

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101734.D
 Acq On : 27 Dec 2017 00:40
 Operator : SJ/JU
 Sample : I6957-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-EW

Quant Time: Dec 27 06:42:26 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

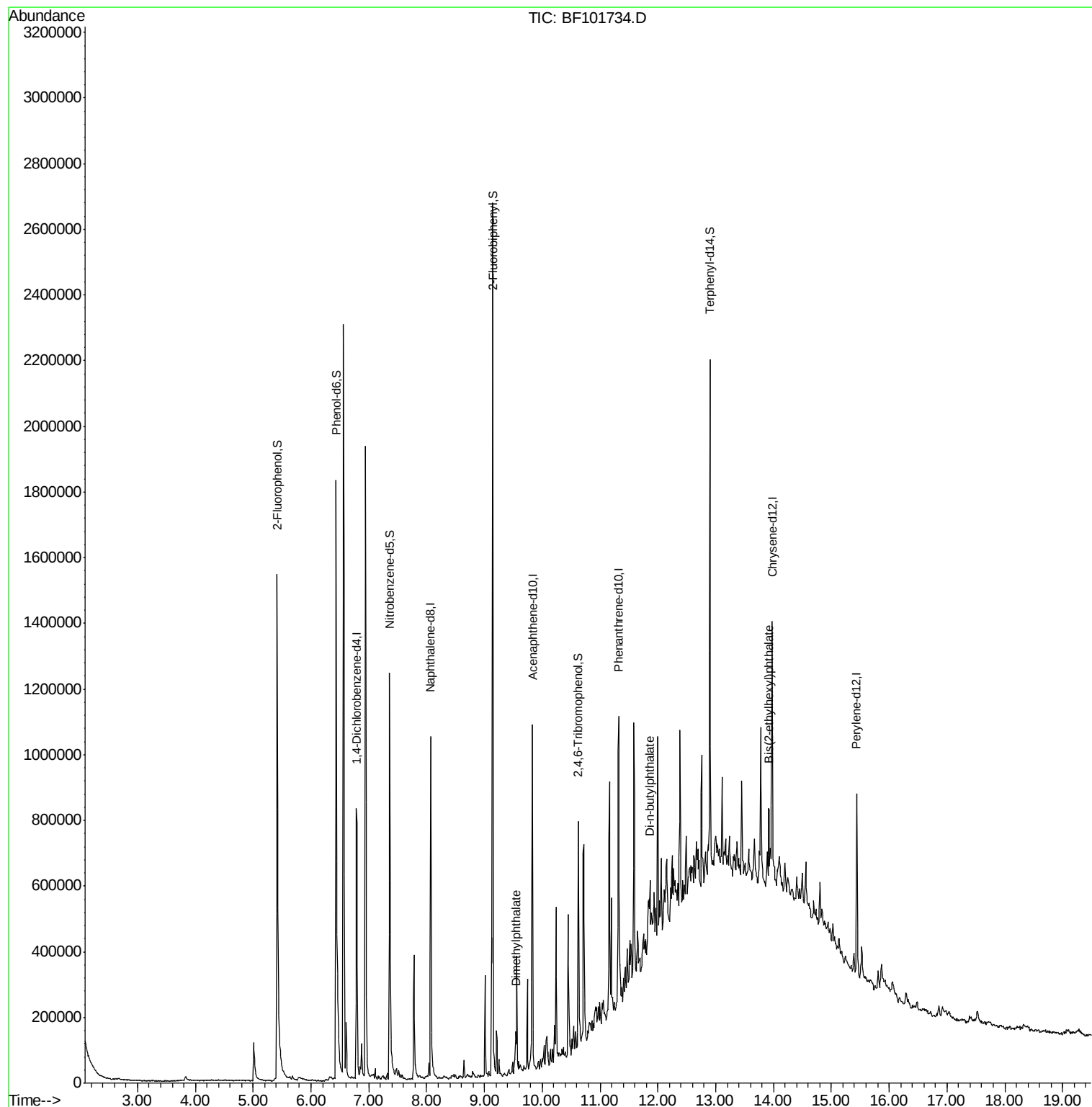
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147045	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	541339	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	207745	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	334433	20.00	ng	0.00
75) Chrysene-d12	13.97	240	288044	20.00	ng	0.00
86) Perylene-d12	15.44	264	295164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	698670	70.78	ng	0.00
7) Phenol-d6	6.43	99	830760	67.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	510393	52.48	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	99610	49.76	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	845385	63.13	ng	0.00
78) Terphenyl-d14	12.90	244	608382	50.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	54589	3.267	ng	99
73) Di-n-butylphthalate	11.86	149	93770	4.344	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	65942	5.322	ng	# 96

