

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100920.D
 Acq On : 28 Nov 2017 4:35
 Operator : SJ/JU
 Sample : I6594-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KUSER-CONCRETE

Quant Time: Nov 28 10:06:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

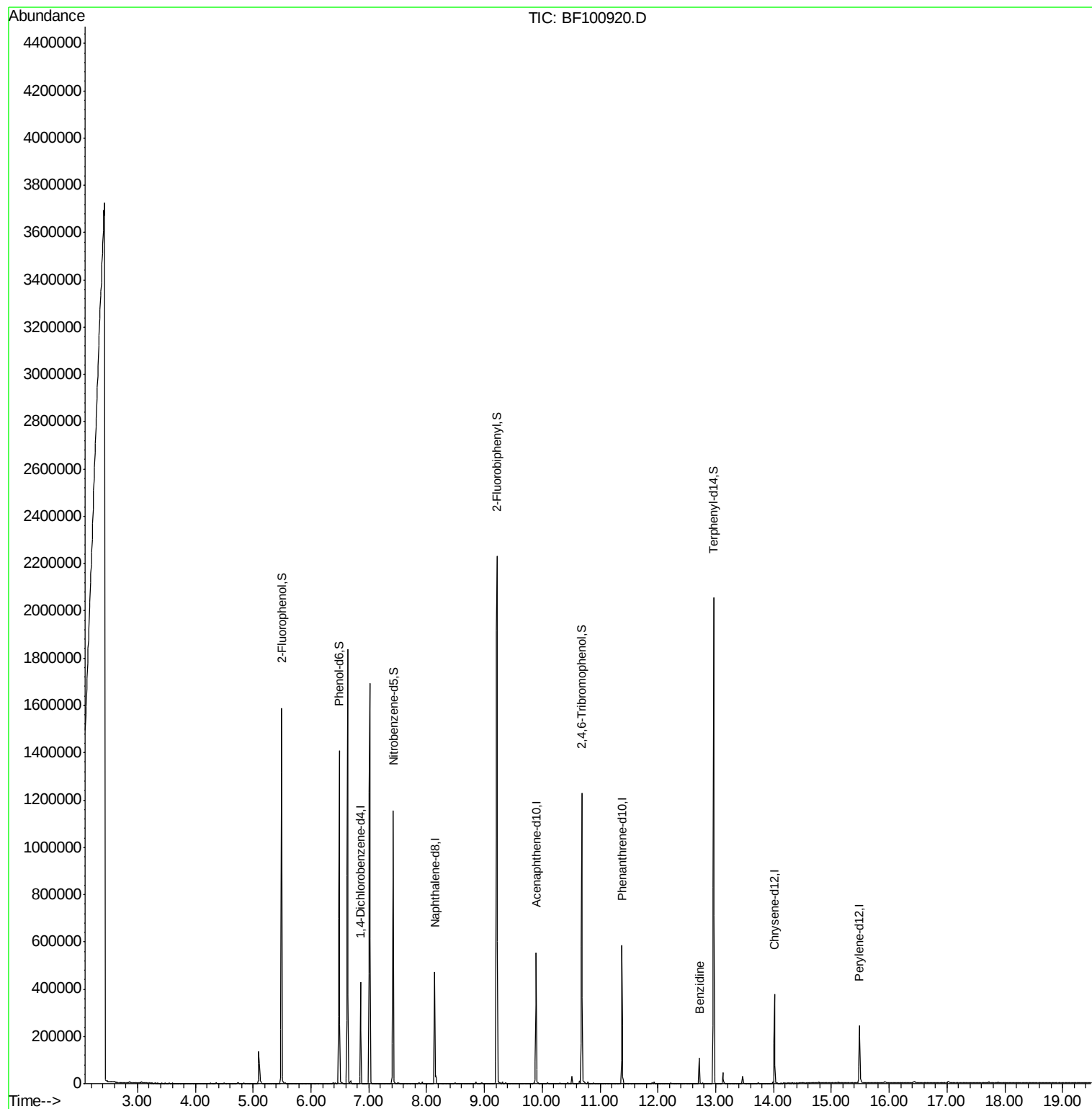
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	58689	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	235557	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	109613	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	202640	20.00	ng	0.00
75) Chrysene-d12	14.02	240	135508	20.00	ng	-0.01
86) Perylene-d12	15.49	264	120292	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	453671	123.91	ng	0.02
7) Phenol-d6	6.49	99	488946	108.30	ng	0.00
23) Nitrobenzene-d5	7.42	82	394647	110.76	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	179851	161.02	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	818116	113.65	ng	0.00
78) Terphenyl-d14	12.97	244	745089	126.34	ng	0.00
Target Compounds						
76) Benzidine	12.72	184	52464	9.668	ng	Qvalue 97

