

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100778.D
 Acq On : 21 Nov 2017 14:17
 Operator : SJ/JU
 Sample : I6340-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-4A

Quant Time: Nov 22 05:44:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

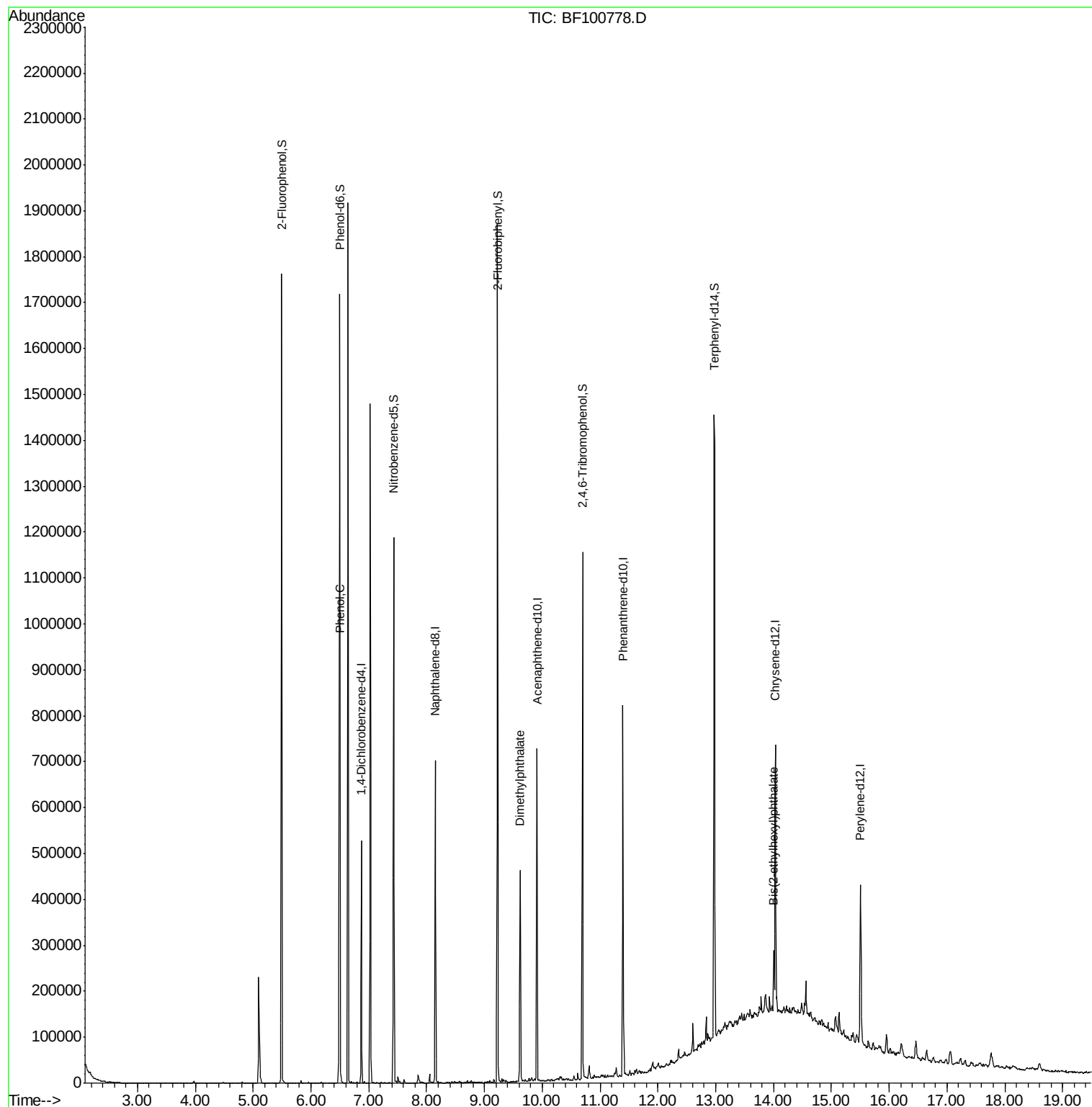
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	76347	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	307870	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	145709	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	285620	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	189498	20.00	ng	-0.01
86) Perylene-d12	15.50	264	163714	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	516035	108.35	ng	0.00
7) Phenol-d6	6.50	99	626155	106.61	ng	-0.01
23) Nitrobenzene-d5	7.43	82	381240	81.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	148862	100.26	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	593215	61.99	ng	-0.01
78) Terphenyl-d14	12.97	244	473988	57.47	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	16230	2.632	ng	99
49) Dimethylphthalate	9.62	163	199488	17.931	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	34057	4.700	ng	99

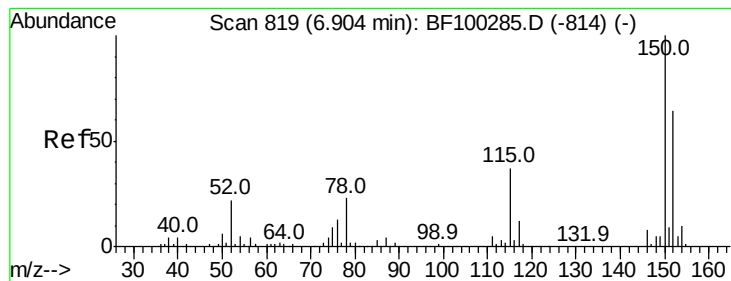
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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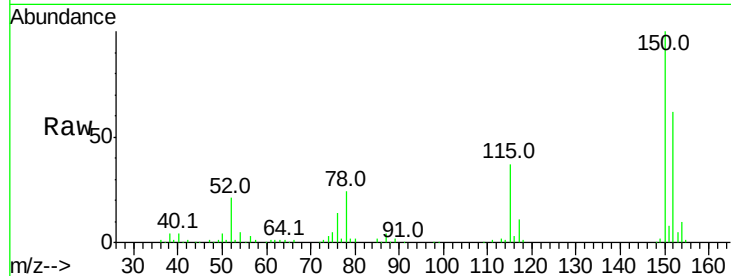


