

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100435.D
 Acq On : 11 Nov 2017 12:48
 Operator : SJ/JU
 Sample : I6289-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-110817

Quant Time: Nov 13 02:43:11 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

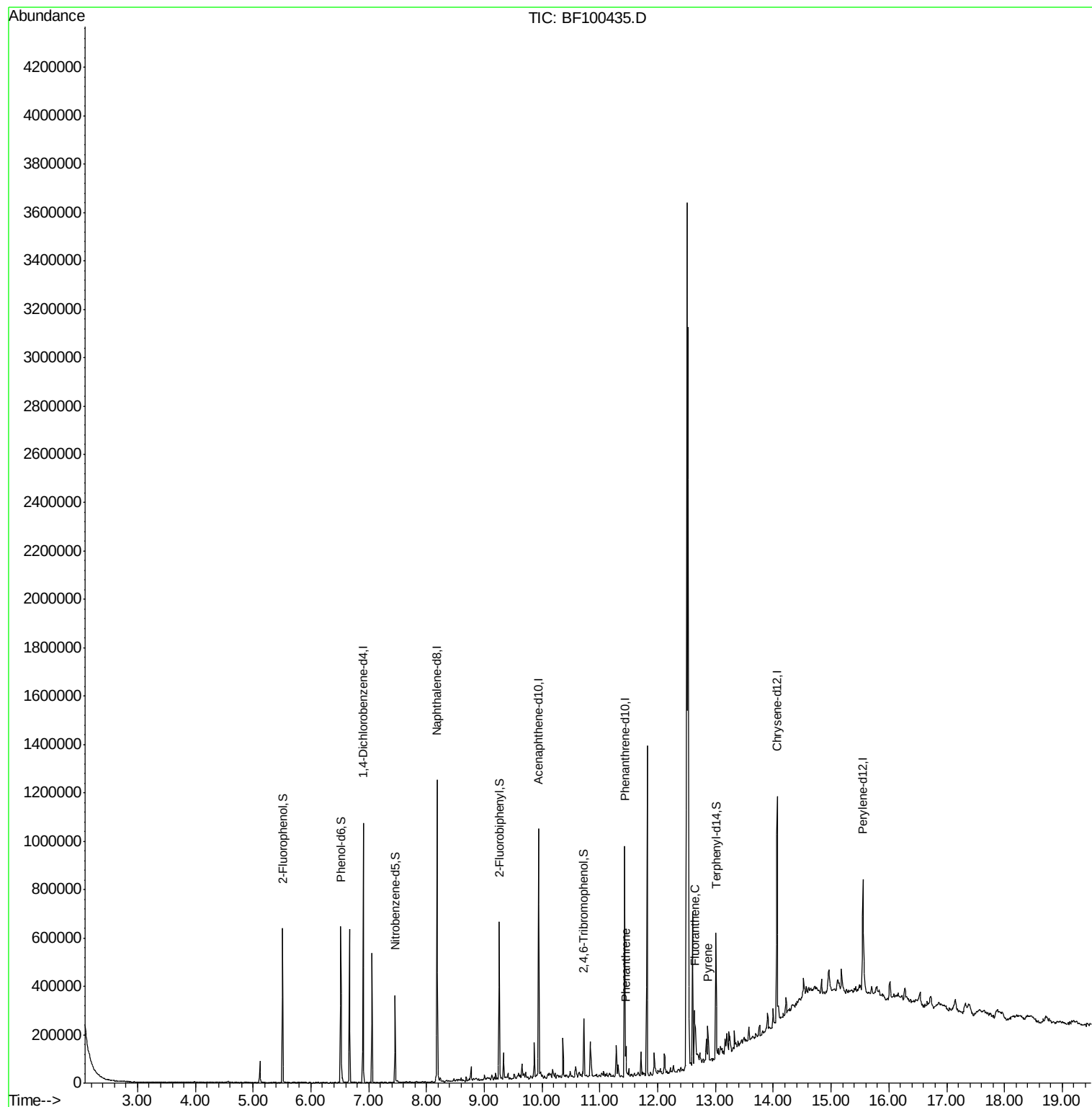
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142797	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	502643	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	188520	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	314130	20.00	ng	0.00
75) Chrysene-d12	14.07	240	313118	20.00	ng	0.00
86) Perylene-d12	15.55	264	228152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	155756	17.48	ng	0.00
7) Phenol-d6	6.52	99	184012	16.75	ng	-0.01
23) Nitrobenzene-d5	7.46	82	101350	13.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	28597	14.89	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	187541	15.15	ng	0.00
78) Terphenyl-d14	13.01	244	151501	11.12	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.45	178	37142	2.246	ng	95
74) Fluoranthene	12.64	202	53274	3.039	ng	97
77) Pyrene	12.87	202	52305	2.343	ng	97

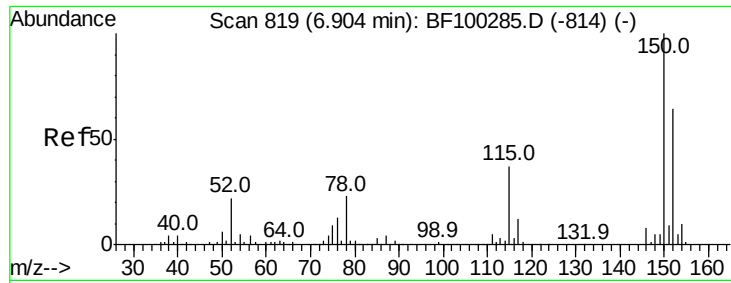
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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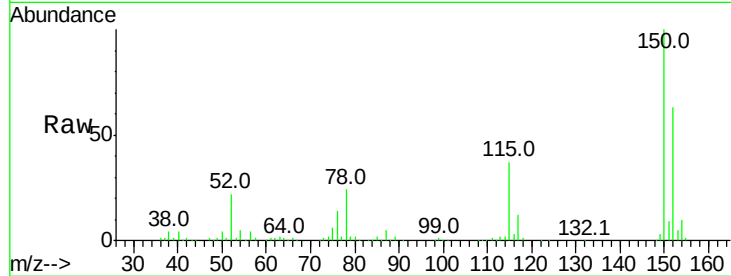


