

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100413.D
 Acq On : 11 Nov 2017 1:40
 Operator : SJ/JU
 Sample : I6366-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0032

Quant Time: Nov 13 07:36:11 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

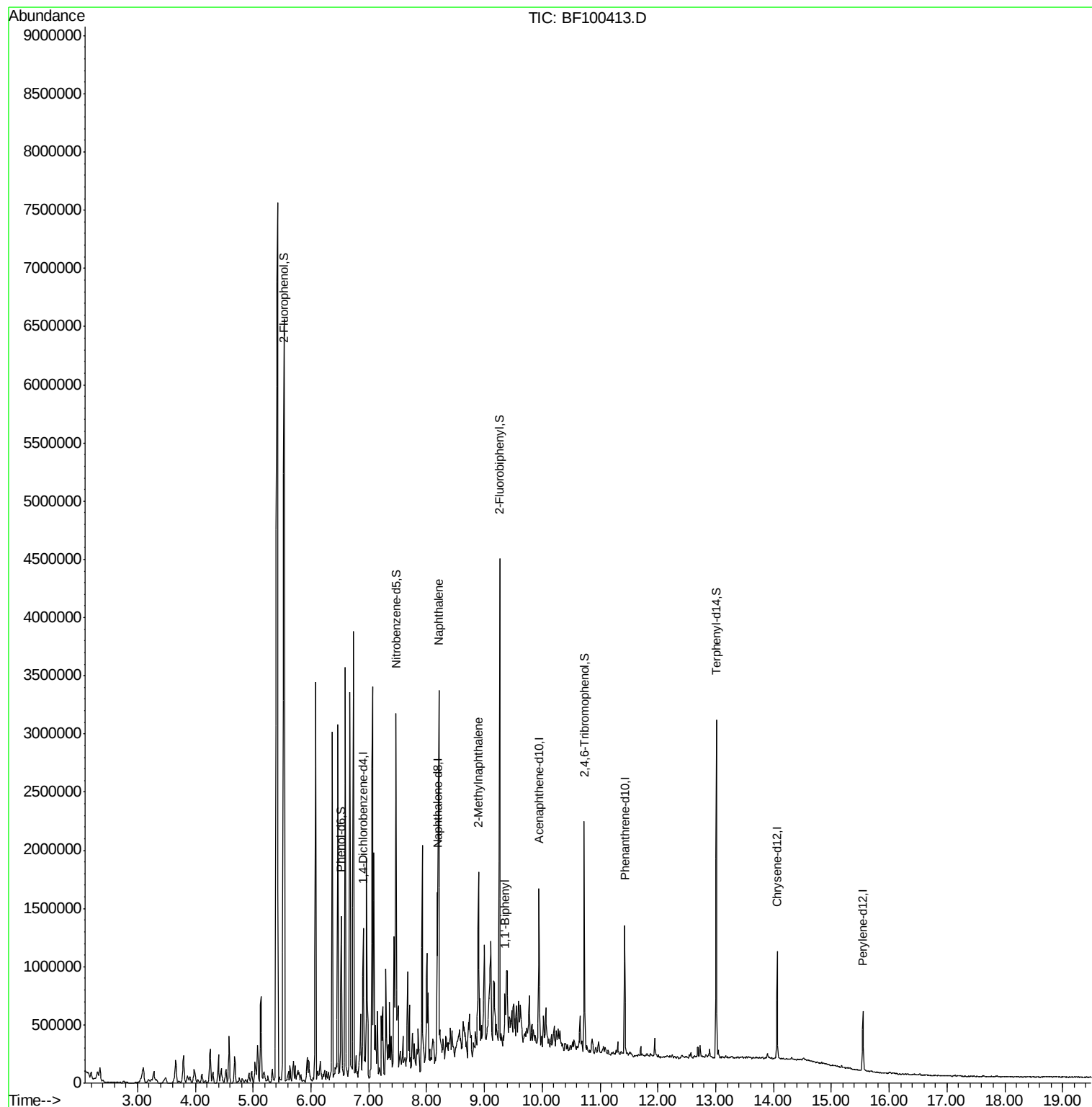
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	147407	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	550639	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	250591	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	359837	20.00	ng	0.00
75) Chrysene-d12	14.06	240	301628	20.00	ng	0.00
86) Perylene-d12	15.54	264	237767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	415176	45.15	ng	0.00
7) Phenol-d6	6.52	99	464593	40.97	ng	0.00
23) Nitrobenzene-d5	7.47	82	780569	93.72	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	266697	104.44	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1396819	84.88	ng	0.00
78) Terphenyl-d14	13.01	244	1014495	77.28	ng	0.00
Target Compounds						
31) Naphthalene	8.21	128	1298834	48.972	ng	99
37) 2-Methylnaphthalene	8.90	142	334482	18.996	ng	99
45) 1,1'-Biphenyl	9.36	154	47544	2.194	ng	97

