

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101447.D
 Acq On : 15 Dec 2017 17:12
 Operator : SJ/JU
 Sample : I6684-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 17:58:15 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

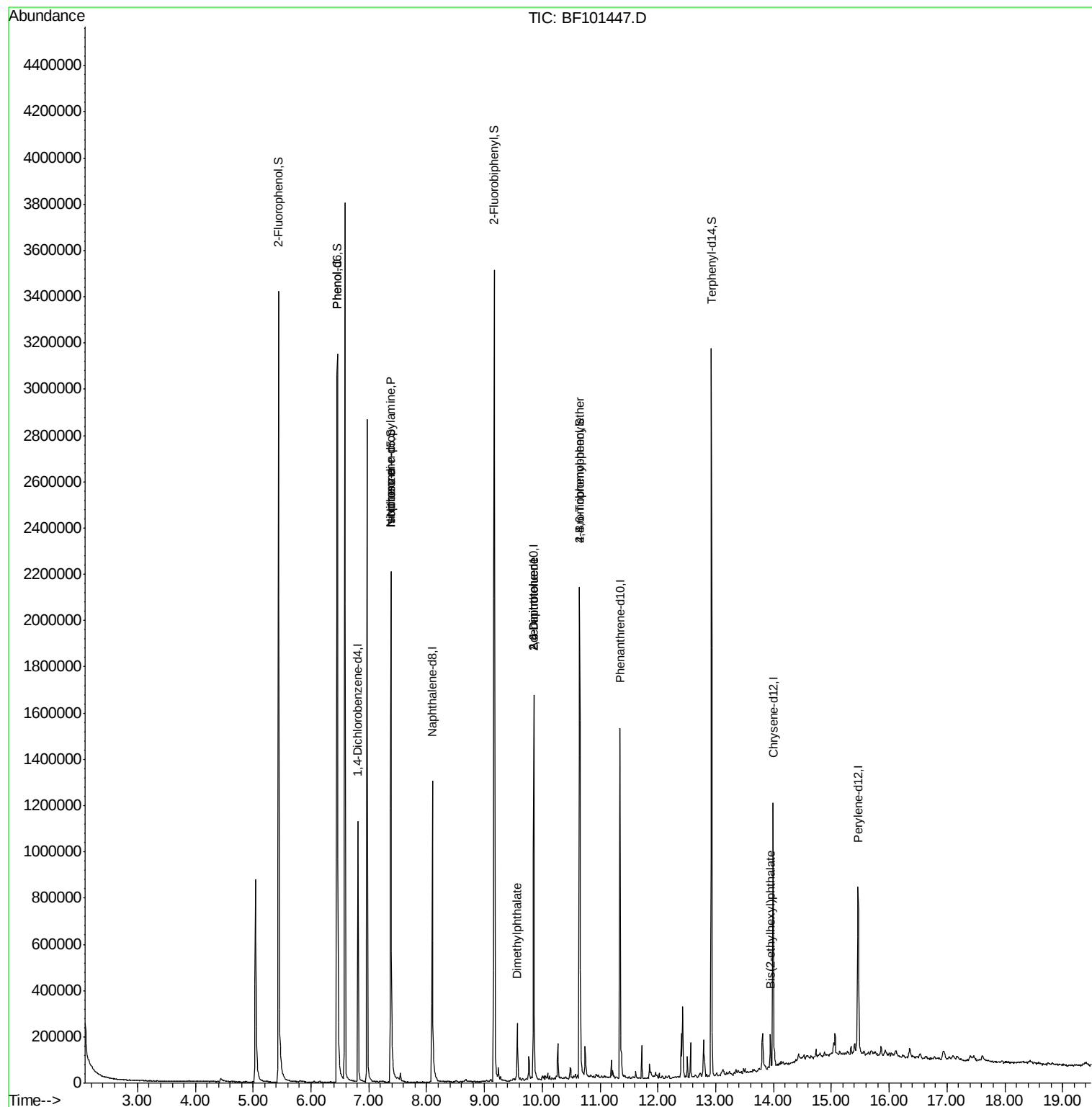
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	178397	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	743861	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	324664	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	590905	20.00	ng	0.00
75) Chrysene-d12	13.99	240	391730	20.00	ng	0.00
86) Perylene-d12	15.46	264	360364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1109125	92.61	ng	0.01
7) Phenol-d6	6.46	99	1383275	92.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	885878	66.29	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	294100	94.01	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1234971	59.01	ng	0.00
78) Terphenyl-d14	12.93	244	1107627	68.17	ng	0.00
Target Compounds						
10) Phenol	6.46	94	54259	3.194	ng	# 76
19) n-Nitroso-di-n-propylamine	7.38	70	116886	11.941	ng	# 84
25) Isophorone	7.38	82	885871	33.046	ng	# 64
49) Dimethylphthalate	9.57	163	113155	4.333	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	41363	7.793	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	41363	6.917	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	18939	2.852	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	43420	2.577	ng	100

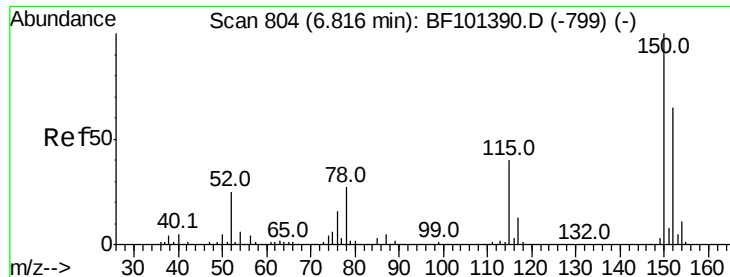
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
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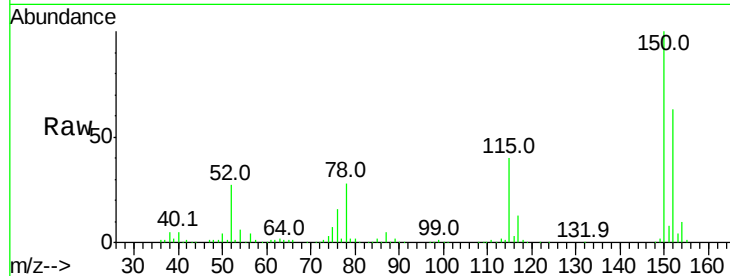