#1

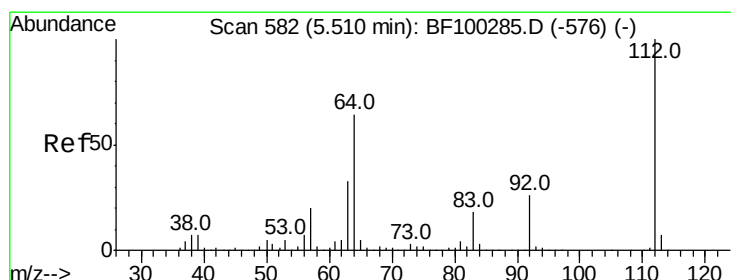
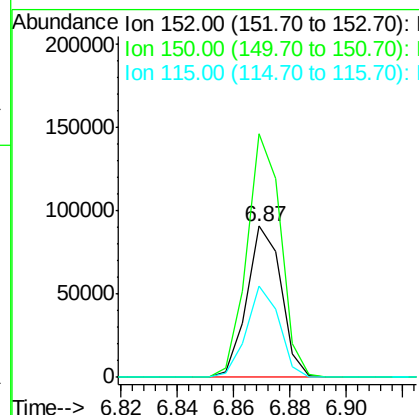
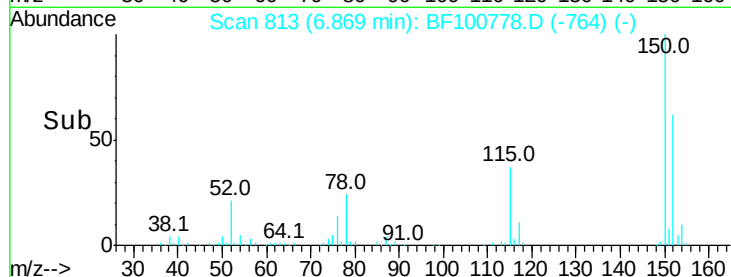
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Instrument :
BNA_F
ClientSampleId :
HL-4A

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	60.2	50.1	75.1



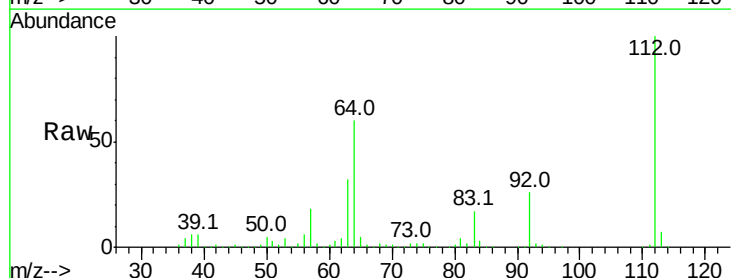
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



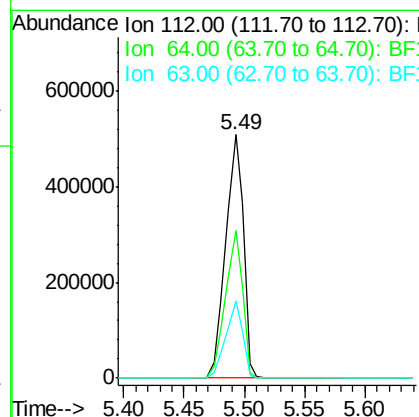
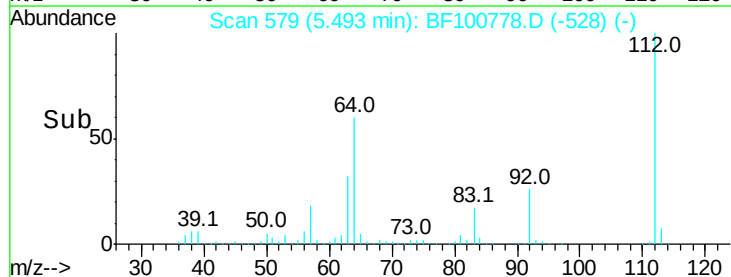
#5

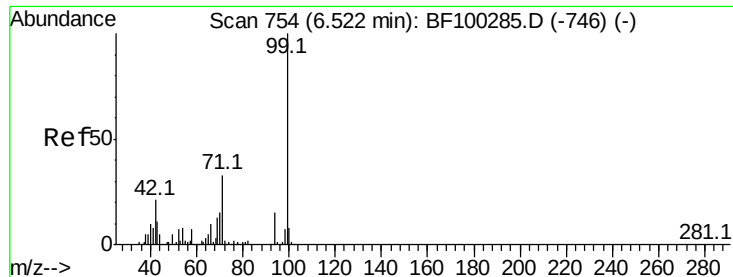
2-Fluorophenol
Concen: 108.347 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.7	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: 106.613 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

Instrument :

BNA_F

ClientSampleId :

