

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101733.D
 Acq On : 27 Dec 2017 00:14
 Operator : SJ/JU
 Sample : I6957-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

Quant Time: Dec 27 06:38:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

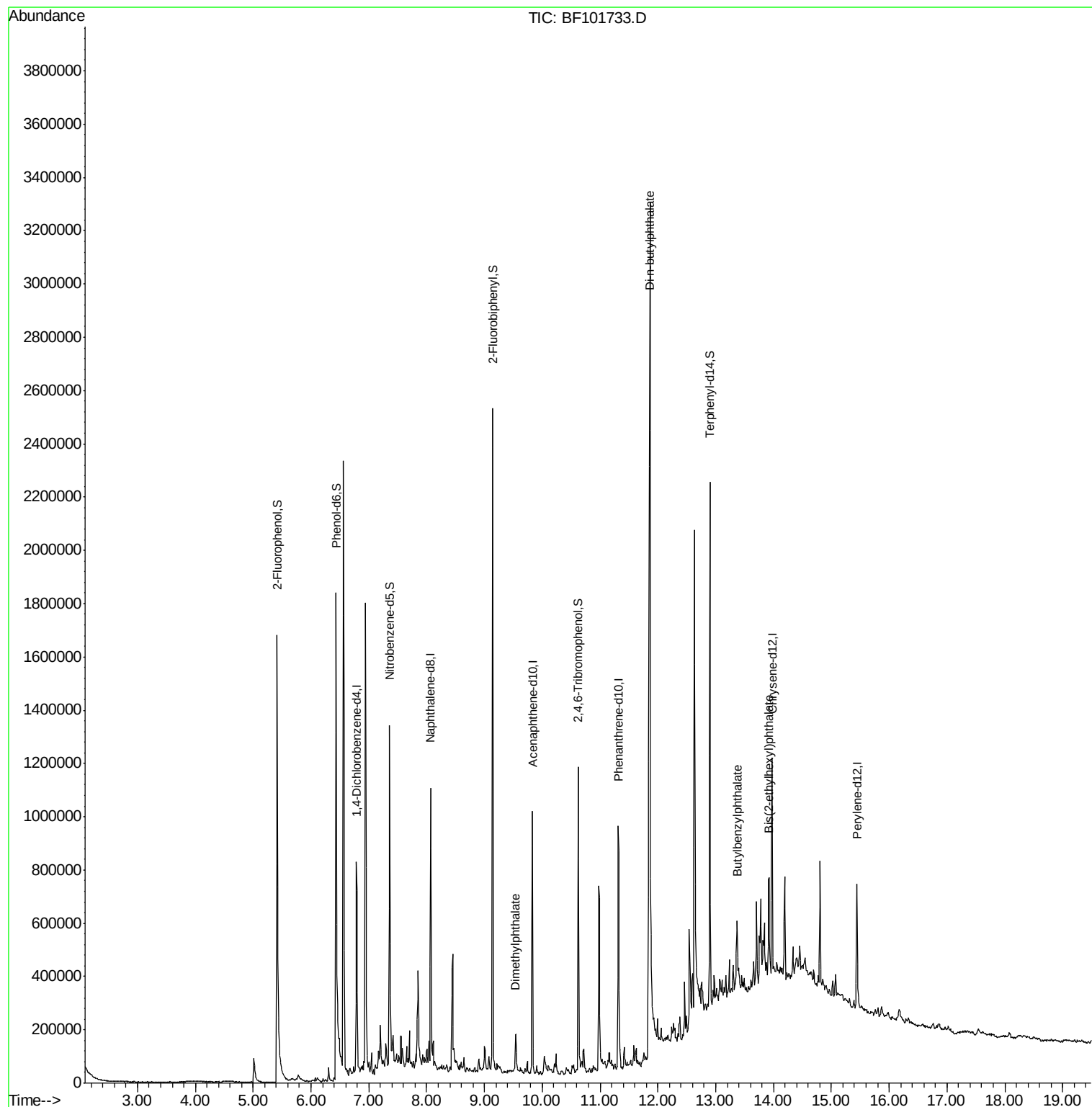
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131514	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	489741	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	198983	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	341251	20.00	ng	0.00
75) Chrysene-d12	13.97	240	309298	20.00	ng	0.00
86) Perylene-d12	15.44	264	259365	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	708330	80.23	ng	0.00
7) Phenol-d6	6.43	99	849249	77.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	492639	56.00	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	144505	75.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	827876	64.54	ng	0.00
78) Terphenyl-d14	12.90	244	712753	55.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	50818	3.175	ng	Qvalue
73) Di-n-butylphthalate	11.86	149	55691	2.528	ng	# 97
79) Butylbenzylphthalate	13.37	149	36456	3.471	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.92	149	129727	9.751	ng	98