#1

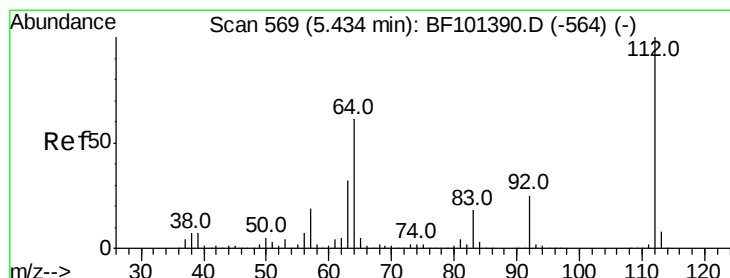
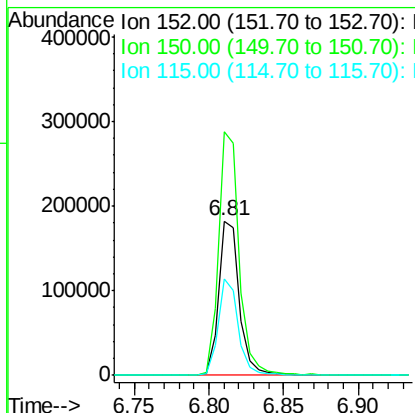
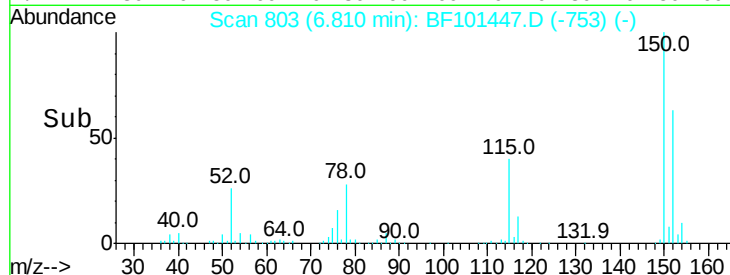
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.4	50.1	75.1



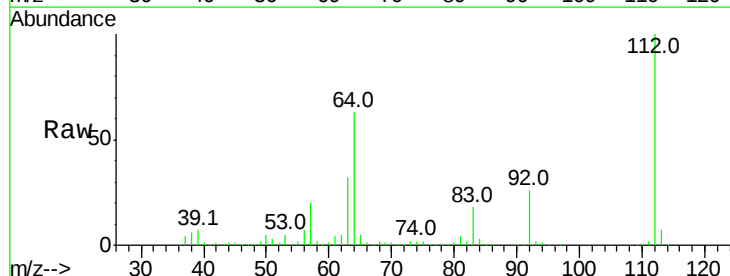
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



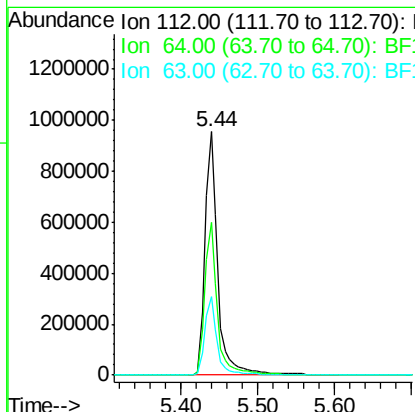
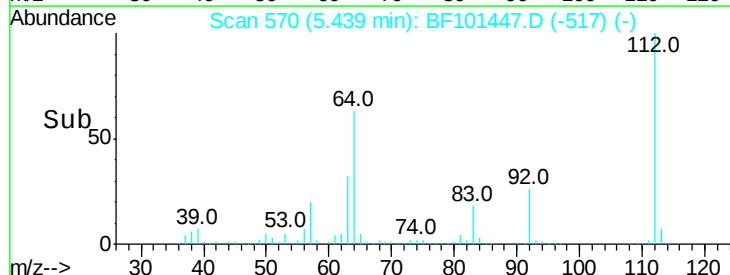
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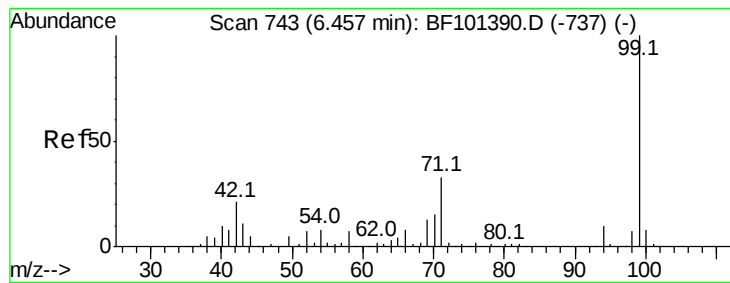
2-Fluorophenol
Concen: 92.610 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.3	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: 92.806 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101447.D

Acq: 15 Dec 2017 17:12

Instrument :

BNA_F

ClientSampled :

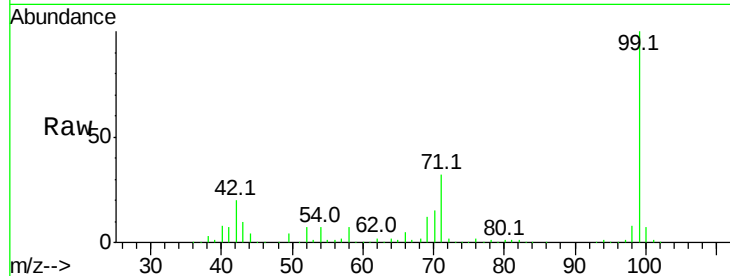
Tot Ion: 99 Resp: 1383275

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.2	25.4	38.0

99 100

42 19.9 14.5 21.7

71 32.2 25.4 38.0

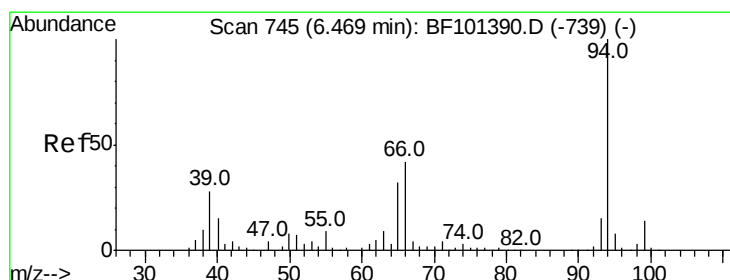
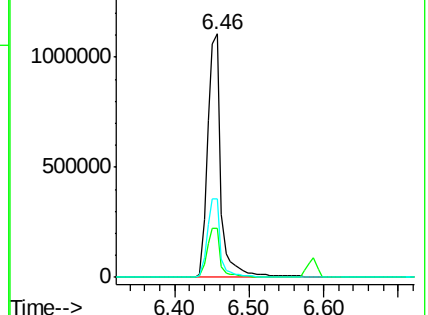
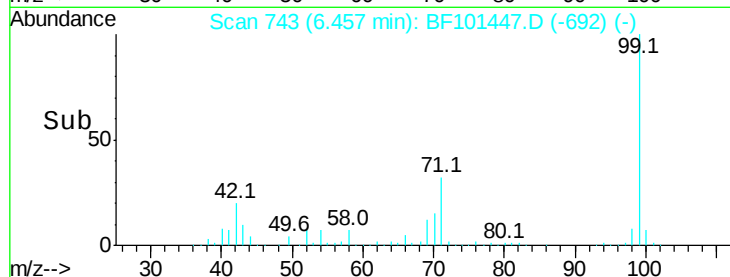


Abundance

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: 3.194 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101447.D