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

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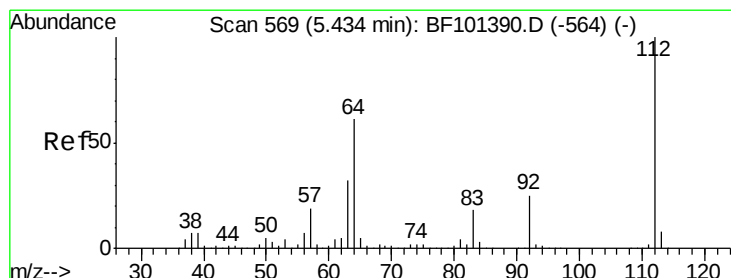
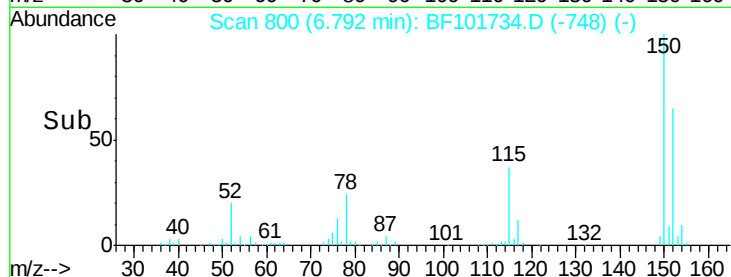
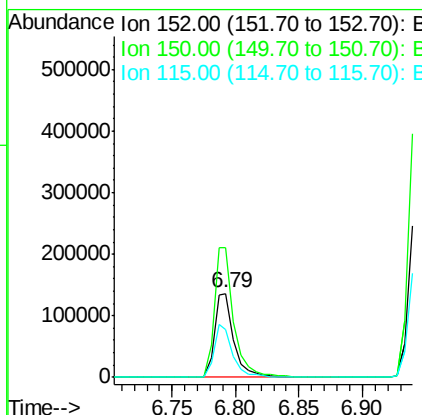
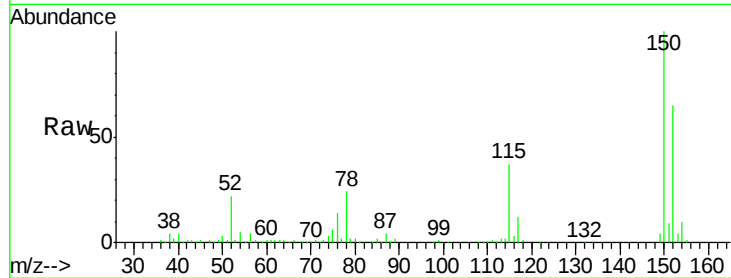




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

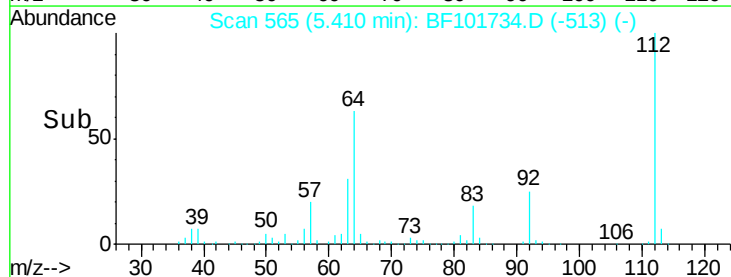
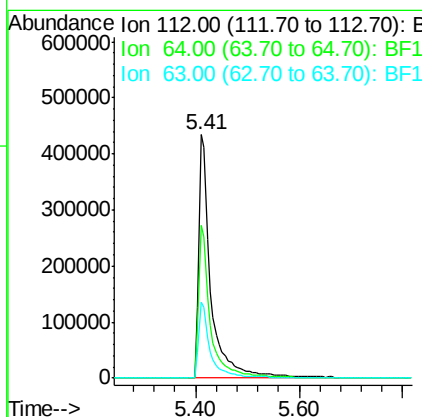
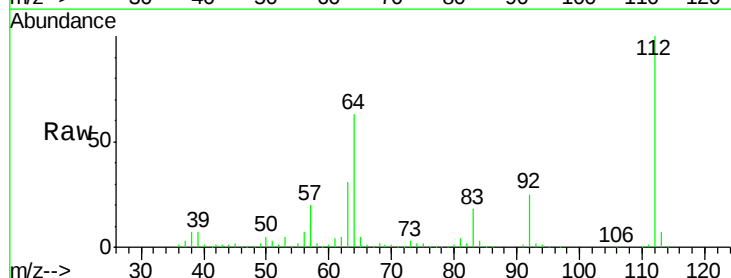
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-EW

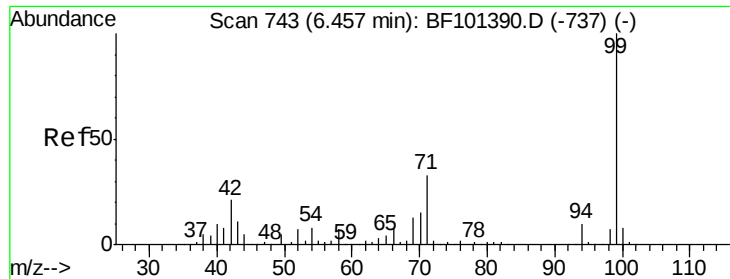
Tgt Ion:152 Resp: 147045
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 56.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 70.776 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

Tgt Ion:112 Resp: 698670
 Ion Ratio Lower Upper
 112 100
 64 62.7 47.9 71.9
 63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 67.621 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

Instrument :

BNA_F

ClientSampleId :

