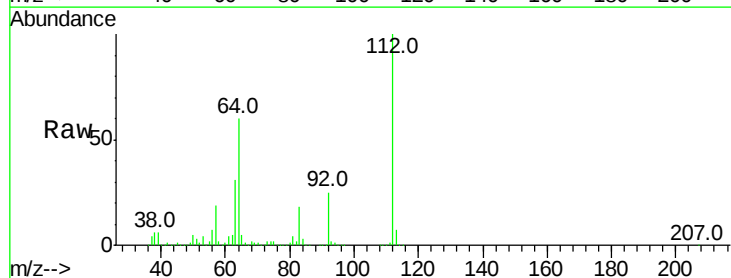
Tot Ion:152 Resp: 180650
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.7 50.1 75.1

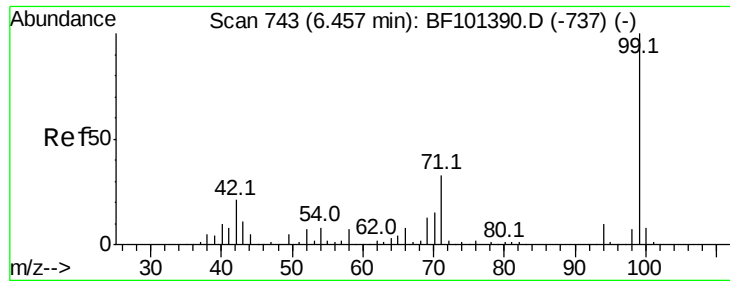


#5

2-Fluorophenol
Concen: 104.944 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Tgt Ion:112 Resp: 1272713
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 103.481 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

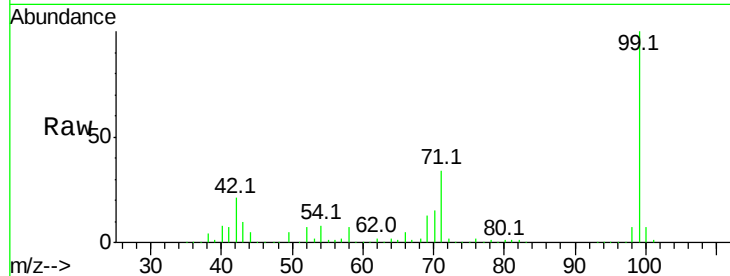
Tot Ion: 99 Resp: 1561858

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

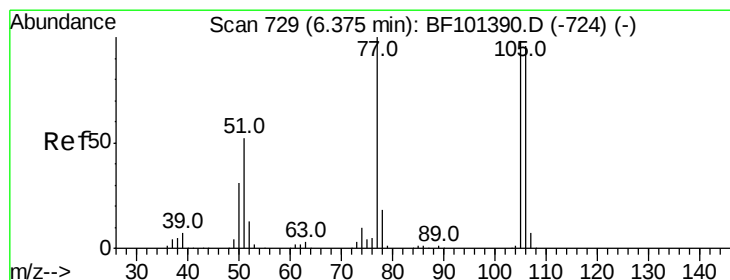
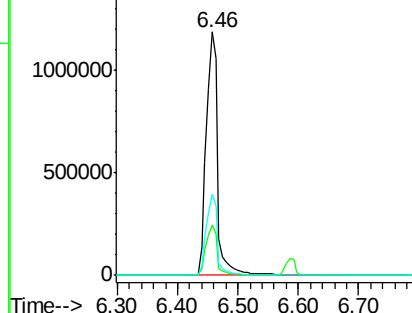
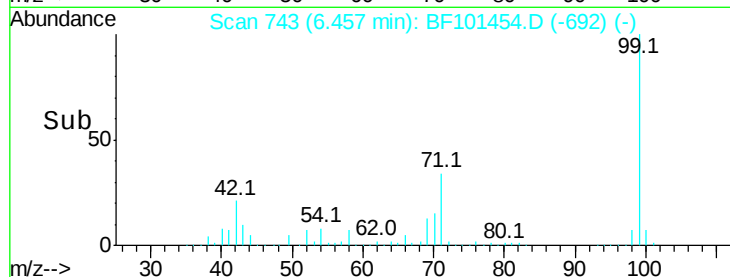
71 33.5 25.4 38.0



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: 2.360 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

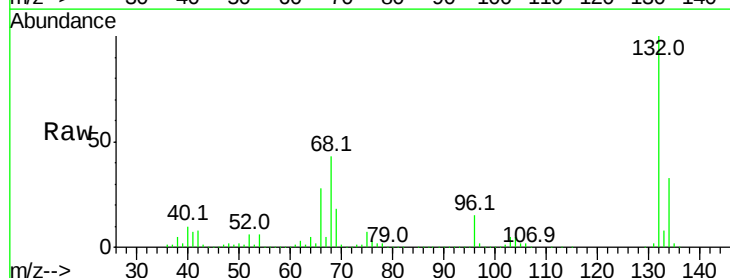
Tgt Ion: 77 Resp: 26305

Ion Ratio Lower Upper

77 100

105 82.6 81.1 121.1

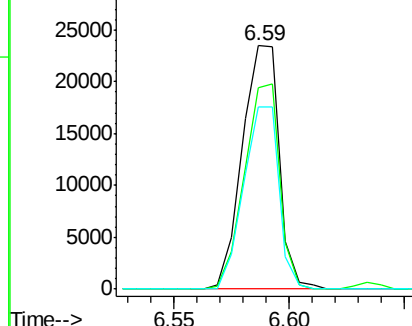
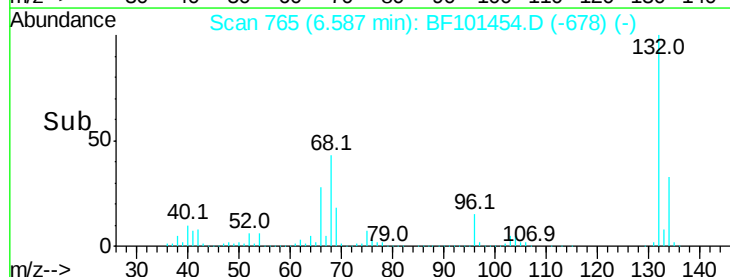
106 74.7 74.5 114.5

