

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100452.D
 Acq On : 11 Nov 2017 20:24
 Operator : SJ/JU
 Sample : I6396-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-CONCRETE

Quant Time: Nov 13 04:30:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

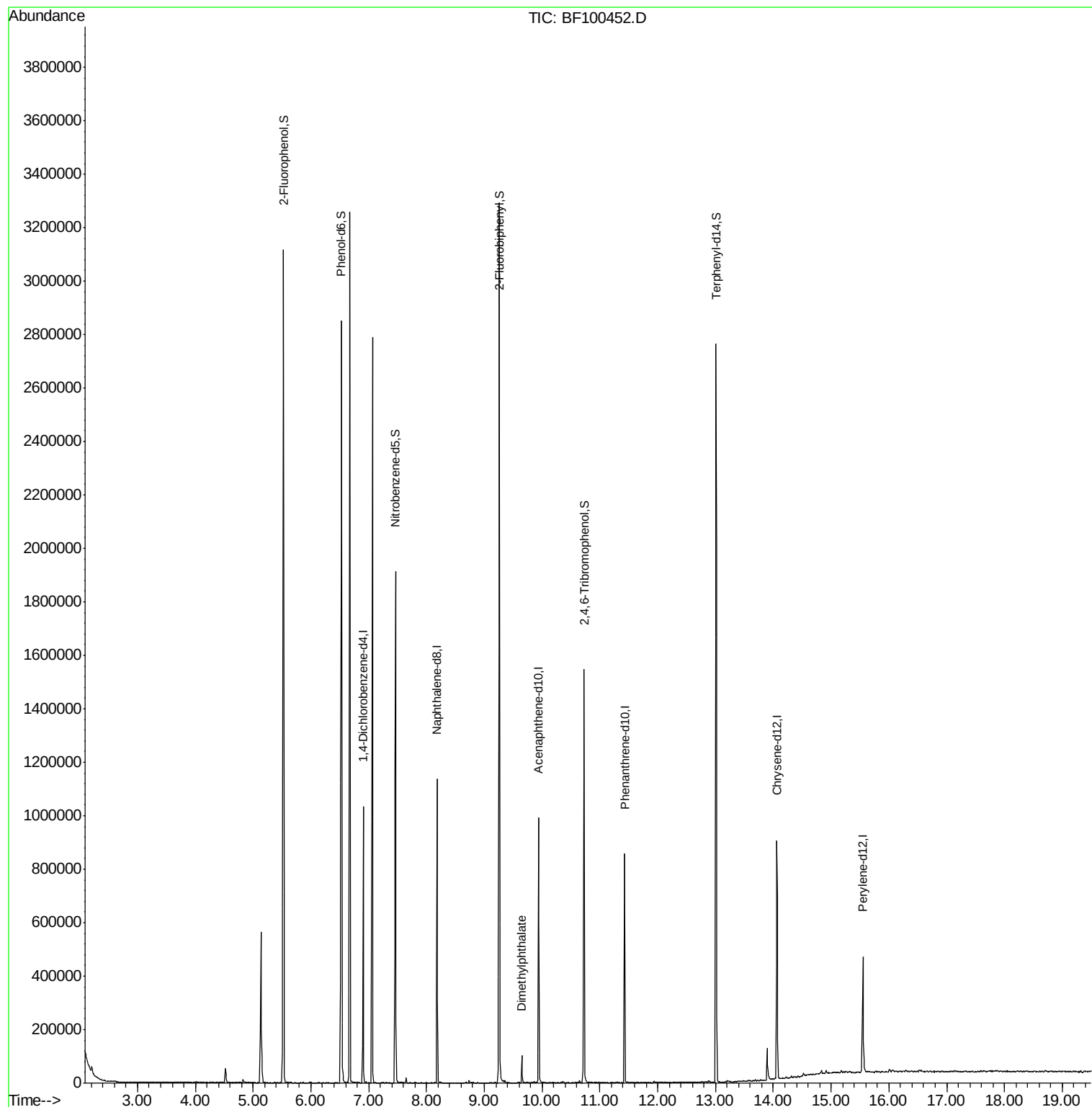
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141504	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	503522	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	189441	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	305257	20.00	ng	0.00
75) Chrysene-d12	14.06	240	293215	20.00	ng	0.00
86) Perylene-d12	15.55	264	210597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	902993	102.29	ng	0.01
7) Phenol-d6	6.53	99	1121148	102.99	ng	0.00
23) Nitrobenzene-d5	7.46	82	686102	90.09	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	184781	95.72	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1166551	93.77	ng	0.00
78) Terphenyl-d14	13.01	244	909670	71.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	46304	3.201	ng	98