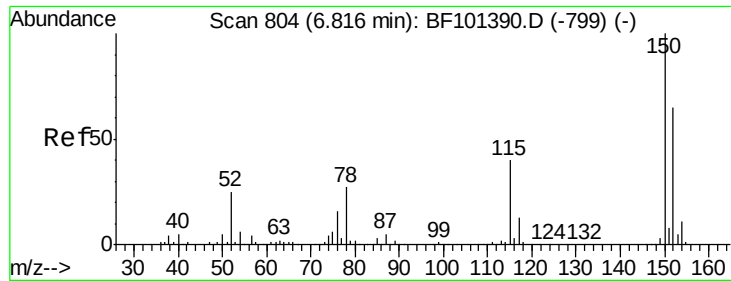
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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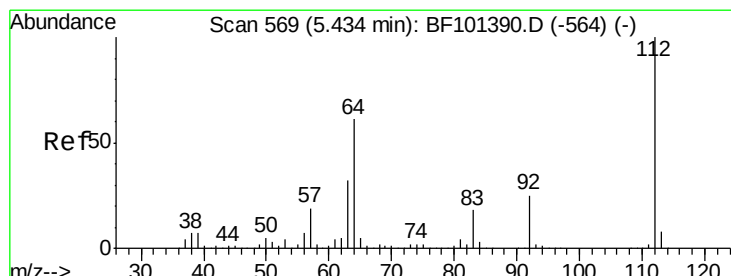
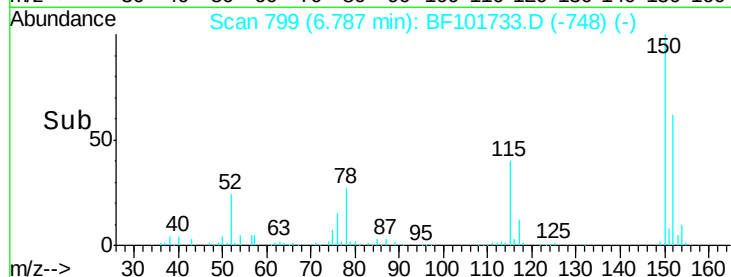
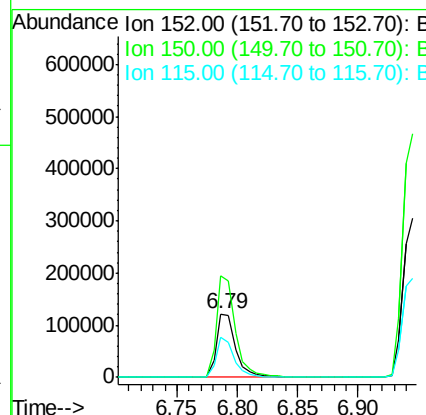
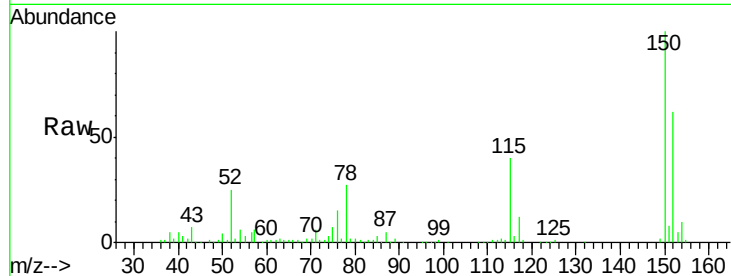


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101733.D
Acq: 27 Dec 2017 00:14

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

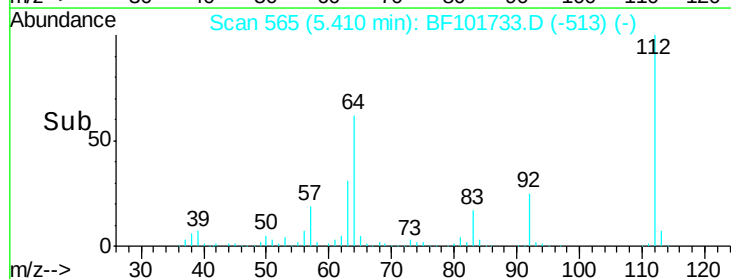
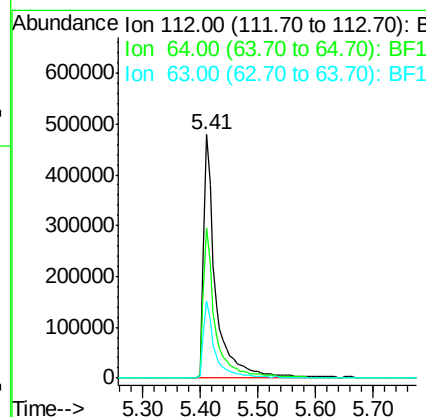
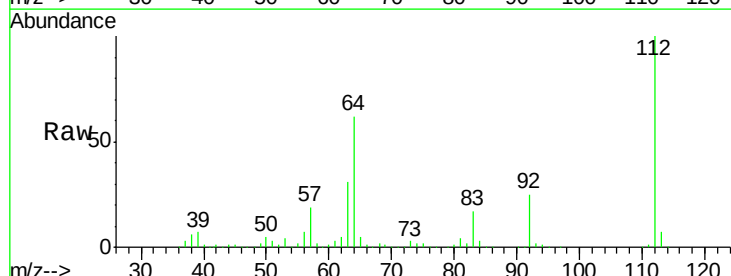
Tgt Ion:152 Resp: 131514
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 63.7 50.1 75.1

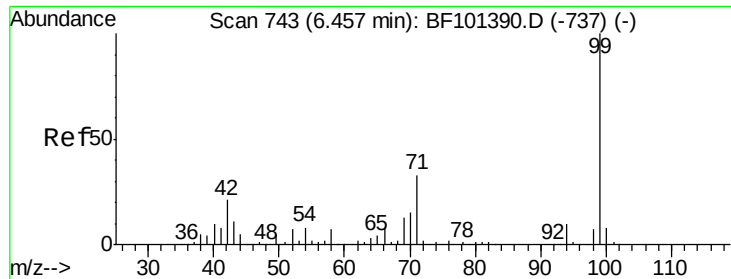


#5

2-Fluorophenol
Concen: 80.228 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101733.D
Acq: 27 Dec 2017 00:14

Tgt Ion:112 Resp: 708330
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 77.289 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

Instrument :

BNA_F

ClientSampleId :