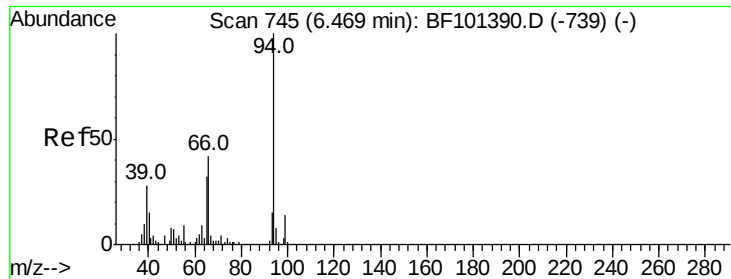


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.048 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

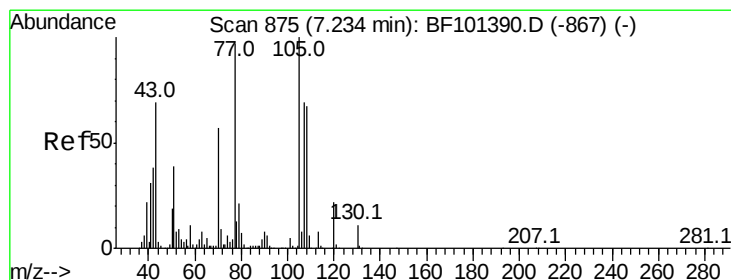
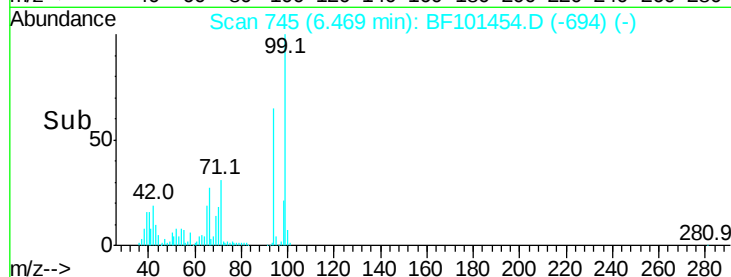
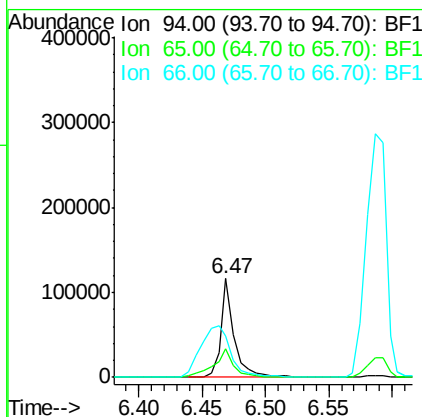
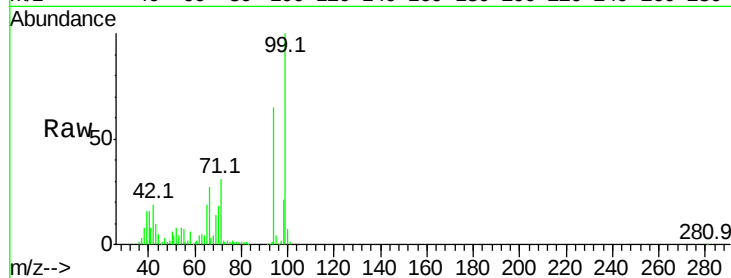
Tot Ion: 94 Resp: 86839

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

66 41.5 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.203 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Tgt Ion: 70 Resp: 130865

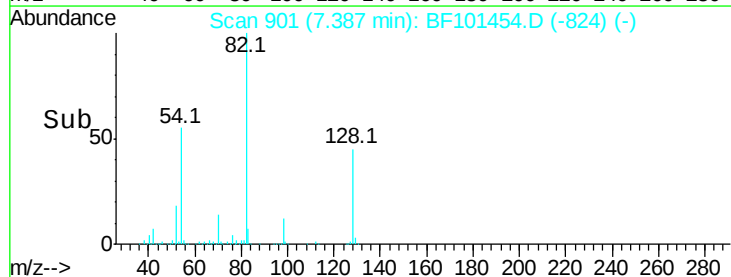
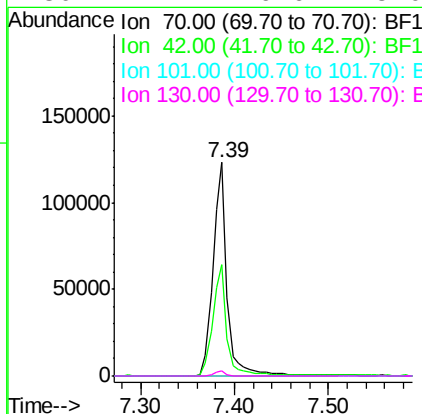
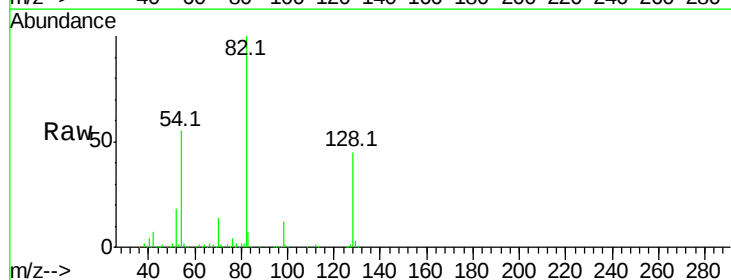
Ion Ratio Lower Upper