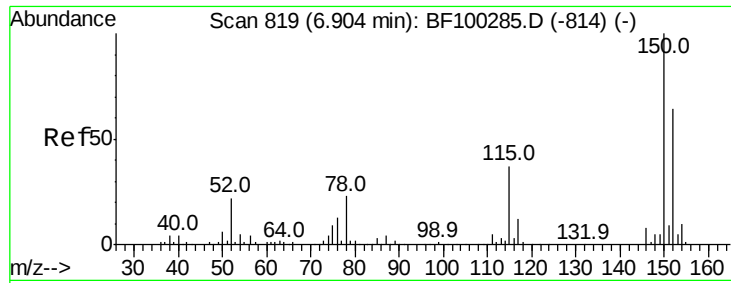
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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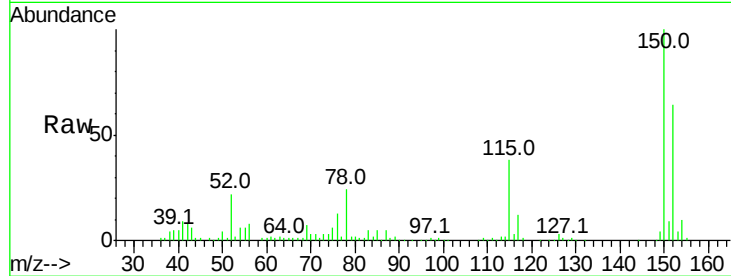


#1

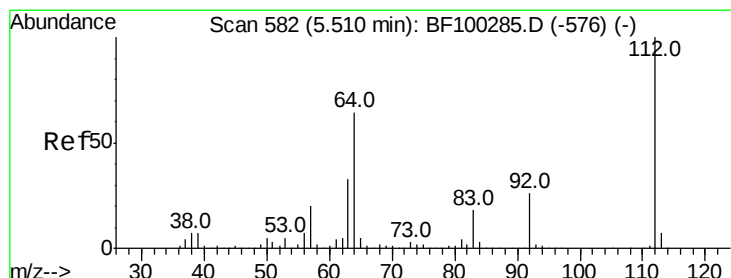
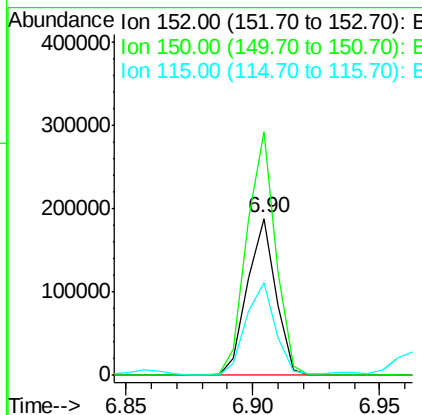
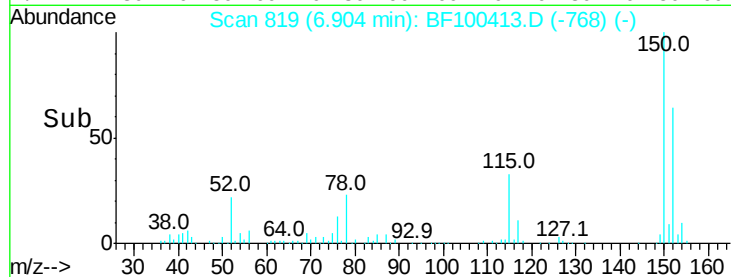
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100413.D
Acq: 11 Nov 2017 1:40

Instrument :
BNA_F
ClientSampleId :
S22-0032

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.1	50.1	75.1



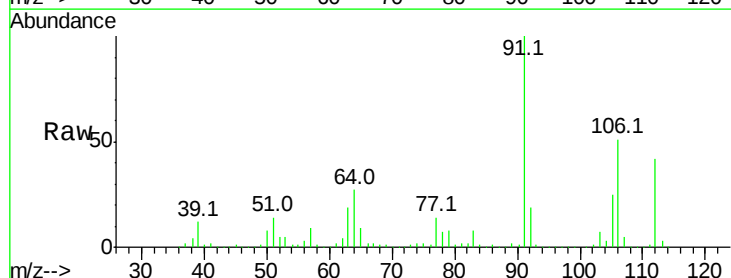
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



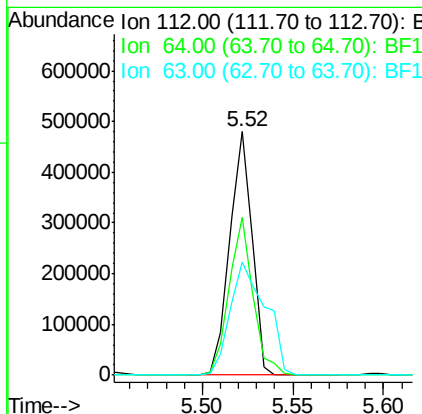
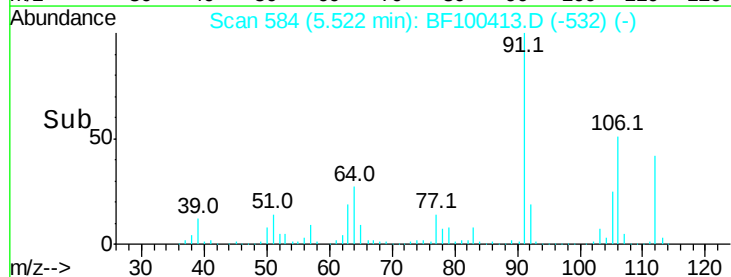
#5

2-Fluorophenol
Concen: 45.149 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100413.D
Acq: 11 Nov 2017 1:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	46.7	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: 40.971 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100413.D

Acq: 11 Nov 2017 1:40

Instrument :