HALSTED-EW

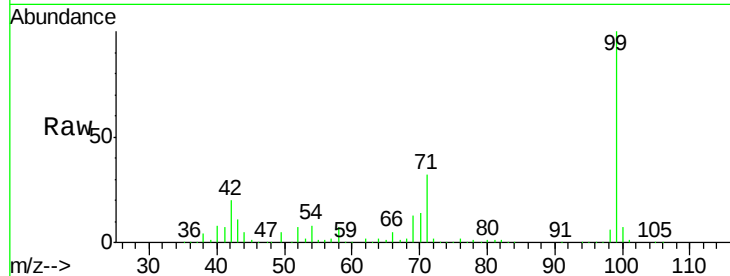
Tgt Ion: 99 Resp: 830760

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

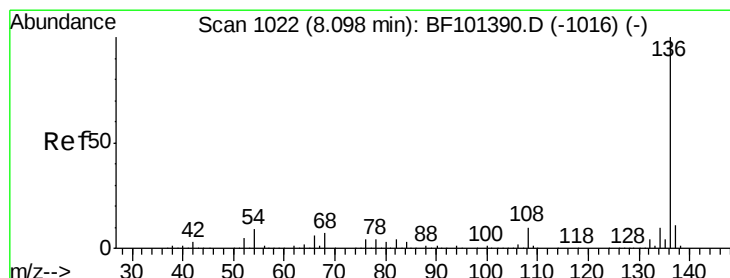
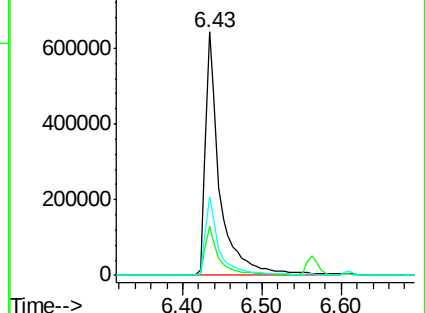
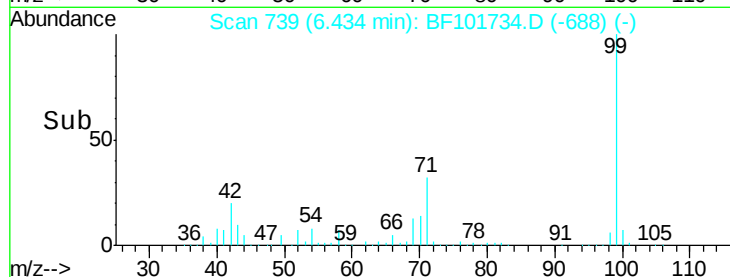
71 32.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

Tgt Ion: 136 Resp: 541339

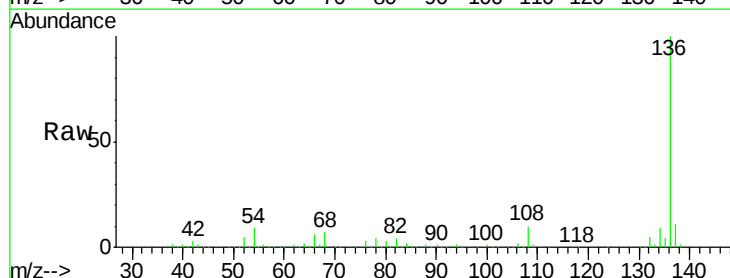
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 7.0 5.0 7.4

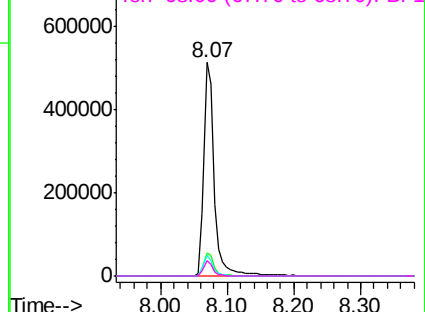
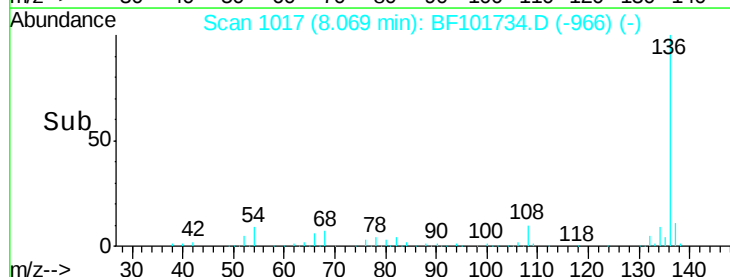


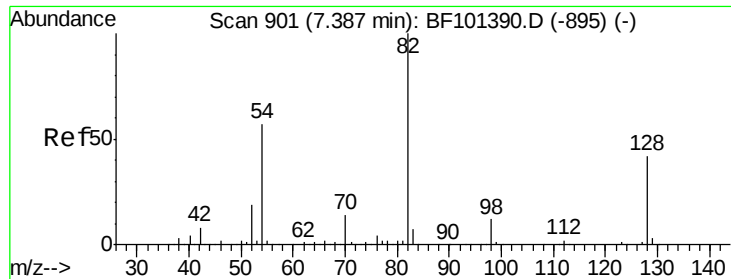
Abundance Ion 136.00 (135.70 to 136.70): E