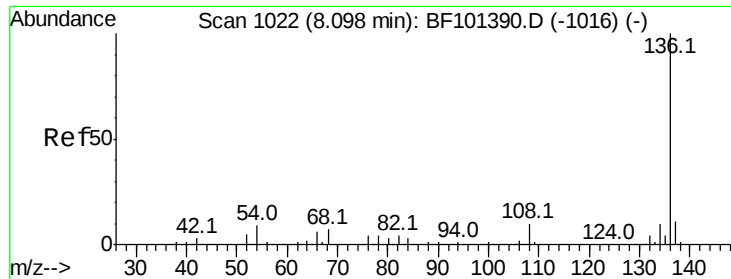
70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

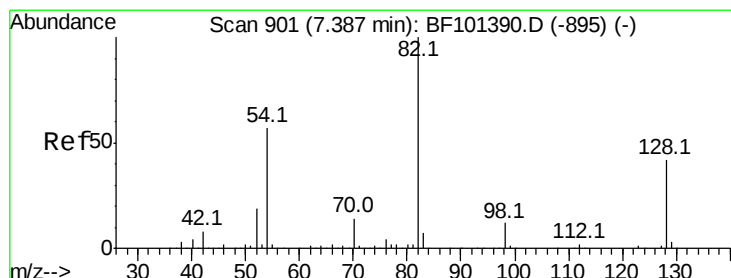
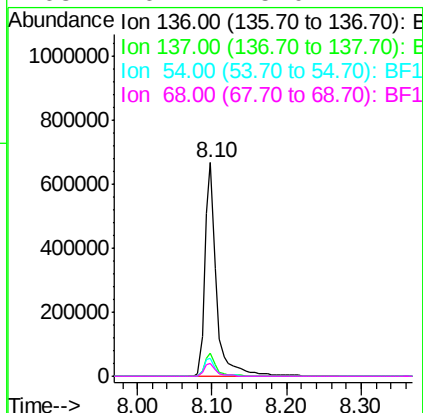
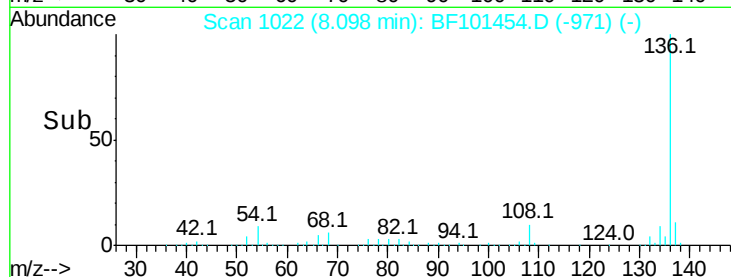
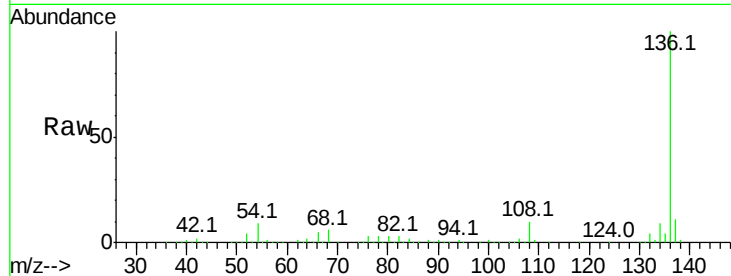




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

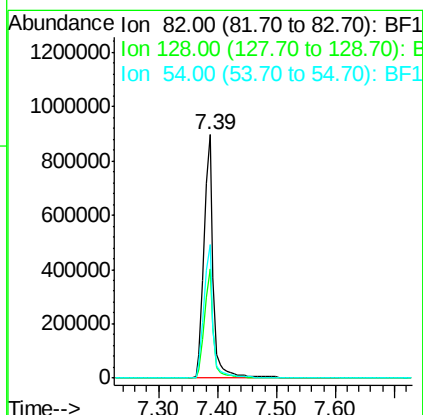
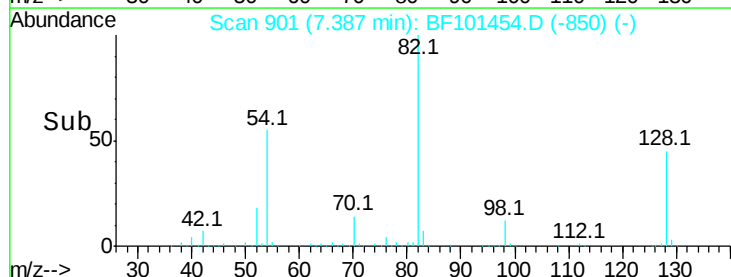
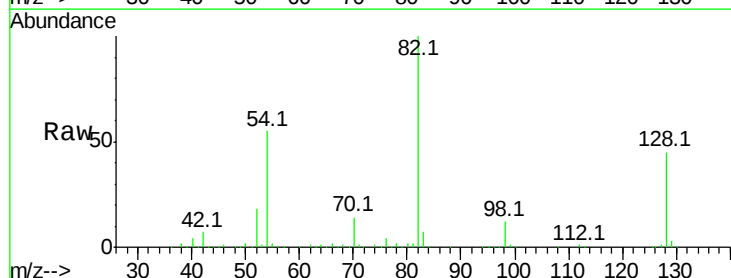
Instrument :
BNA_F
ClientSampleId :

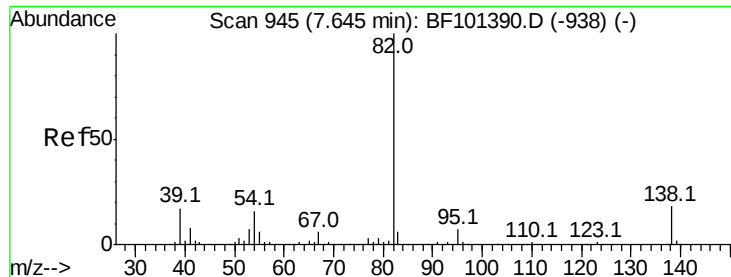
Tot Ion:	136	Resp:	722711
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.795 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Tgt Ion:	82	Resp:	984053
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	54.9	41.4	62.2





#25

Isophorone

Concen: 37.783 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.25 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Instrument :

BNA_F

ClientSampled :