#1

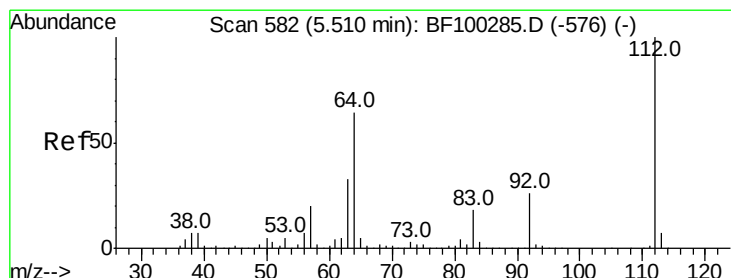
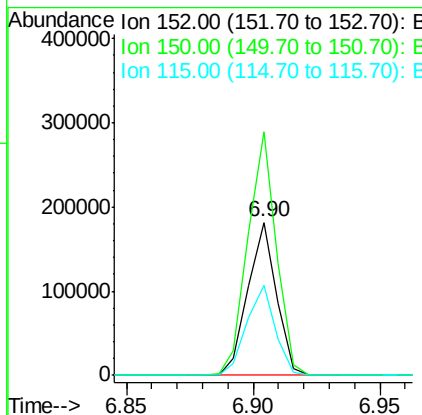
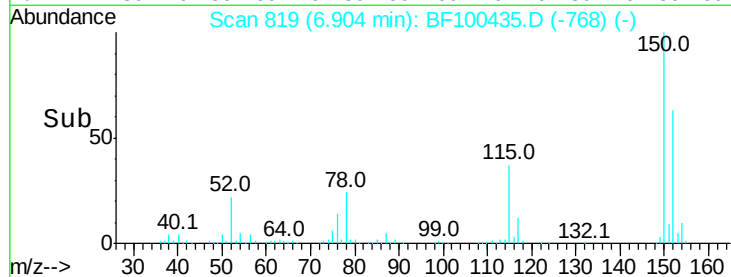
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100435.D
 Acq: 11 Nov 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-110817

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	59.0	50.1	75.1



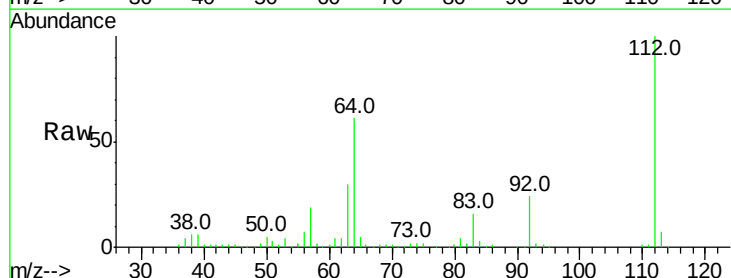
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



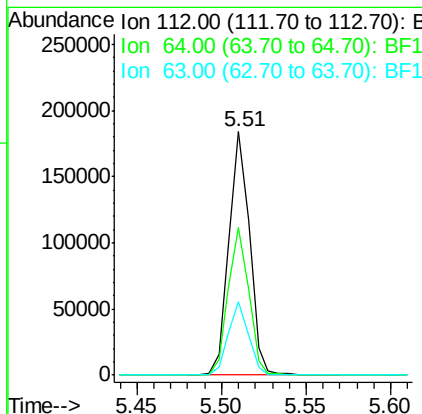
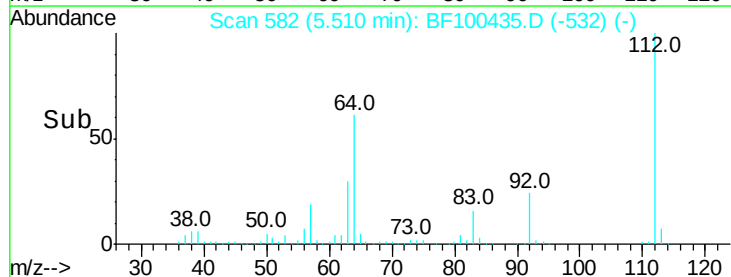
#5

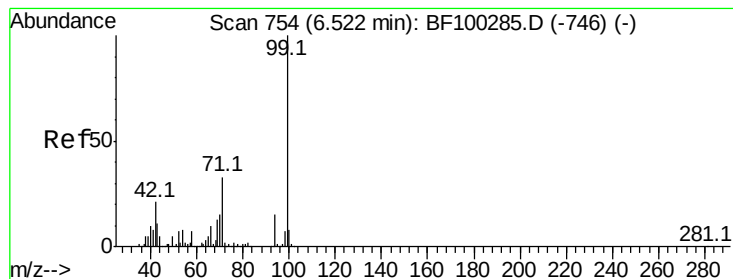
2-Fluorophenol
 Concen: 17.485 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF100435.D
 Acq: 11 Nov 2017 12:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.2	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: 16.751 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

Instrument :

BNA_F

ClientSampleId :