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

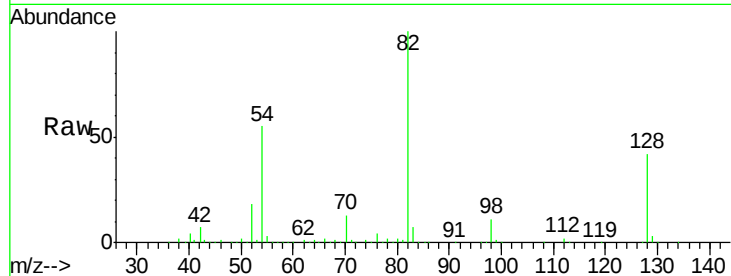




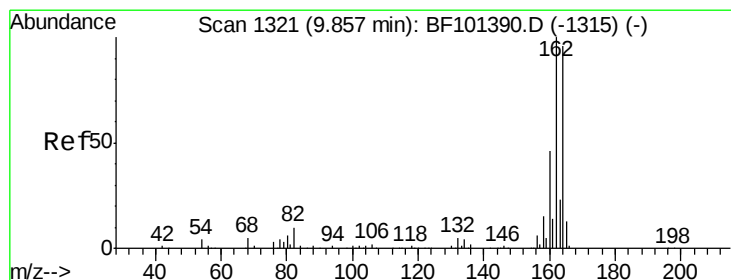
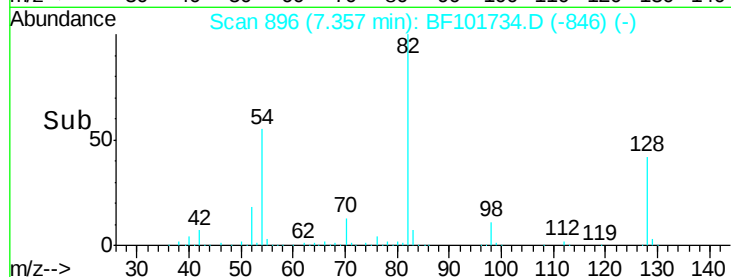
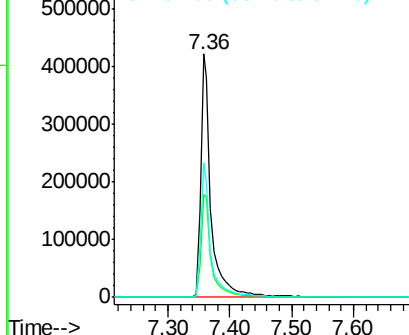
#23
 Nitrobenzene-d5
 Concen: 52.484 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-EW

Tgt Ion: 82 Resp: 510393
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 55.5 41.4 62.2

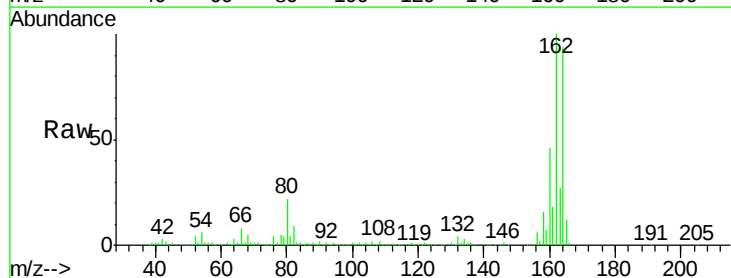


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

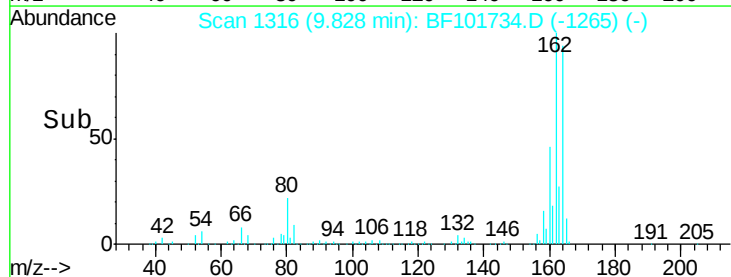
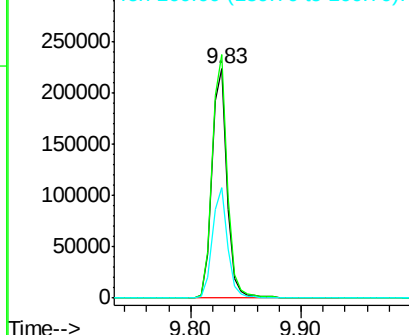


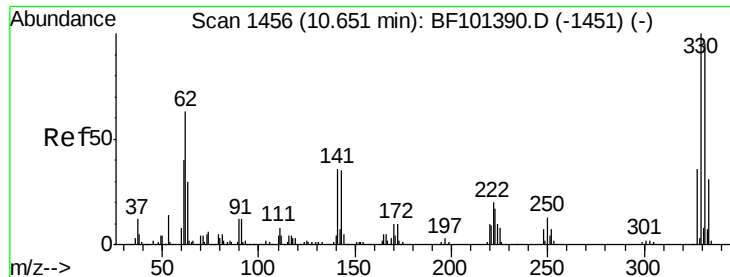
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

Tgt Ion: 164 Resp: 207745
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 48.5 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