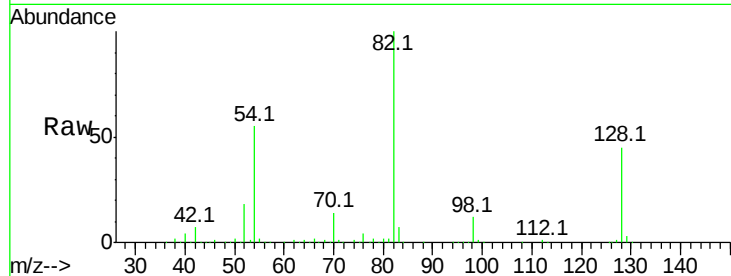
Tot Ion: 82 Resp: 984047

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

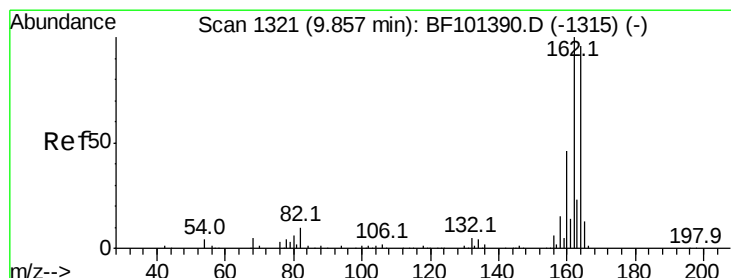
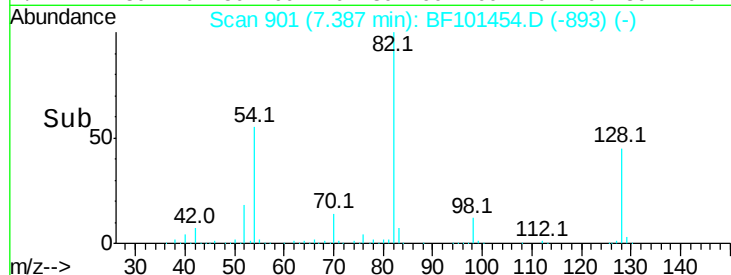
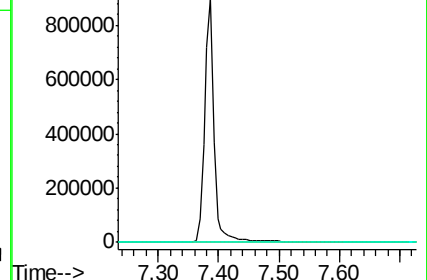
138 0.0 14.9 22.3#



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# 1320

Delta R.T. -0.01 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

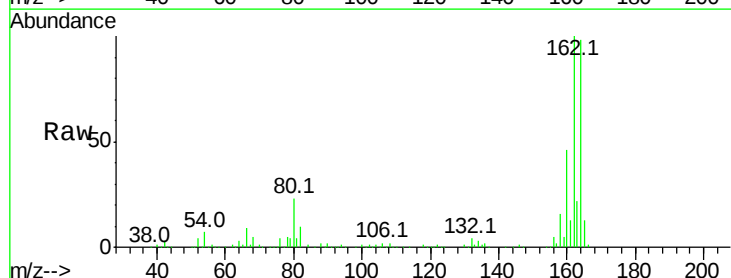
Tgt Ion:164 Resp: 294838

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

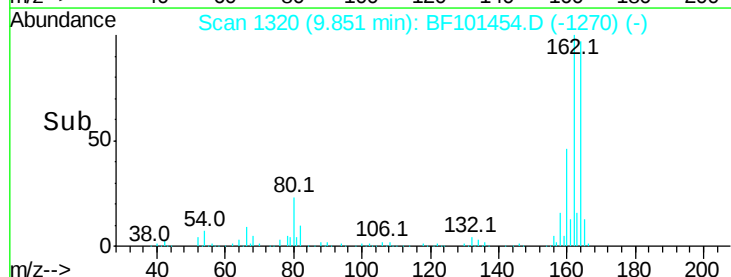
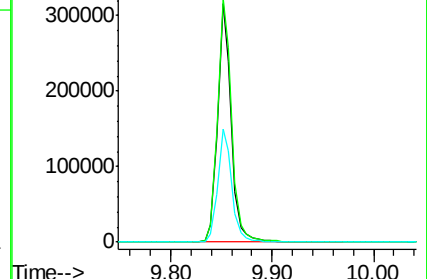
160 47.3 38.3 57.5