SU-02-110817

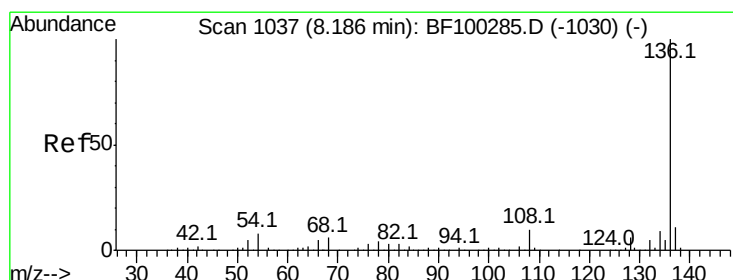
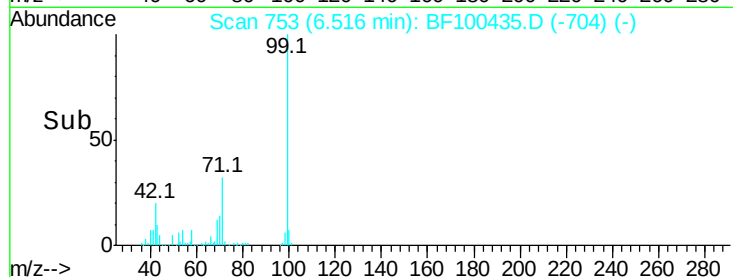
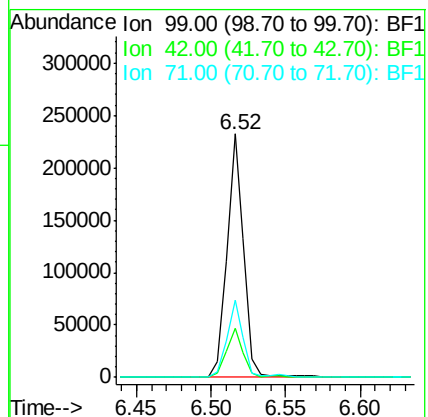
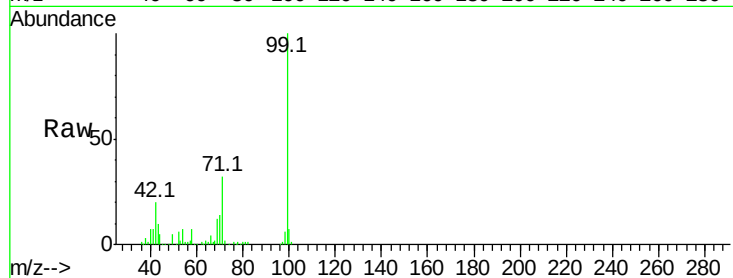
Tot Ion: 99 Resp: 184012

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.7 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: BF100435.D

Acq: 11 Nov 2017 12:48

Tgt Ion: 136 Resp: 502643

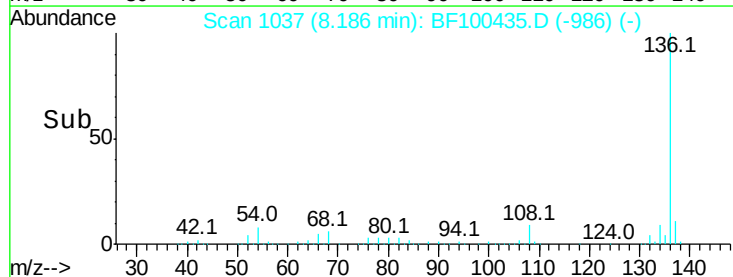
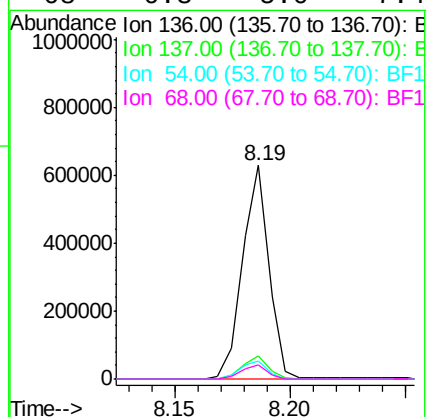
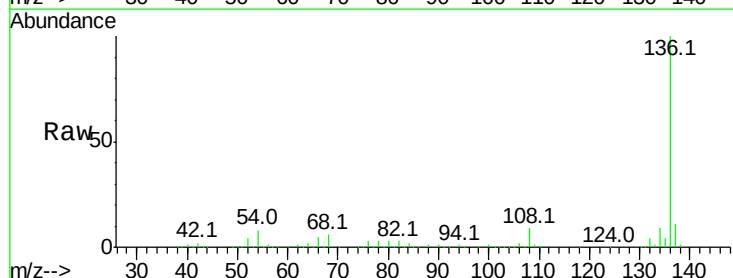
Ion Ratio Lower Upper

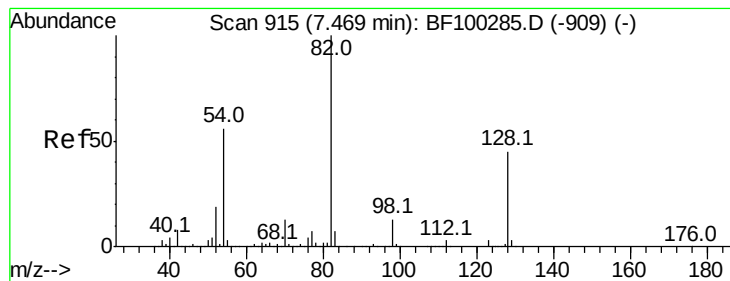
136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 13.331 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