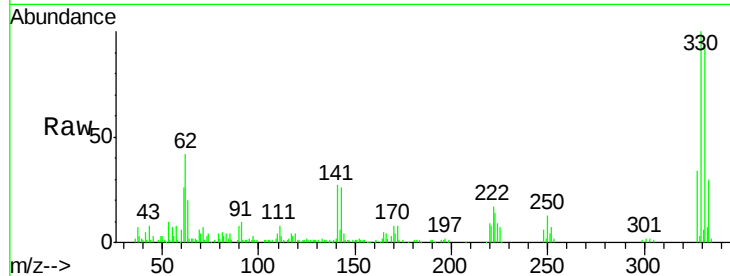




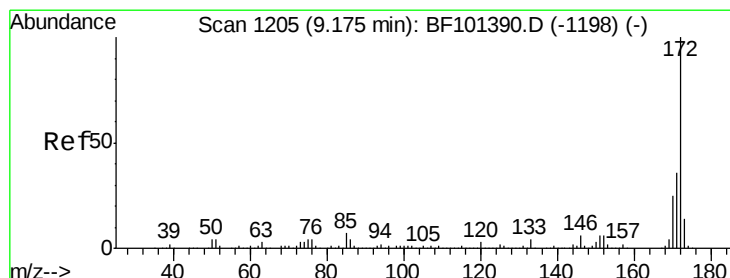
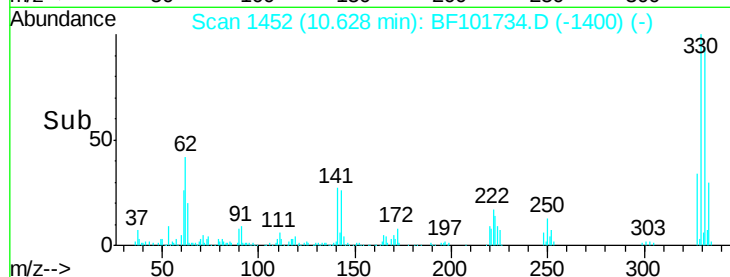
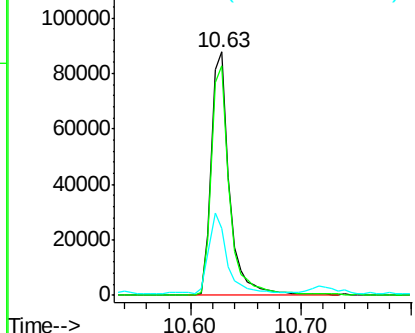
#41
 2,4,6-Tribromophenol
 Concen: 49.761 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-EW

Tgt Ion: 330 Resp: 99610
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.2 29.9 44.9

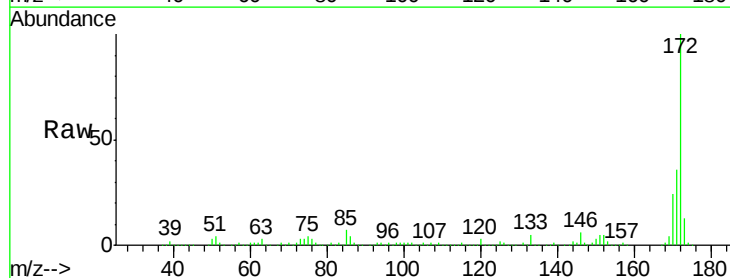


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

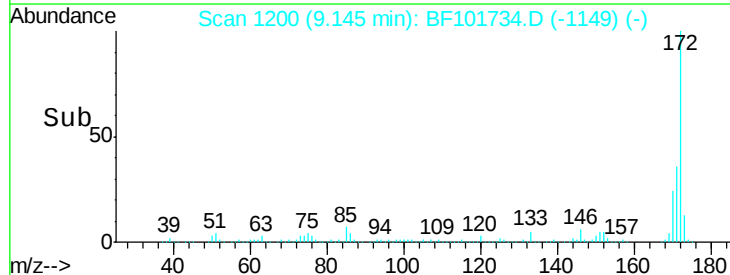
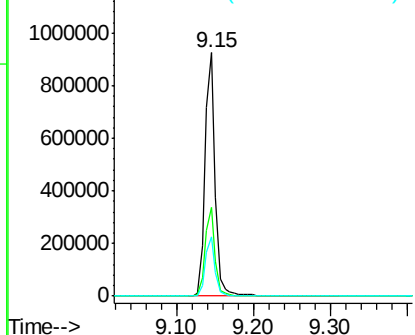


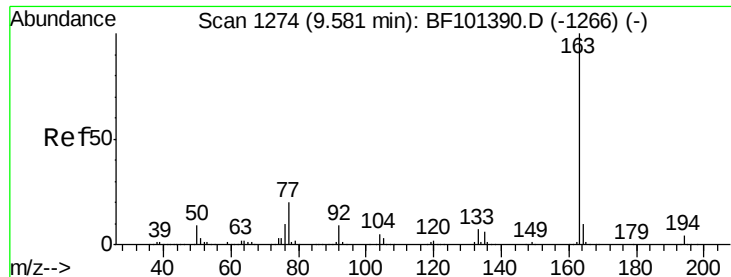
#44
 2-Fluorobiphenyl
 Concen: 63.125 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

Tgt Ion: 172 Resp: 845385
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 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

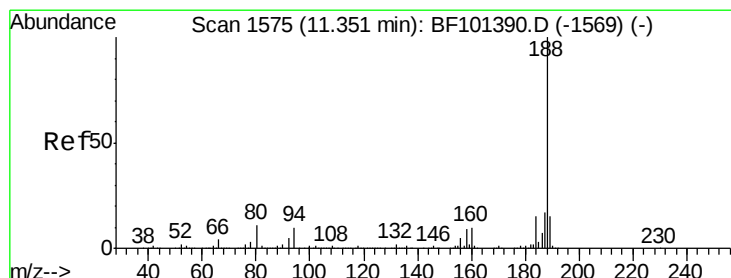
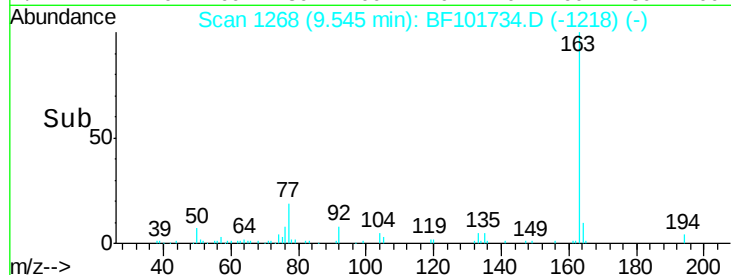
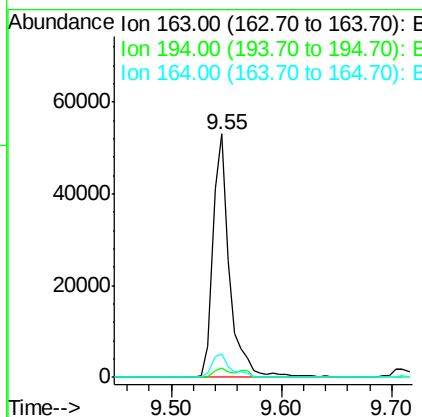
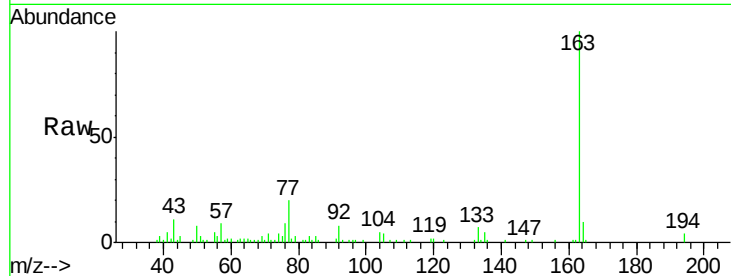