BNA_F

ClientSampleId :

S22-0032

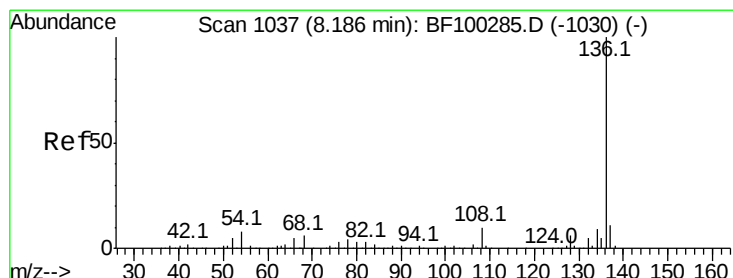
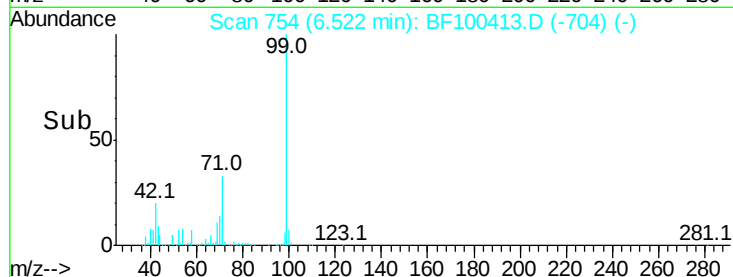
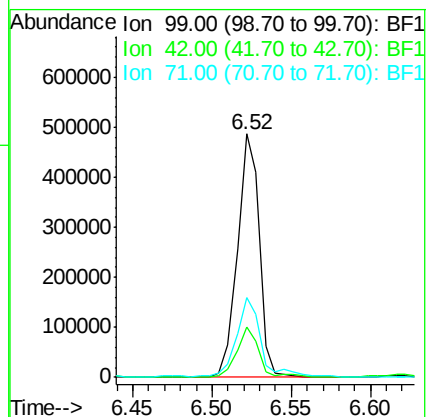
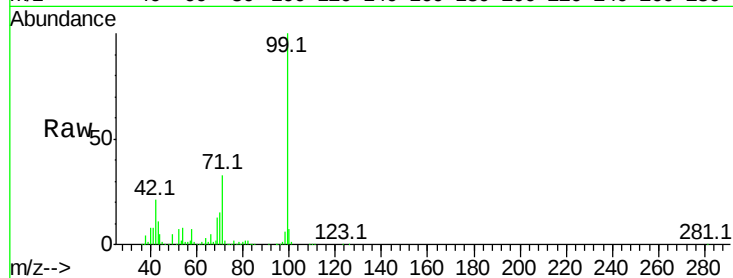
Tot Ion: 99 Resp: 464593

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 32.9 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: BF100413.D

Acq: 11 Nov 2017 1:40

Tgt Ion: 136 Resp: 550639

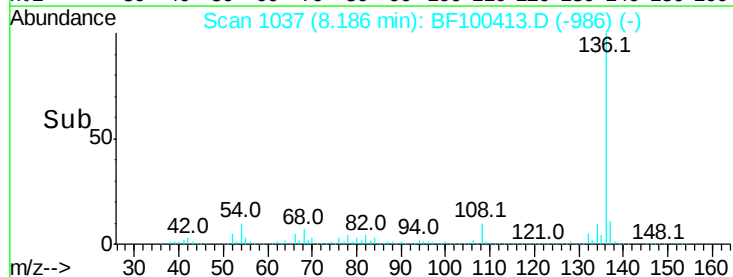
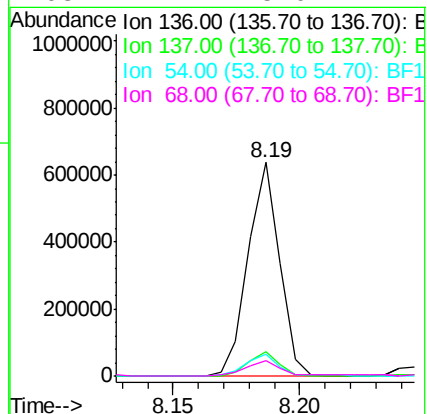
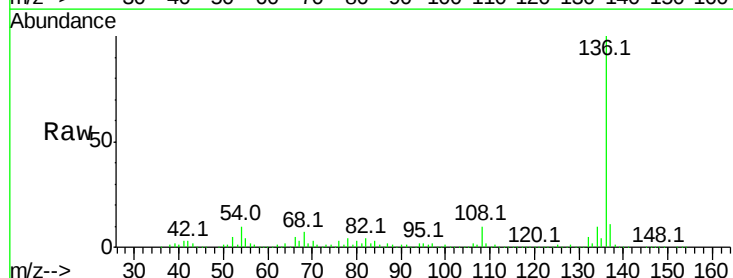
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.2 6.6 9.8#