Instrument :

BNA_F

ClientSampleId :

SU-02-110817

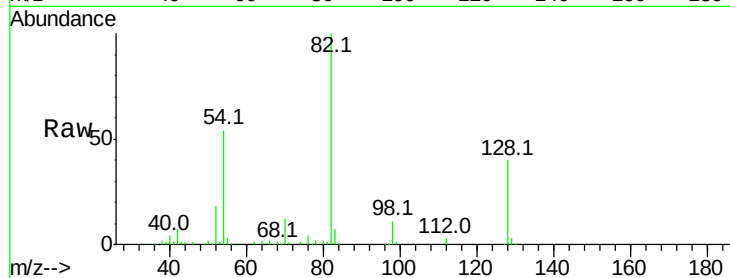
Tot Ion: 82 Resp: 101350

Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	53.9	41.4	62.2

82 100

128 40.1 36.1 54.1

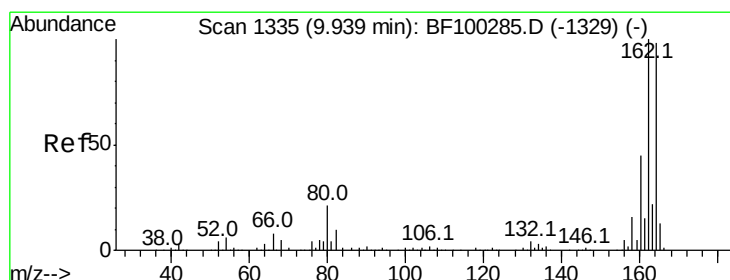
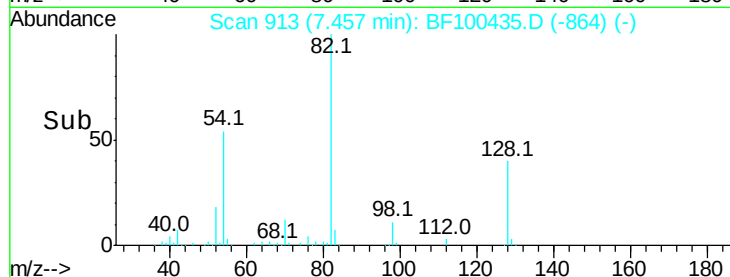
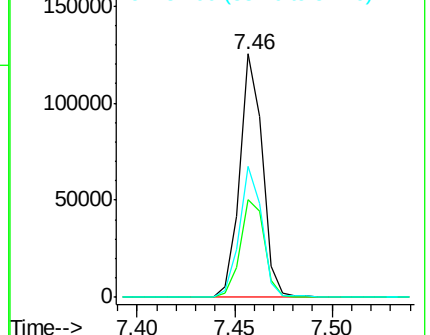
54 53.9 41.4 62.2



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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

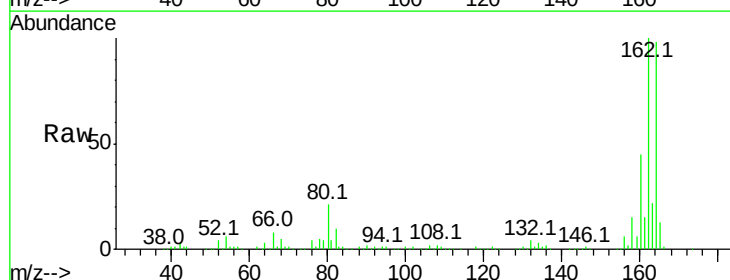
Tgt Ion:164 Resp: 188520

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.3	38.3	57.5

164 100

162 102.0 86.1 129.1

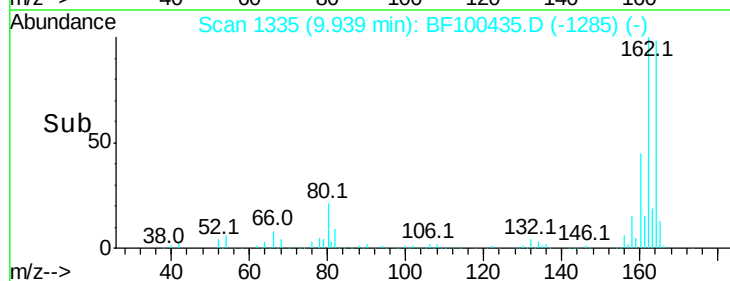
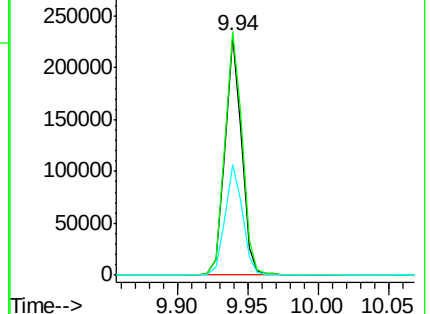
160 46.3 38.3 57.5