HL-4A

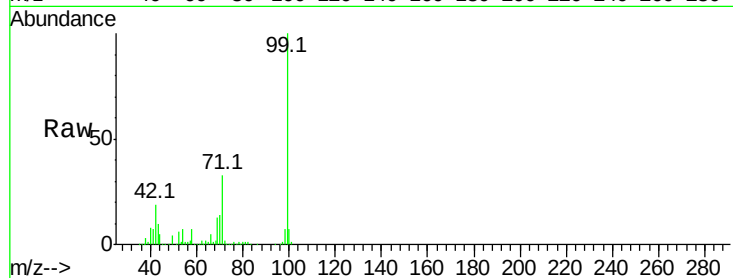
Tot Ion: 99 Resp: 626155

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

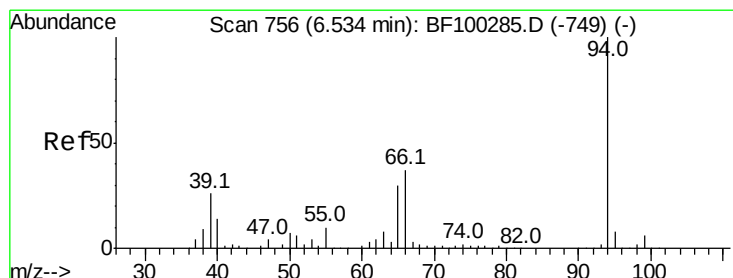
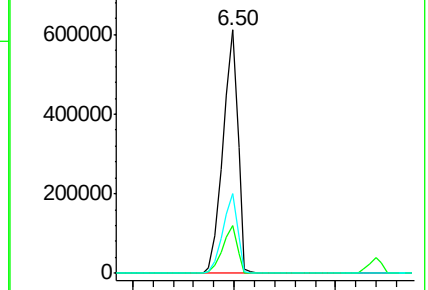
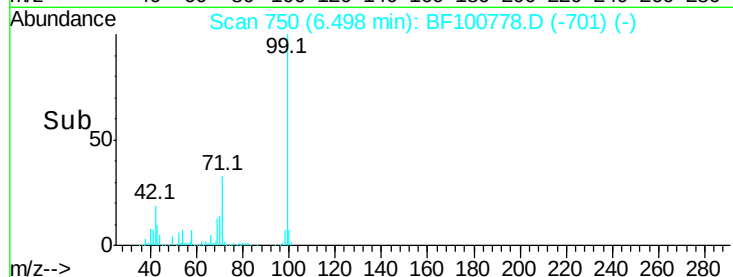
71 33.0 25.4 38.0



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: 2.632 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

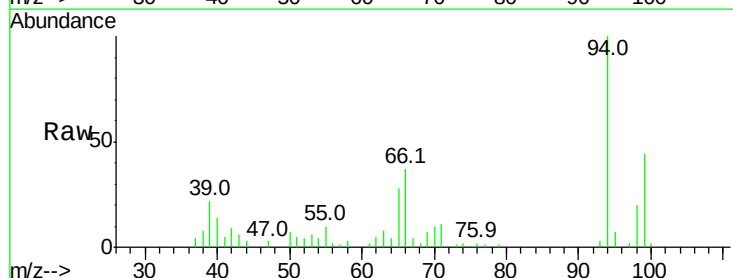
Tgt Ion: 94 Resp: 16230

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

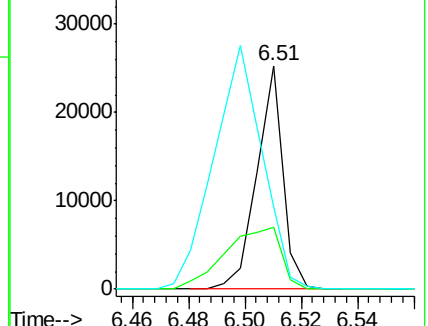
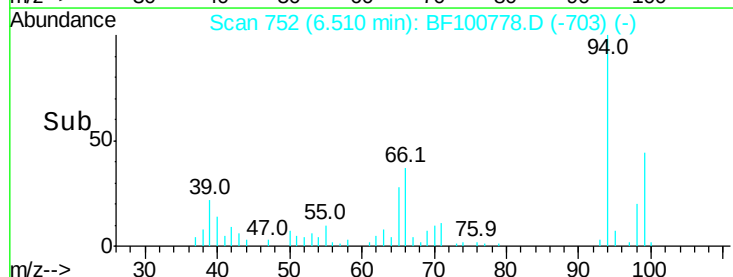
66 36.9 16.2 56.2

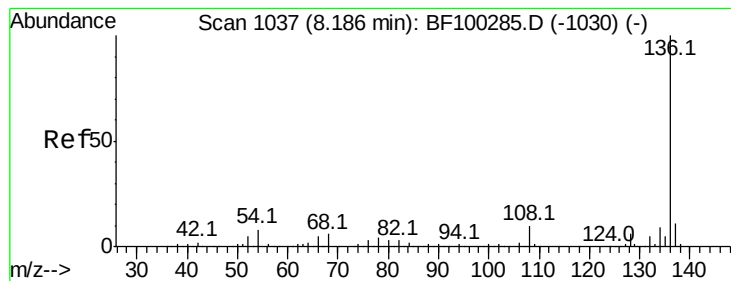


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

Instrument :

BNA_F

ClientSampleId :