68 7.1 5.0 7.4

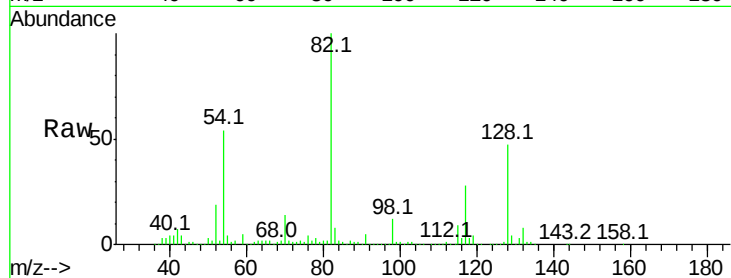




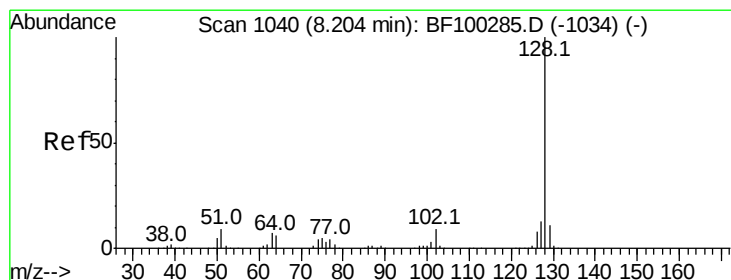
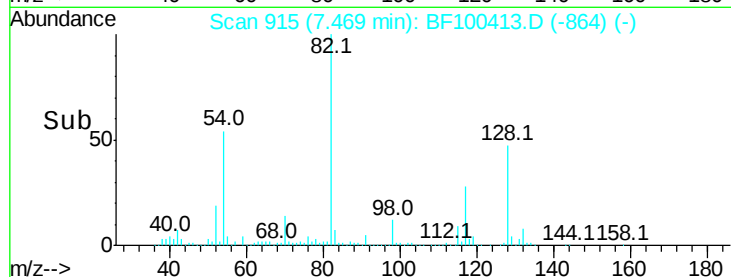
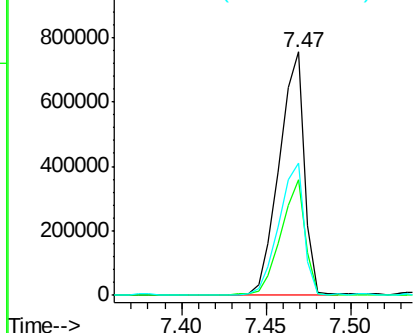
#23
Nitrobenzene-d5
Concen: 93.720 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100413.D
Acq: 11 Nov 2017 1:40

Instrument :
BNA_F
ClientSampleId :
S22-0032

Tot Ion: 82 Resp: 780569
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 54.5 41.4 62.2

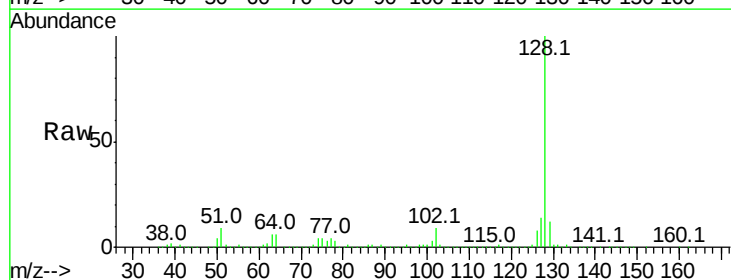


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

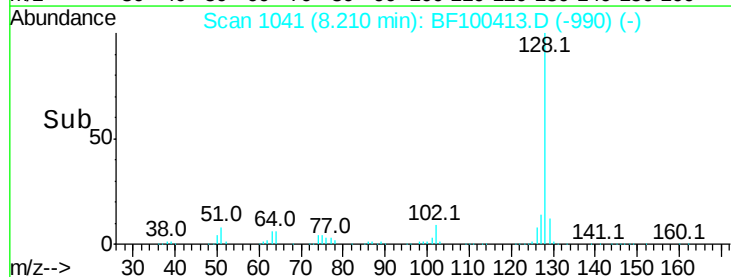
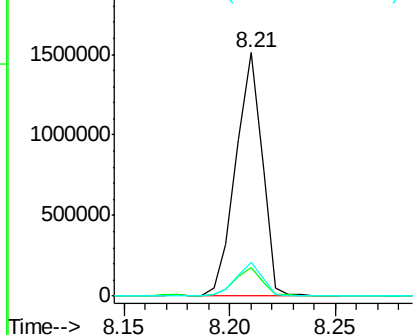


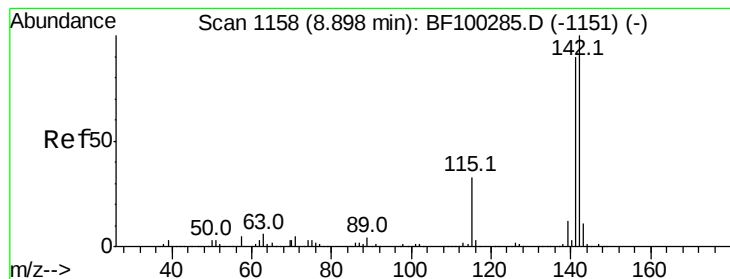
#31
Naphthalene
Concen: 48.972 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100413.D
Acq: 11 Nov 2017 1:40

Tgt Ion: 128 Resp: 1298834
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#37

2-Methylnaphthalene

Concen: 18.996 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF100413.D

Acq: 11 Nov 2017 1:40

Instrument :

BNA_F

ClientSampled :