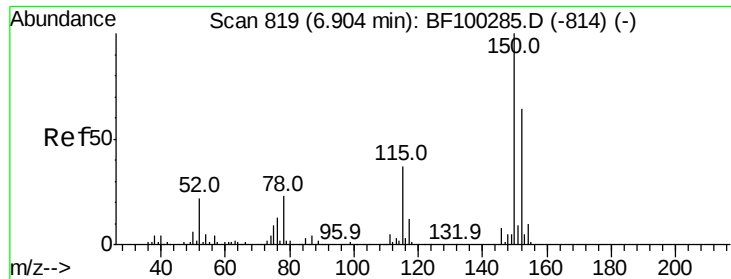
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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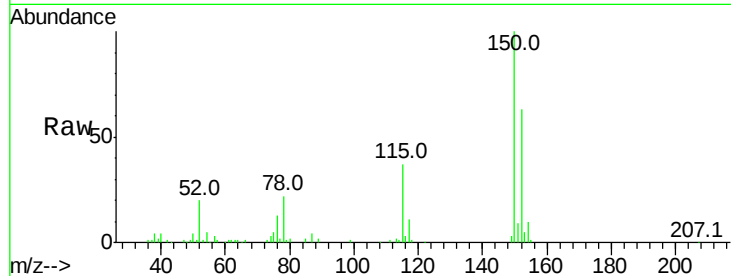


#1

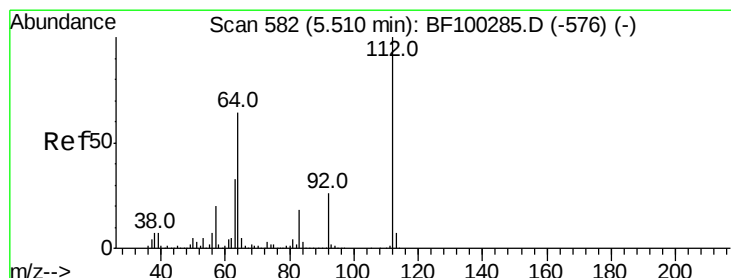
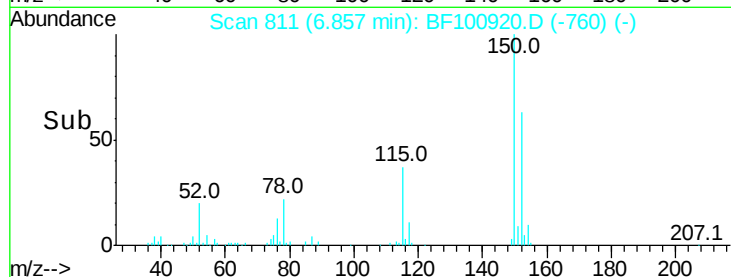
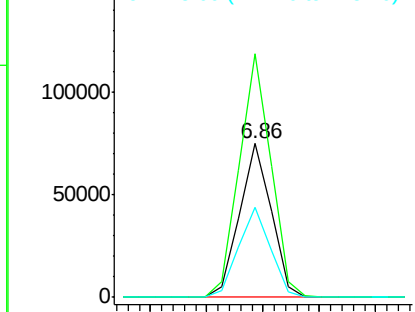
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100920.D
Acq: 28 Nov 2017 4:35

Instrument :
BNA_F
ClientSampleId :
KUSER-CONCRETE

Tot Ion:152 Resp: 58689
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 58.7 50.1 75.1



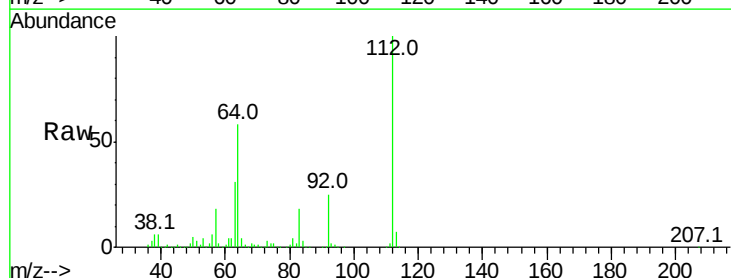
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



