

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 05:00:15 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

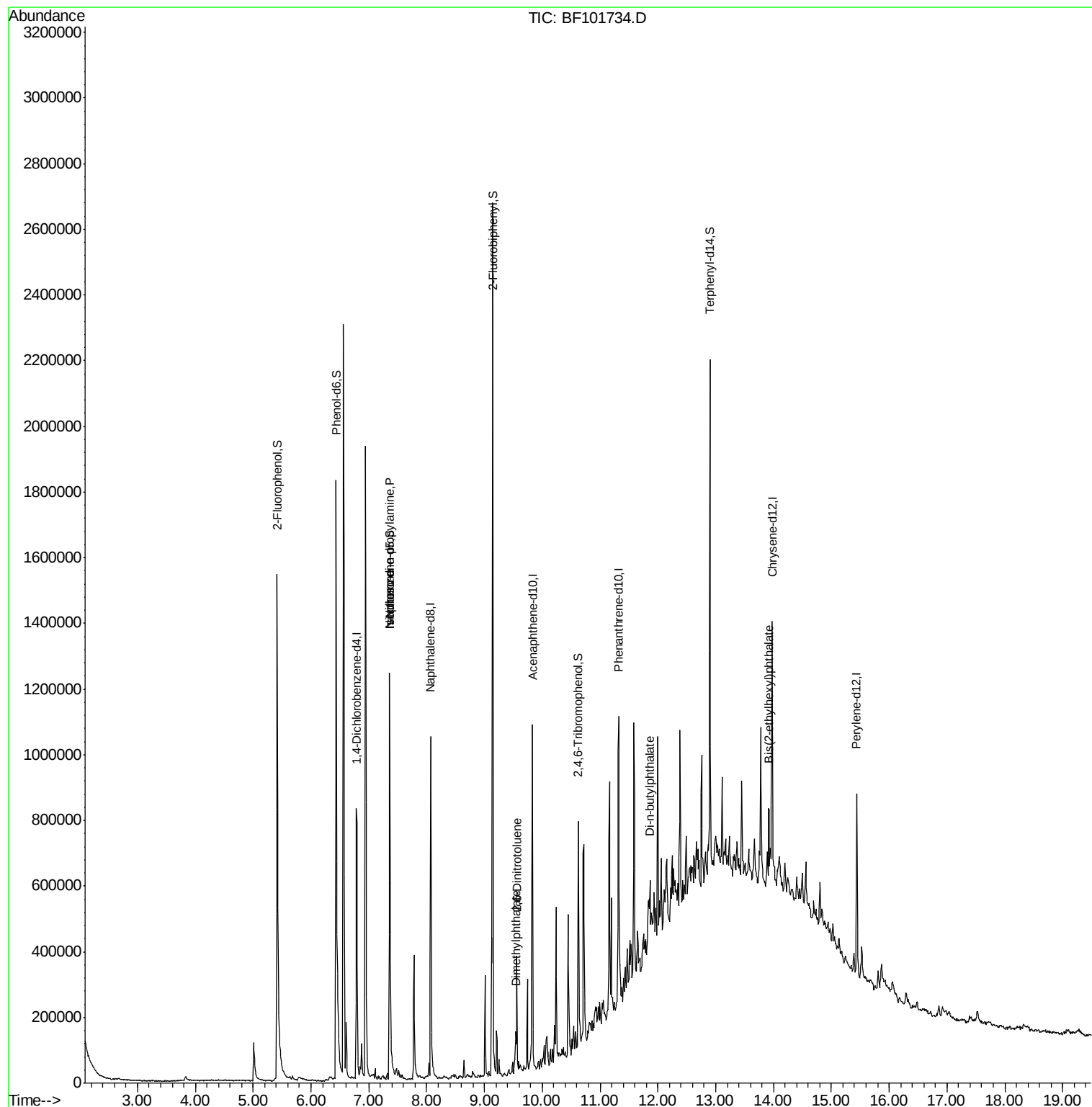
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147045	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	541339	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	207745	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	334433	20.00	ng	0.00
75) Chrysene-d12	13.97	240	288044	20.00	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						
19) n-Nitroso-di-n-propylamine	7.36	70	68685	8.513	ng	# 84
25) Isophorone	7.36	82	510393	26.162	ng	# 64
49) Dimethylphthalate	9.55	163	54589	3.267	ng	# 99
50) 2,6-Dinitrotoluene	9.56	165	27227	8.017	ng	# 27
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

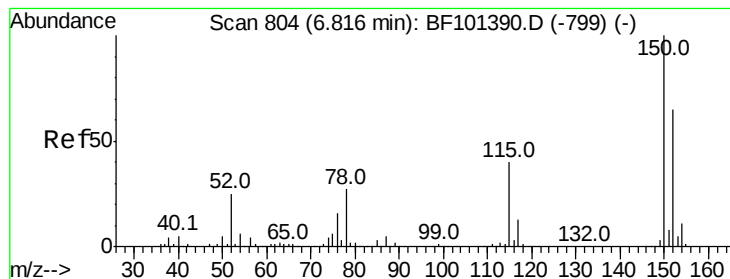
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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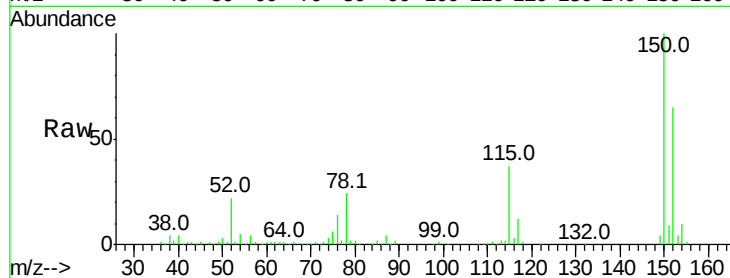