#49
Dimethylphthalate
Concen: 3.267 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101734.D
Acq: 27 Dec 2017 00:40

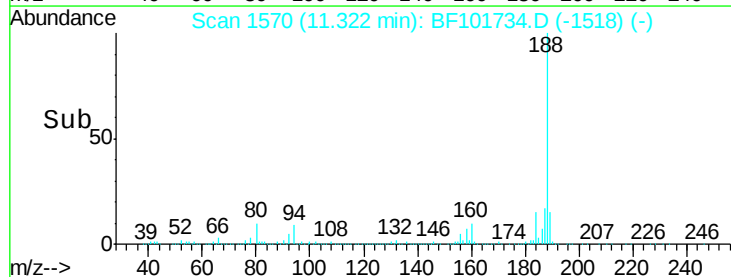
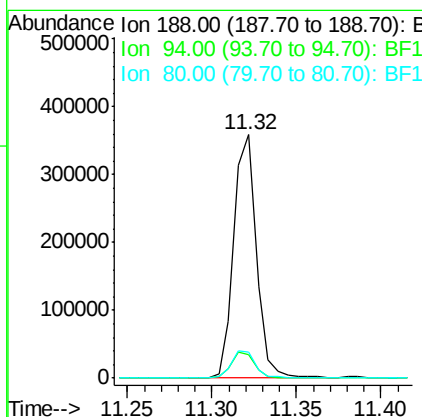
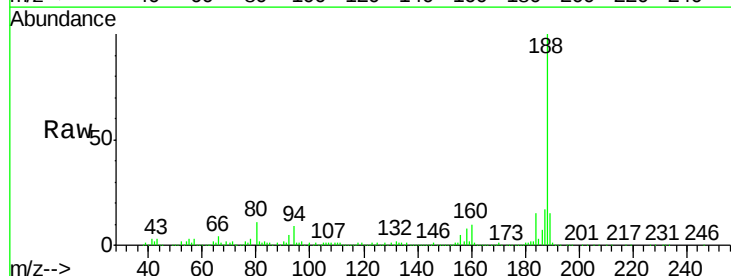
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BNA_F
ClientSampleId :
HALSTED-EW

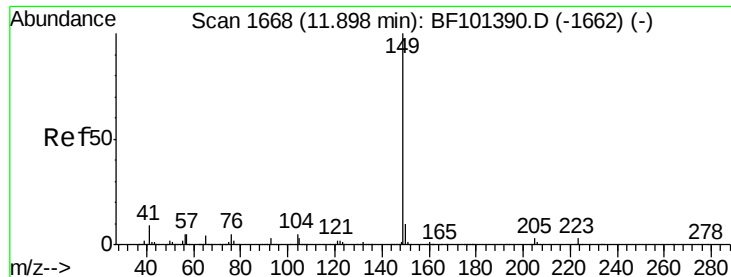
Tgt Ion:163 Resp: 54589
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101734.D
Acq: 27 Dec 2017 00:40

Tgt Ion:188 Resp: 334433
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.5 9.2 13.8





#73

Di-n-butylphthalate

Concen: 4.344 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

Instrument :

BNA_F

ClientSampleId :