Acq: 15 Dec 2017 17:12

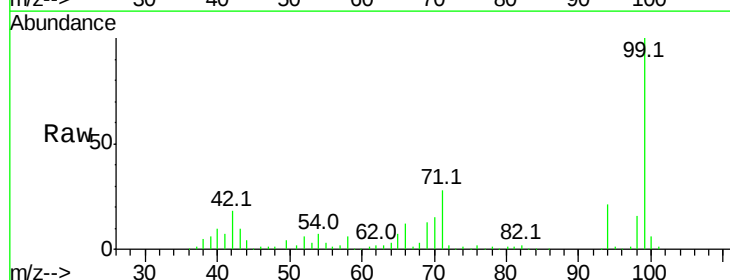
Tgt Ion: 94 Resp: 54259

Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	56.7	16.2	56.2

94 100

65 33.2 7.9 47.9

66 56.7 16.2 56.2

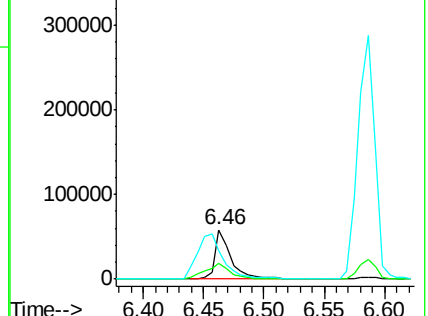
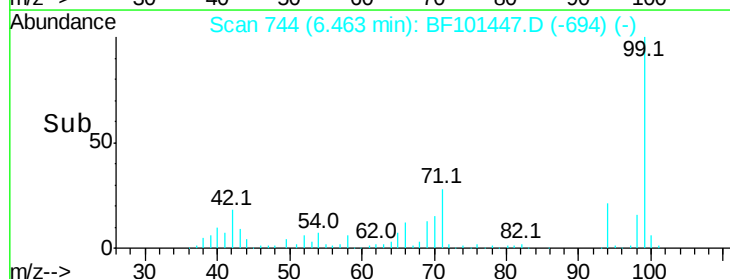


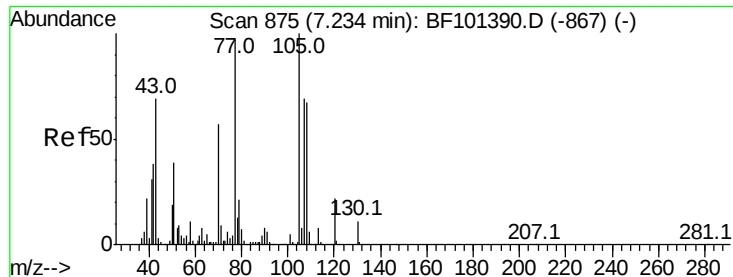
Abundance

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

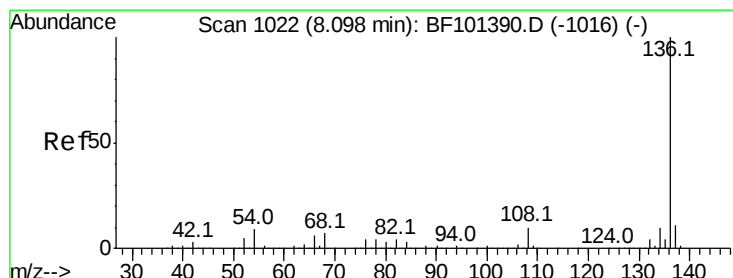
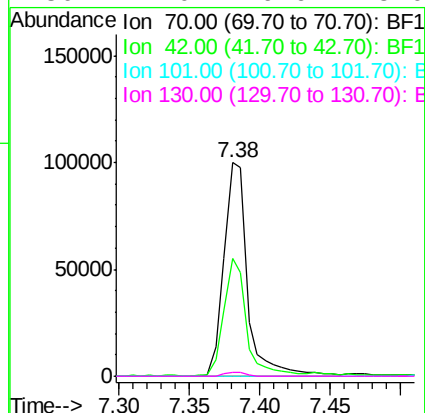
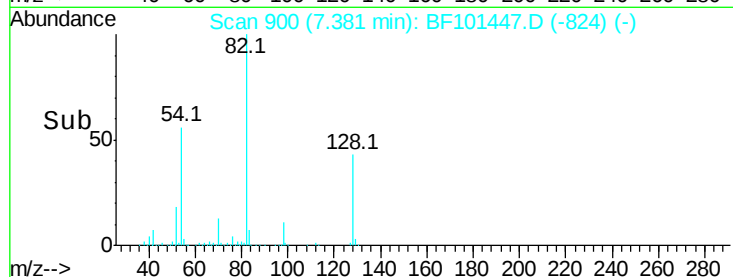
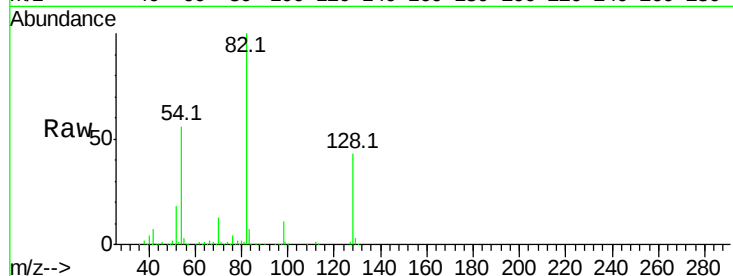




#19
n-Nitroso-di-n-propylamine
Concen: 11.941 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

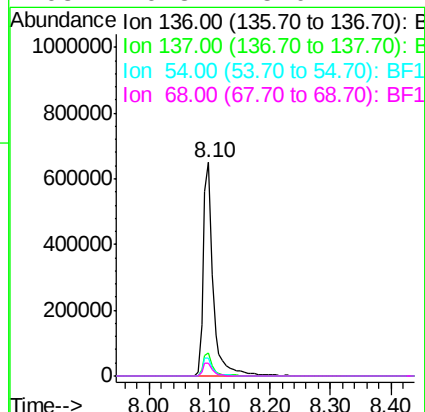
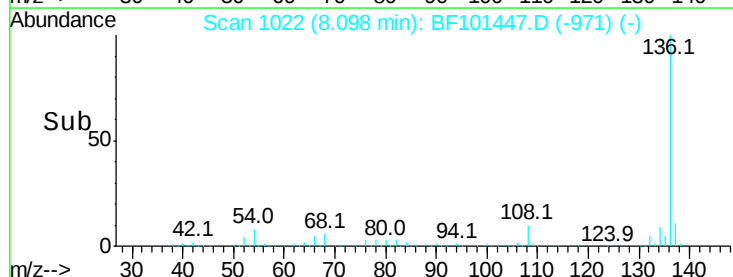
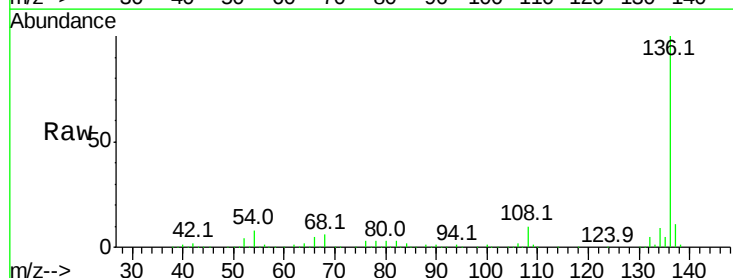
Instrument :
BNA_F
ClientSampleId :