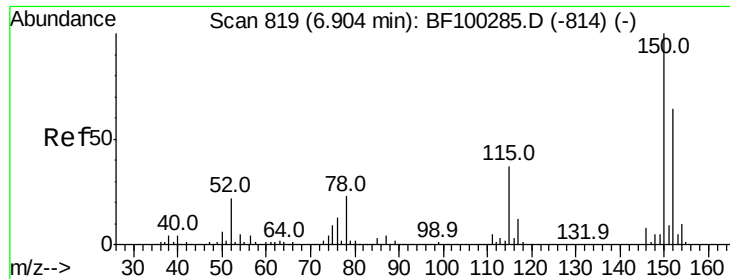
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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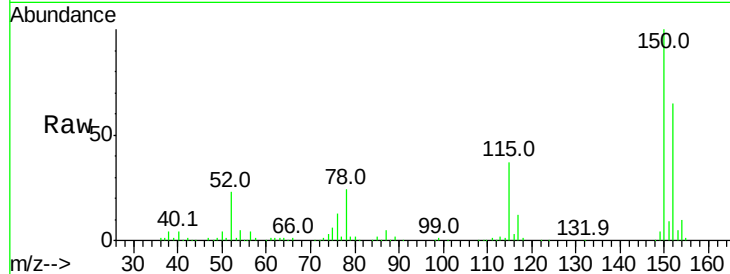


#1

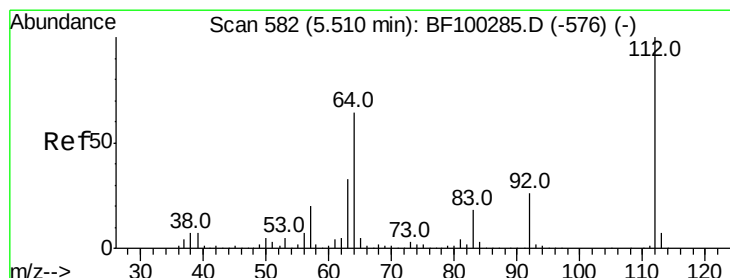
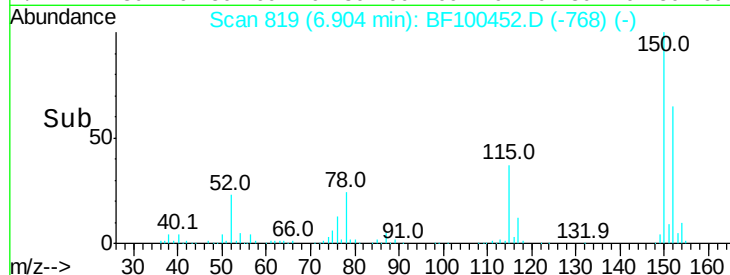
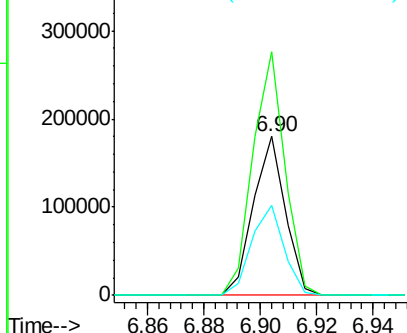
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100452.D
Acq: 11 Nov 2017 20:24

Instrument :
BNA_F
ClientSampleId :
LS-CONCRETE

Tot Ion:152 Resp: 141504
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 56.7 50.1 75.1



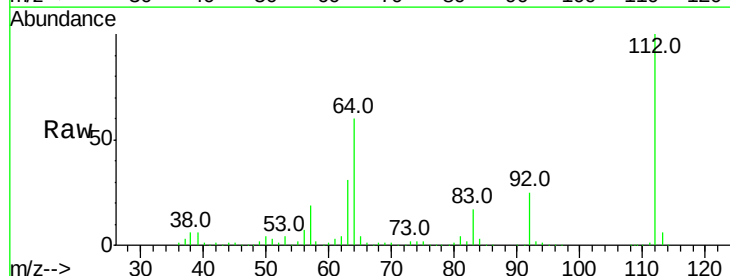
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



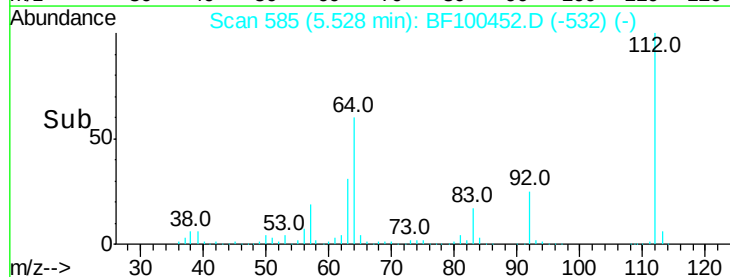
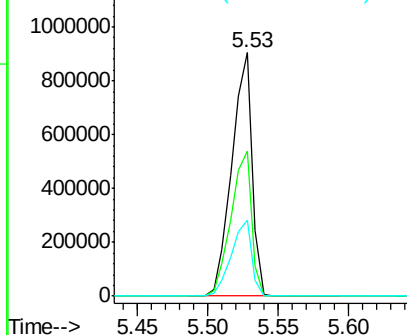
#5