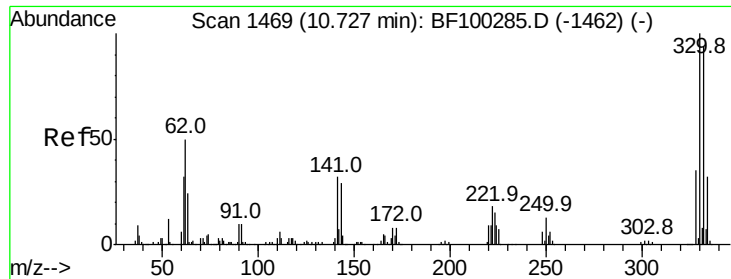


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

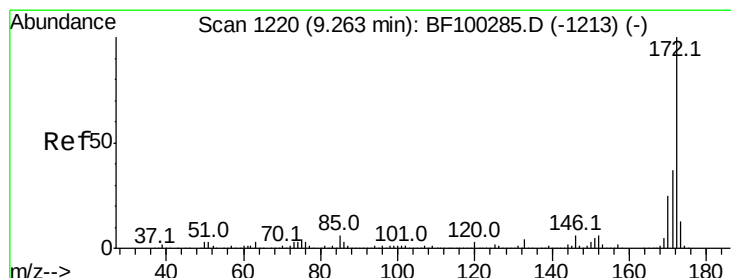
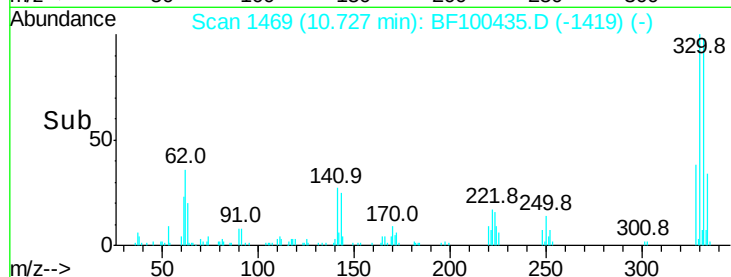
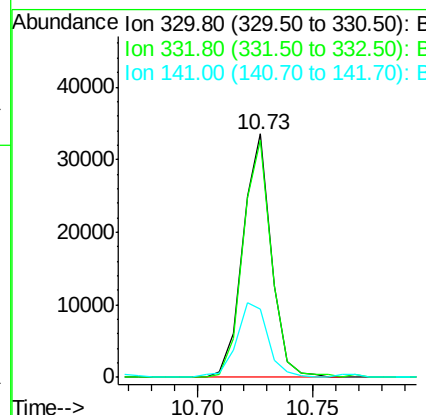
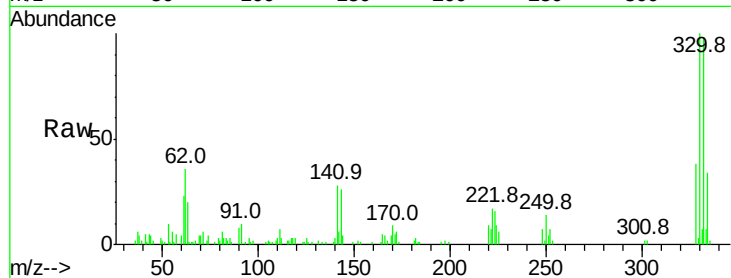




#41
 2,4,6-Tribromophenol
 Concen: 14.886 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100435.D
 Acq: 11 Nov 2017 12:48

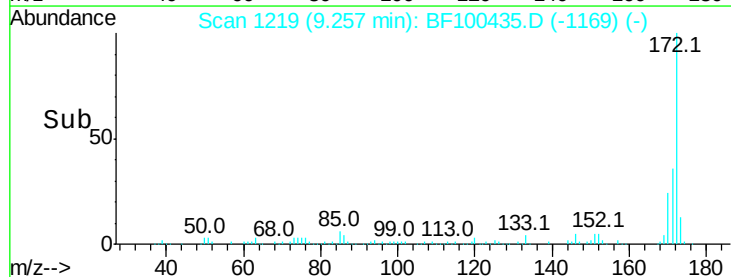
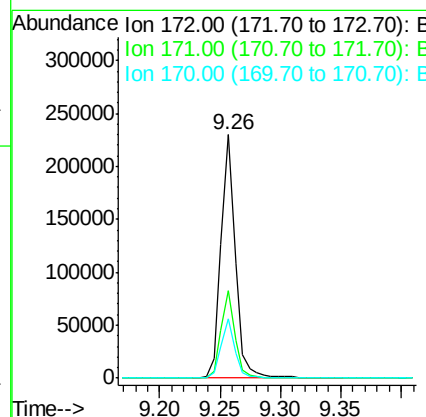
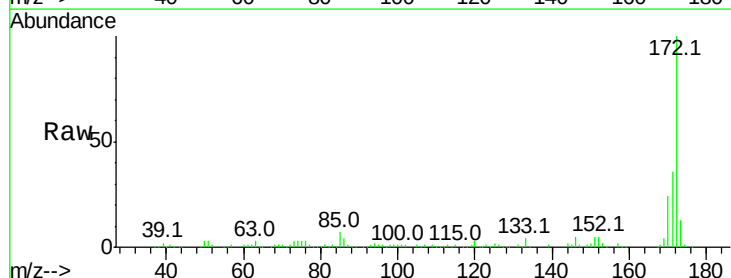
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-110817

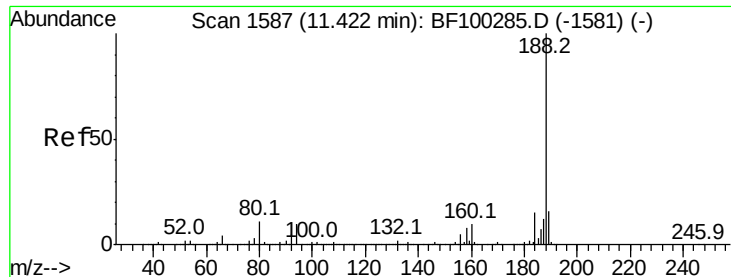
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	34.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 15.148 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100435.D
 Acq: 11 Nov 2017 12:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