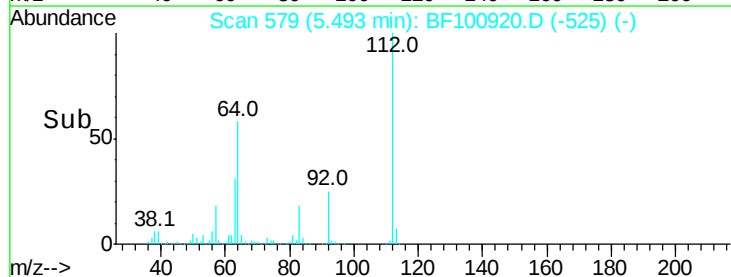
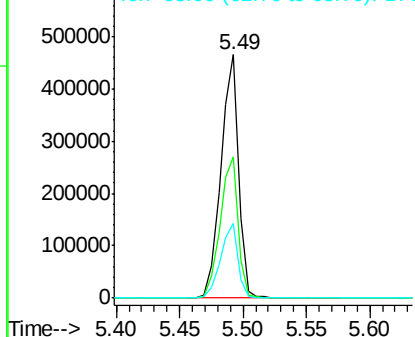
#5

2-Fluorophenol
Concen: 123.912 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF100920.D
Acq: 28 Nov 2017 4:35

Tgt Ion:112 Resp: 453671
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 30.5 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: 108.299 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100920.D

Acq: 28 Nov 2017 4:35

Instrument :

BNA_F

ClientSampleId :

KUSER-CONCRETE

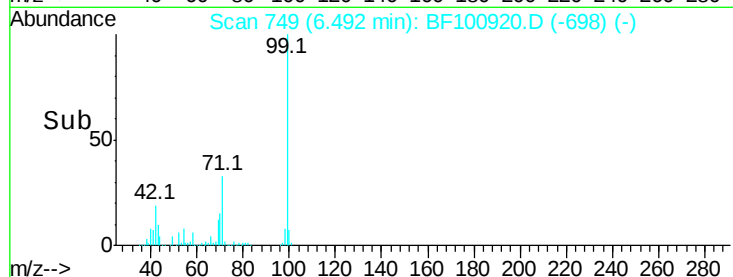
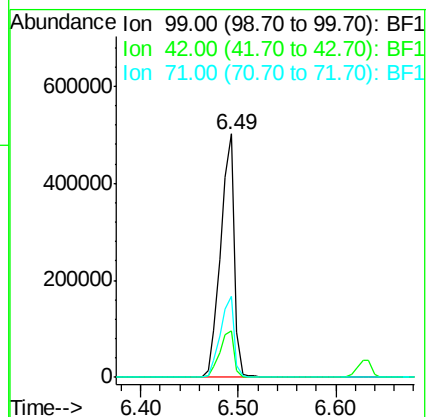
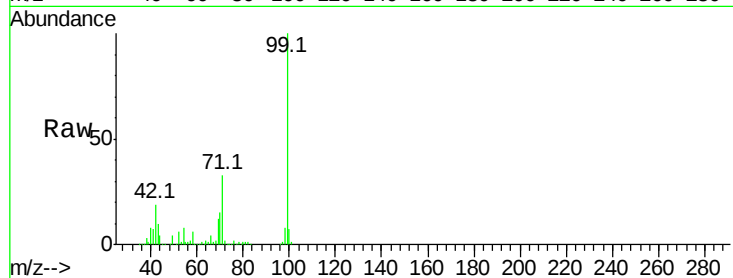
Tot Ion: 99 Resp: 488946

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100920.D

Acq: 28 Nov 2017 4:35

Tgt Ion: 136 Resp: 235557

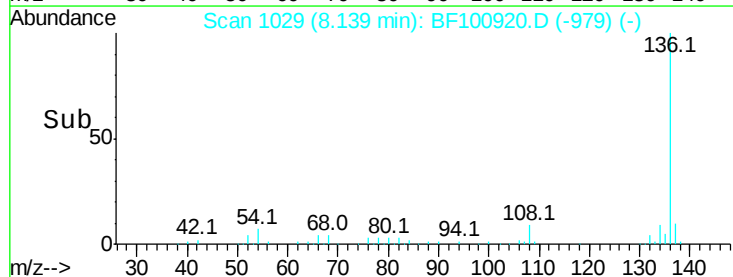
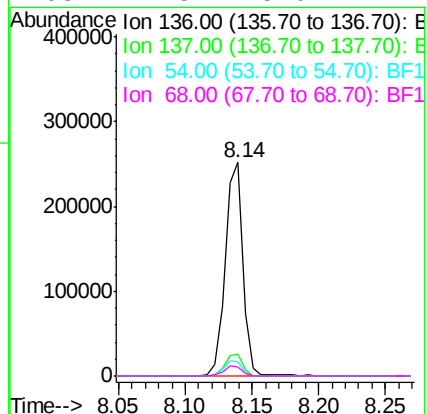
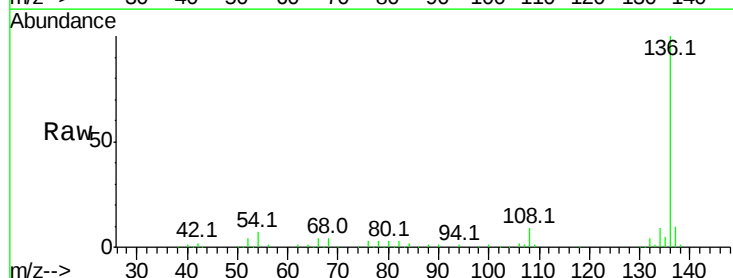
Ion Ratio Lower Upper