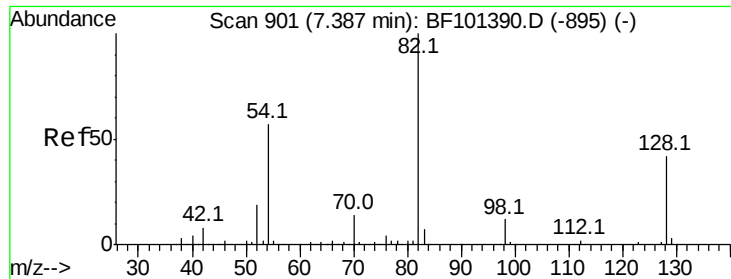
Tot Ion: 70 Resp: 116886
Ion Ratio Lower Upper
70 100
42 55.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

Tgt Ion: 136 Resp: 743861
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.6 9.8
68 6.3 5.0 7.4

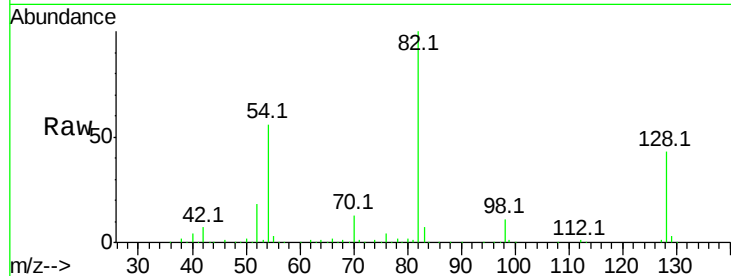




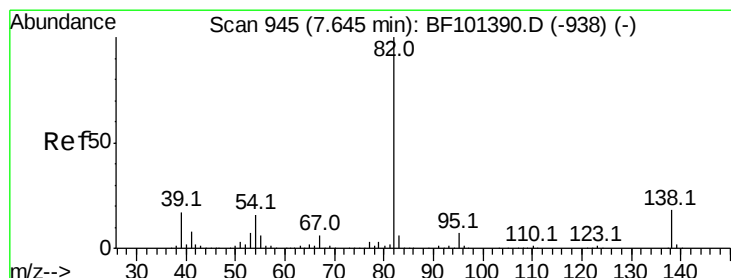
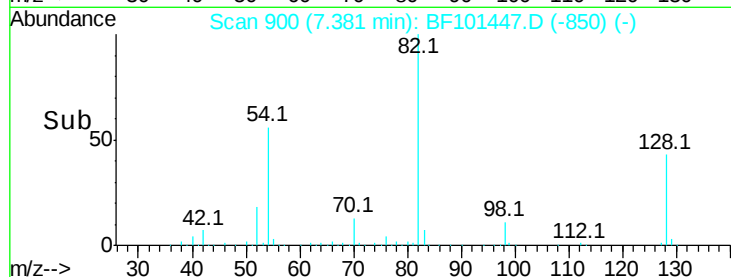
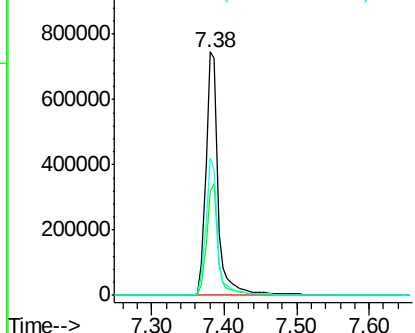
#23
 Nitrobenzene-d5
 Concen: 66.293 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF101447.D
 Acq: 15 Dec 2017 17:12

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	885878
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.1	54.1
54	56.2	41.4	62.2

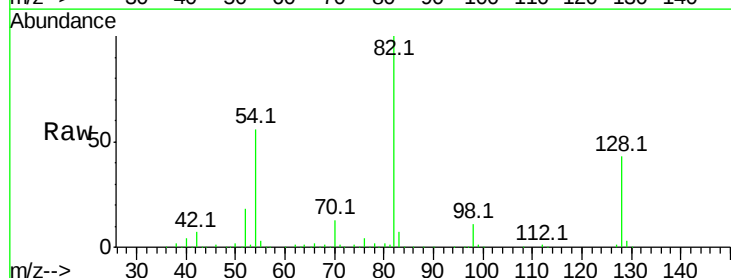


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

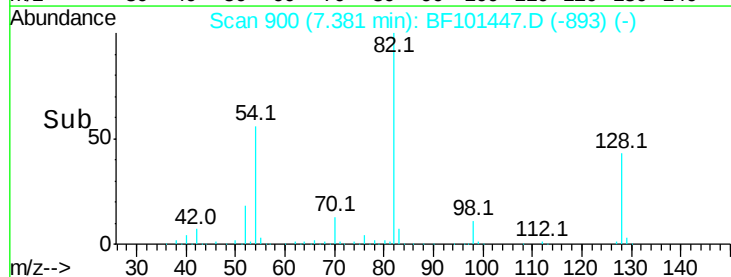
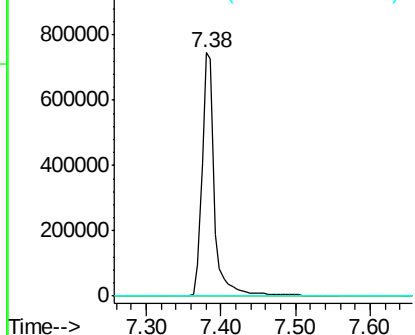


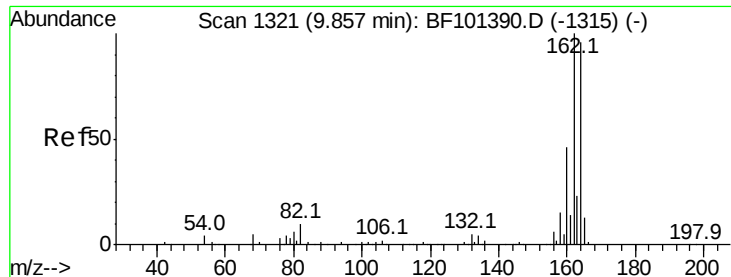
#25
 Isophorone
 Concen: 33.046 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF101447.D
 Acq: 15 Dec 2017 17:12