#1

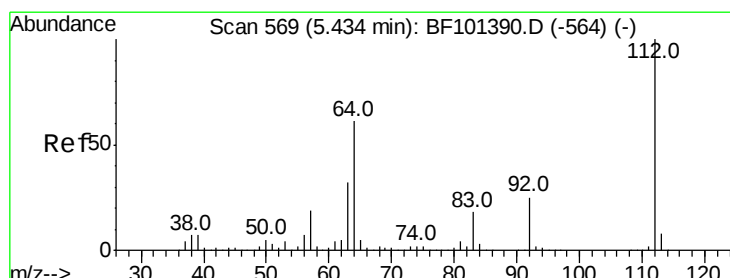
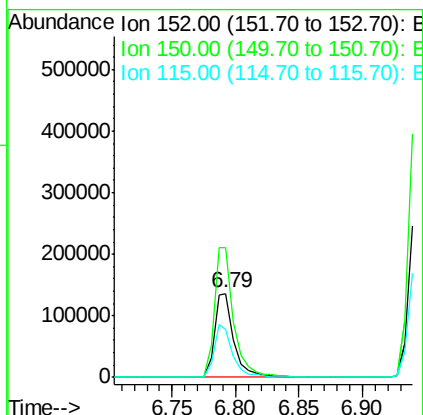
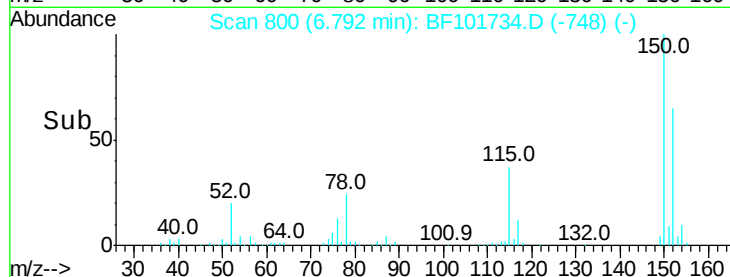
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101734.D
Acq: 27 Dec 2017 00:40

Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

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



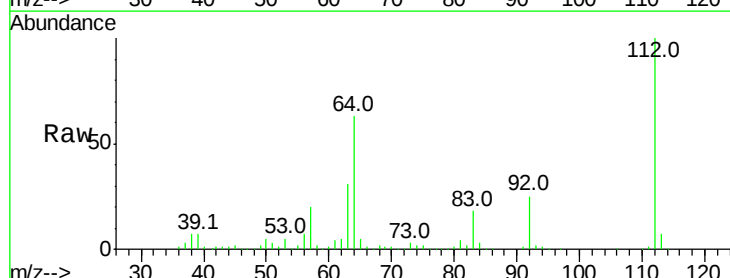
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



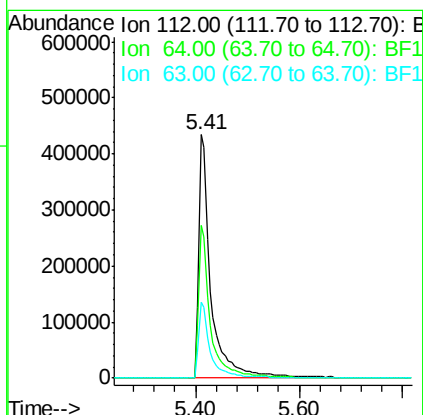
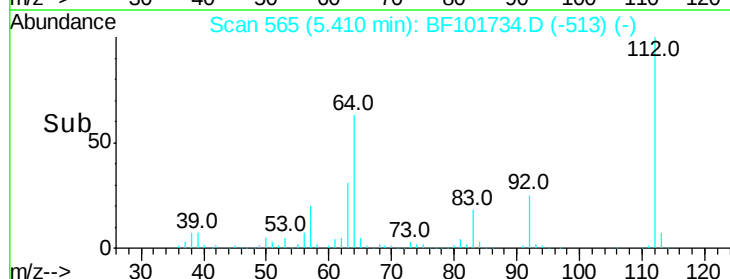
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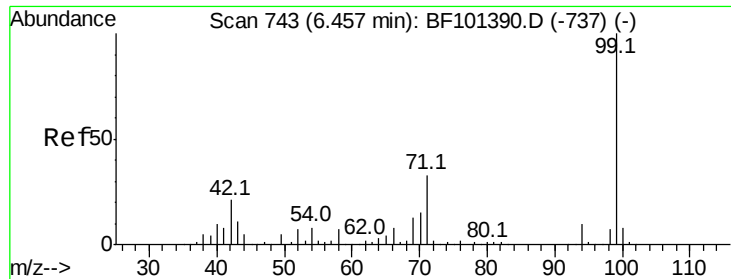
2-Fluorophenol
Concen: 70.776 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101734.D
Acq: 27 Dec 2017 00:40

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



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: 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

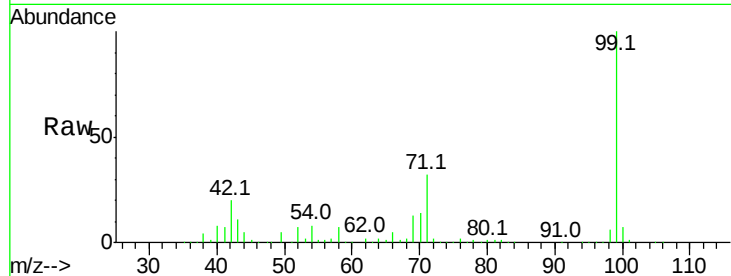
Tot Ion: 99 Resp: 830760

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

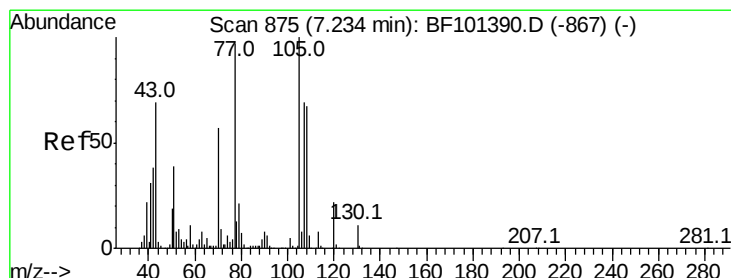
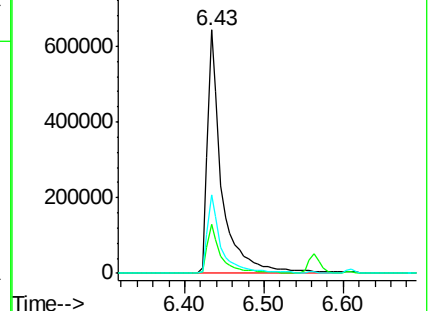
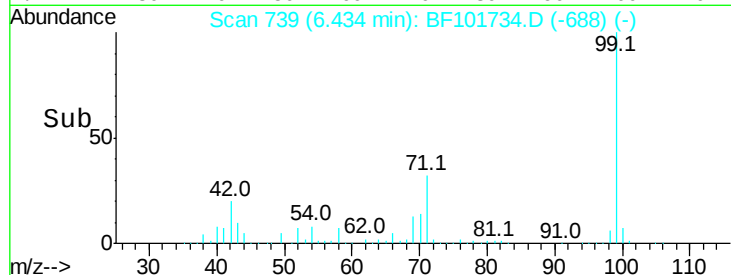
71 32.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.513 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