S22-0032

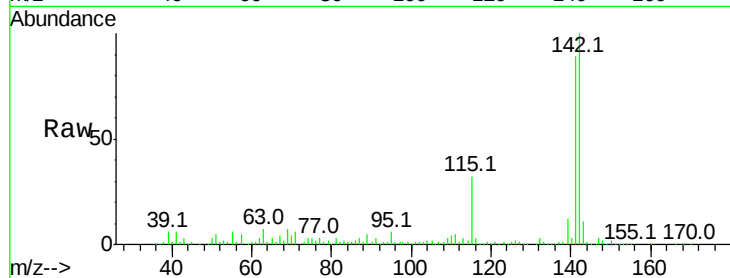
Tot Ion:142 Resp: 334482

Ion Ratio Lower Upper

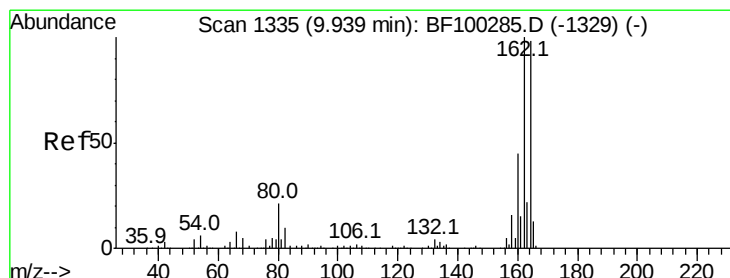
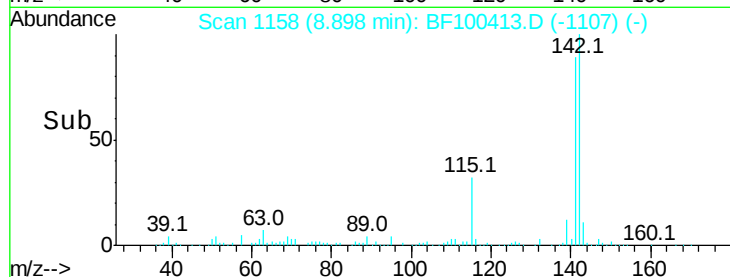
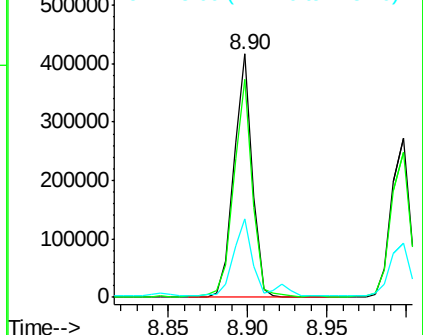
142 100

141 89.5 70.8 106.2

115 32.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100413.D

Acq: 11 Nov 2017 1:40

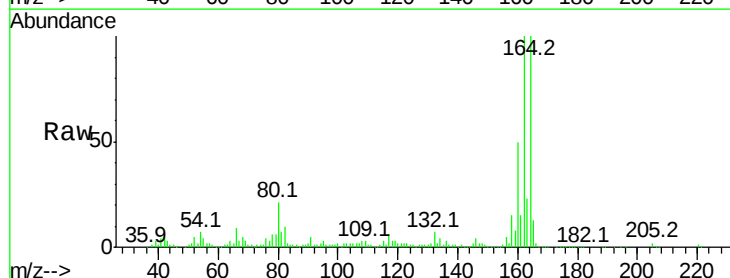
Tgt Ion:164 Resp: 250591

Ion Ratio Lower Upper

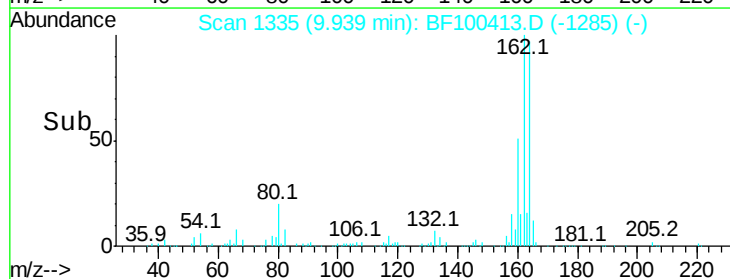
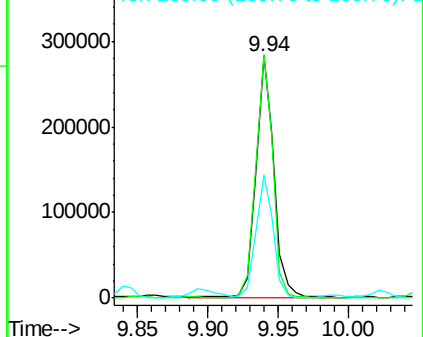
164 100