Tgt Ion	82	Resp	885871
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

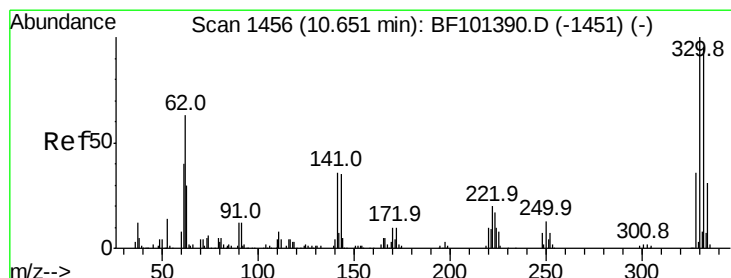
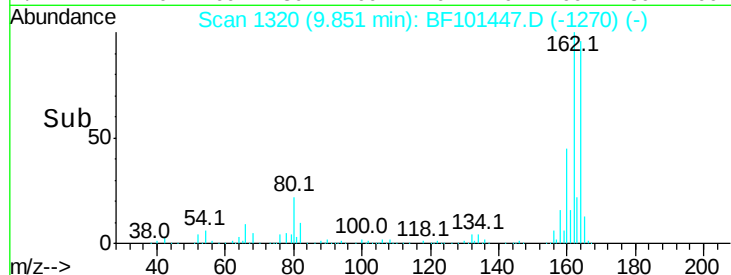
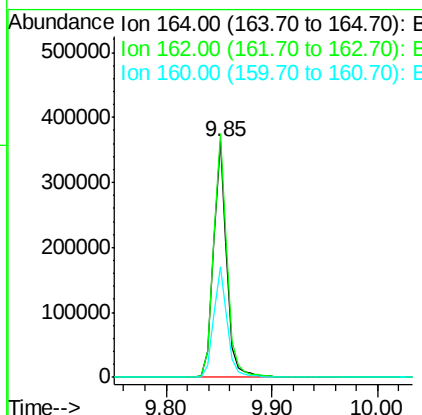
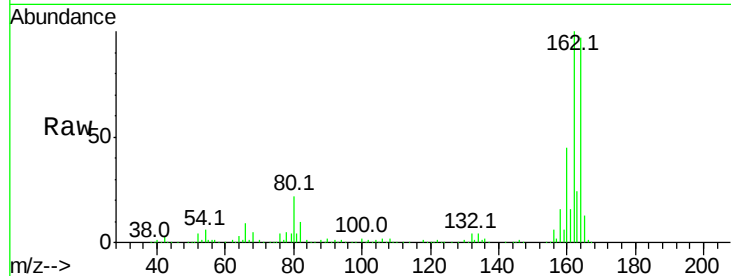




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101447.D
 Acq: 15 Dec 2017 17:12

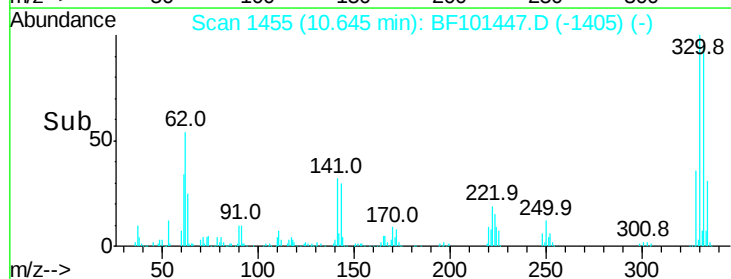
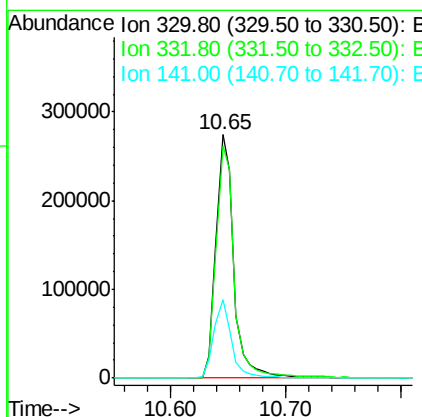
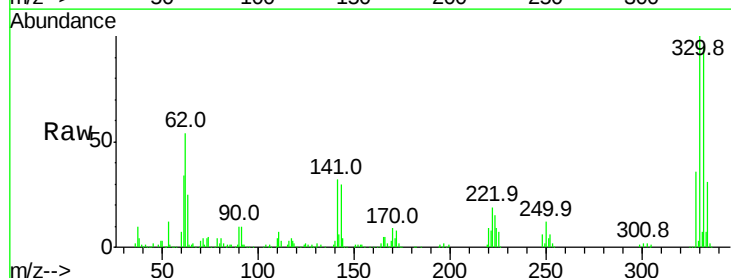
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.6	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 94.010 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF101447.D
 Acq: 15 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	32.7	29.9	44.9

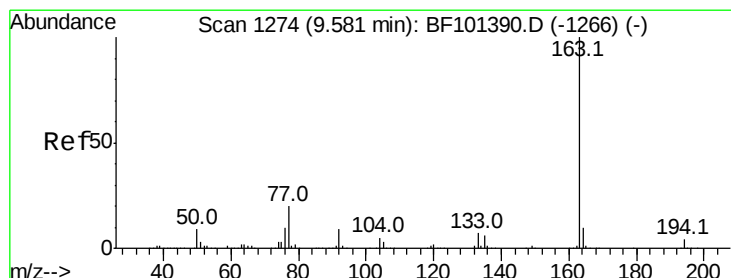
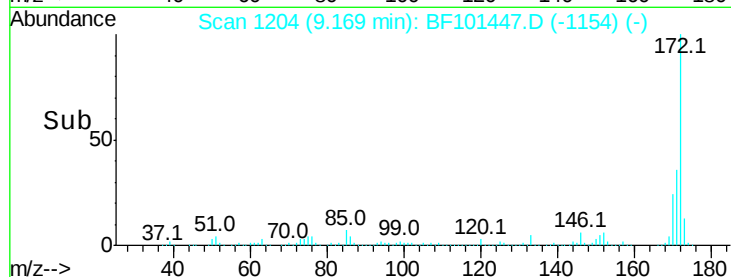
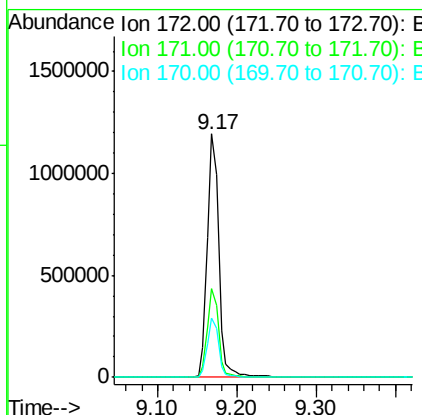
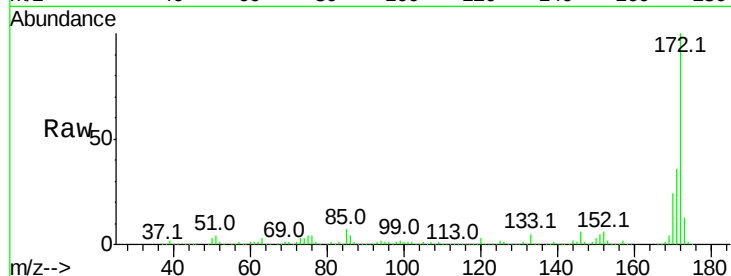




#44
2-Fluorobiphenyl
Concen: 59.007 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

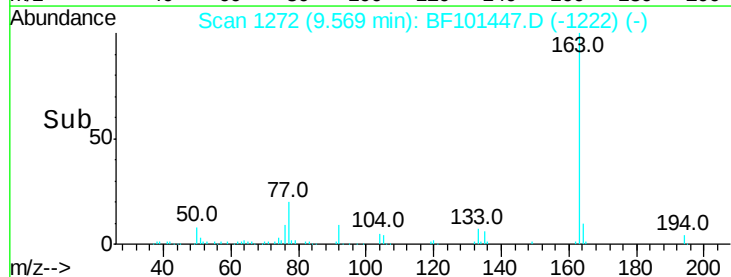
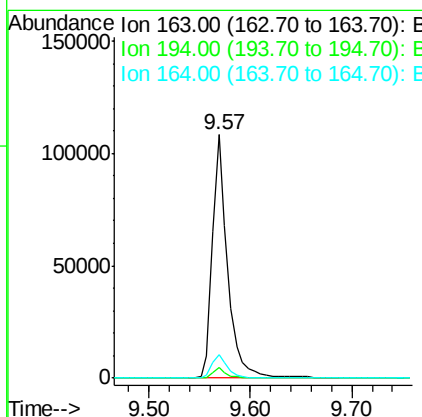
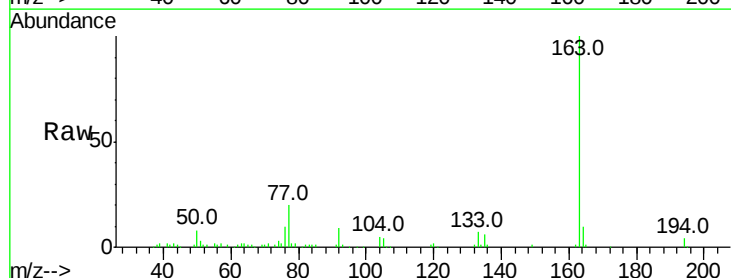
Instrument :
BNA_F
ClientSampleId :