Tgt Ion: 70 Resp: 68685

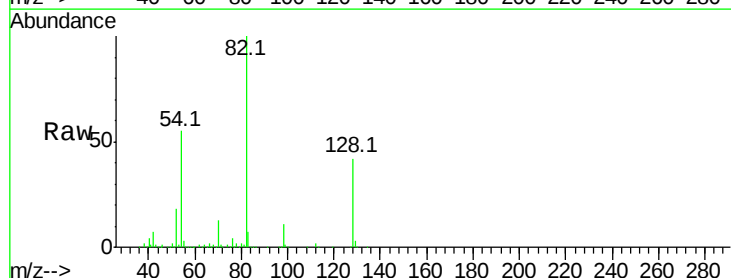
Ion Ratio Lower Upper

70 100

42 54.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

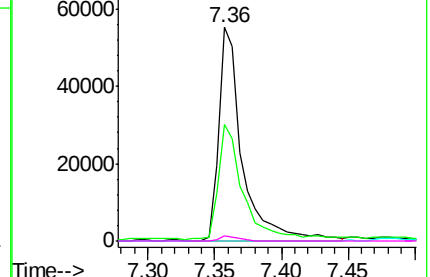
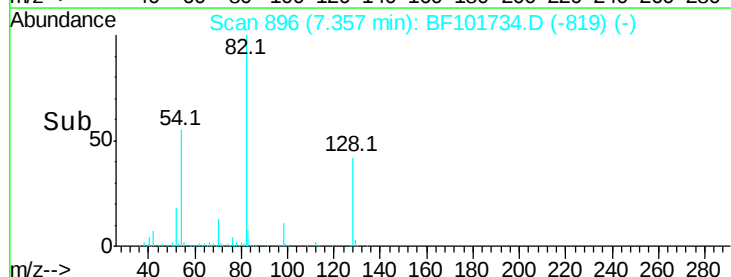


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

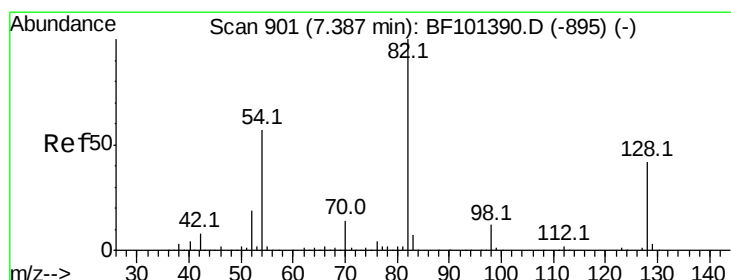
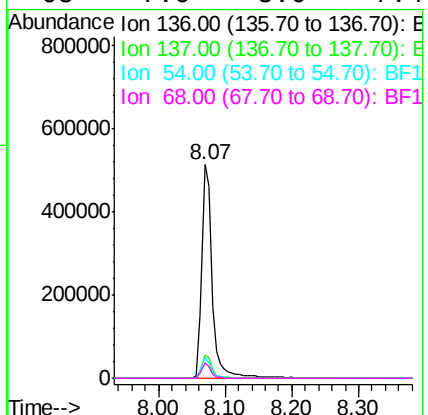
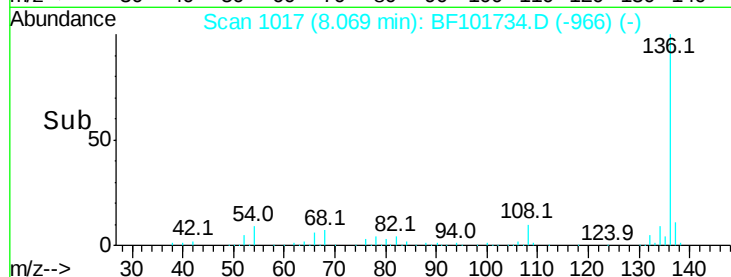
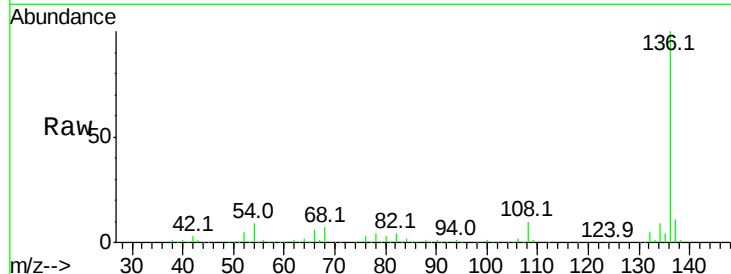




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101734.D
Acq: 27 Dec 2017 00:40

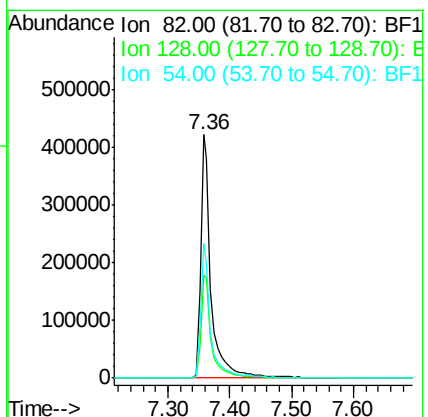
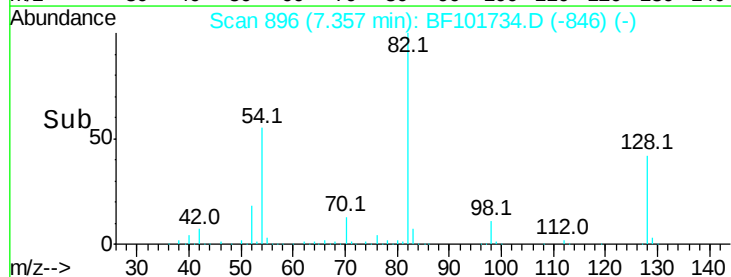
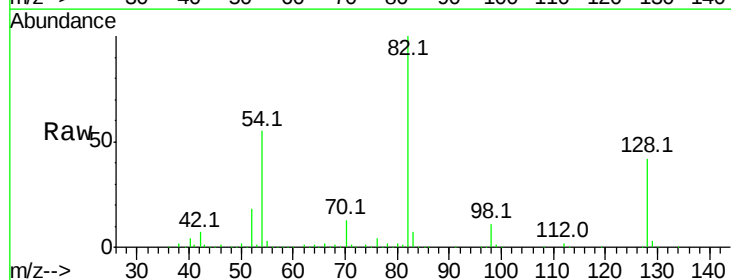
Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