Instrument :

BNA_F

ClientSampleId :

SU-02-110817

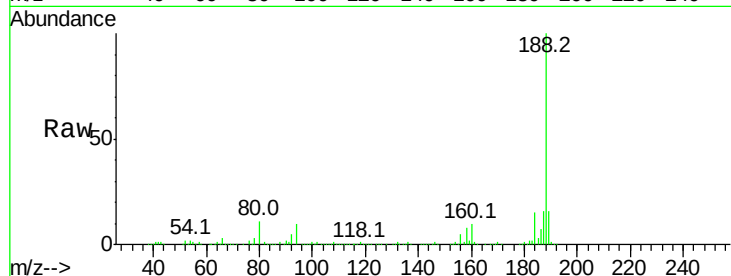
Tot Ion:188 Resp: 314130

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

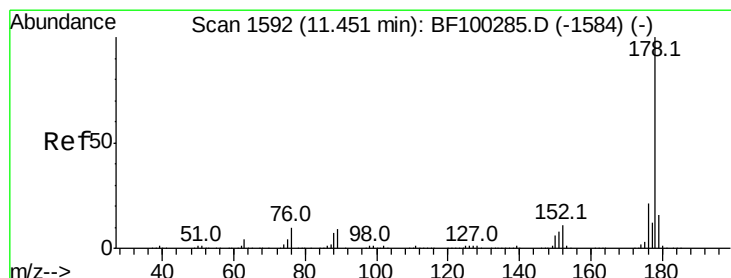
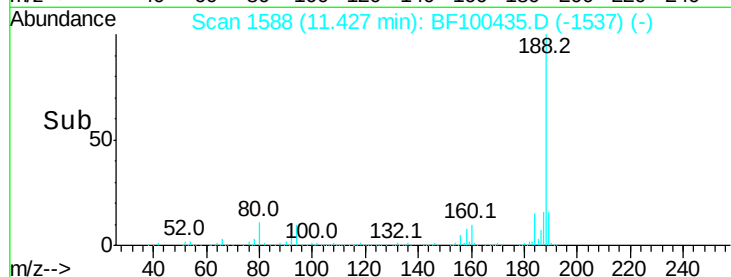
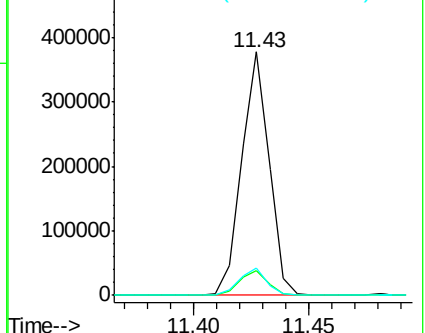
80 11.1 9.2 13.8



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



#70

Phenanthrene

Concen: 2.246 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

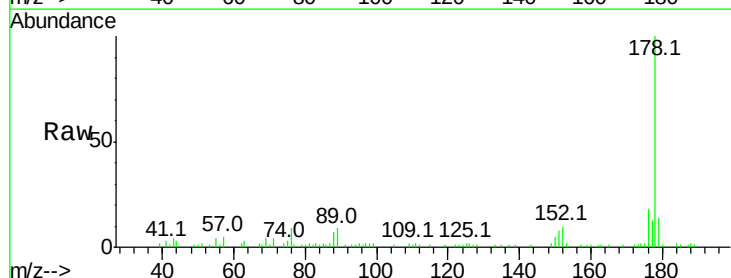
Tgt Ion:178 Resp: 37142

Ion Ratio Lower Upper

178 100

176 17.8 15.8 23.8

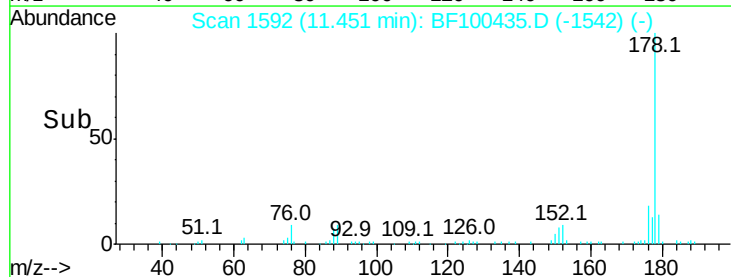
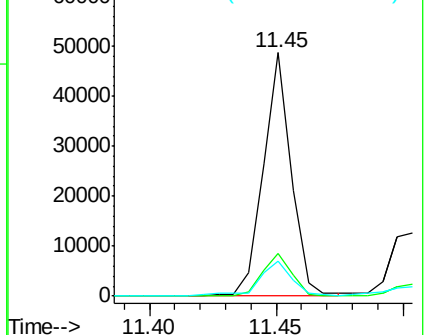
179 14.3 13.0 19.6

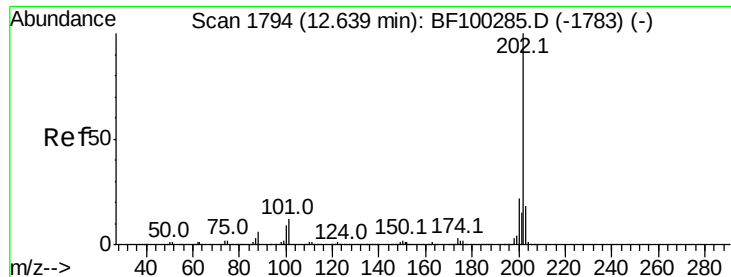


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.039 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

Instrument :

BNA_F

ClientSampleId :