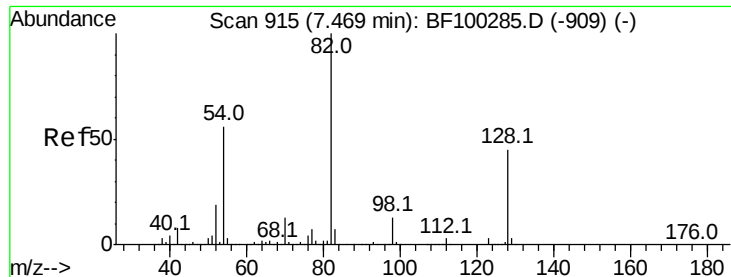
136 100

137 10.4 8.9 13.3

54 6.8 6.6 9.8

68 4.5 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 110.765 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF100920.D

Acq: 28 Nov 2017 4:35

Instrument :

BNA_F

ClientSampleId :

KUSER-CONCRETE

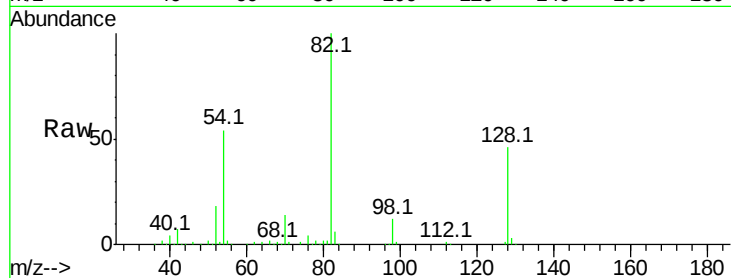
Tot Ion: 82 Resp: 394647

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

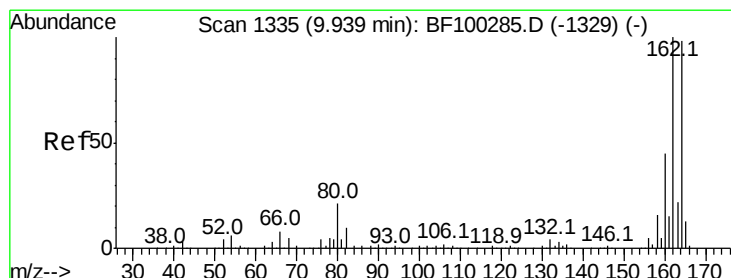
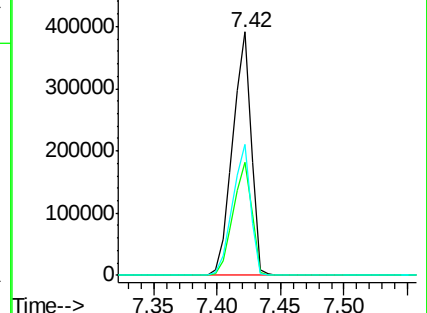
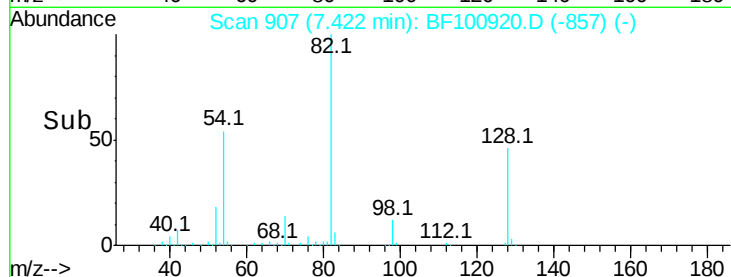
54 53.9 41.4 62.2