HL-4A

Tot Ion:136 Resp: 307870

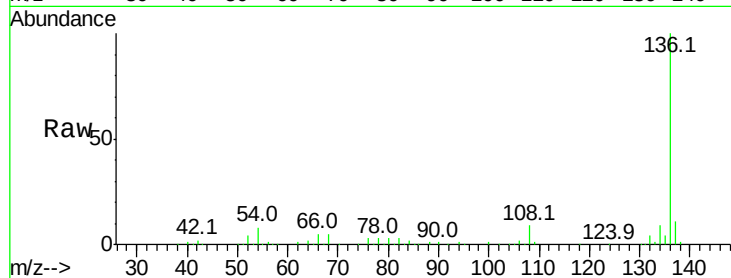
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.5 5.0 7.4

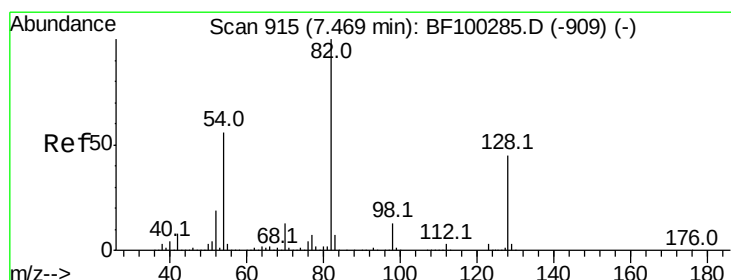
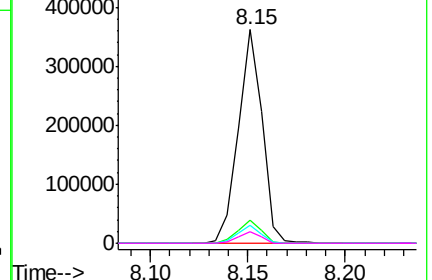
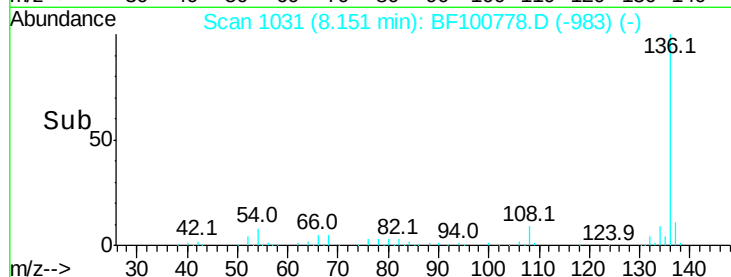


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.869 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

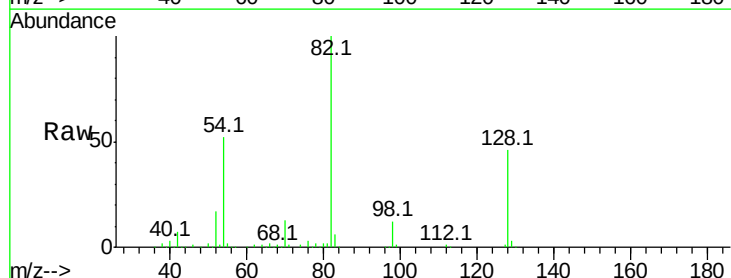
Tgt Ion: 82 Resp: 381240

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

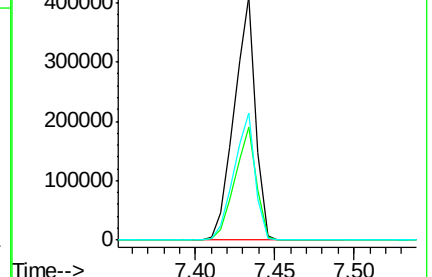
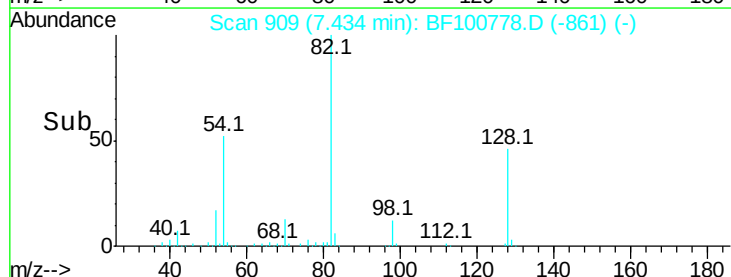
54 52.0 41.4 62.2