HALSTED-SW

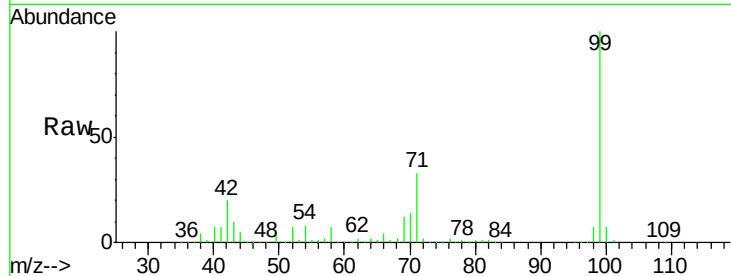
Tgt Ion: 99 Resp: 849249

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

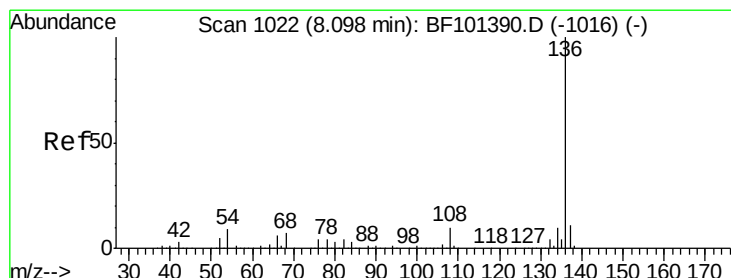
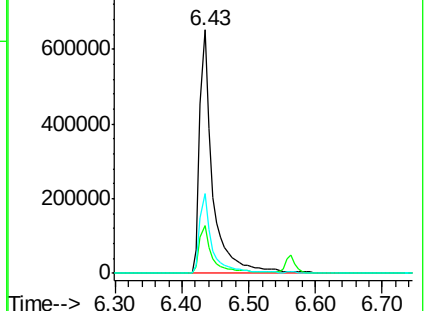
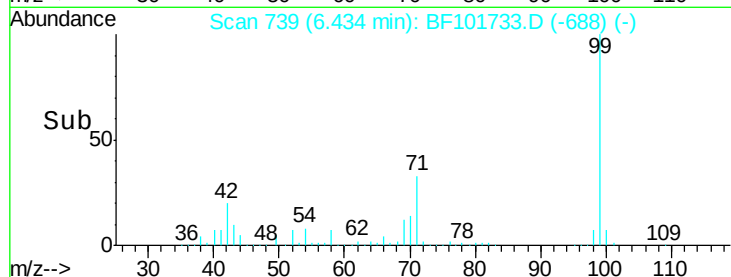
71 32.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

Tgt Ion: 136 Resp: 489741

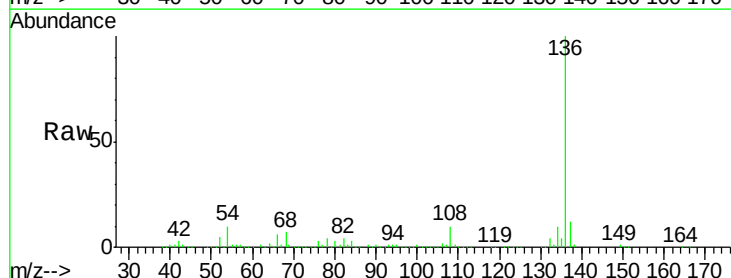
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 9.7 6.6 9.8

68 7.3 5.0 7.4

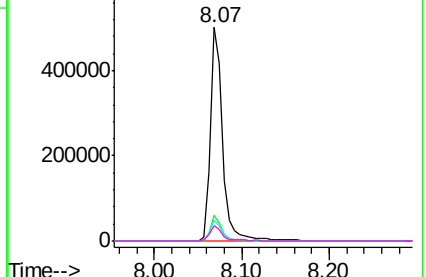
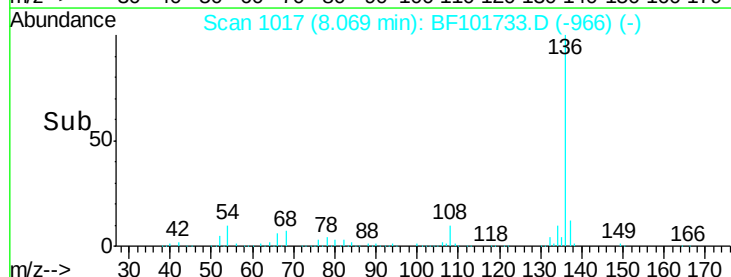


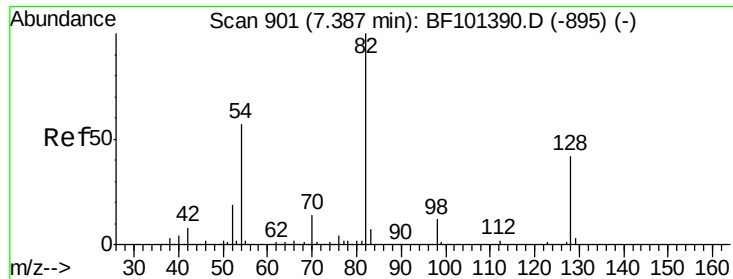
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