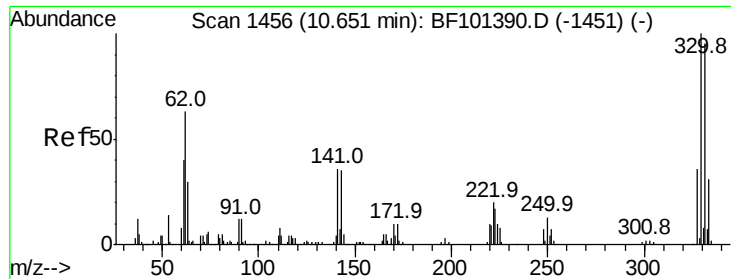


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

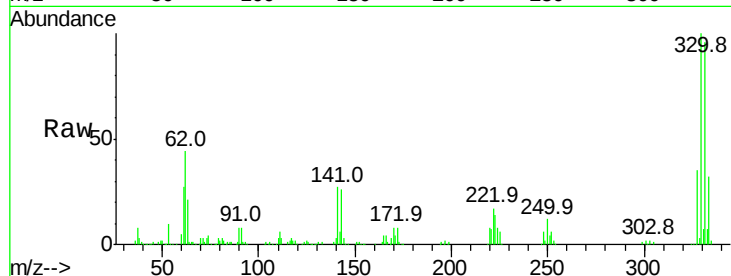




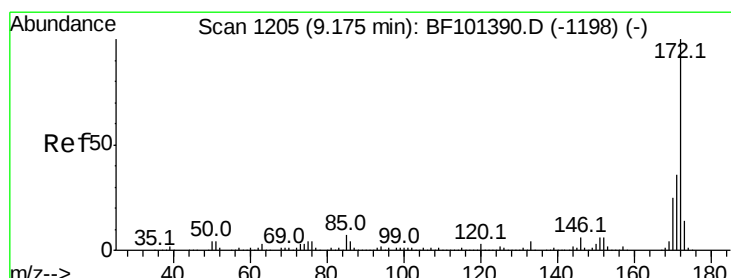
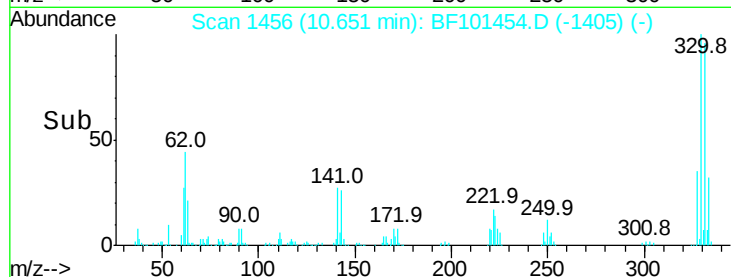
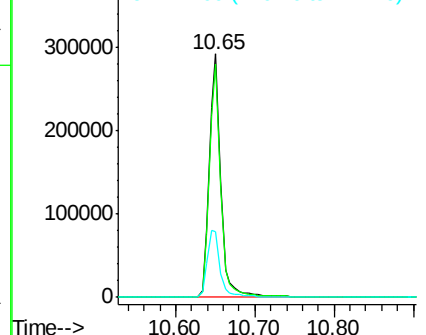
#41
 2,4,6-Tribromophenol
 Concen: 105.867 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.3	29.9	44.9

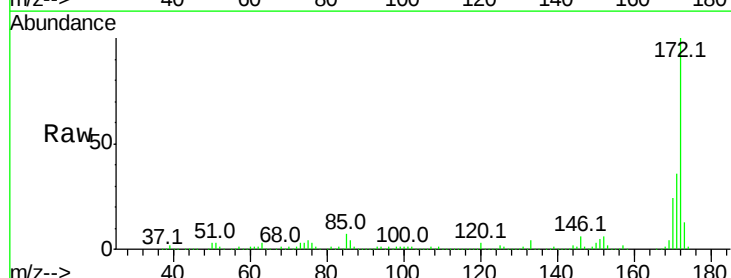


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

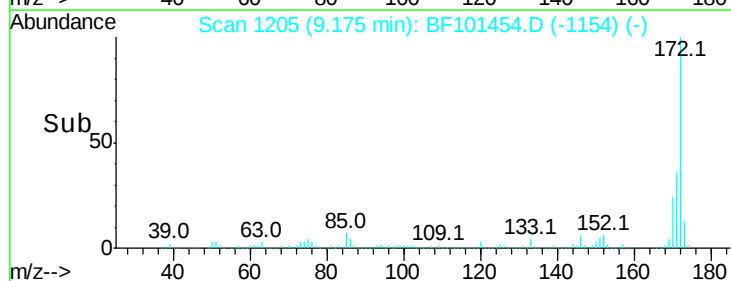
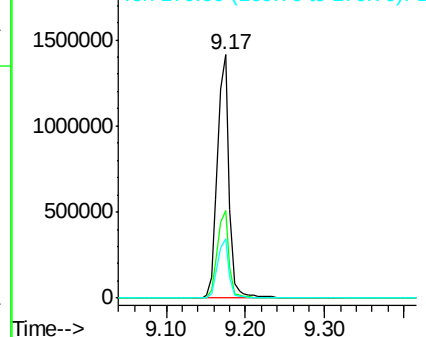


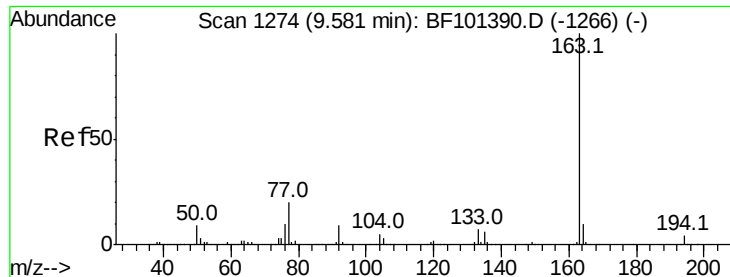
#44
 2-Fluorobiphenyl
 Concen: 76.753 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

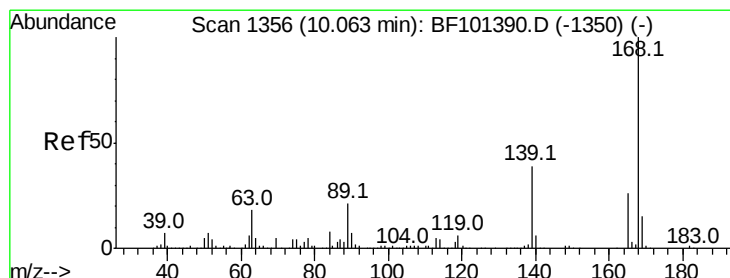
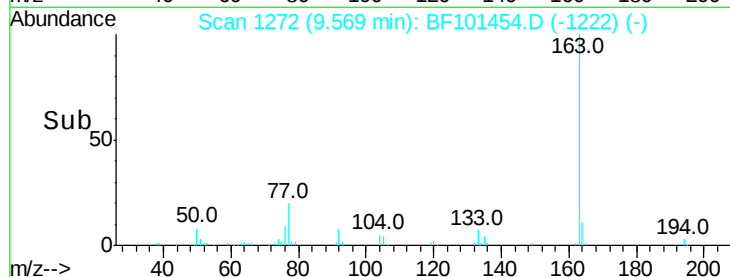
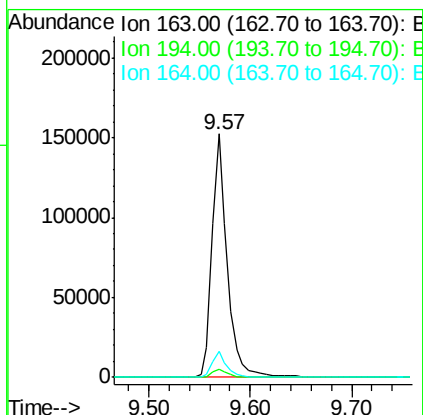
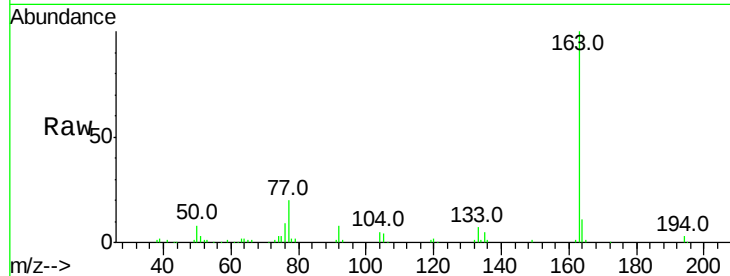