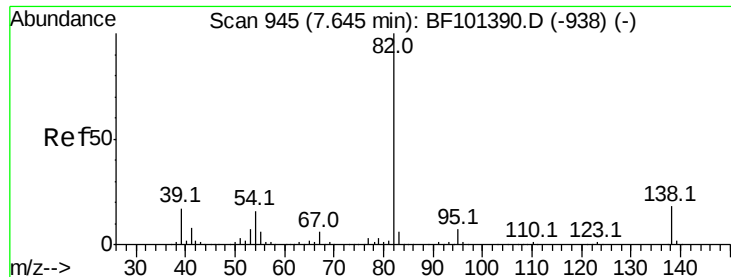
Tot Ion:	136	Resp:	541339
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	7.0	5.0	7.4



#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

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





#25

Isophorone

Concen: 26.162 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101734.D

Acq: 27 Dec 2017 00:40

Instrument :

BNA_F

ClientSampleId :

HALSTED-EW

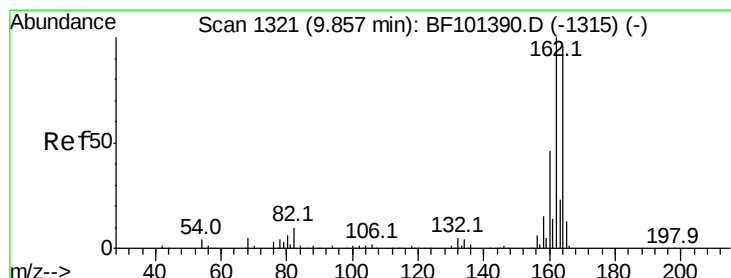
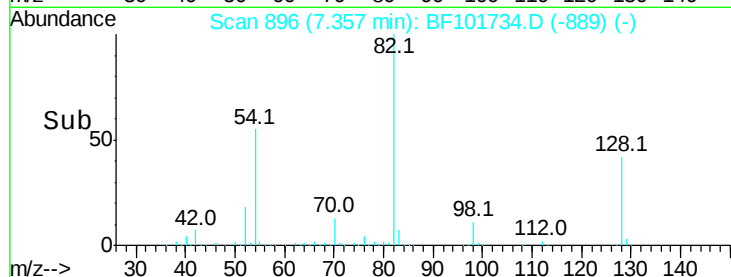
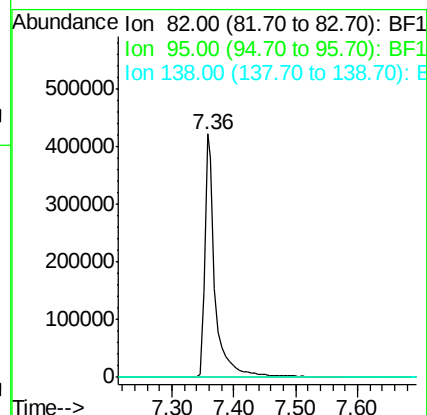
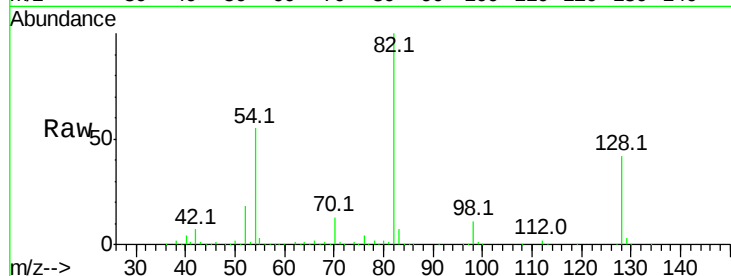
Tot Ion: 82 Resp: 510393

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#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

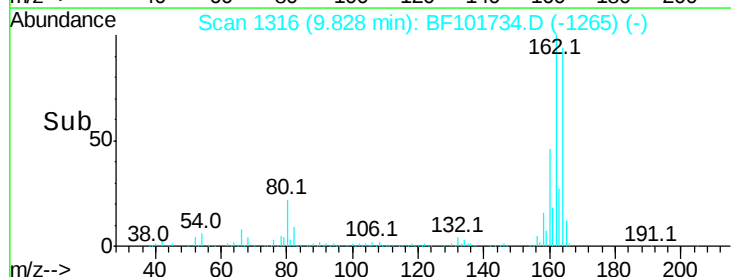
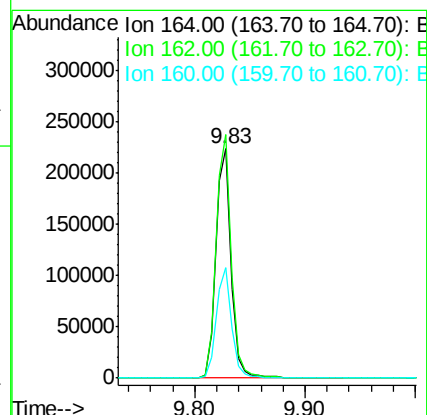
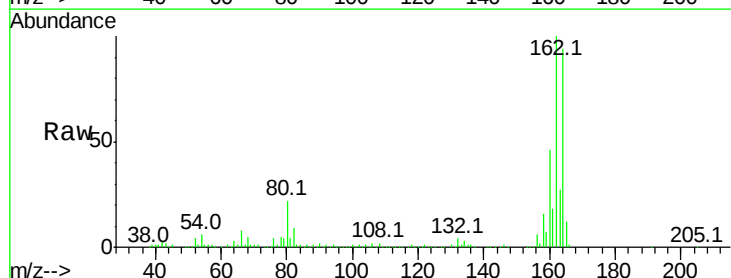
Tgt Ion:164 Resp: 207745