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100920.D

Acq: 28 Nov 2017 4:35

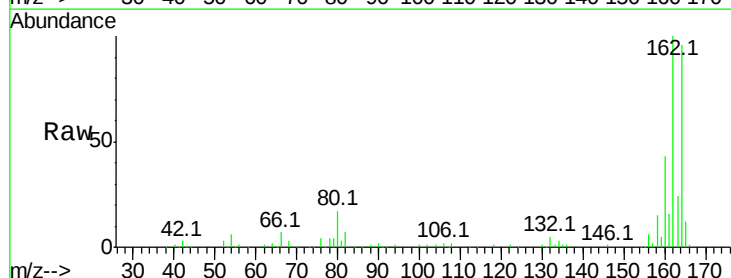
Tgt Ion:164 Resp: 109613

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

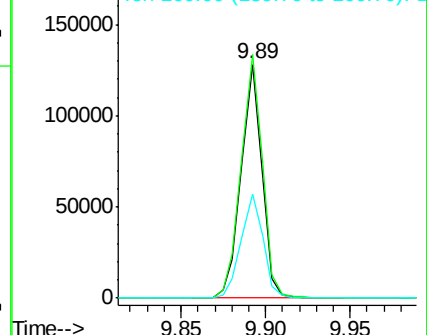
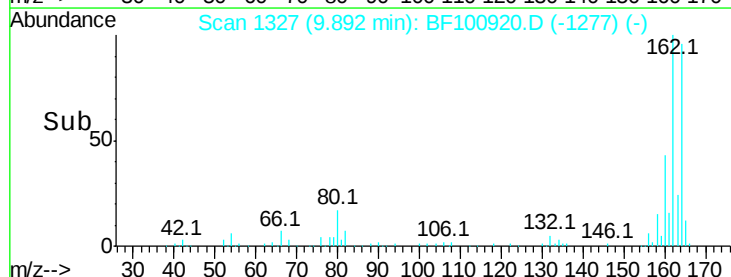
160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

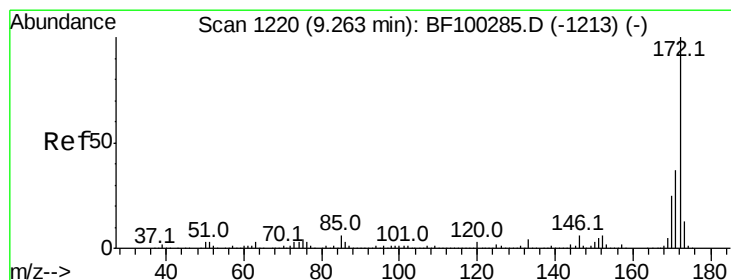
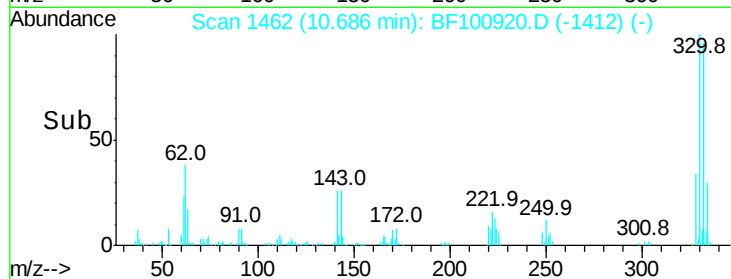
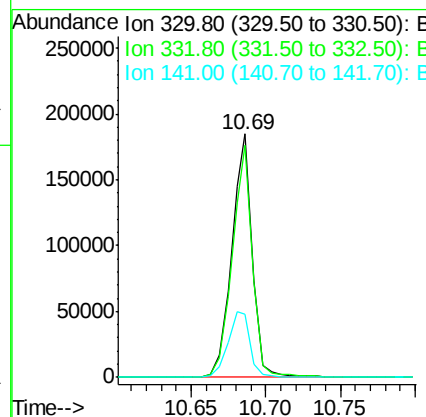
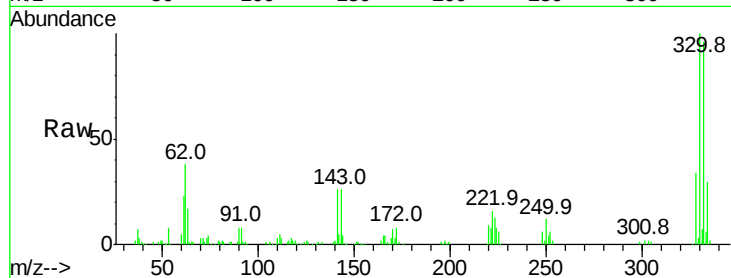