162 100.5 86.1 129.1

160 50.7 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

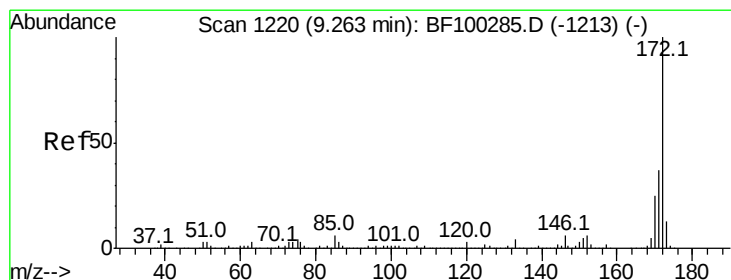
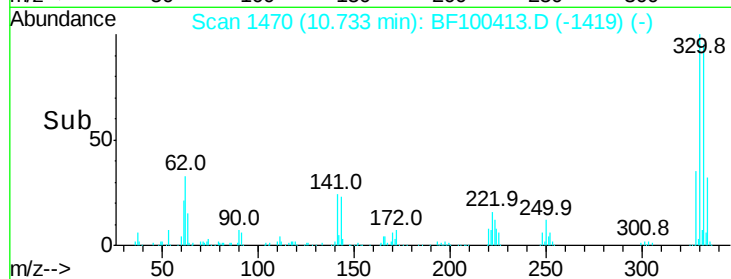
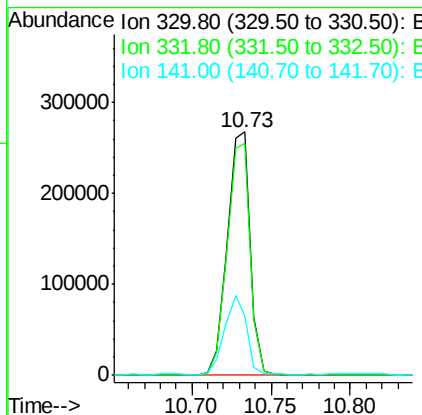
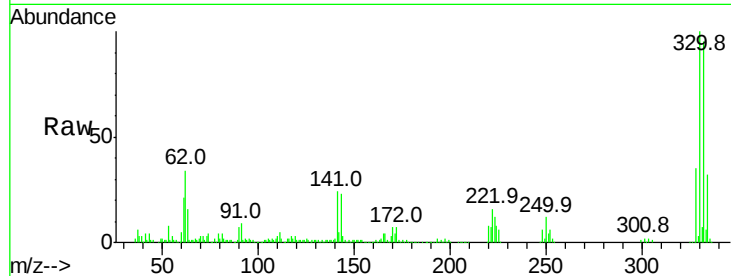




#41
 2,4,6-Tribromophenol
 Concen: 104.443 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF100413.D
 Acq: 11 Nov 2017 1:40

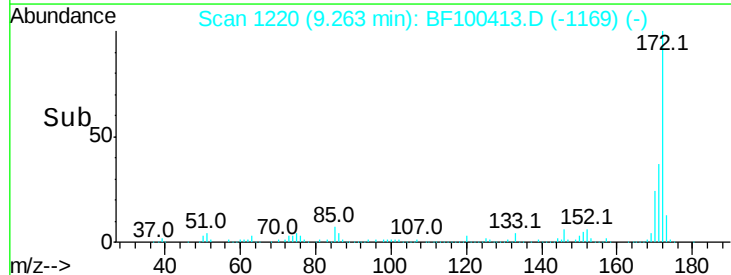
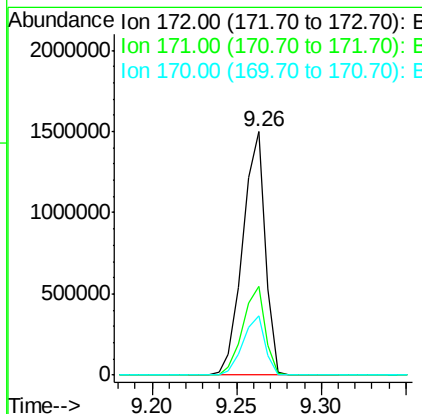
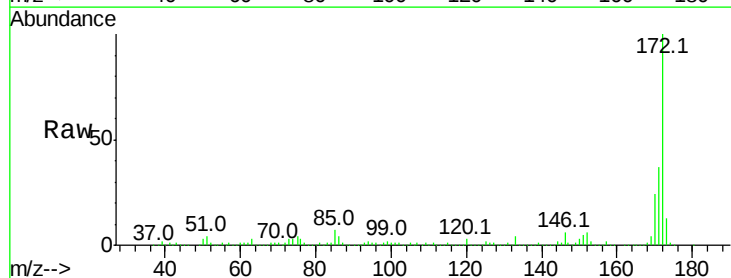
Instrument :
 BNA_F
 ClientSampleId :
 S22-0032

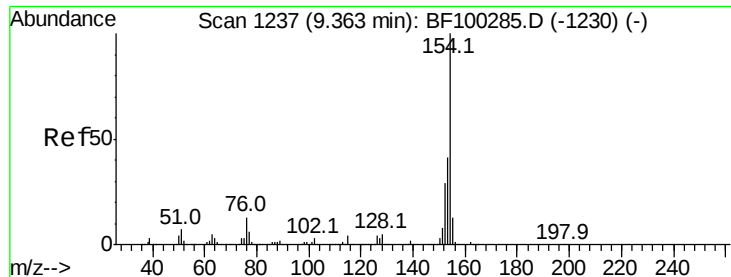
Tot Ion:330 Resp: 266697
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 30.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 84.877 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100413.D
 Acq: 11 Nov 2017 1:40

Tgt Ion:172 Resp: 1396819
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 19.6 29.4





#45

1,1'-Biphenyl

Concen: 2.194 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF100413.D

Acq: 11 Nov 2017 1:40

Instrument :

BNA_F

ClientSampleId :