SU-02-110817

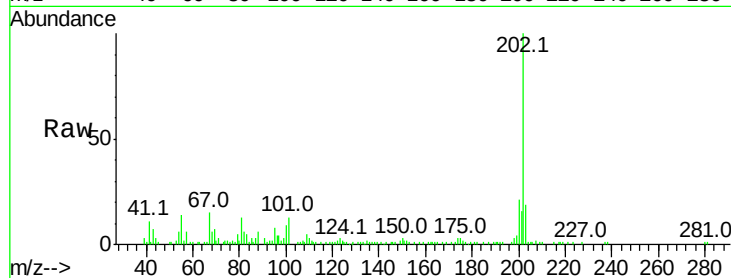
Tot Ion:202 Resp: 53274

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

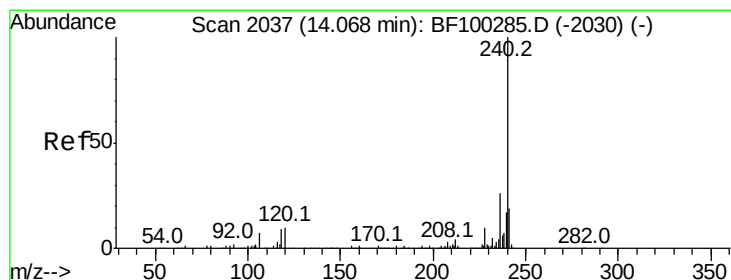
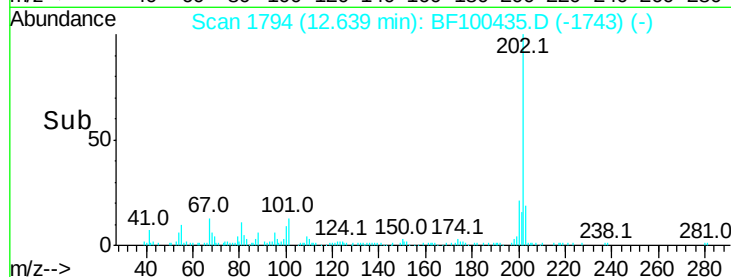
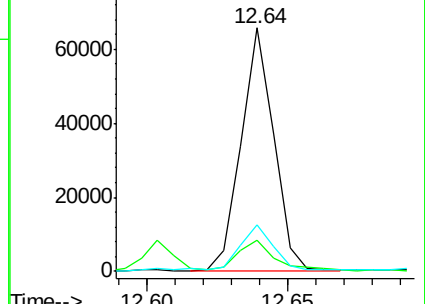
203 19.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

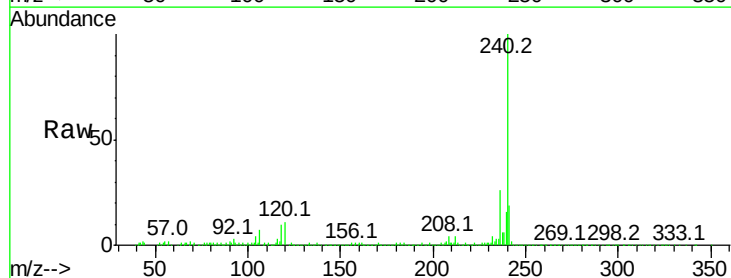
Tgt Ion:240 Resp: 313118

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

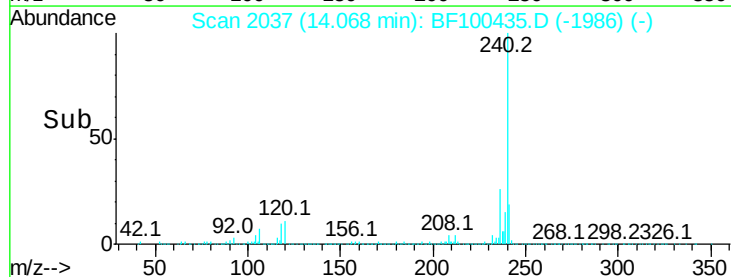
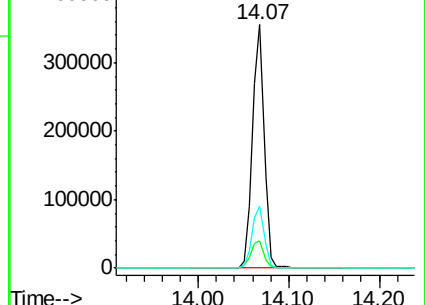
236 25.6 20.7 31.1

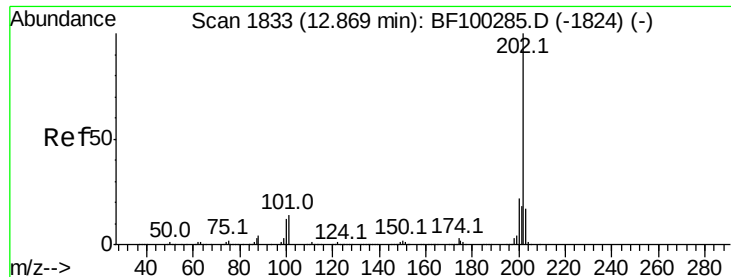


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.343 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

Instrument :

BNA_F

ClientSampleId :