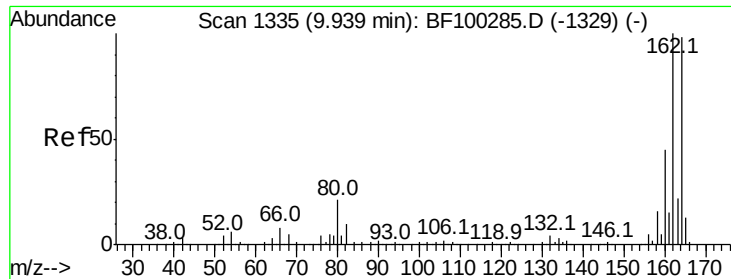


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

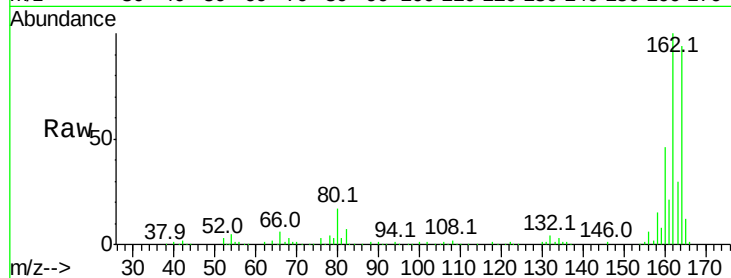




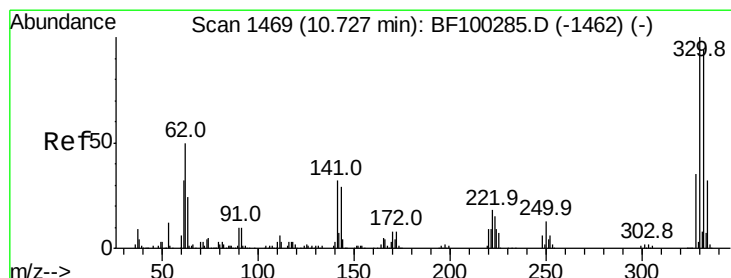
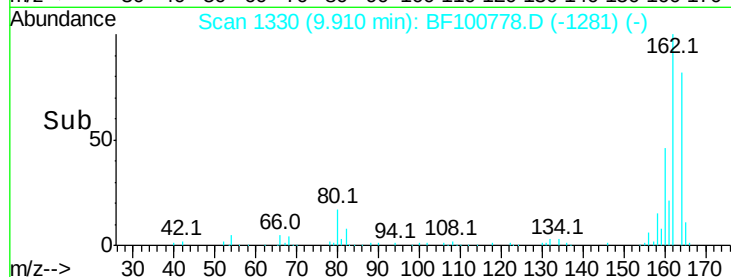
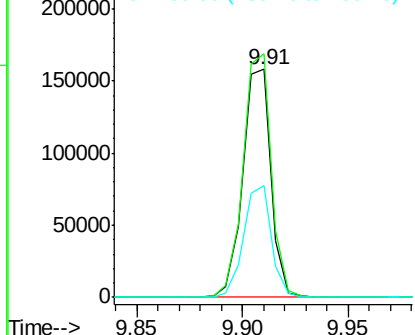
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Instrument :
BNA_F
ClientSampleId :
HL-4A

Tot Ion:164 Resp: 145709
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 48.8 38.3 57.5

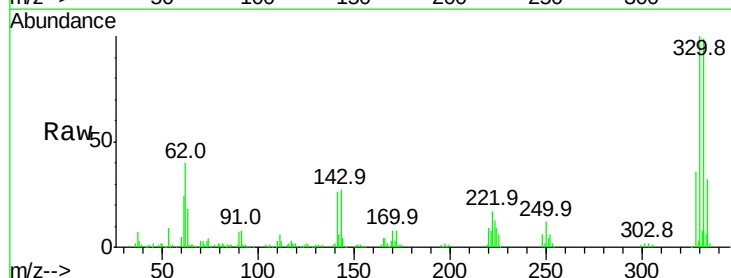


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

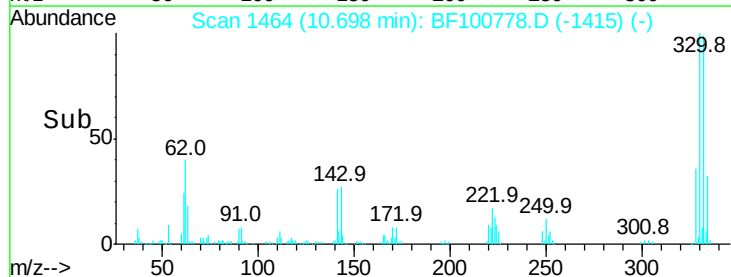
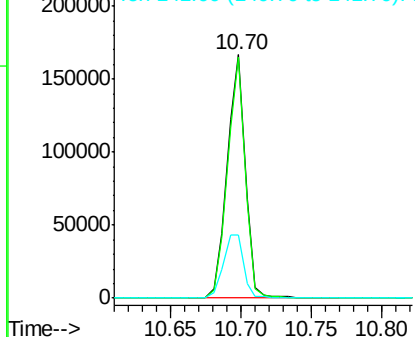


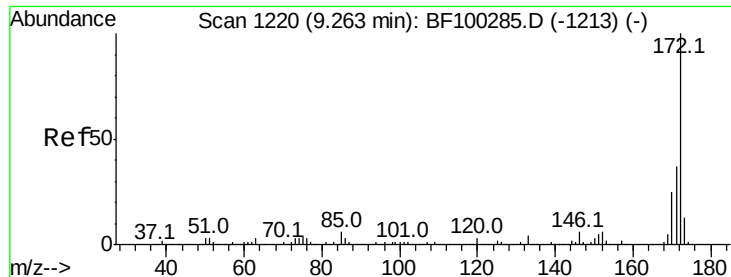
#41
2,4,6-Tribromophenol
Concen: 100.259 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Tgt Ion:330 Resp: 148862
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 29.0 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