S22-0032

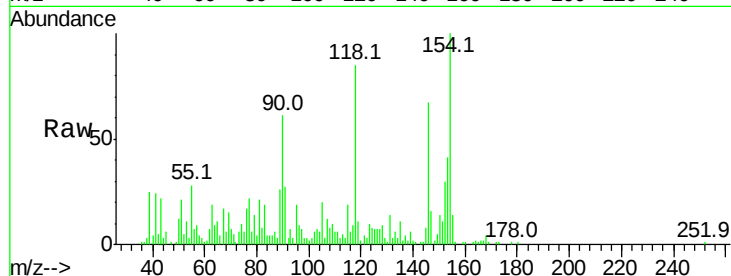
Tot Ion:154 Resp: 47544

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

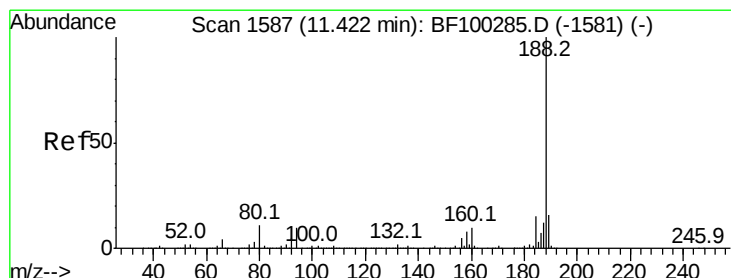
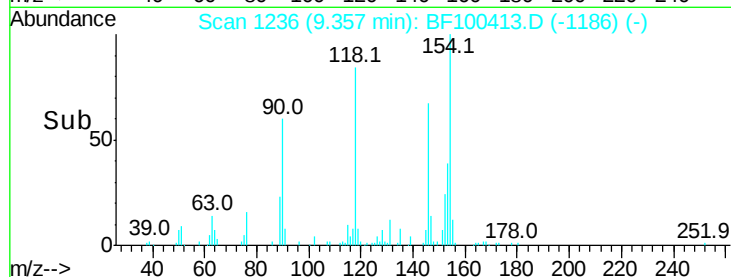
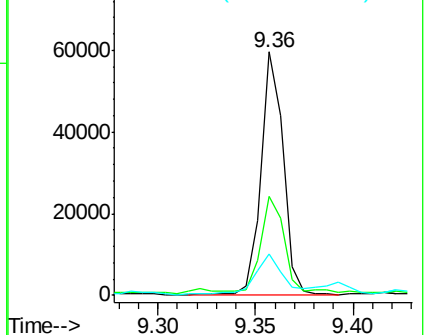
76 17.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100413.D

Acq: 11 Nov 2017 1:40

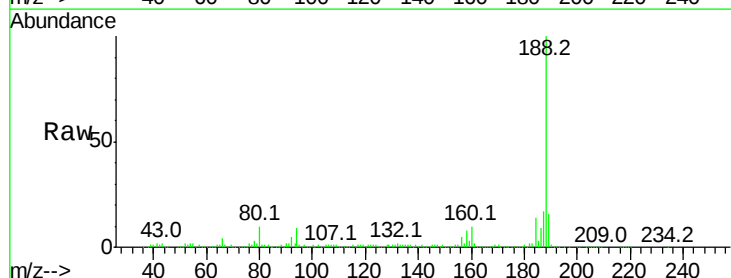
Tgt Ion:188 Resp: 359837

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

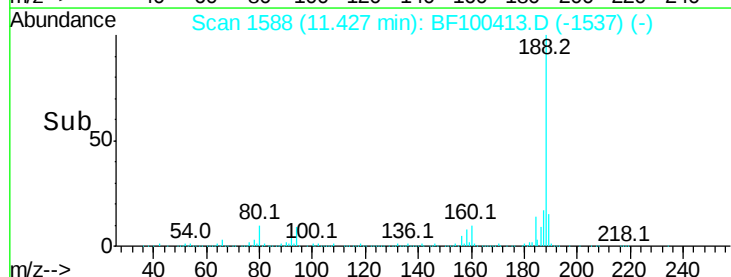
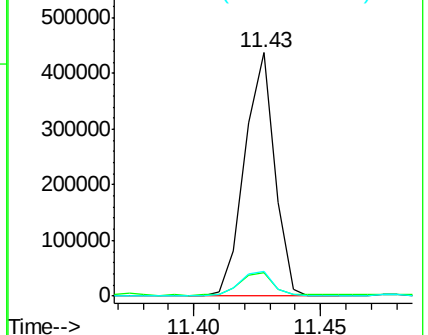
80 10.0 9.2 13.8

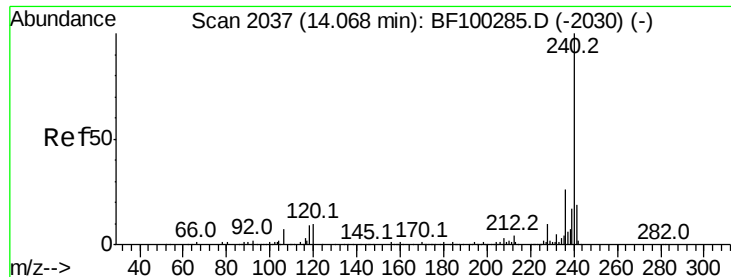


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF100413.D

Acq: 11 Nov 2017 1:40

Instrument :

BNA_F

ClientSampled :