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

160 48.5 38.3 57.5

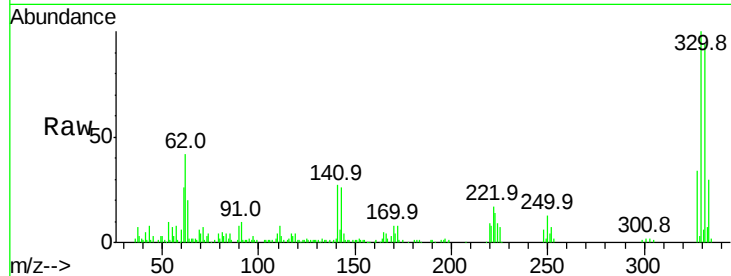




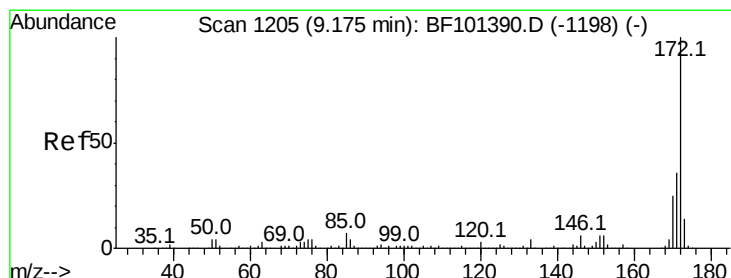
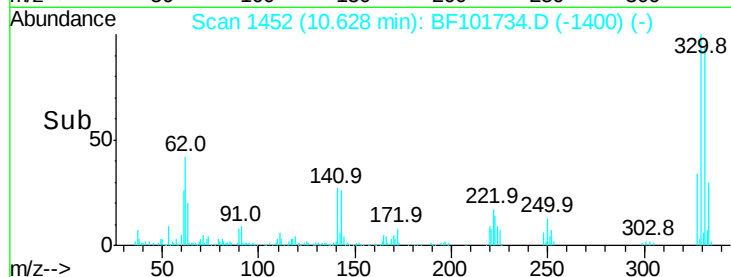
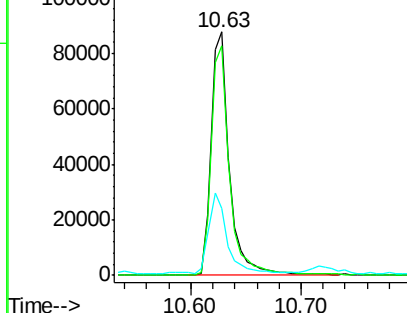
#41
 2,4,6-Tribromophenol
 Concen: 49.761 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-EW

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

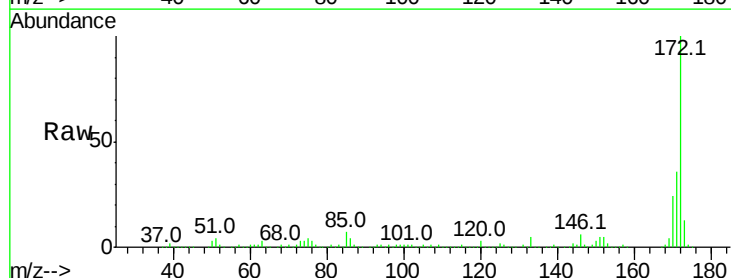


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

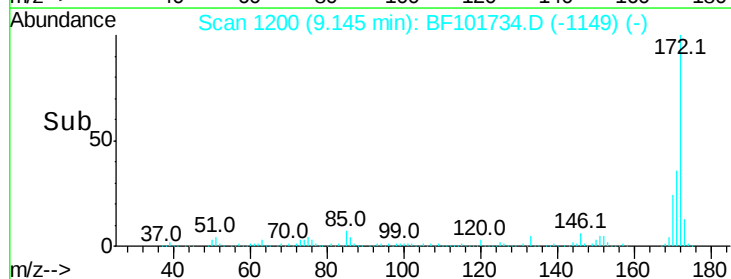
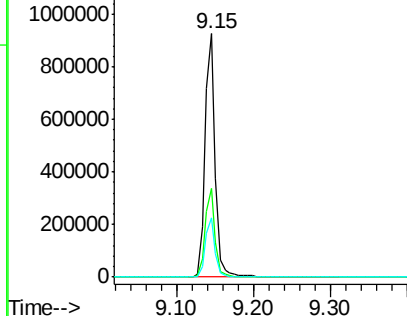


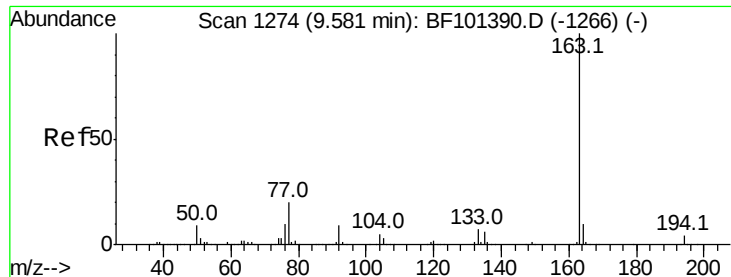
#44
 2-Fluorobiphenyl
 Concen: 63.125 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