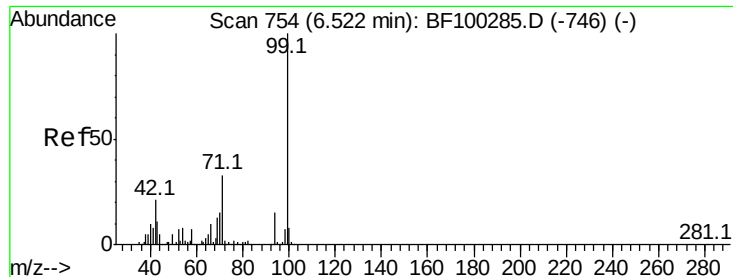
2-Fluorophenol
Concen: 102.293 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100452.D
Acq: 11 Nov 2017 20:24

Tgt Ion:112 Resp: 902993
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 31.1 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: 102.995 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100452.D

Acq: 11 Nov 2017 20:24

Instrument :

BNA_F

ClientSampled :

LS-CONCRETE

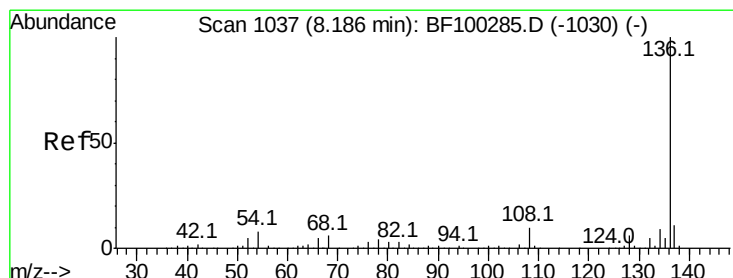
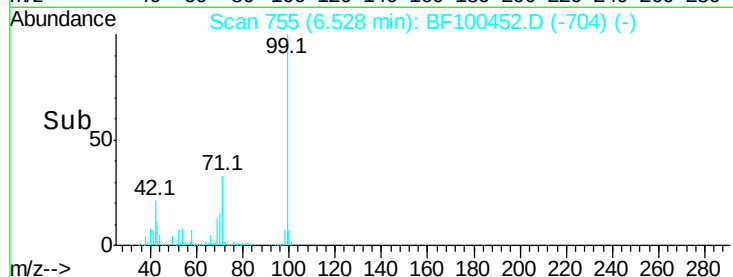
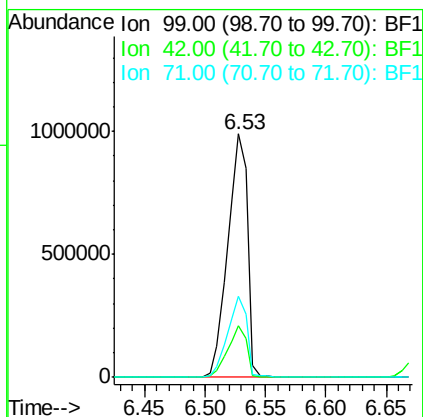
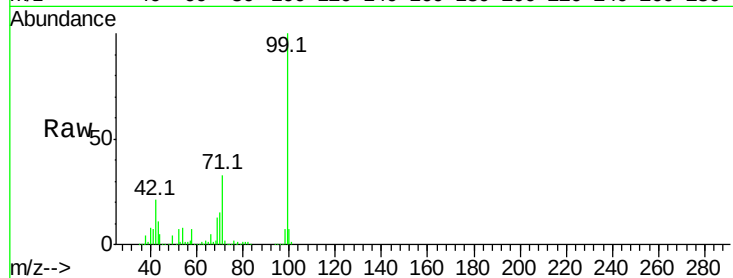
Tot Ion: 99 Resp: 1121148