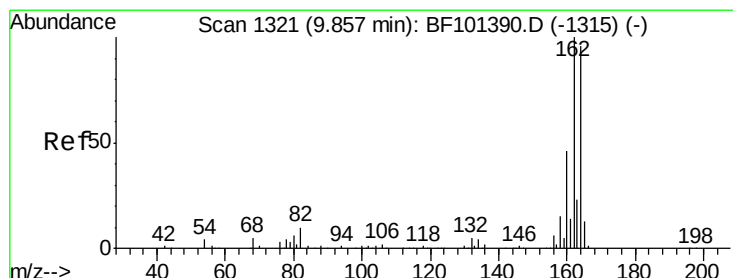
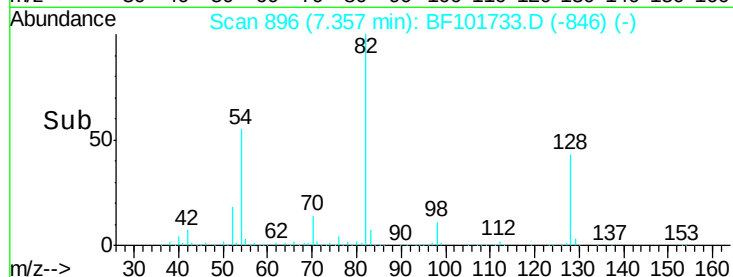
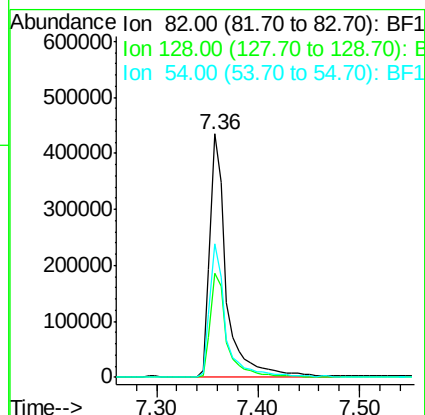
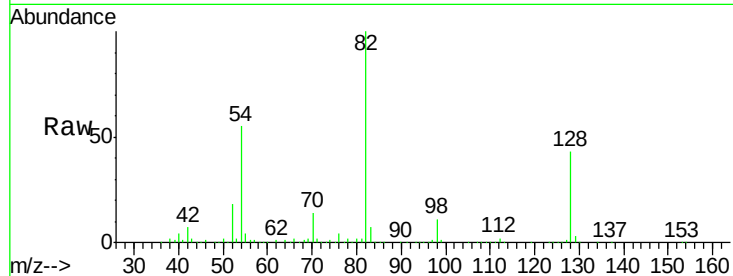




#23
Nitrobenzene-d5
Concen: 55.995 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101733.D
Acq: 27 Dec 2017 00:14

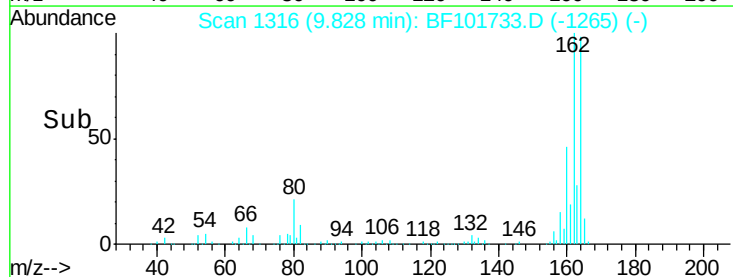
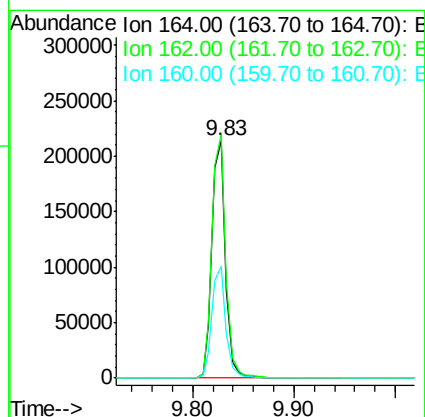
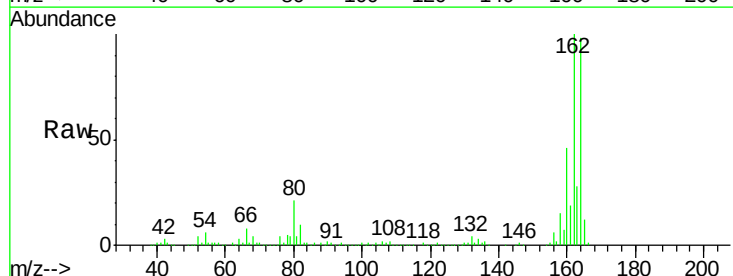
Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

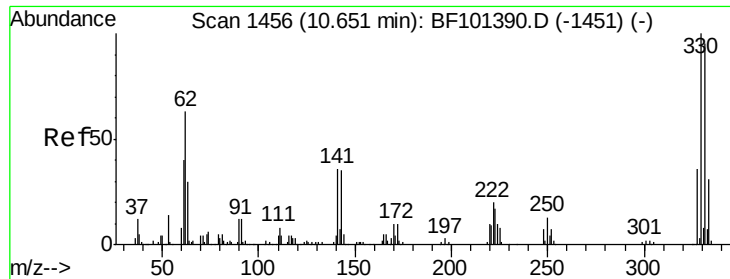
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	54.9	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101733.D
Acq: 27 Dec 2017 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	47.0	38.3	57.5