HALSTED-EW

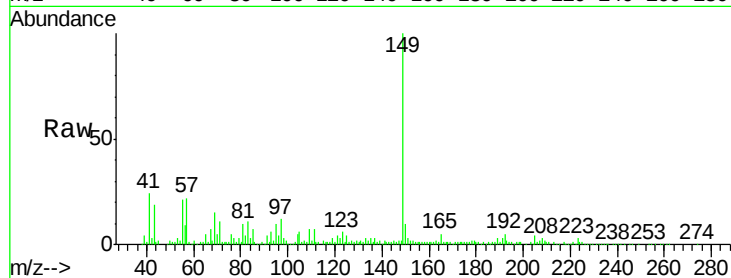
Tgt Ion:149 Resp: 93770

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

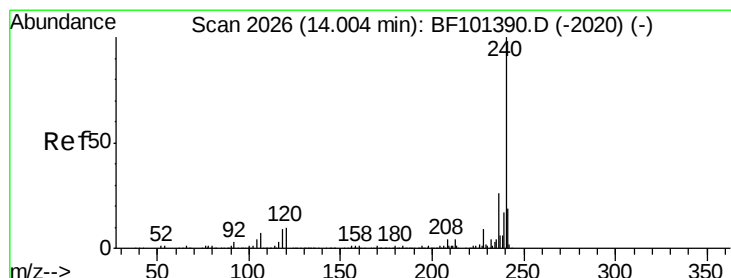
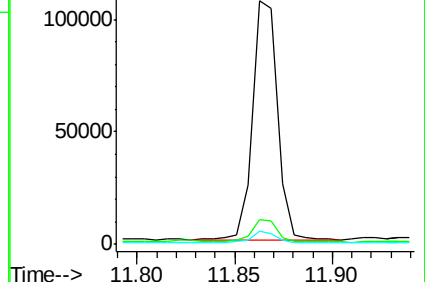
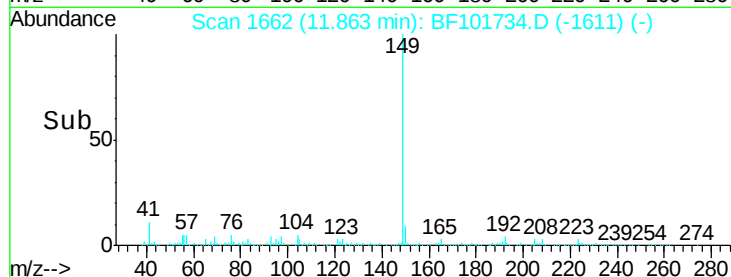
104 5.3 3.8 5.8



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: BF101734.D

Acq: 27 Dec 2017 00:40

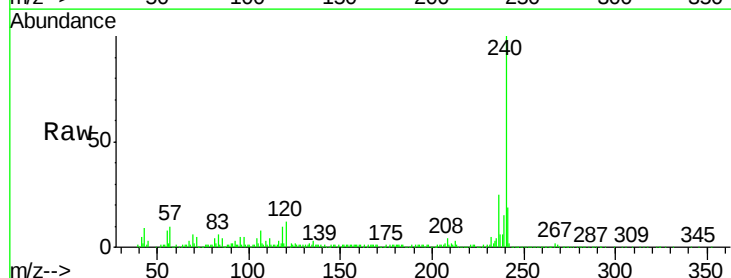
Tgt Ion:240 Resp: 288044

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

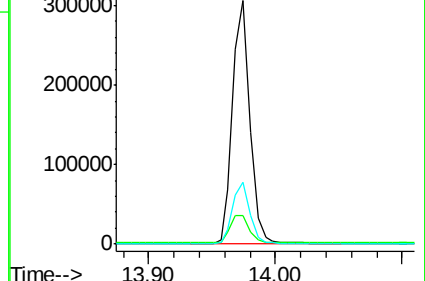
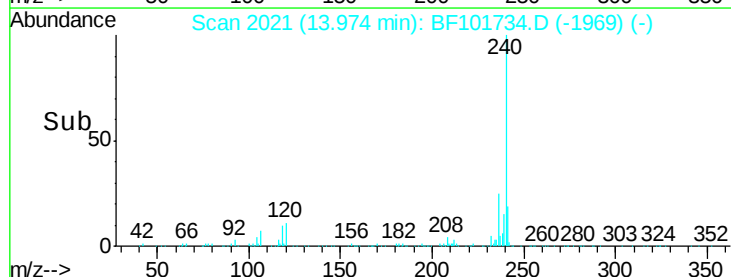
236 25.2 20.7 31.1

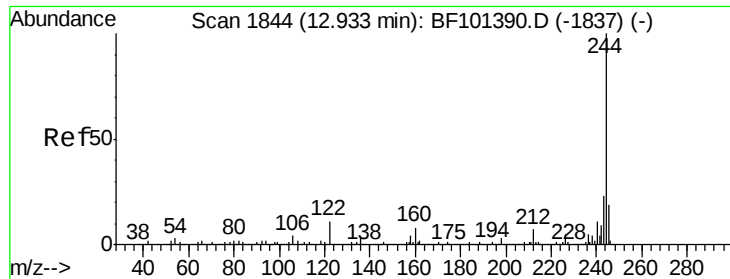


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.918 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

Instrument :