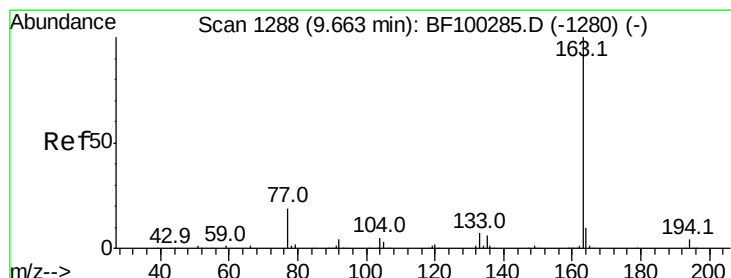
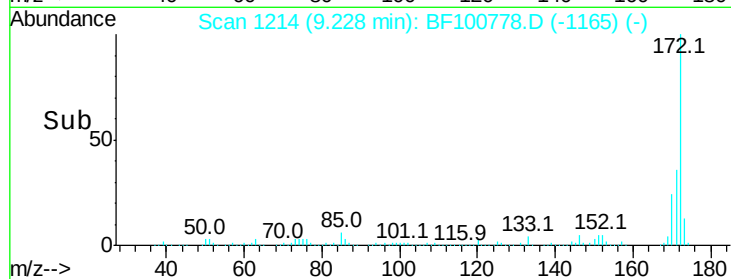
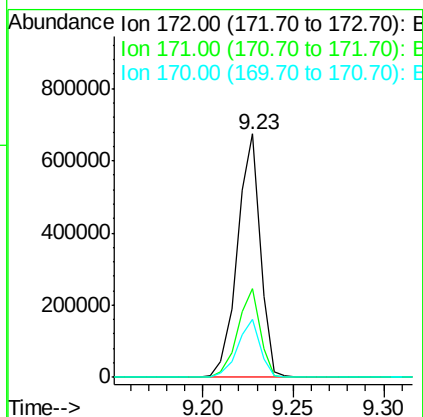
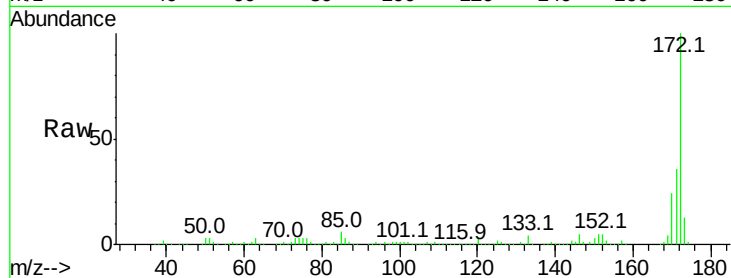




#44
 2-Fluorobiphenyl
 Concen: 61.993 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

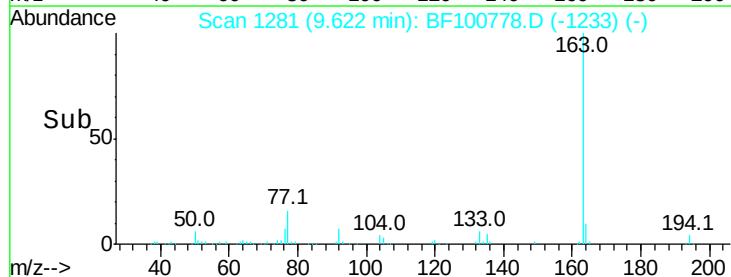
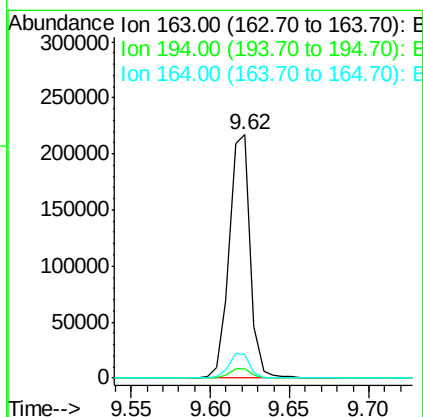
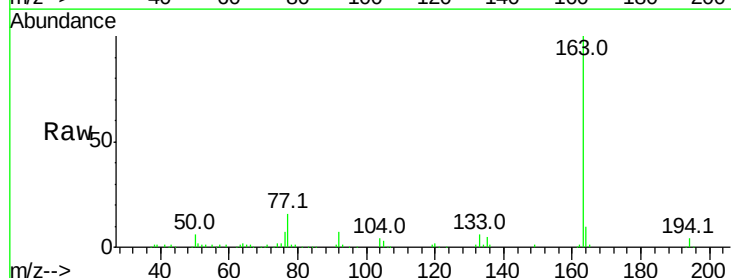
Instrument :
 BNA_F
 ClientSampleId :
 HL-4A

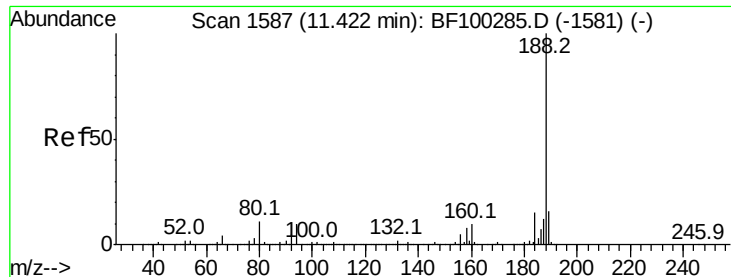
Tot Ion:172 Resp: 593215
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 19.6 29.4



#49
 Dimethylphthalate
 Concen: 17.931 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

Tgt Ion:163 Resp: 199488
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.7 8.2 12.2