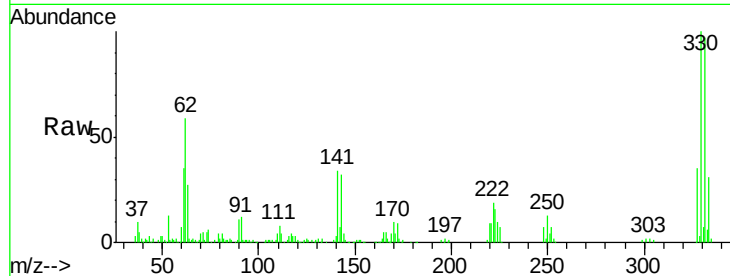




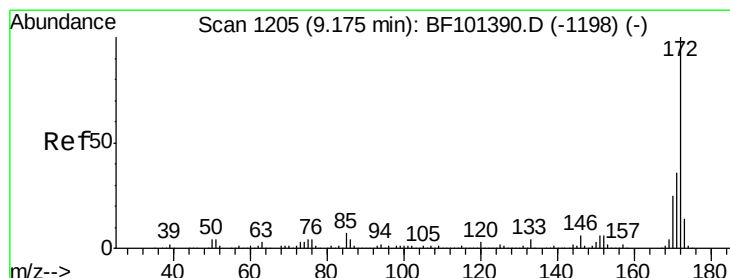
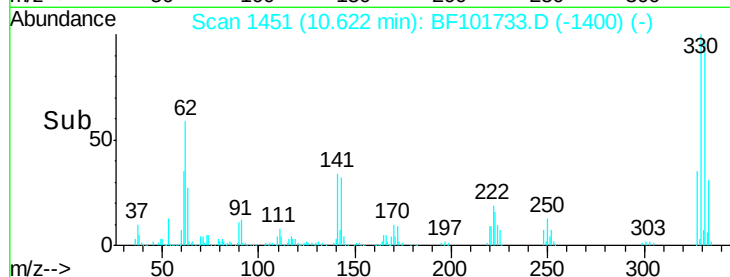
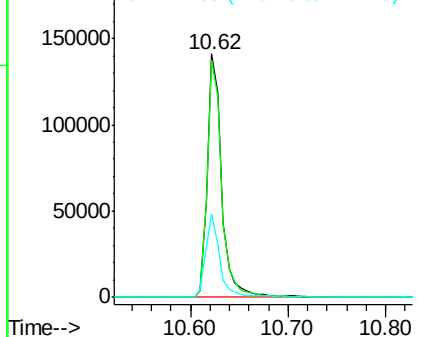
#41
 2,4,6-Tribromophenol
 Concen: 75.367 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101733.D
 Acq: 27 Dec 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.0	29.9	44.9

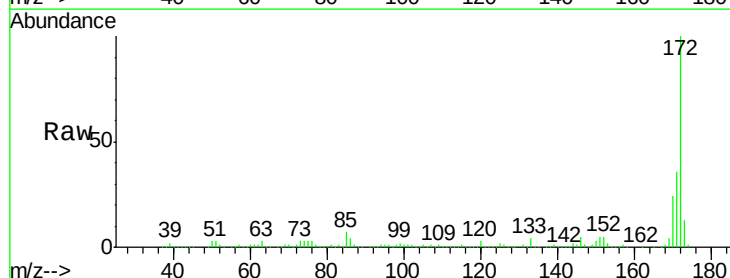


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

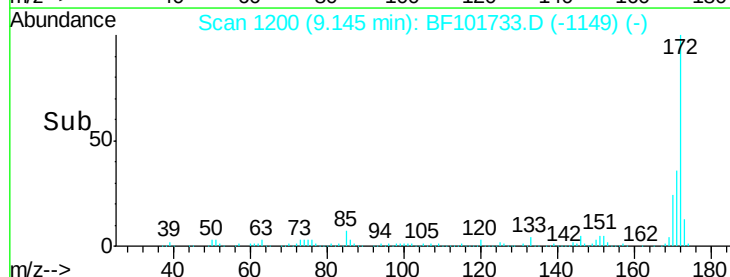
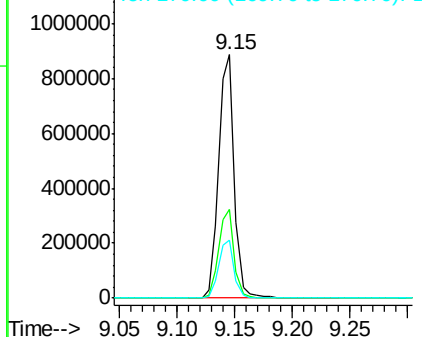


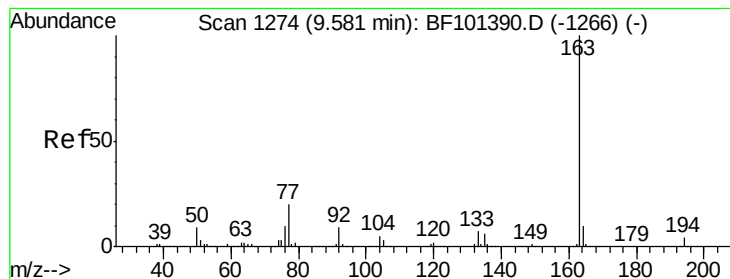
#44
 2-Fluorobiphenyl
 Concen: 64.540 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101733.D
 Acq: 27 Dec 2017 00:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	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: 3.175 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

Instrument :

BNA_F

ClientSampleId :