BNA_F

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HALSTED-EW

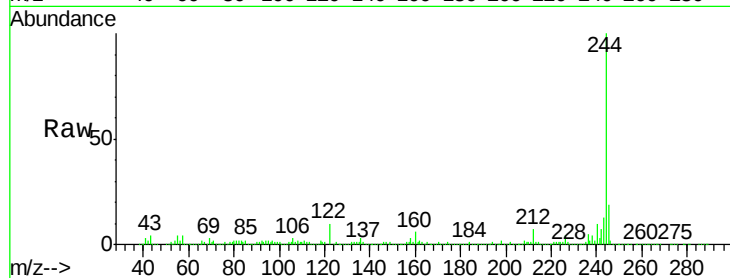
Tgt Ion:244 Resp: 608382

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

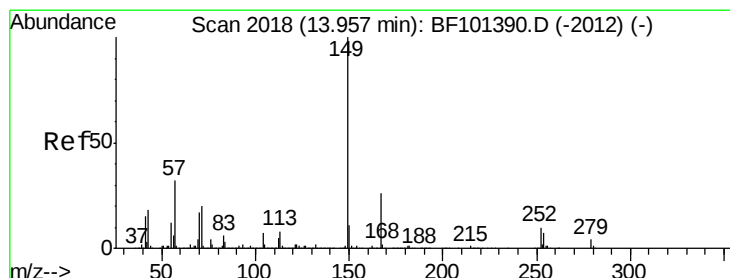
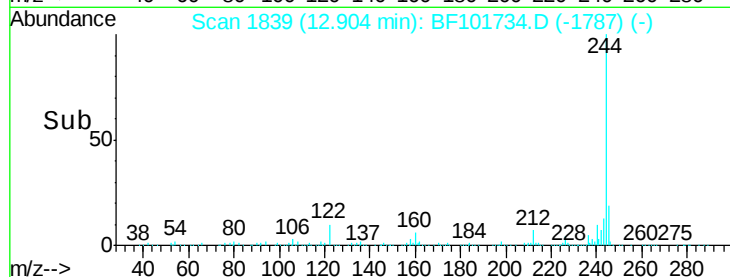
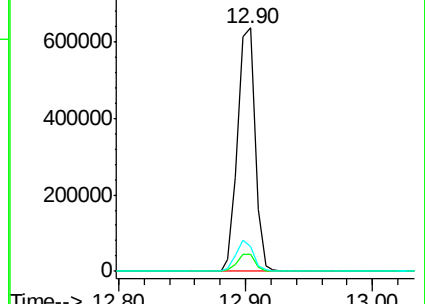
122 10.4 11.0 16.4#



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: 5.322 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

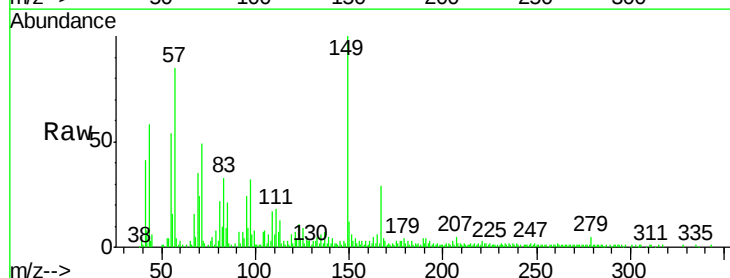
Tgt Ion:149 Resp: 65942

Ion Ratio Lower Upper

149 100

167 28.9 21.3 31.9

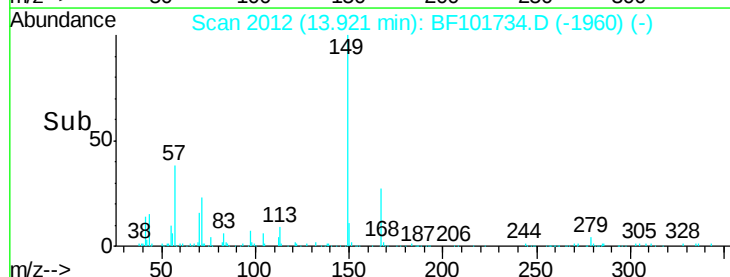
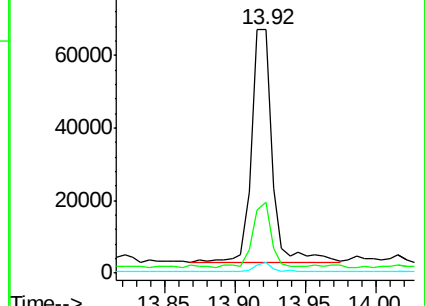
279 4.6 3.0 4.4#

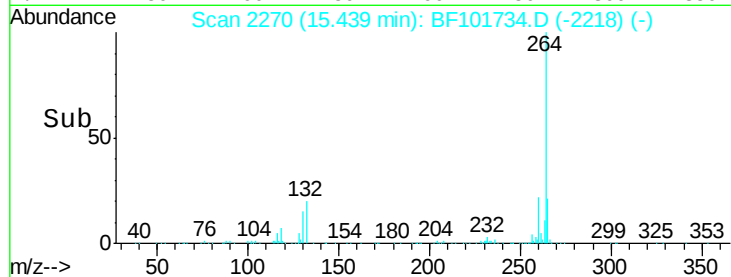
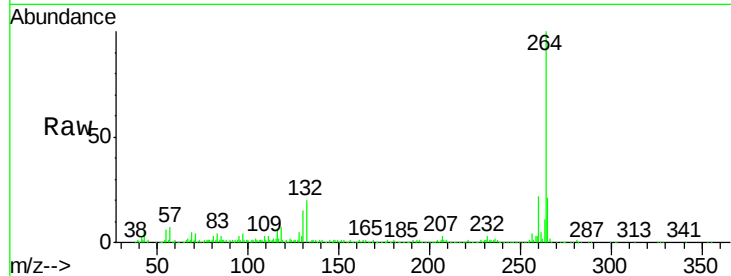
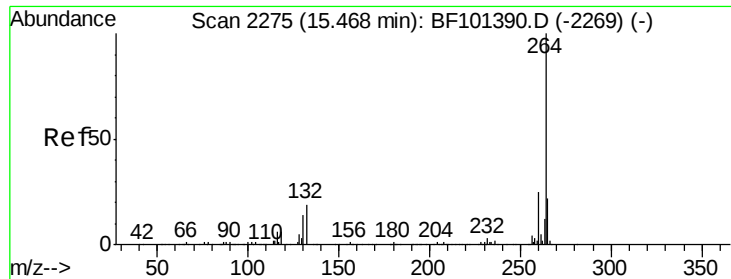


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

Instrument :

BNA_F

ClientSampleId :

HALSTED-EW

Tgt Ion: 264 Resp: 295164

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 21.4 17.5 26.3