#41
 2,4,6-Tribromophenol
 Concen: 161.019 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100920.D
 Acq: 28 Nov 2017 4:35

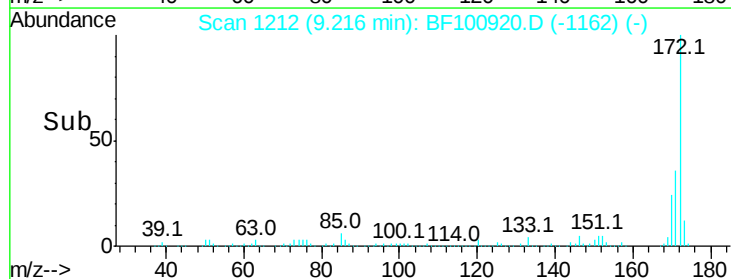
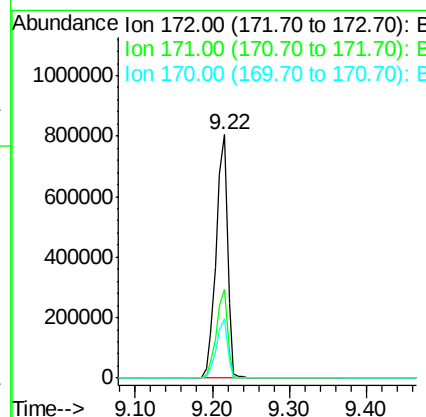
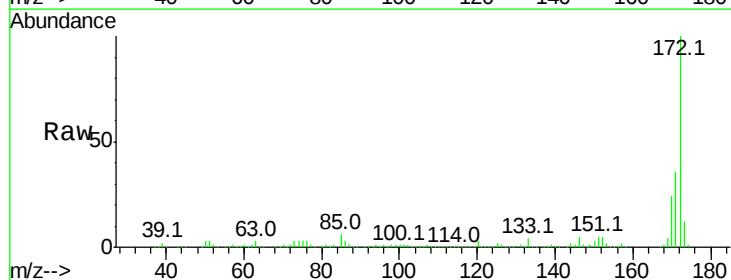
Instrument :
 BNA_F
 ClientSampleId :
 KUSER-CONCRETE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.1	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 113.650 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100920.D
 Acq: 28 Nov 2017 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

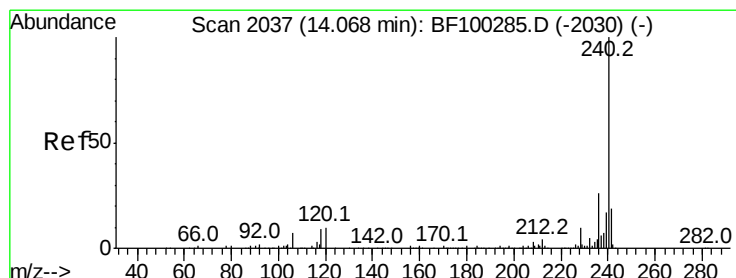
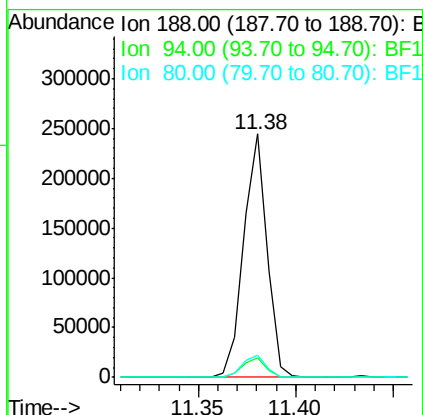
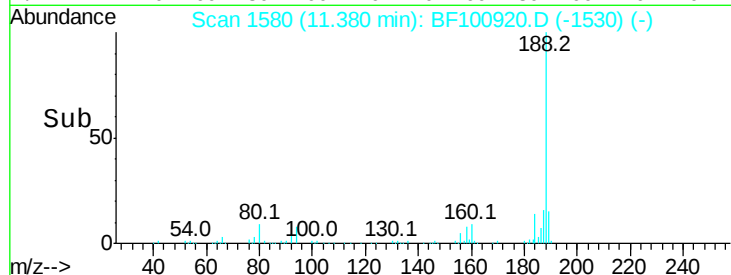
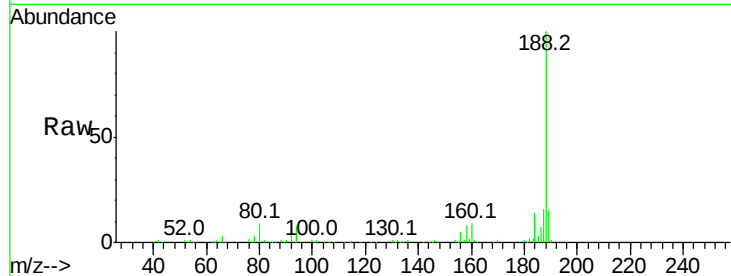