HALSTED-SW

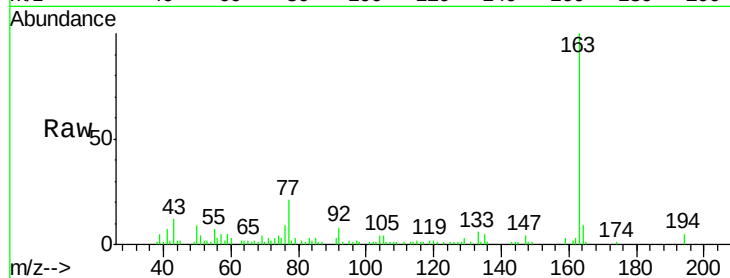
Tgt Ion:163 Resp: 50818

Ion Ratio Lower Upper

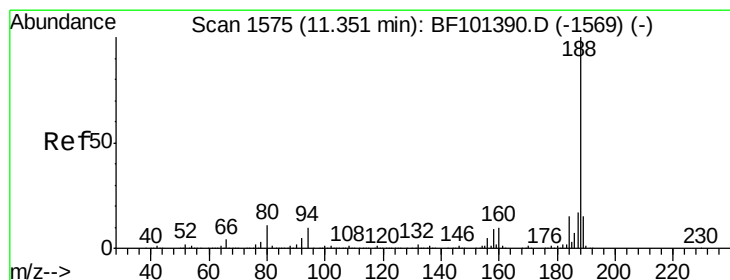
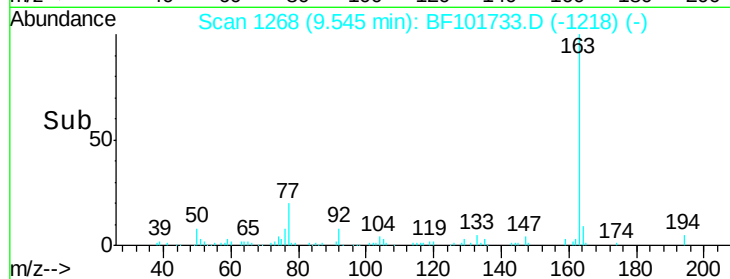
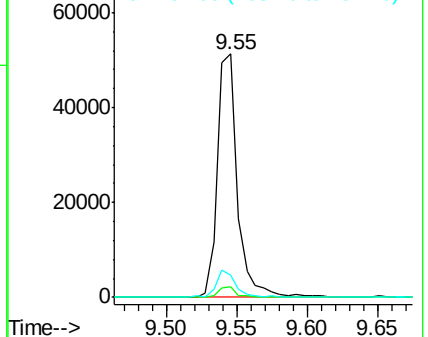
163 100

194 4.6 2.7 4.1#

164 9.2 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

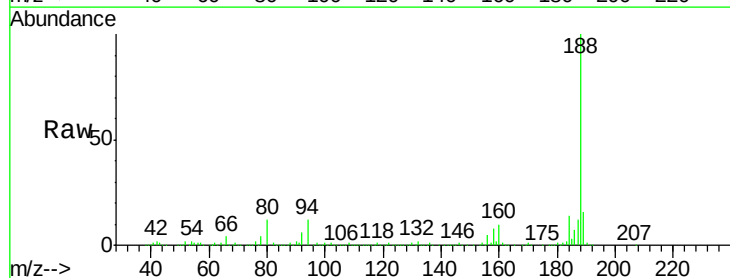
Tgt Ion:188 Resp: 341251

Ion Ratio Lower Upper

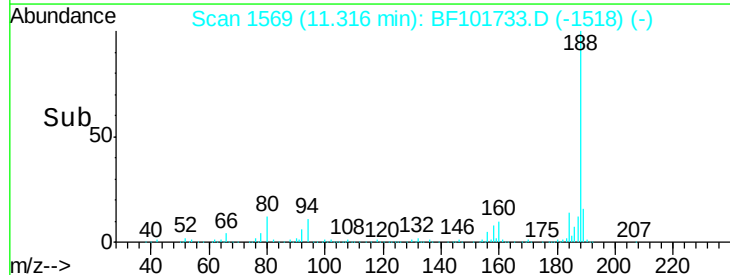
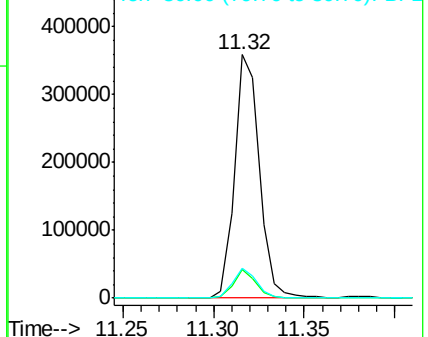
188 100

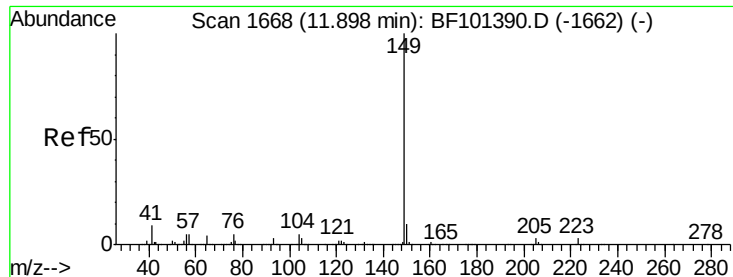
94 11.6 8.5 12.7

80 12.2 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





#73

Di-n-butylphthalate

Concen: 2.528 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

Instrument :

BNA_F

ClientSampleId :

HALSTED-SW

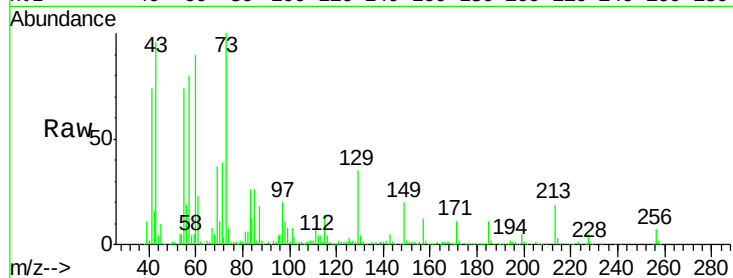
Tgt Ion:149 Resp: 55691

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

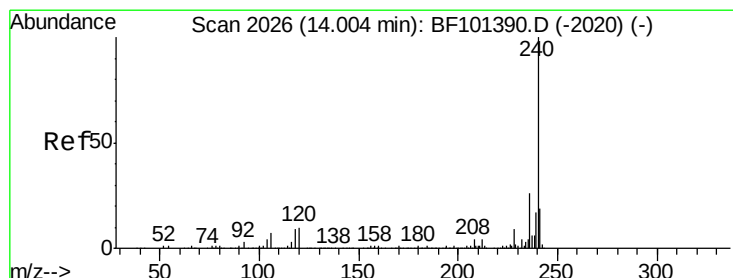
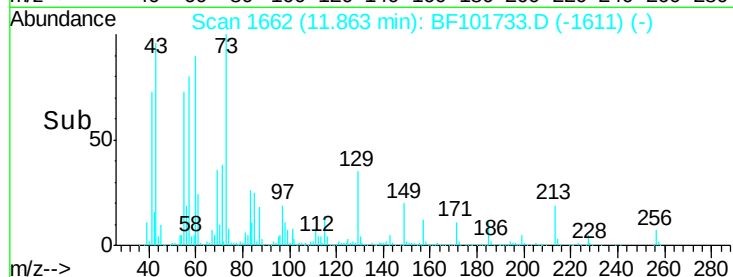
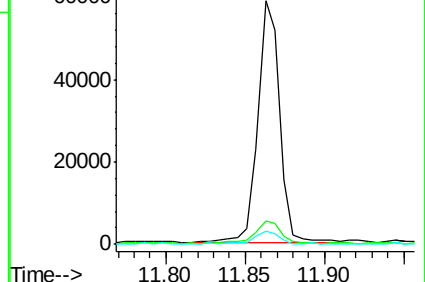
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