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100452.D

Acq: 11 Nov 2017 20:24

Tgt Ion: 136 Resp: 503522

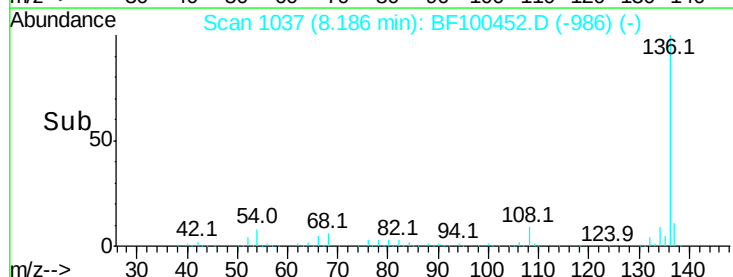
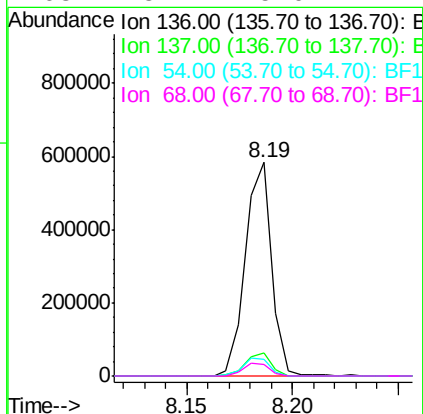
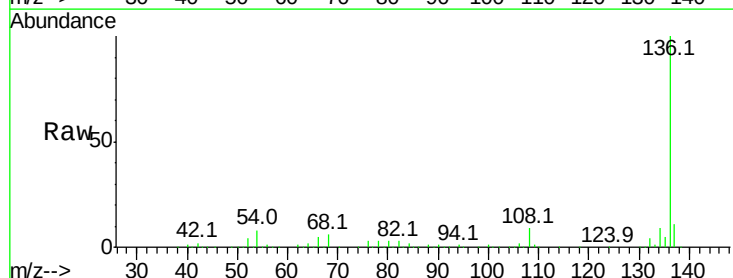
Ion Ratio Lower Upper

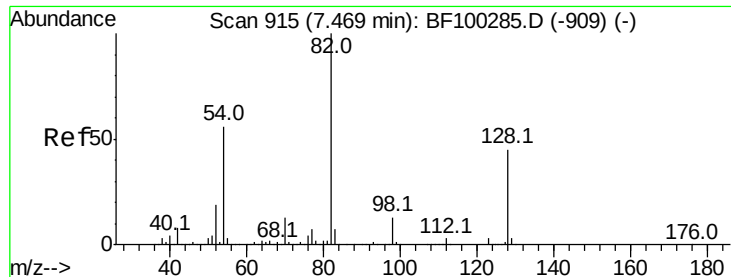
136 100

137 10.7 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

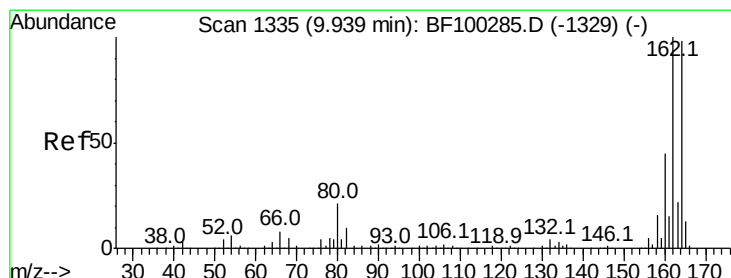
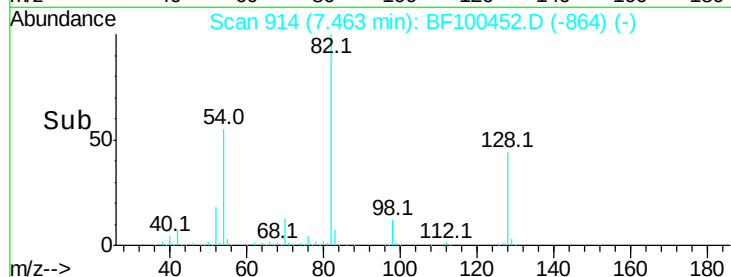
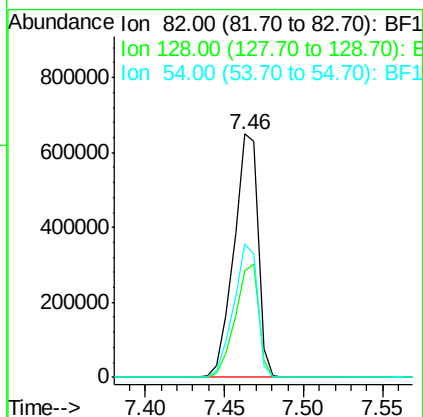
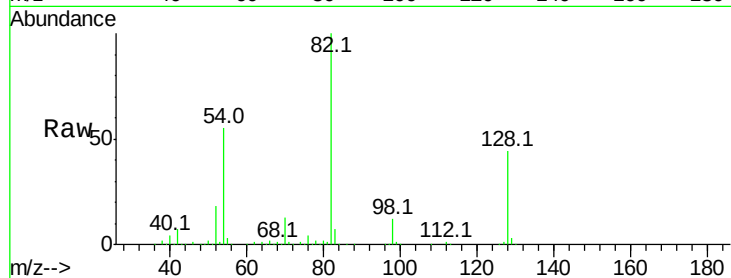




#23
 Nitrobenzene-d5
 Concen: 90.086 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100452.D
 Acq: 11 Nov 2017 20:24