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100920.D
Acq: 28 Nov 2017 4:35

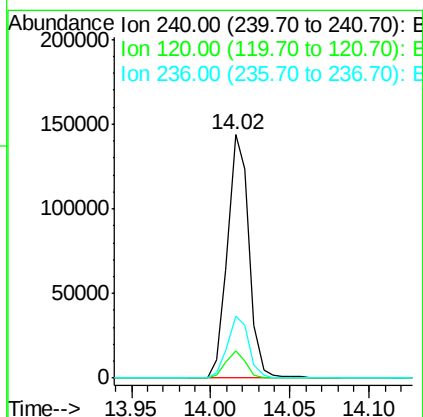
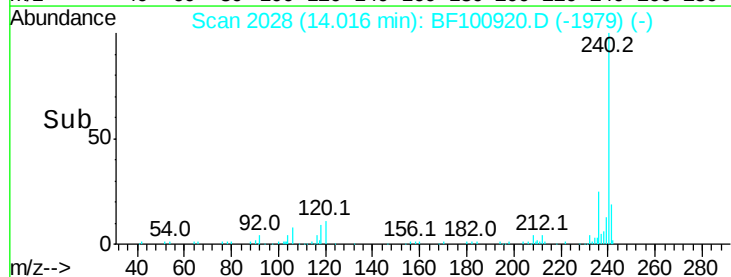
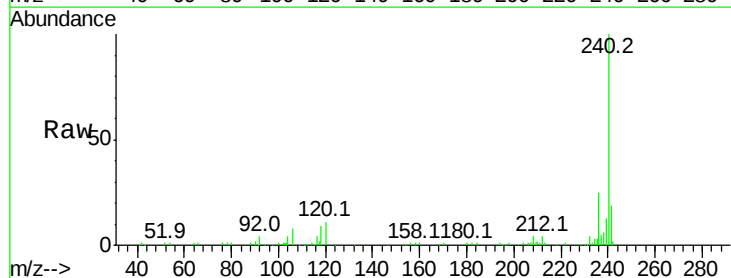
Instrument :
BNA_F
ClientSampleId :
KUSER-CONCRETE

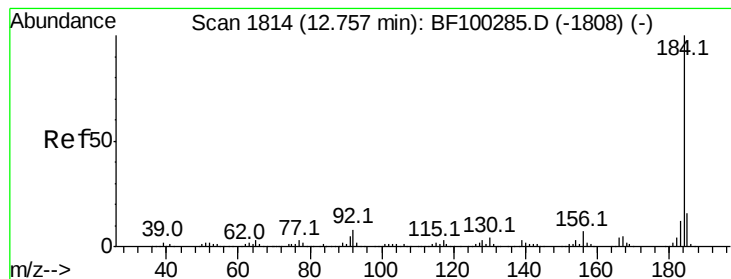
Tot Ion:188 Resp: 202640
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100920.D
Acq: 28 Nov 2017 4:35

Tgt Ion:240 Resp: 135508
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.3 20.7 31.1





#76

Benzidine

Concen: 9.668 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF100920.D

Acq: 28 Nov 2017 4:35

Instrument :

BNA_F

ClientSampleId :