#49
Dimethylphthalate
Concen: 6.713 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

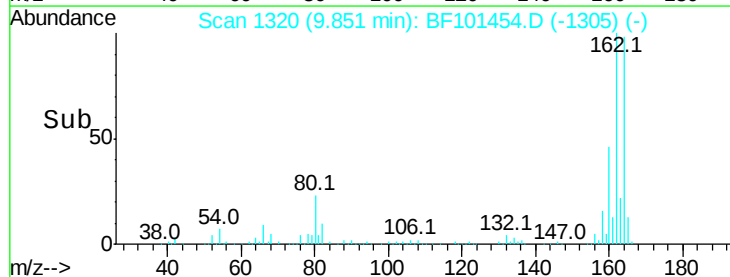
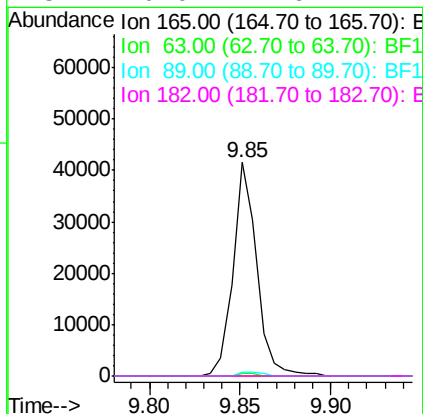
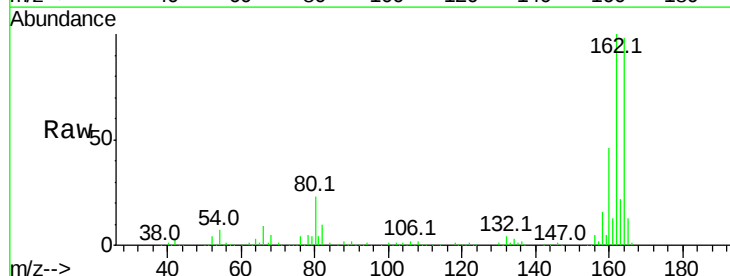
Instrument :
BNA_F
ClientSampleId :

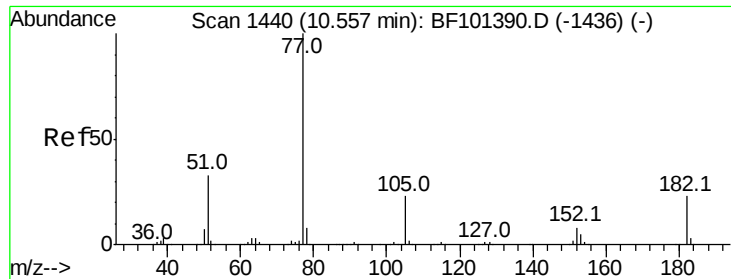
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.997 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF101454.D
Acq: 15 Dec 2017 20:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 3.671 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 89317

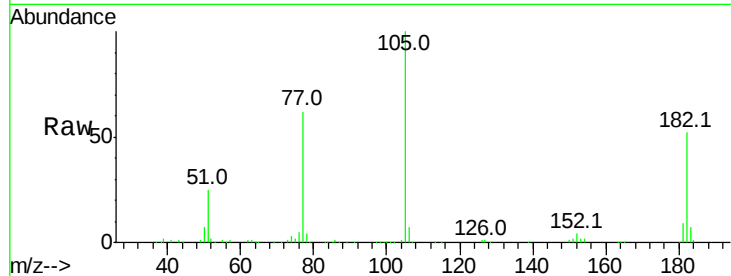
Ion Ratio Lower Upper

77 100

182 83.8 1.7 41.7#

105 160.6 3.0 43.0#

51 40.5 9.9 49.9

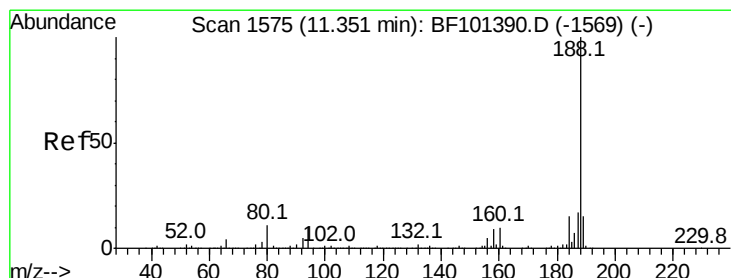
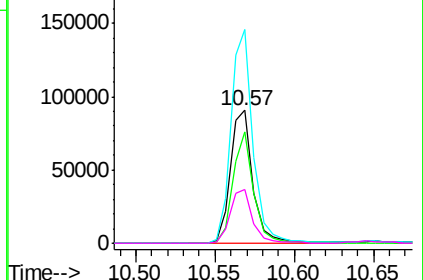
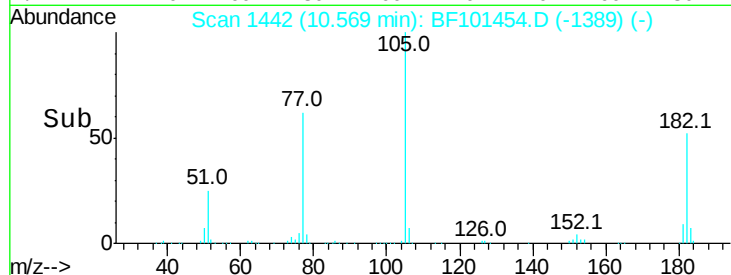