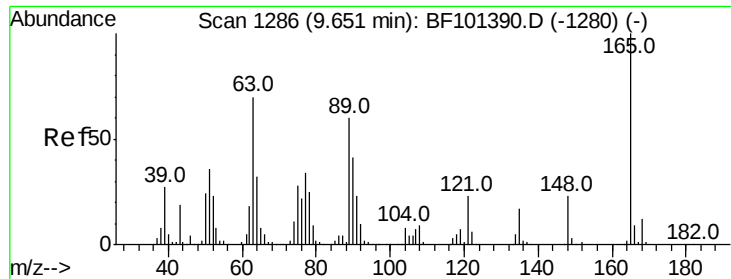
Tot Ion:172 Resp: 1234971
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 4.333 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

Tgt Ion:163 Resp: 113155
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.9 8.2 12.2

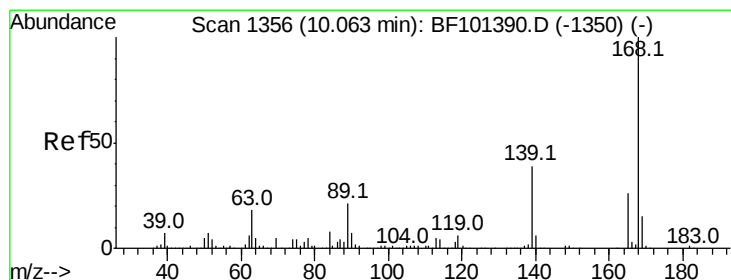
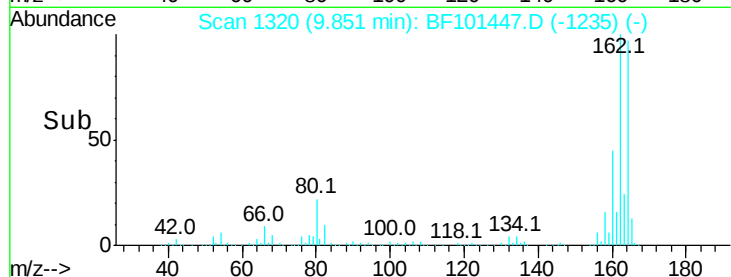
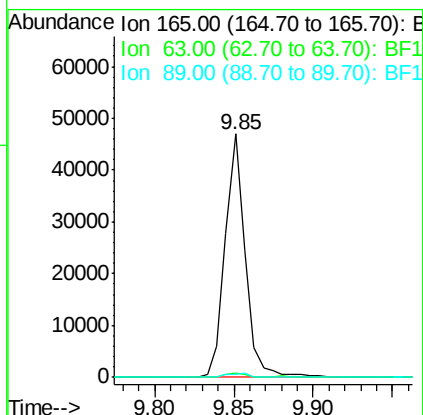
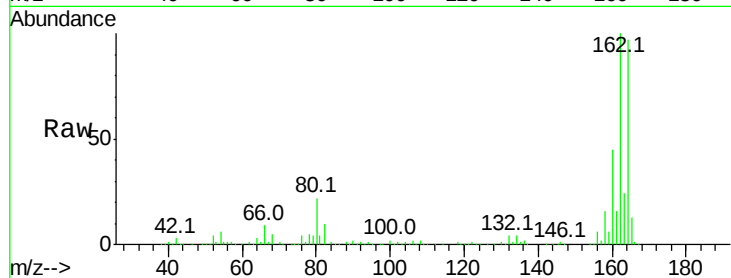




#50
2,6-Dinitrotoluene
Concen: 7.793 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

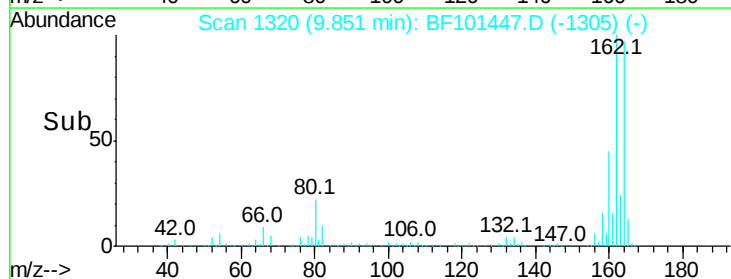
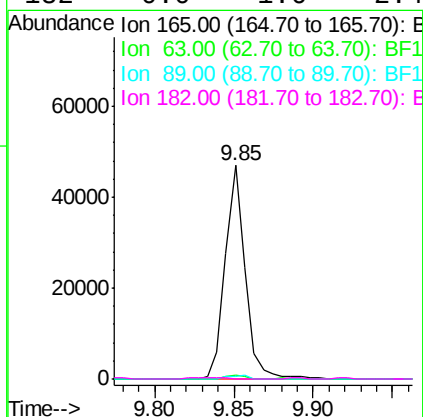
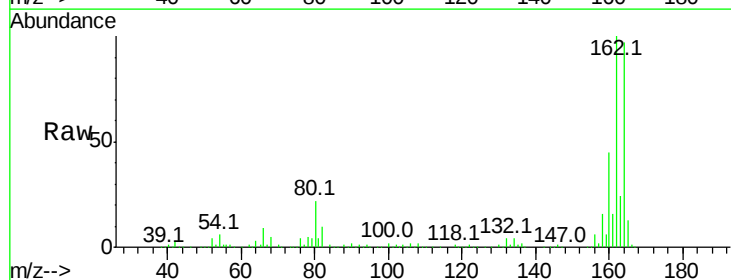
Instrument :
BNA_F
ClientSampleId :

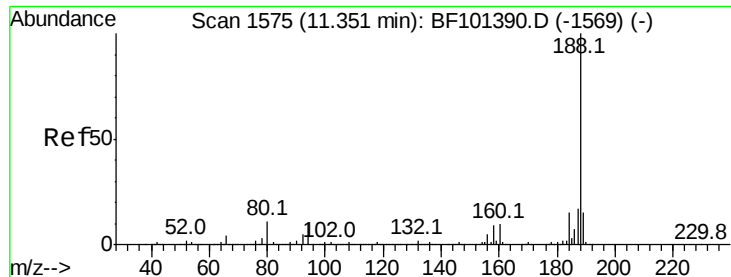
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.917 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF101447.D
Acq: 15 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101447.D