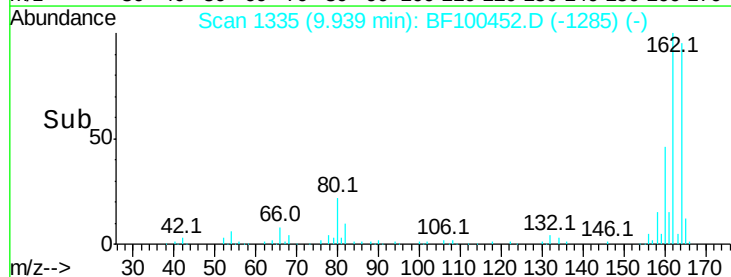
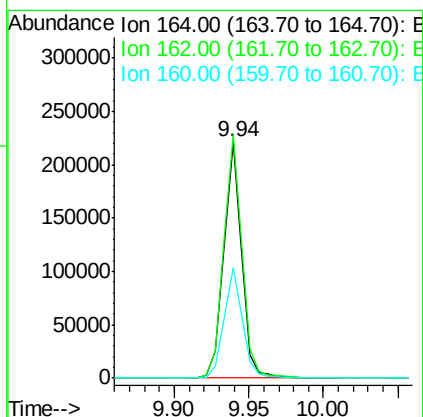
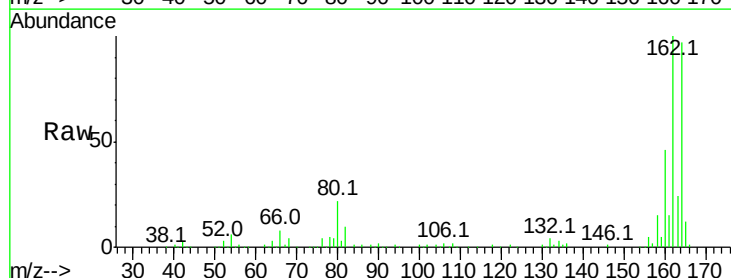
Instrument :
 BNA_F
 ClientSampleId :
 LS-CONCRETE

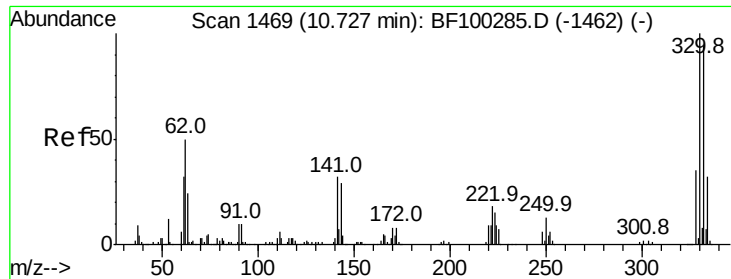
Tot Ion: 82 Resp: 686102
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 54.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100452.D
 Acq: 11 Nov 2017 20:24

Tgt Ion: 164 Resp: 189441
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 47.1 38.3 57.5

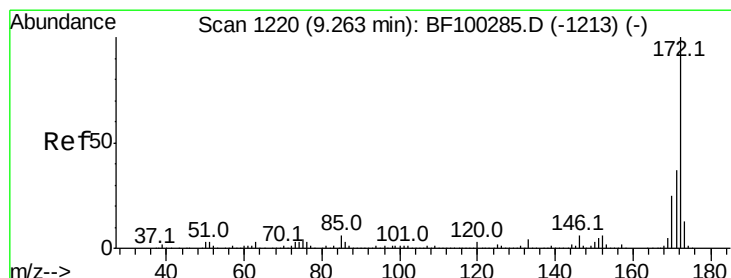
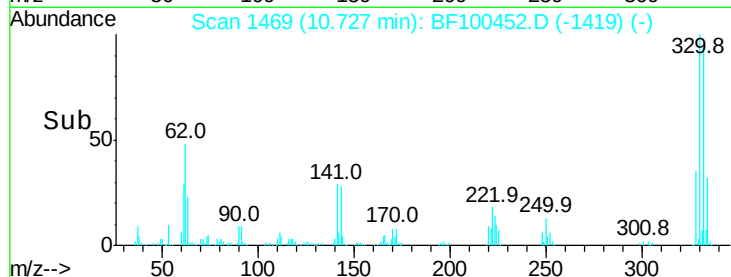
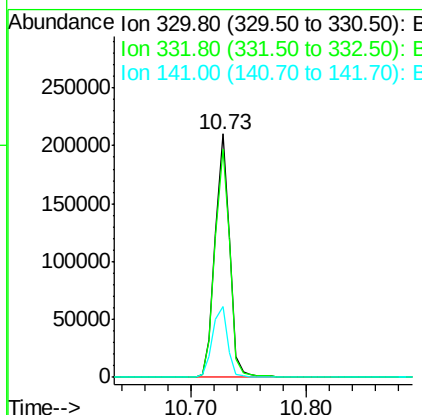
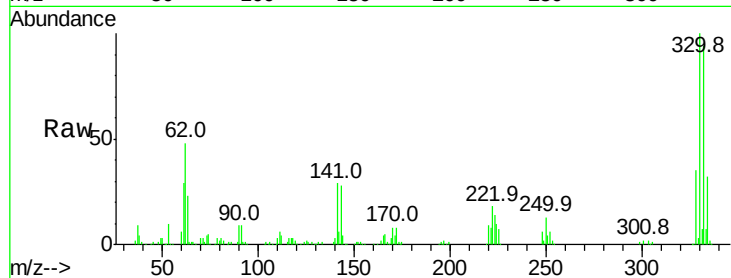