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

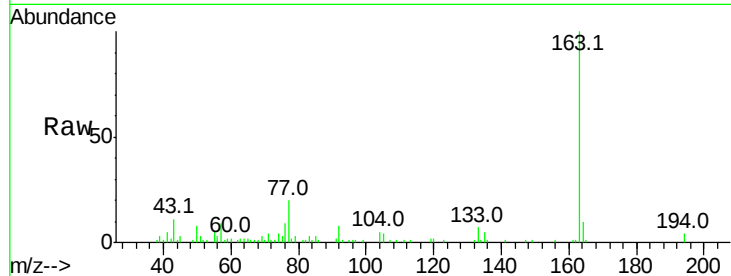




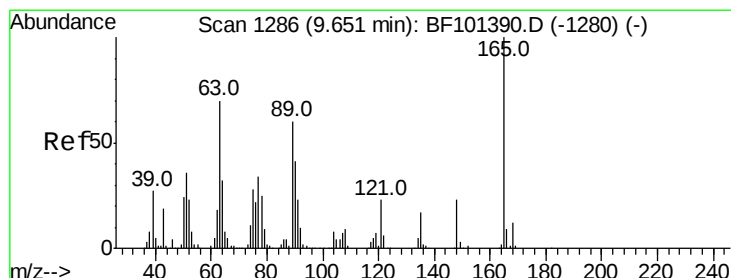
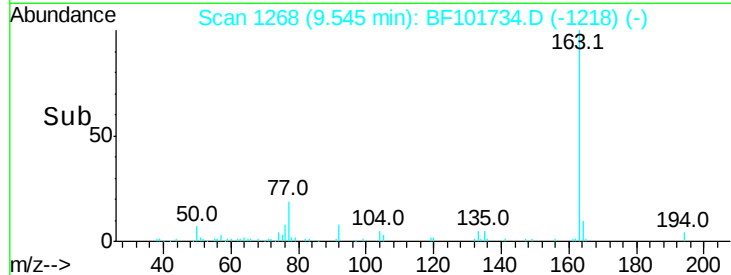
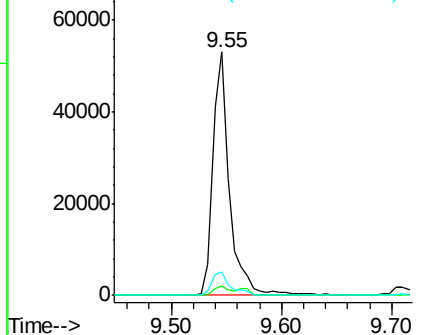
#49
Dimethylphthalate
Concen: 3.267 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101734.D
Acq: 27 Dec 2017 00:40

Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2

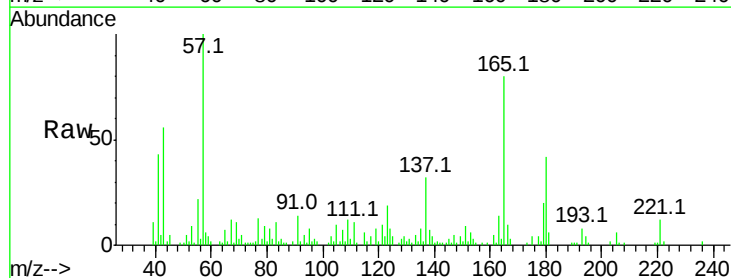


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

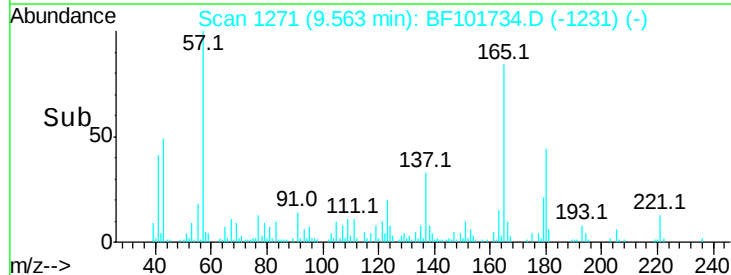
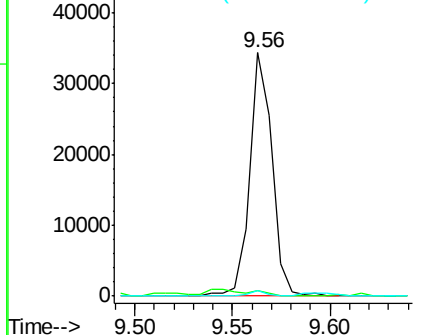


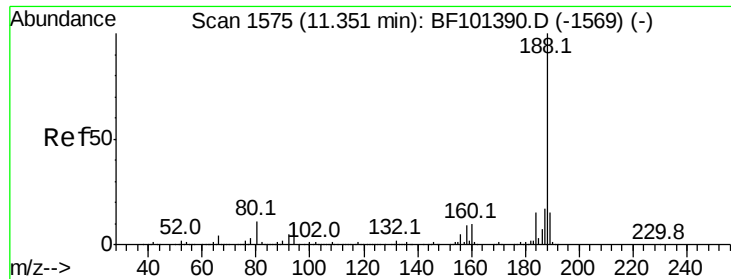
#50
2,6-Dinitrotoluene
Concen: 8.017 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.06 min
Lab File: BF101734.D
Acq: 27 Dec 2017 00:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	2.3	44.0	66.0#



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

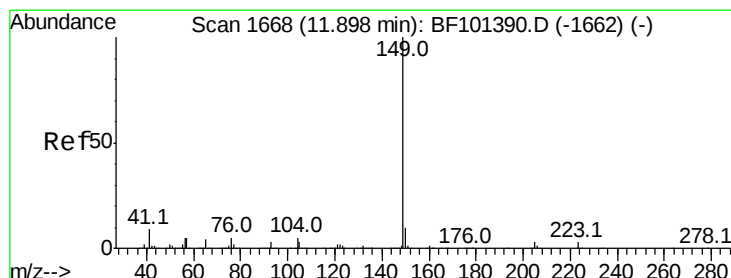
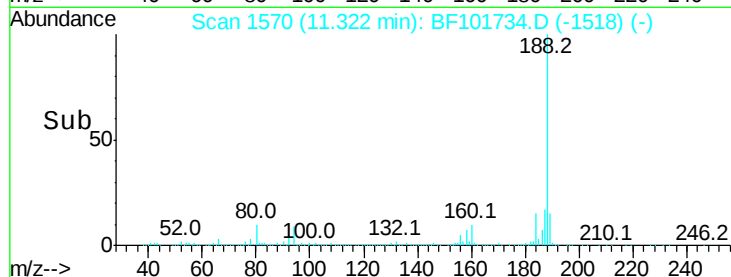
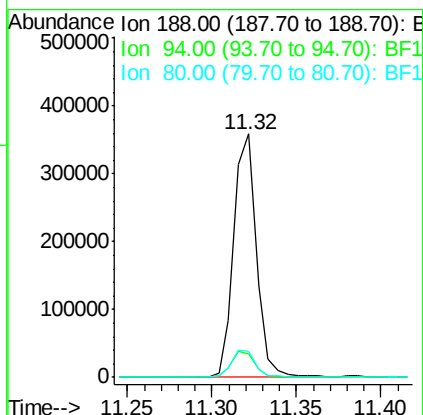
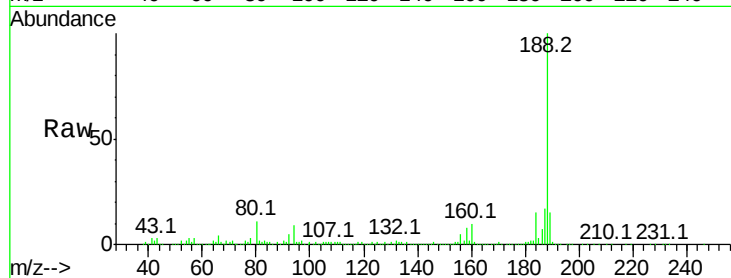