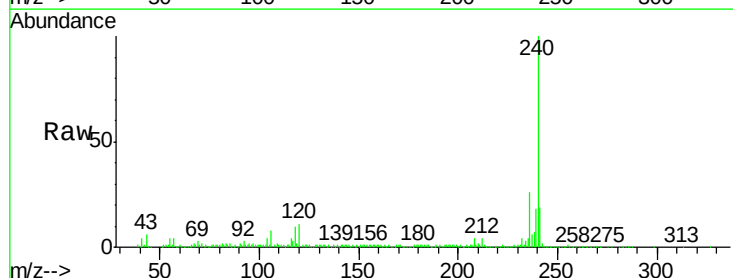
Tgt Ion:240 Resp: 309298

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

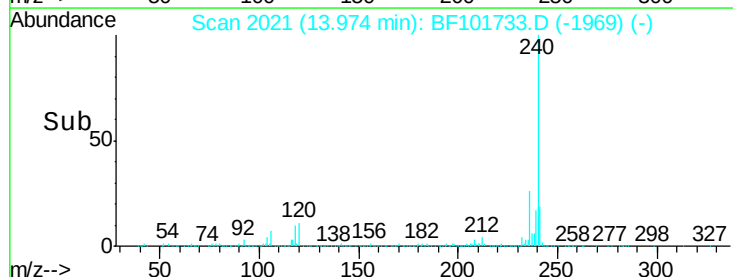
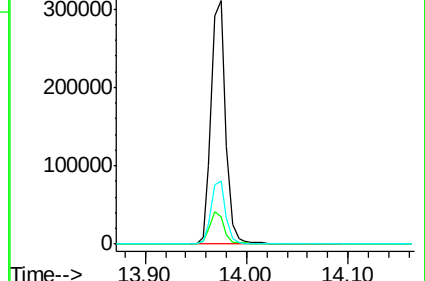
236 25.8 20.7 31.1

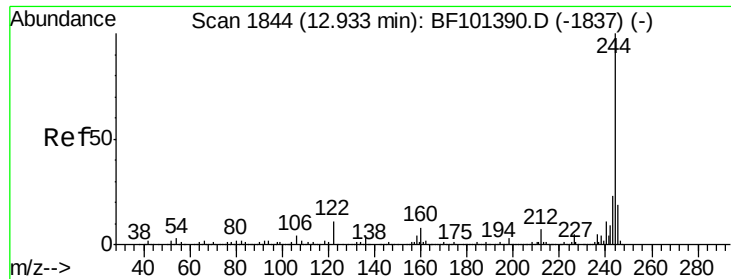


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.554 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

Instrument :

BNA_F

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HALSTED-SW

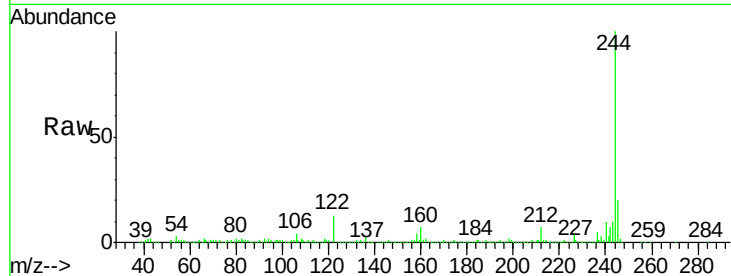
Tgt Ion:244 Resp: 712753

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

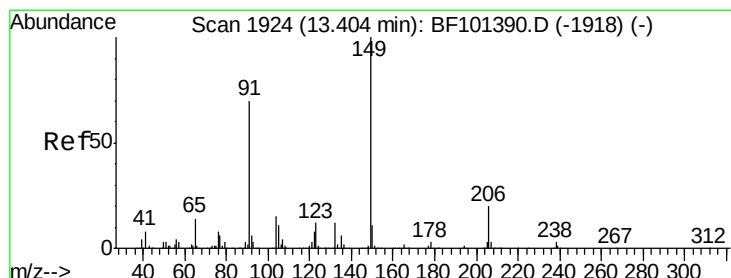
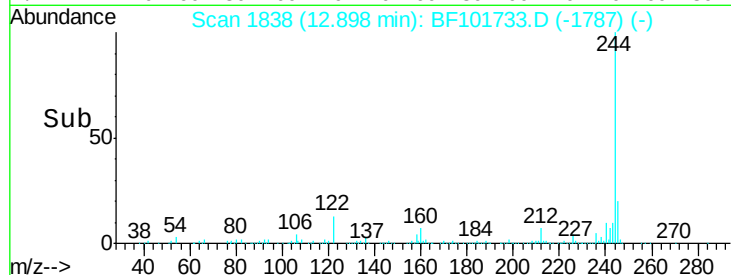
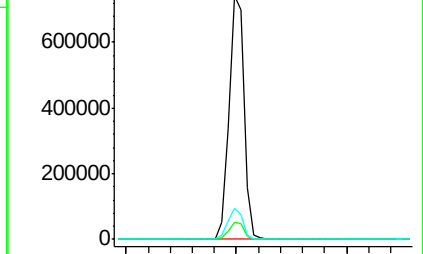
122 12.7 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 3.471 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF101733.D