#41
 2,4,6-Tribromophenol
 Concen: 95.721 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100452.D
 Acq: 11 Nov 2017 20:24

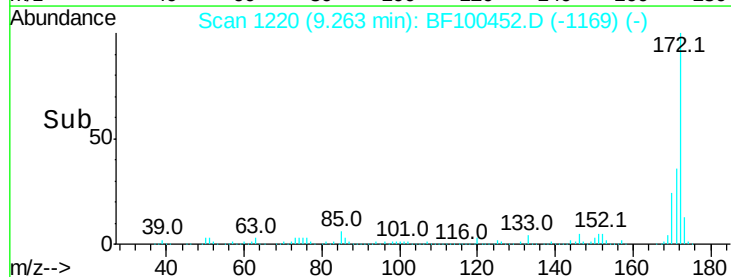
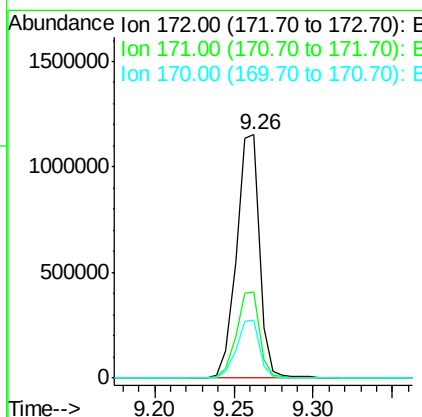
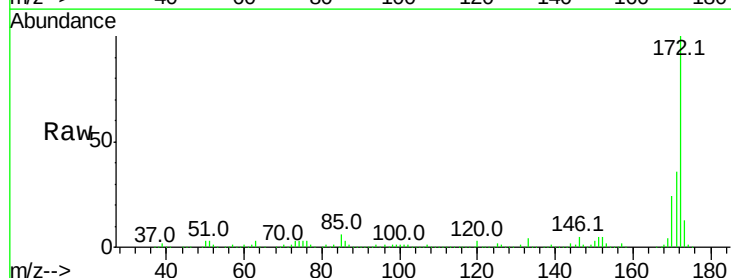
Instrument :
 BNA_F
 ClientSampled :
 LS-CONCRETE

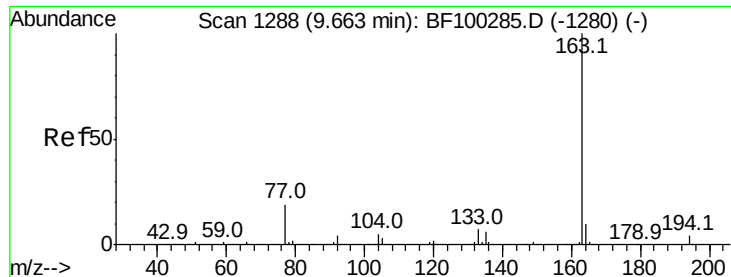
Tot Ion:330 Resp: 184781
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 30.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 93.766 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100452.D
 Acq: 11 Nov 2017 20:24

Tgt Ion:172 Resp: 1166551
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.9 19.6 29.4





#49

Dimethylphthalate

Concen: 3.201 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF100452.D

Acq: 11 Nov 2017 20:24

Instrument :

BNA_F

ClientSampleId :