KUSER-CONCRETE

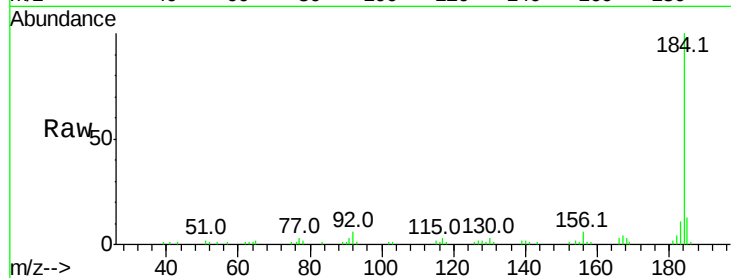
Tot Ion:184 Resp: 52464

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

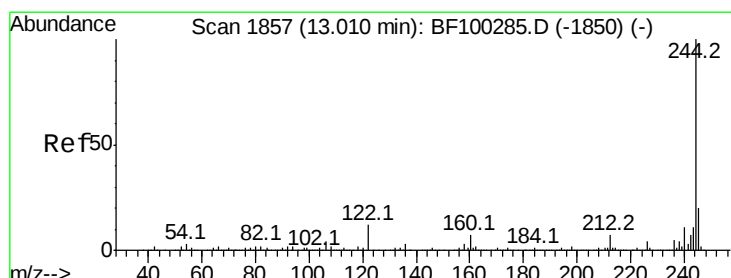
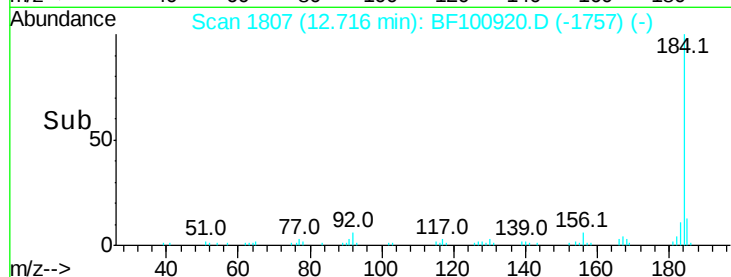
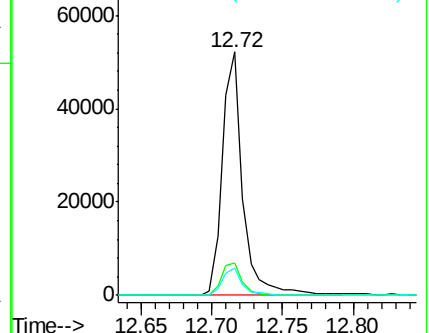
183 11.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 126.339 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100920.D

Acq: 28 Nov 2017 4:35

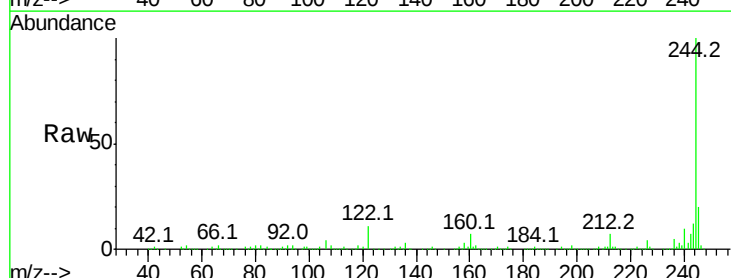
Tgt Ion:244 Resp: 745089

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

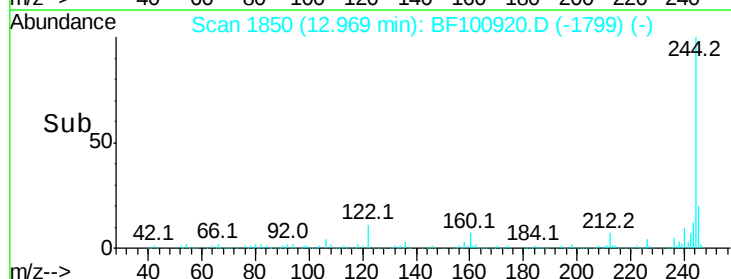
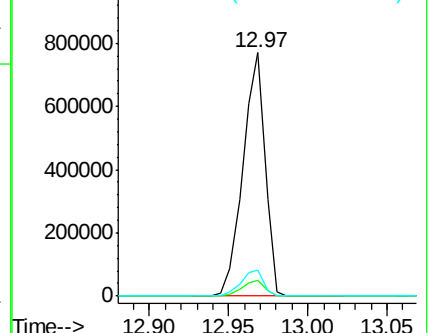
122 10.5 11.0 16.4#



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

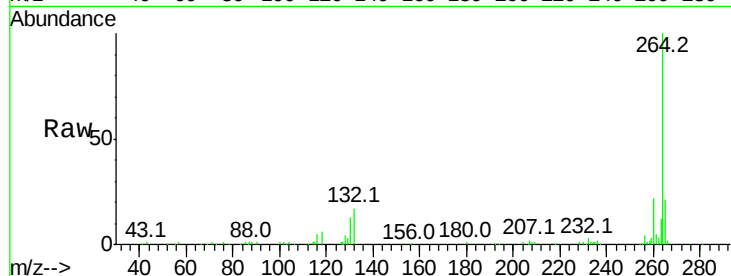




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF100920.D
Acq: 28 Nov 2017 4:35

Instrument :
BNA_F
ClientSampleId :
KUSER-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.2	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