Acq: 27 Dec 2017 00:14

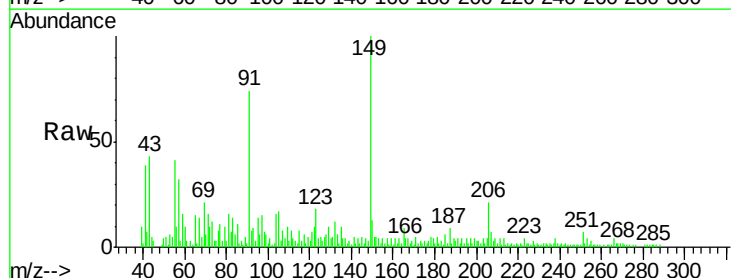
Tgt Ion:149 Resp: 36456

Ion Ratio Lower Upper

149 100

91 73.6 56.8 85.2

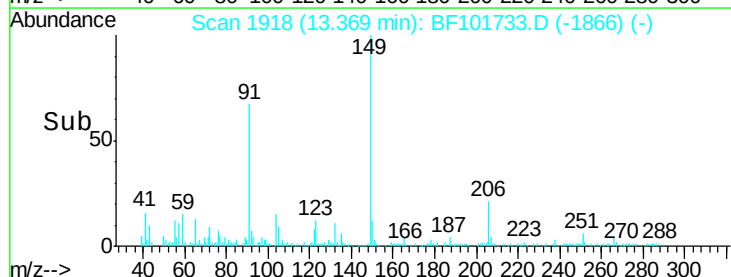
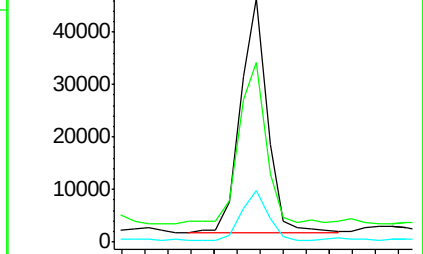
206 21.3 14.1 21.1#

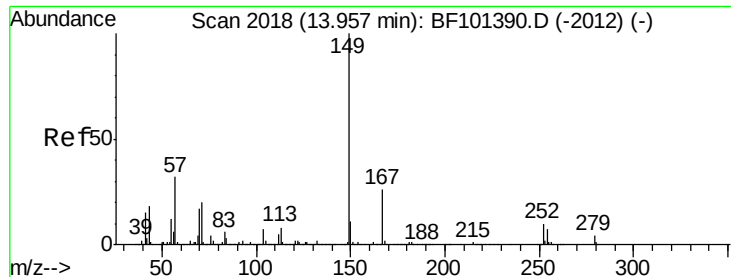


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

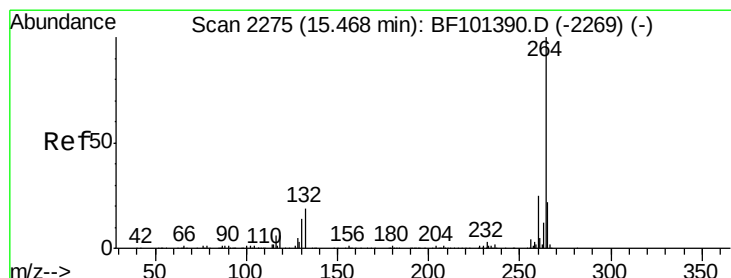
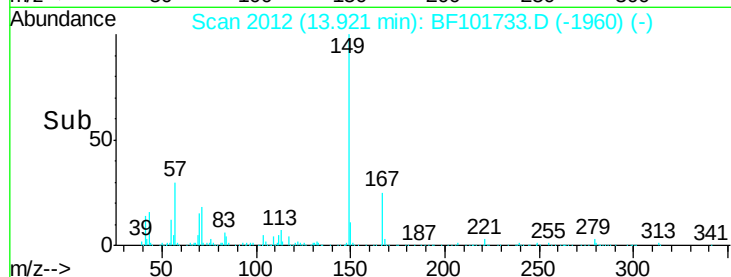
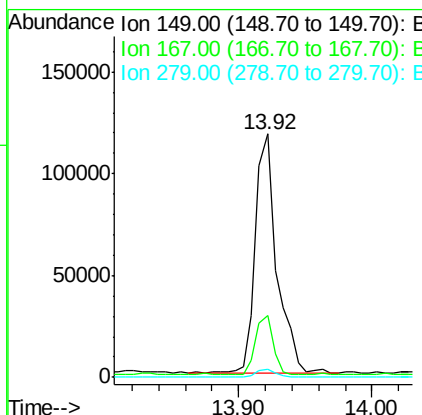
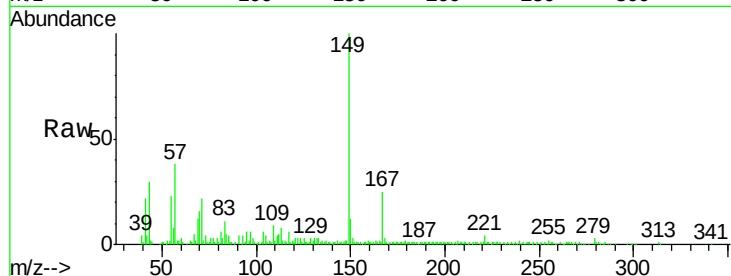




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.751 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF101733.D
 Acq: 27 Dec 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.3	31.9
279	3.3	3.0	4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF101733.D
 Acq: 27 Dec 2017 00:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3