LS-CONCRETE

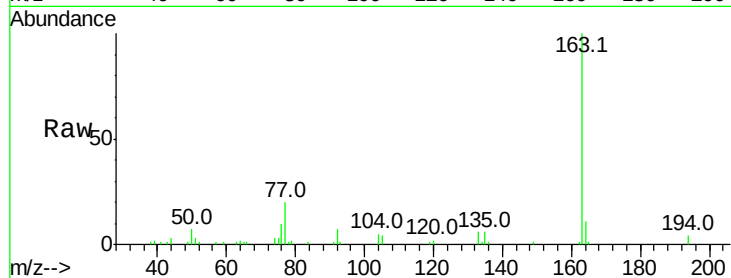
Tot Ion:163 Resp: 46304

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

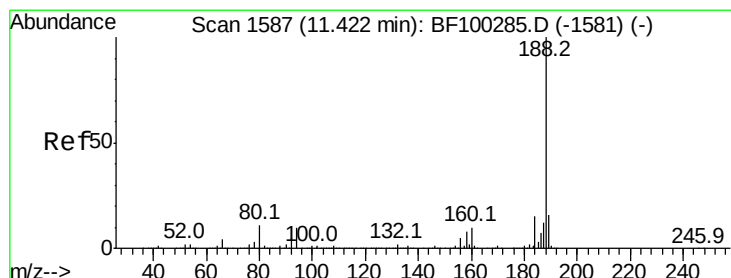
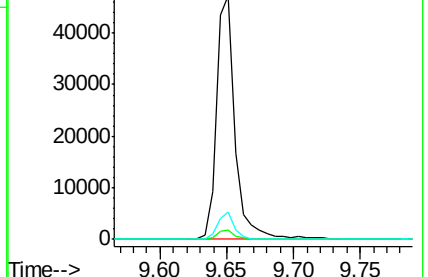
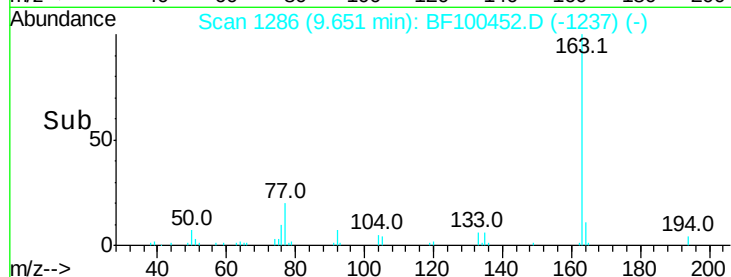
164 11.2 8.2 12.2



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: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100452.D

Acq: 11 Nov 2017 20:24

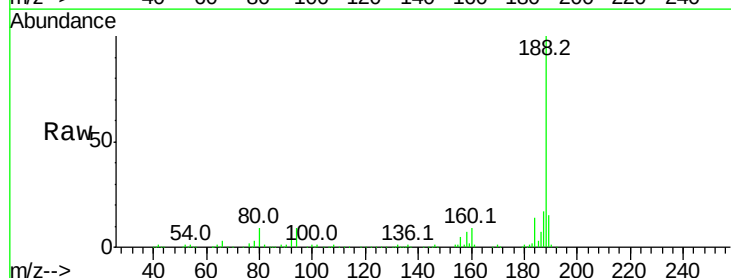
Tgt Ion:188 Resp: 305257

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

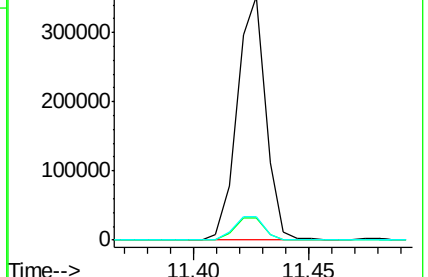
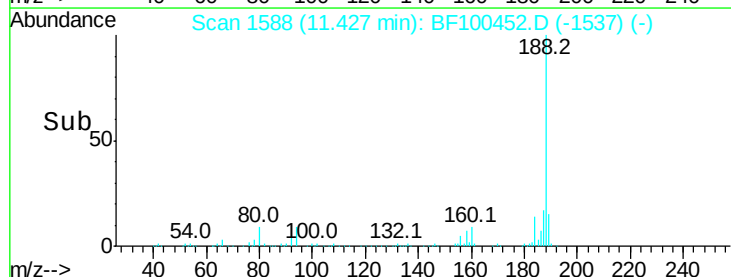
80 9.4 9.2 13.8

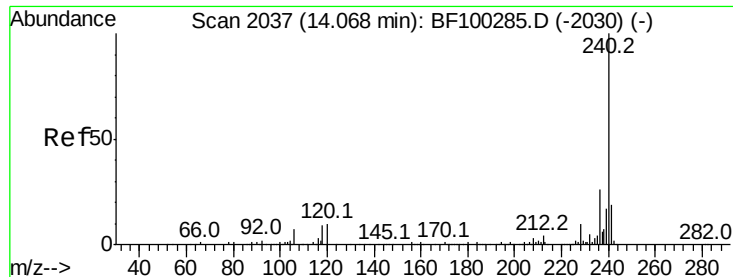


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100452.D

Acq: 11 Nov 2017 20:24

Instrument :

BNA_F

ClientSampleId :