Acq: 15 Dec 2017 17:12

Instrument :

BNA_F

ClientSampleId :

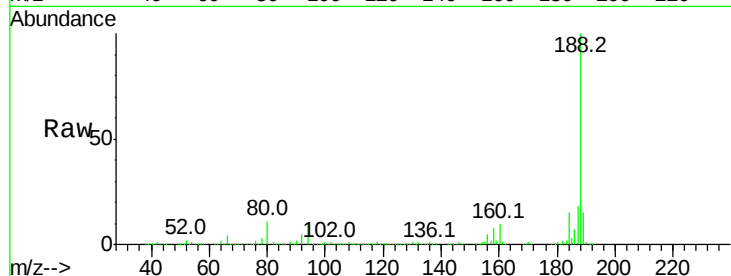
Tot Ion:188 Resp: 590905

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

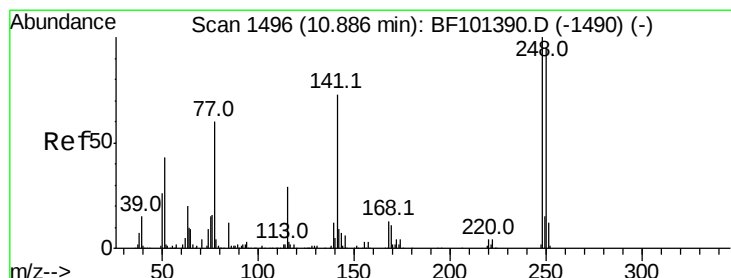
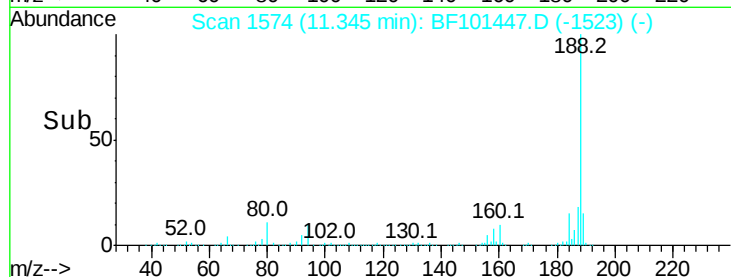
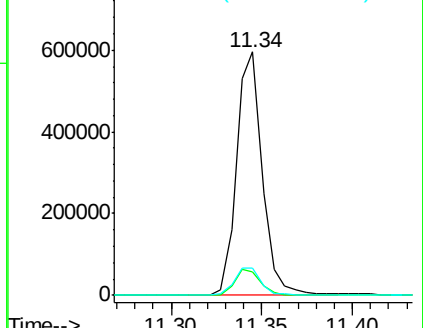
80 11.0 9.2 13.8



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: 2.852 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.24 min

Lab File: BF101447.D

Acq: 15 Dec 2017 17:12

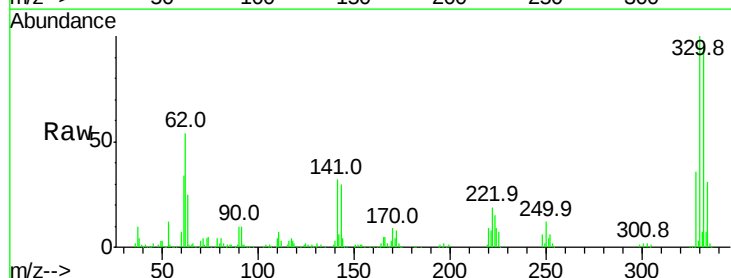
Tgt Ion:248 Resp: 18939

Ion Ratio Lower Upper

248 100

250 191.8 76.9 115.3#

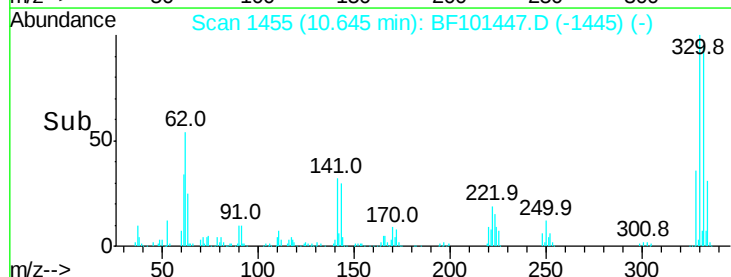
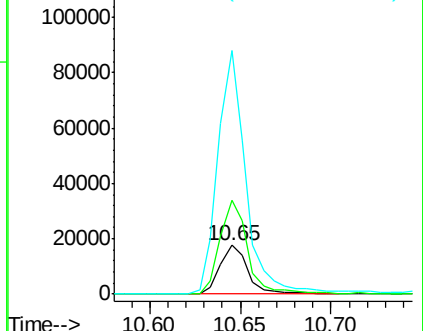
141 499.1 74.4 111.6#

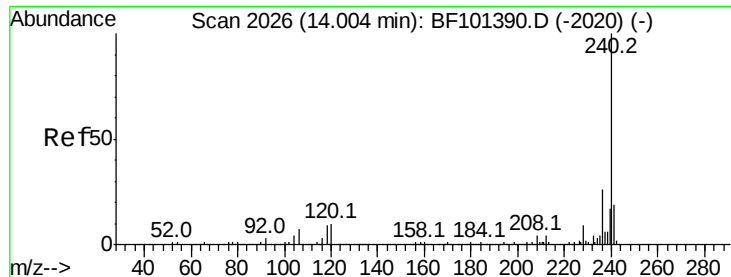


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF101447.D

Acq: 15 Dec 2017 17:12

Instrument :

BNA_F

ClientSampleId :