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101454.D

Acq: 15 Dec 2017 20:21

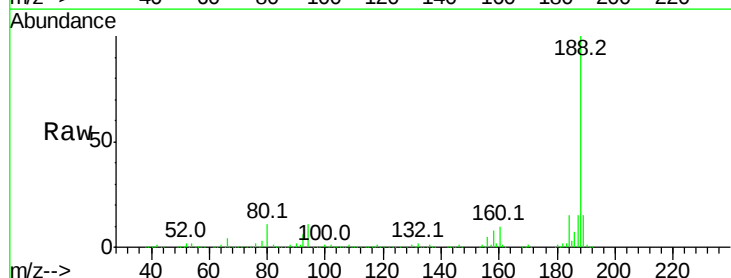
Tgt Ion: 188 Resp: 503743

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

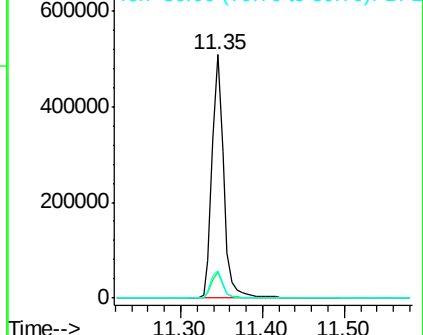
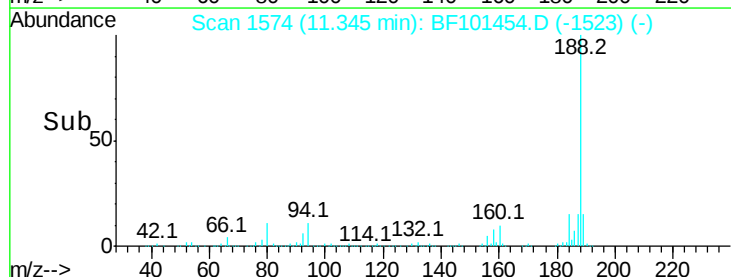
80 11.4 9.2 13.8

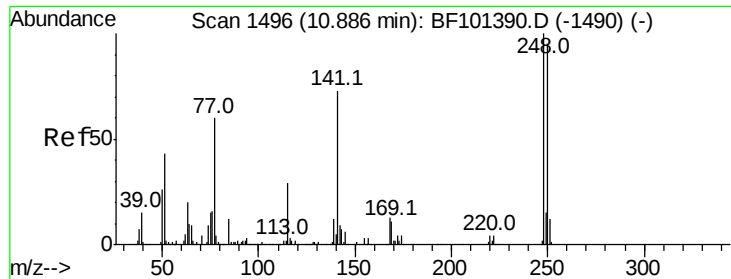


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

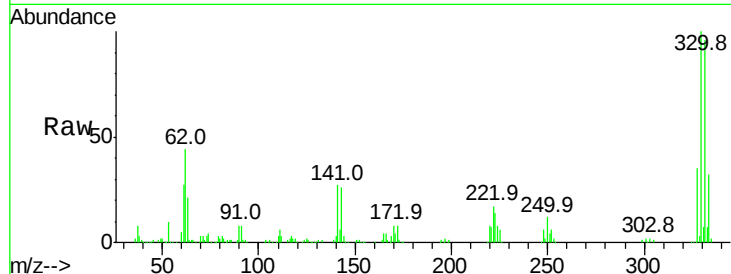




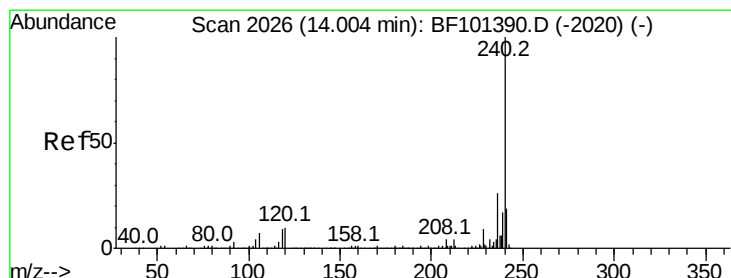
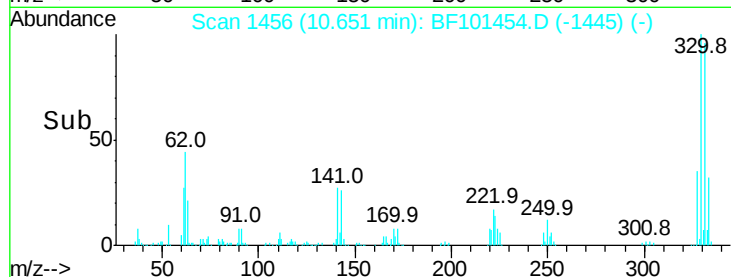
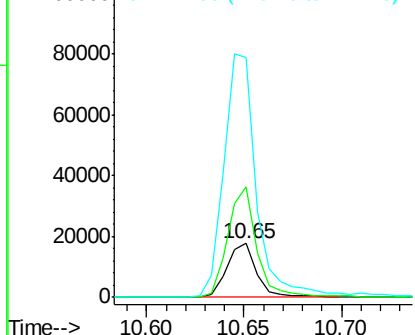
#66
 4-Bromophenyl-phenylether
 Concen: 3.312 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 18747
 Ion Ratio Lower Upper
 248 100
 250 206.2 76.9 115.3#
 141 446.8 74.4 111.6#