SU-02-110817

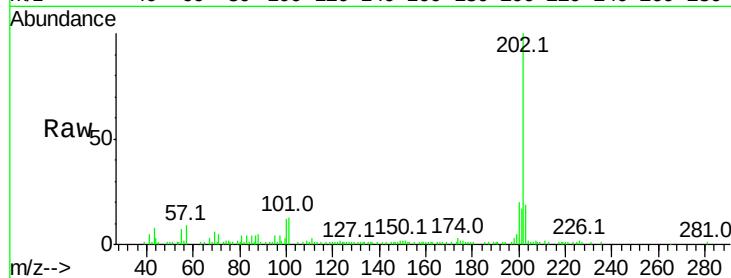
Tot Ion:202 Resp: 52305

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

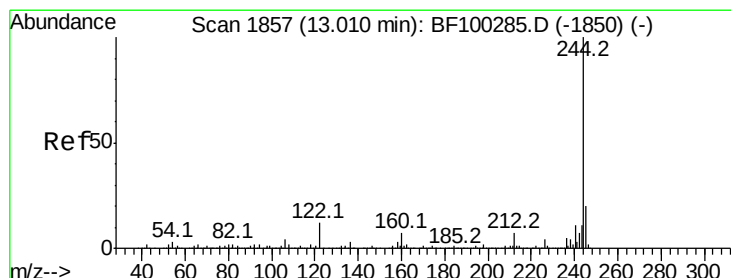
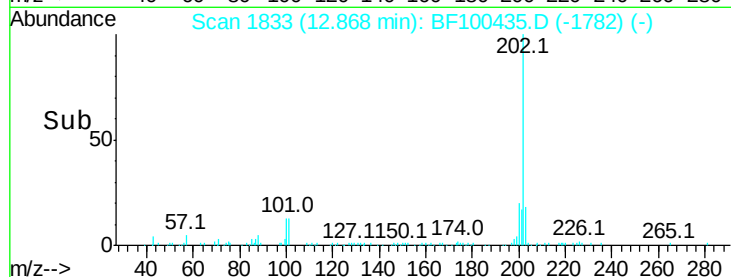
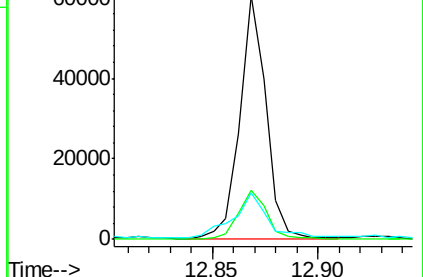
203 19.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 11.117 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100435.D

Acq: 11 Nov 2017 12:48

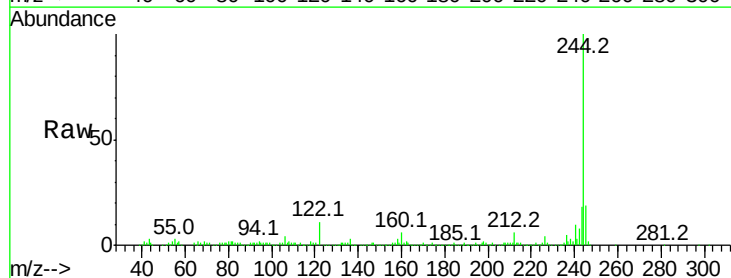
Tgt Ion:244 Resp: 151501

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

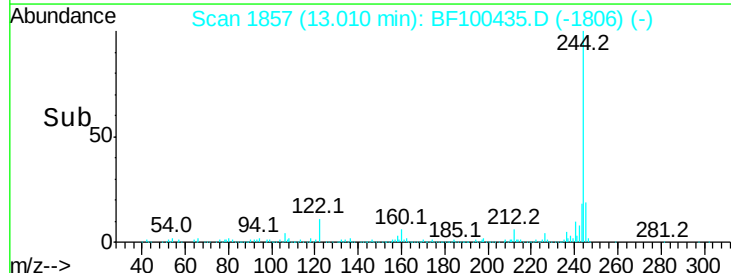
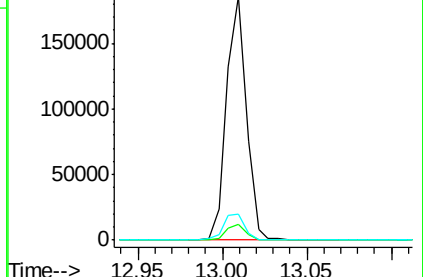
122 10.8 11.0 16.4#

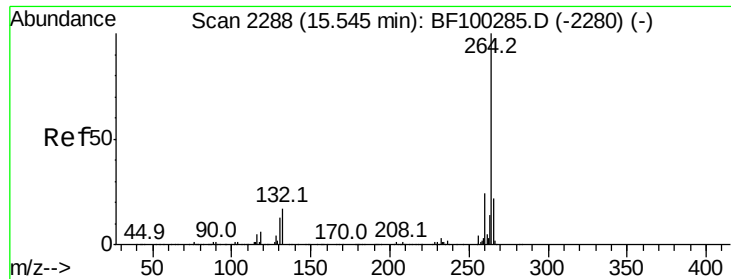


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

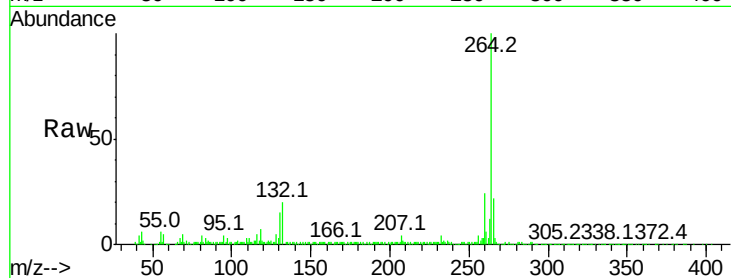




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100435.D
Acq: 11 Nov 2017 12:48

Instrument :
BNA_F
ClientSampleId :
SU-02-110817

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	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