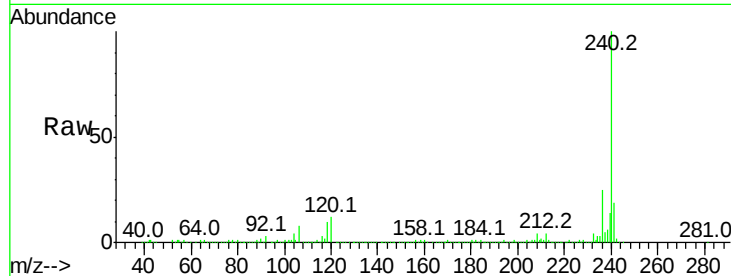
Tot Ion:240 Resp: 391730

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

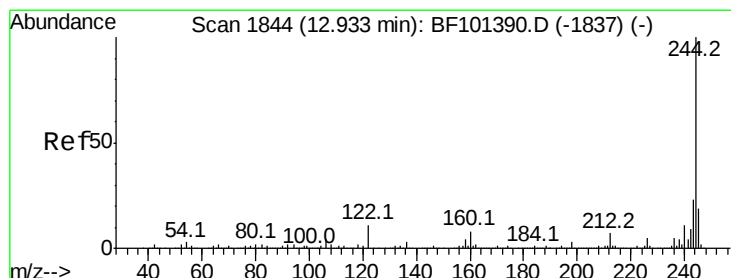
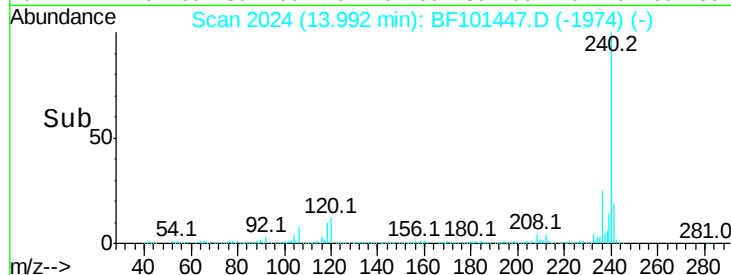
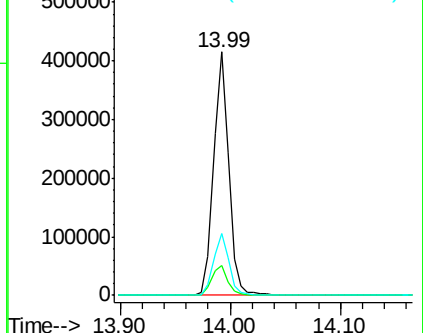
236 25.2 20.7 31.1



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: 68.165 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101447.D

Acq: 15 Dec 2017 17:12

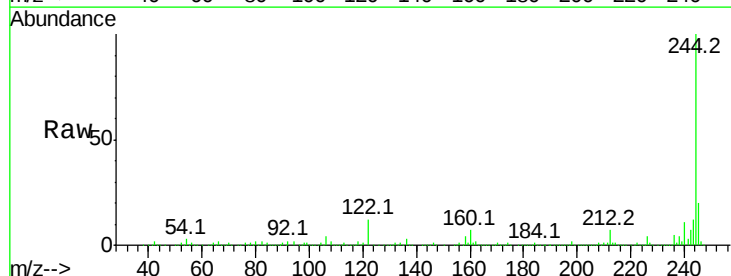
Tgt Ion:244 Resp: 1107627

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

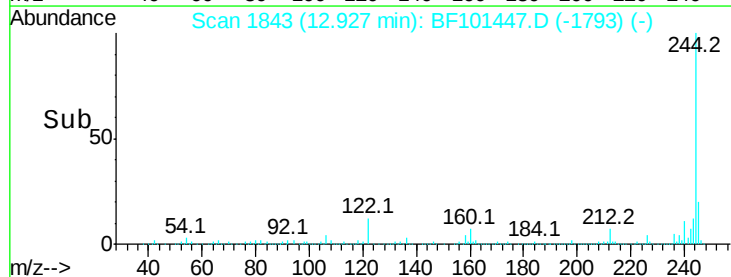
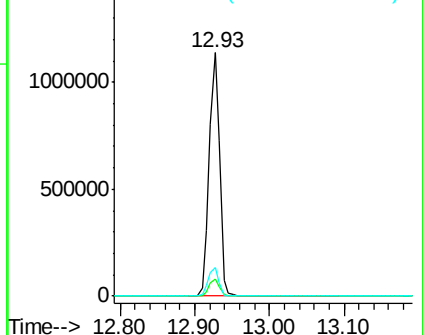
122 11.7 11.0 16.4

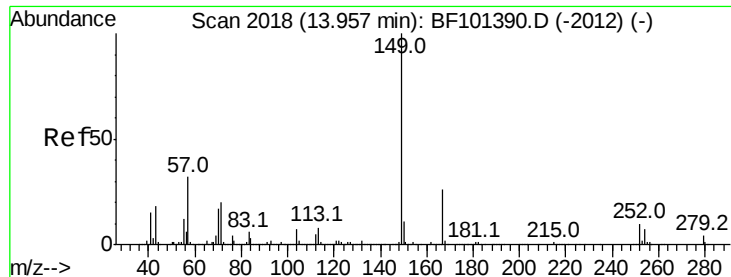


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

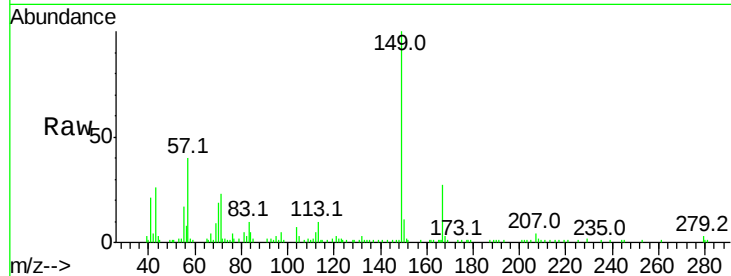




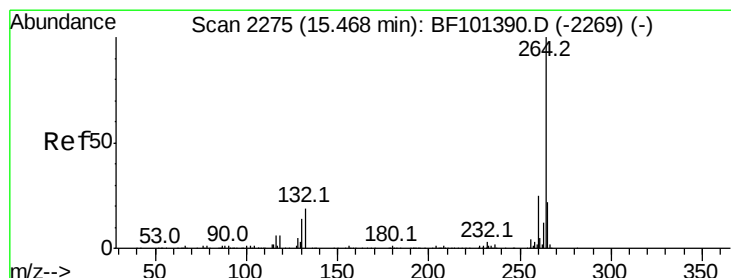
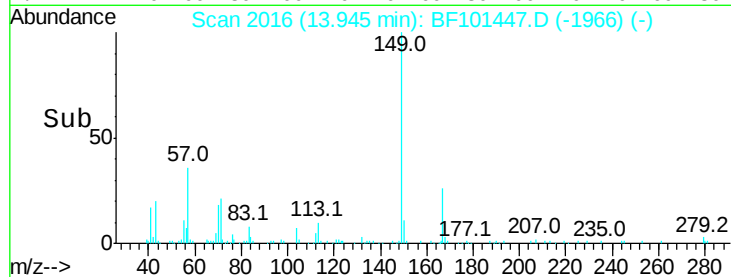
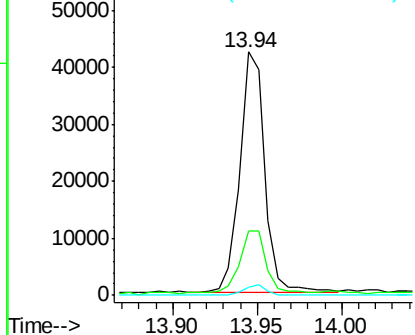
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.577 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF101447.D
 Acq: 15 Dec 2017 17:12

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:149 Resp: 43420
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.2 3.0 4.4

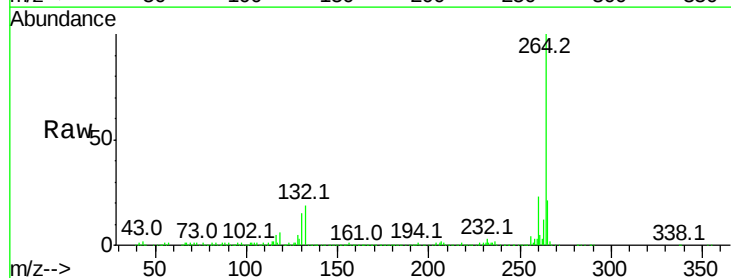


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101447.D
 Acq: 15 Dec 2017 17:12

Tgt Ion:264 Resp: 360364
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.0 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