LS-CONCRETE

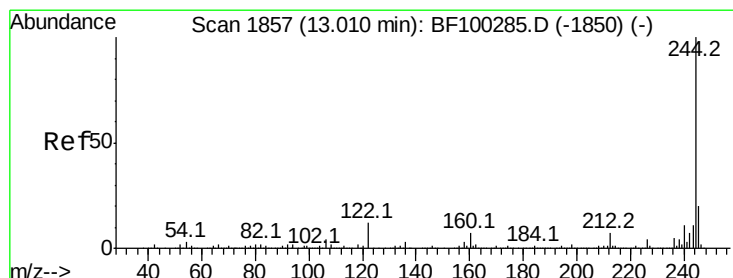
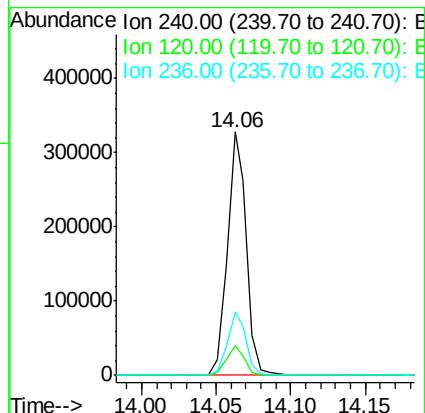
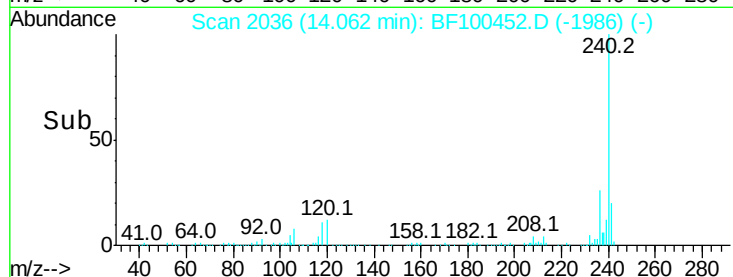
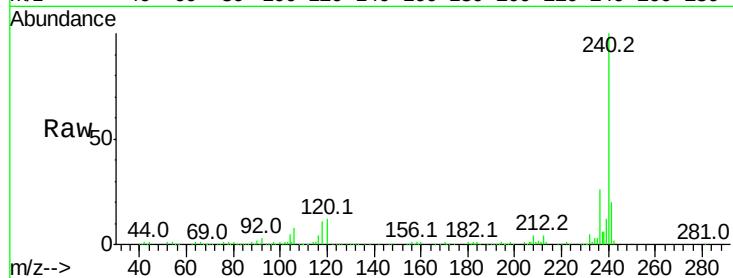
Tot Ion:240 Resp: 293215

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

236 25.7 20.7 31.1



#78

Terphenyl-d14

Concen: 71.284 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100452.D

Acq: 11 Nov 2017 20:24

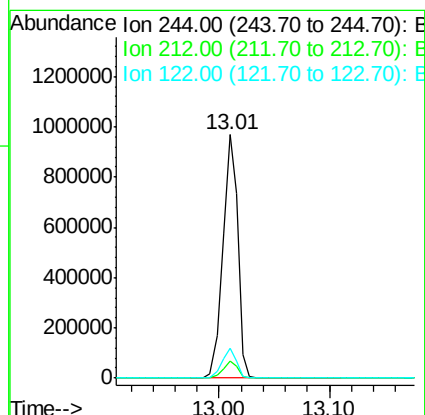
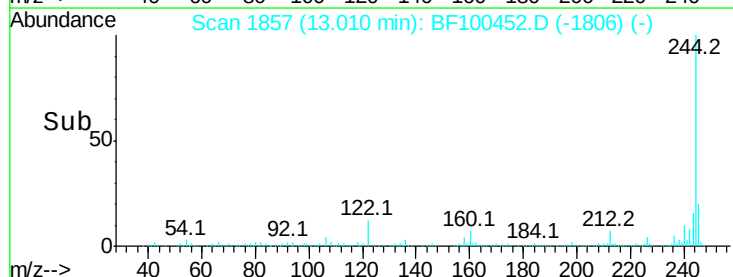
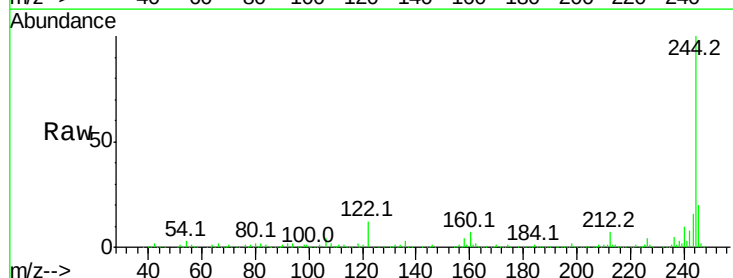
Tgt Ion:244 Resp: 909670

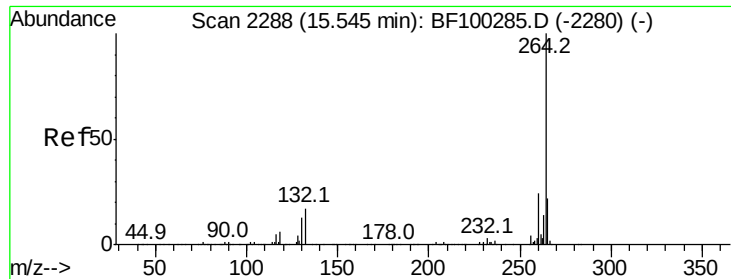
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 12.1 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100452.D
Acq: 11 Nov 2017 20:24

Instrument :
BNA_F
ClientSampleId :
LS-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3