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

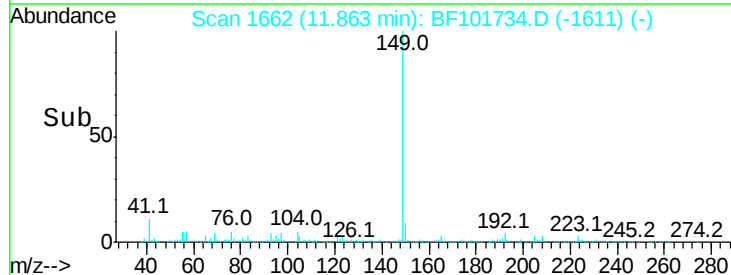
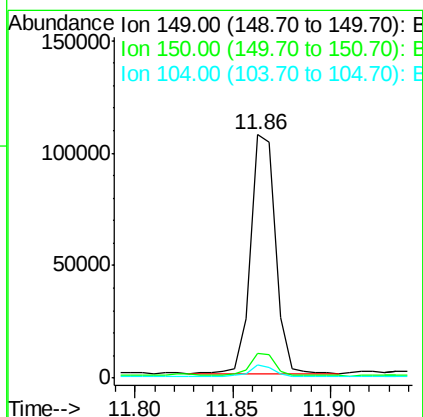
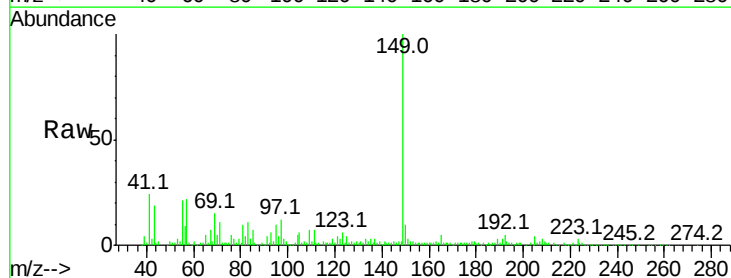
Instrument :
 BNA_F
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 HALSTED-EW

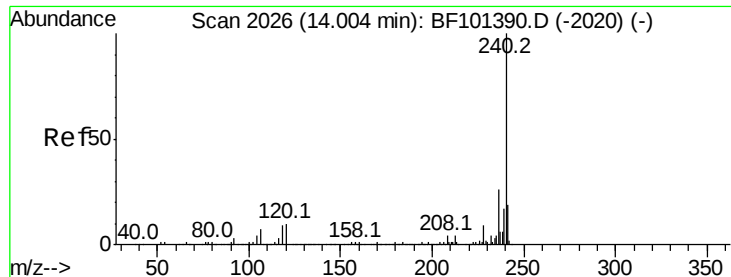
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.5	9.2	13.8



#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

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	5.3	3.8	5.8





#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

Instrument :

BNA_F

ClientSampleId :

HALSTED-EW

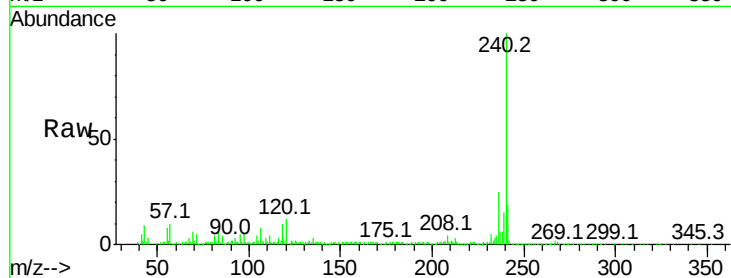
Tot Ion:240 Resp: 288044

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

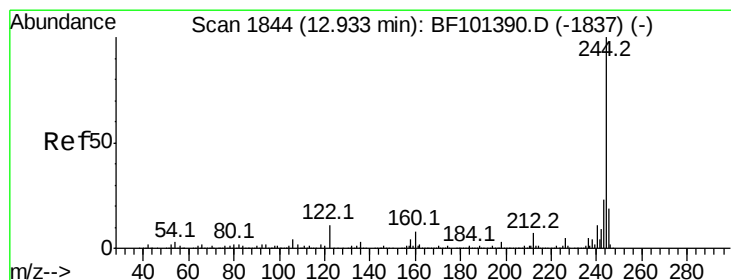
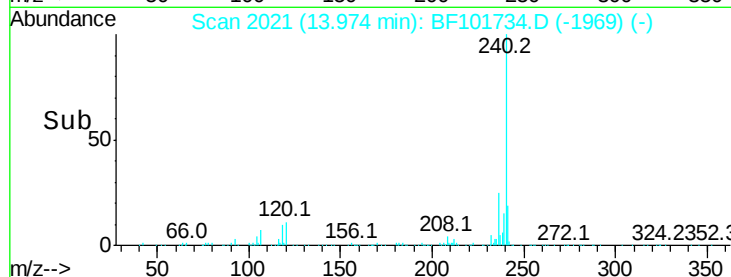
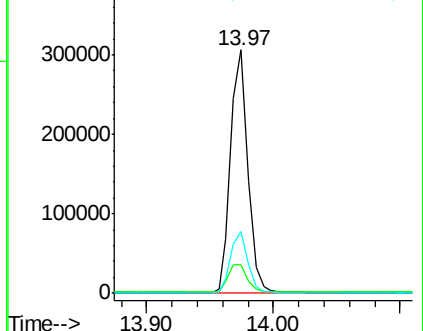
236 25.2 20.7 31.1