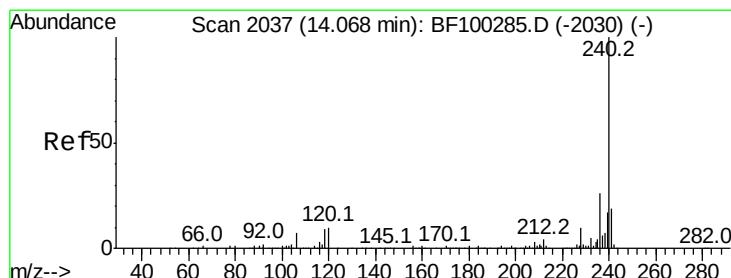
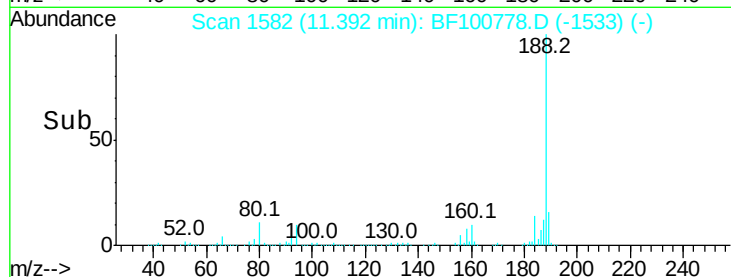
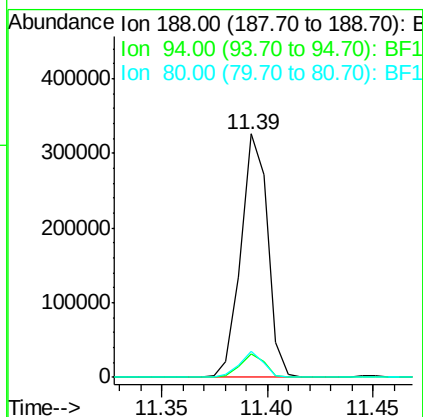
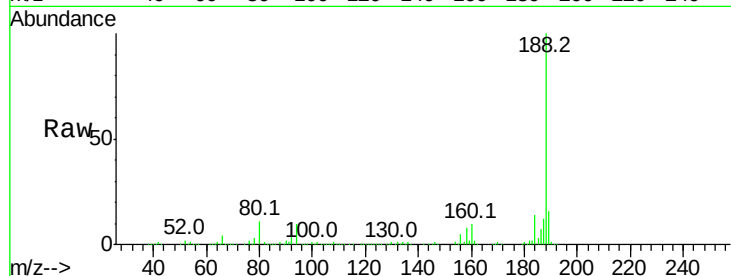




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

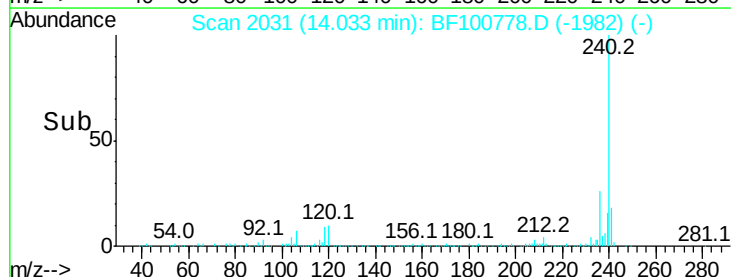
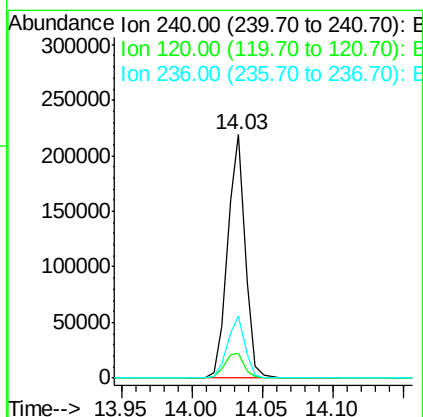
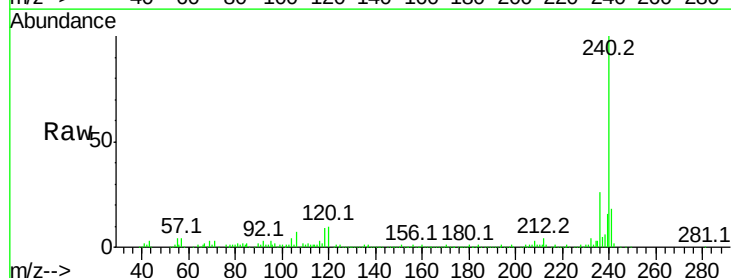
Instrument :
BNA_F
ClientSampleId :
HL-4A

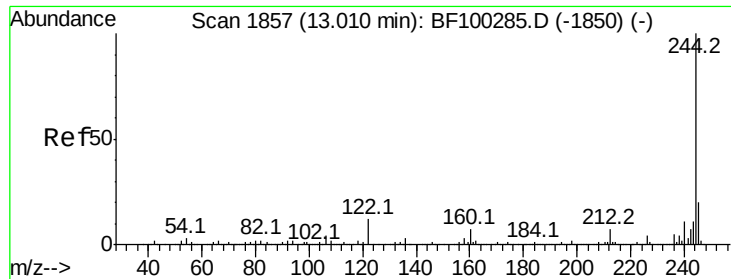
Tot Ion:188 Resp: 285620
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Tgt Ion:240 Resp: 189498
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.7 20.7 31.1