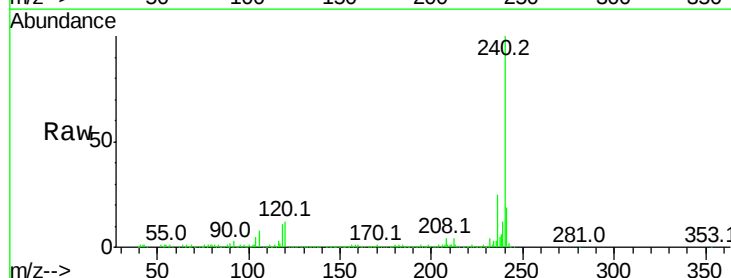


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

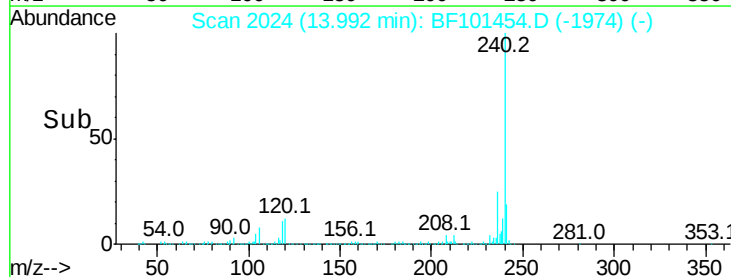
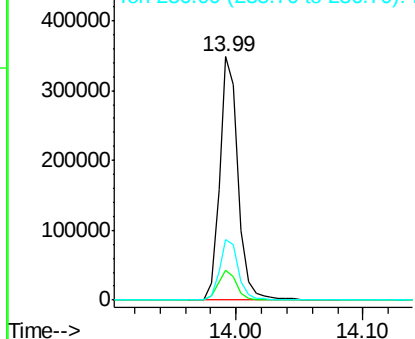


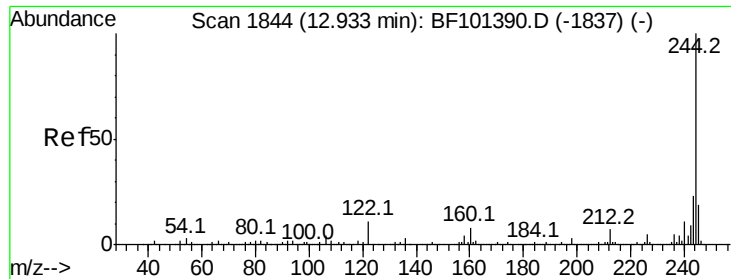
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Tgt Ion:240 Resp: 351128
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.0 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

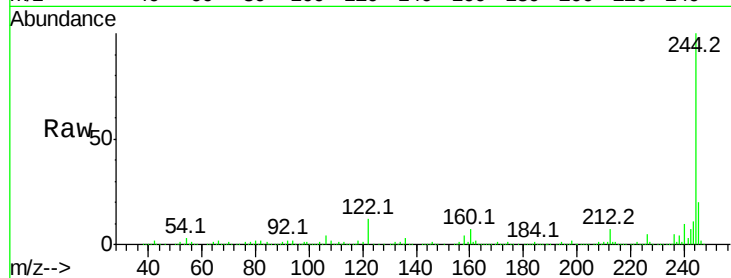




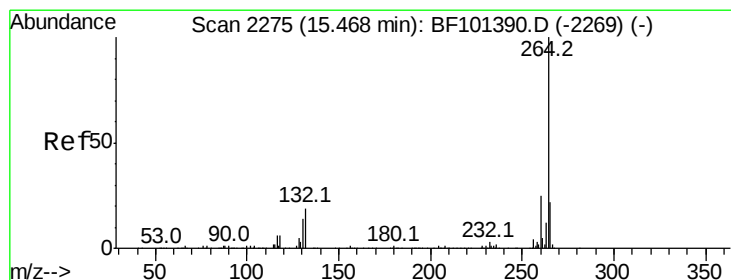
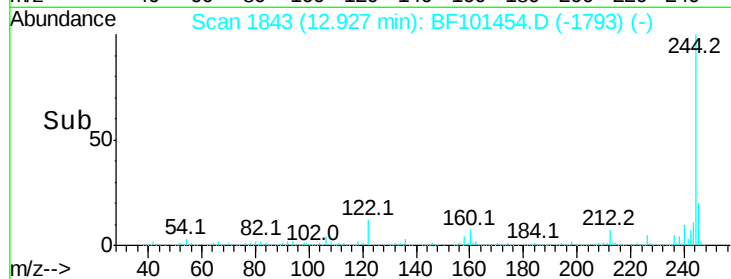
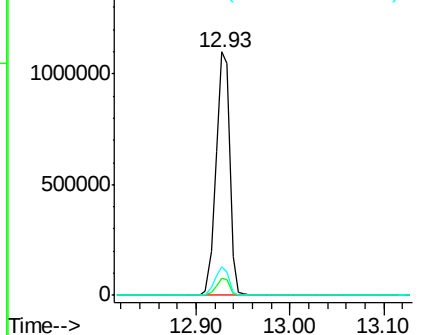
#78
 Terphenyl-d14
 Concen: 78.389 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1141735
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.9 11.0 16.4

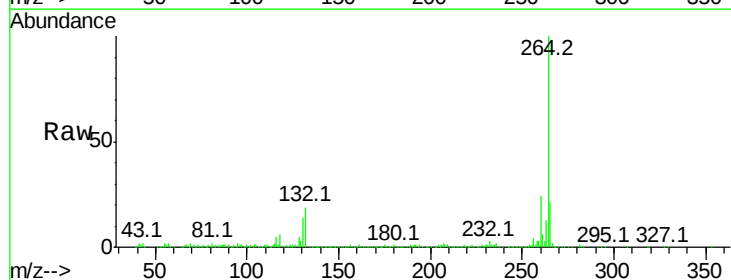


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101454.D
 Acq: 15 Dec 2017 20:21

Tgt Ion:264 Resp: 305685
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.7 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