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

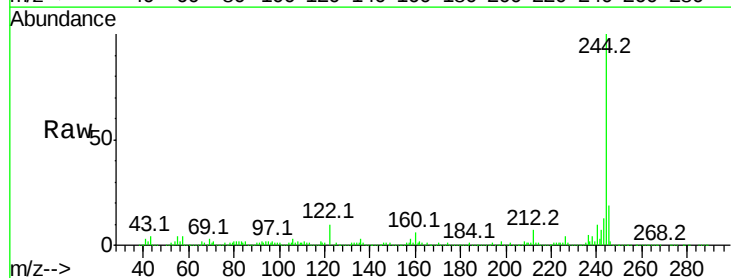
Tgt Ion:244 Resp: 608382

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

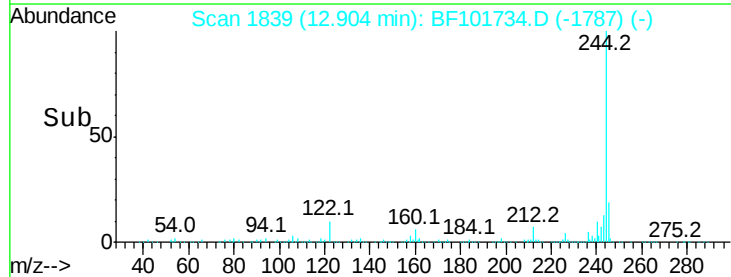
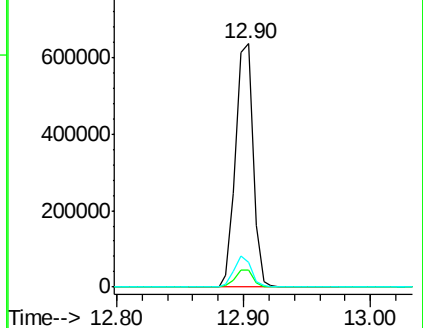
122 10.4 11.0 16.4#

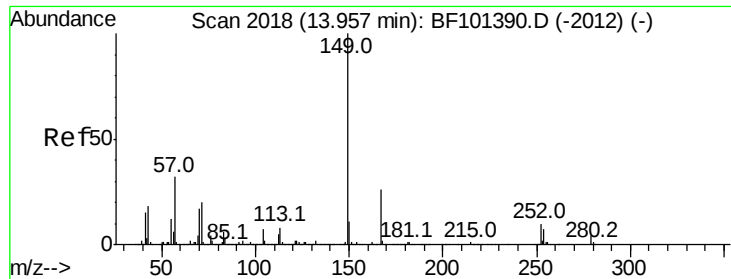


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

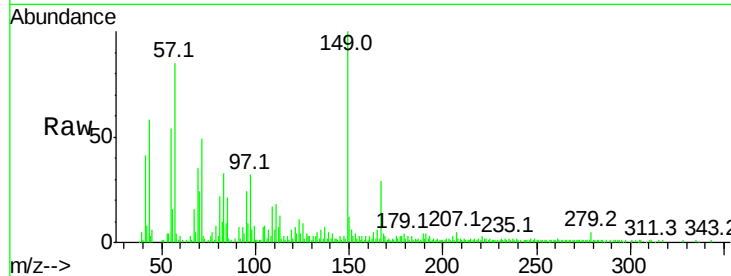




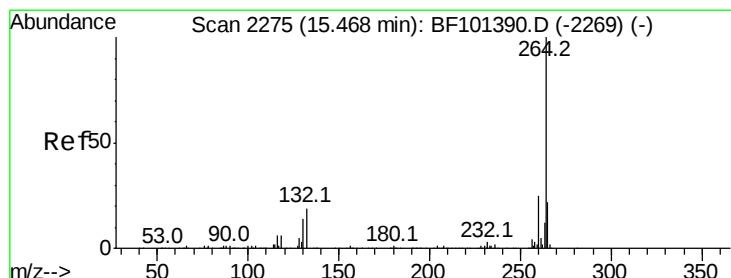
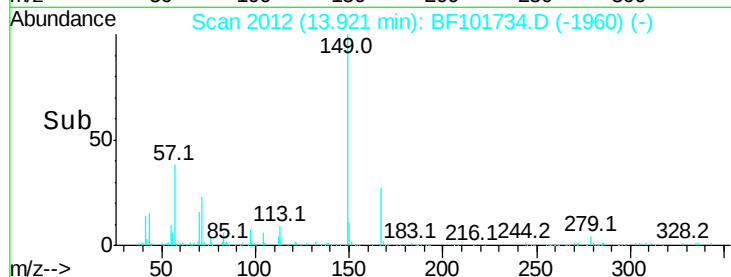
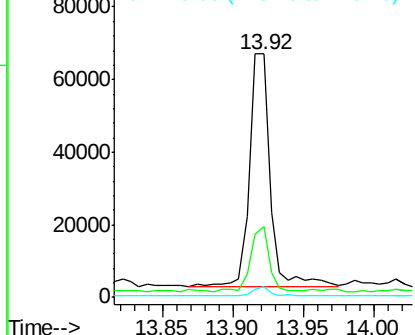
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.322 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF101734.D
 Acq: 27 Dec 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-EW

Tot Ion:149 Resp: 65942
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.3 31.9
 279 4.6 3.0 4.4#

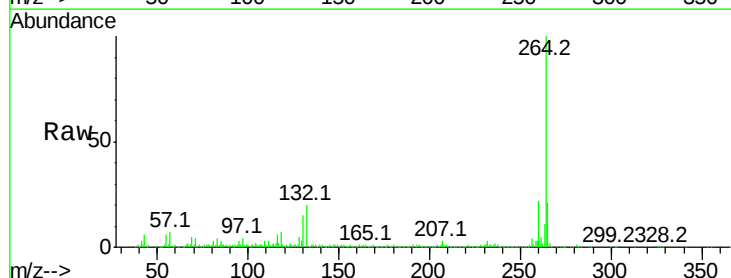


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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

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



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