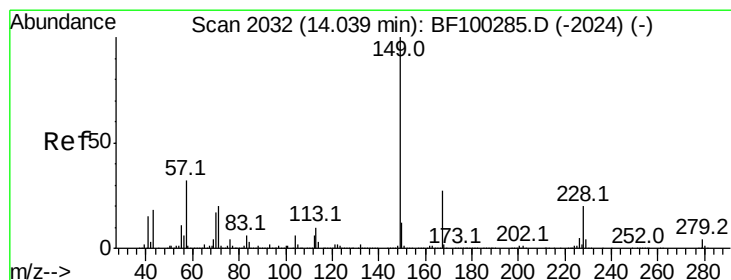
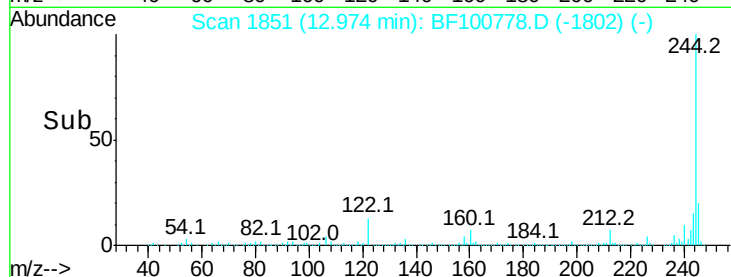
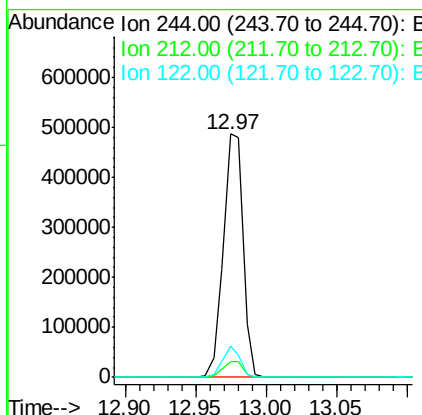
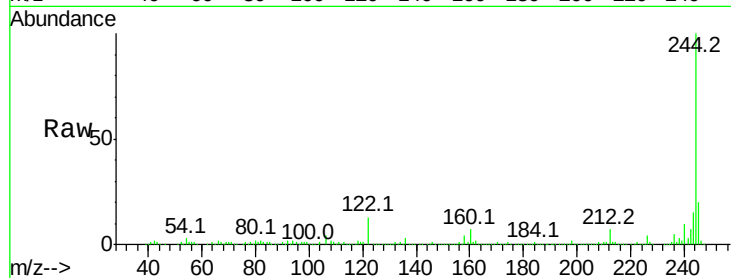




#78
 Terphenyl-d14
 Concen: 57.472 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

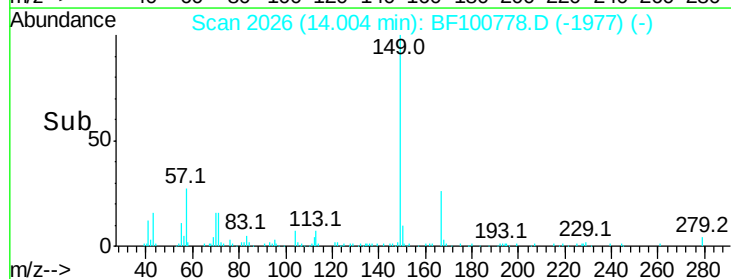
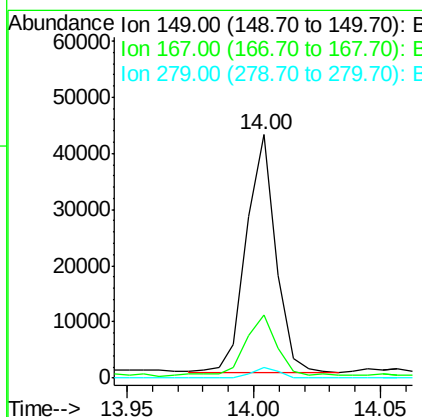
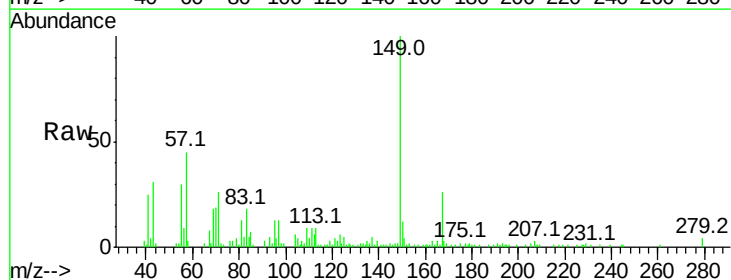
Instrument :
 BNA_F
 ClientSampleId :
 HL-4A

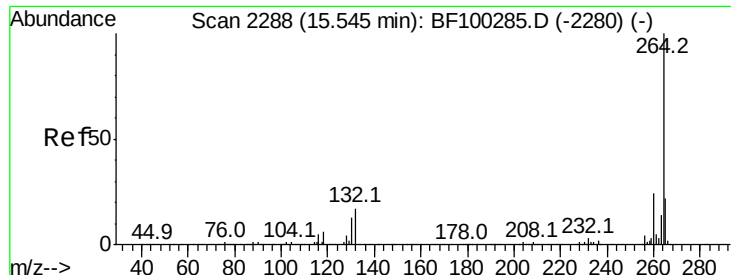
Tot Ion:244 Resp: 473988
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.6 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.700 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

Tgt Ion:149 Resp: 34057
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 4.1 3.0 4.4

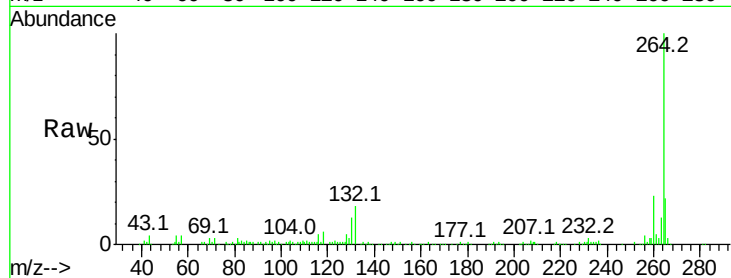




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 HL-4A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	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