S22-0032

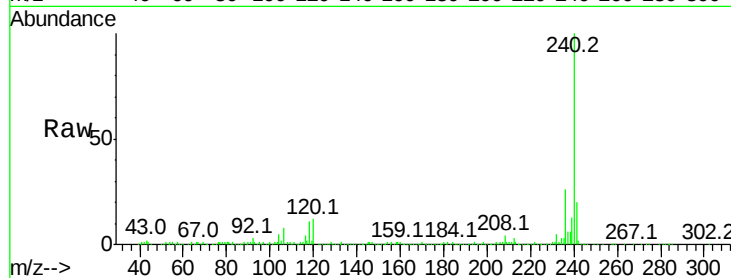
Tot Ion:240 Resp: 301628

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

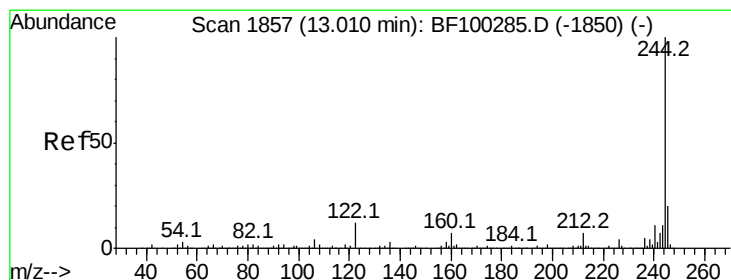
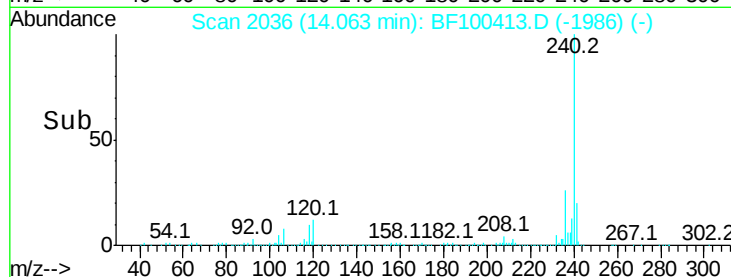
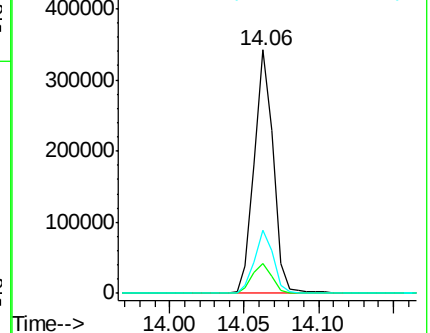
236 25.7 20.7 31.1



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: 77.281 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100413.D

Acq: 11 Nov 2017 1:40

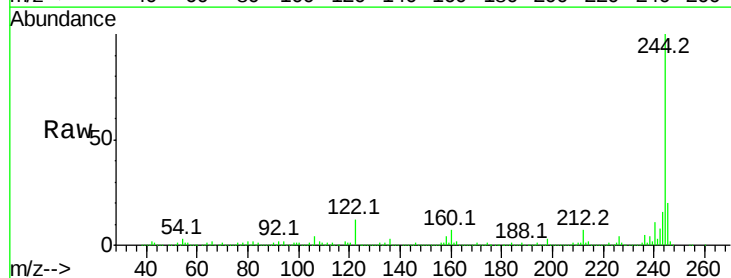
Tgt Ion:244 Resp: 1014495

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

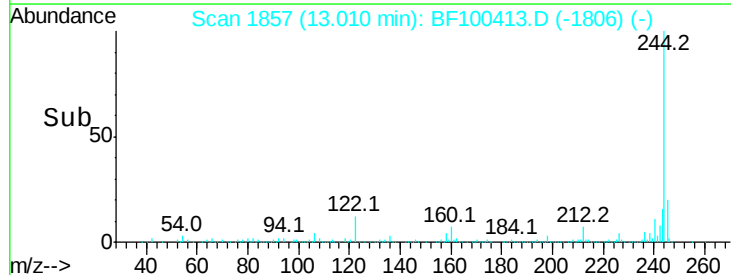
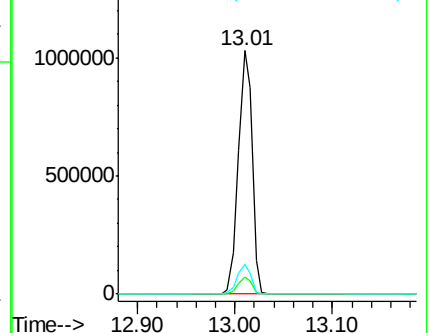
122 12.1 11.0 16.4

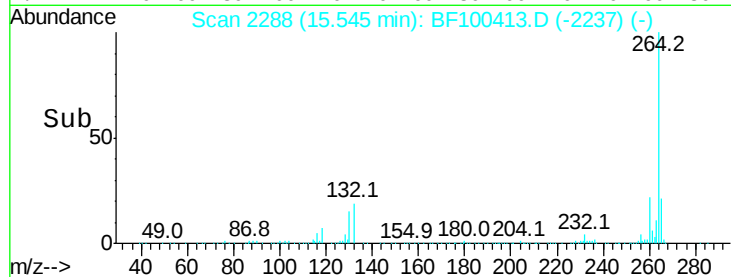
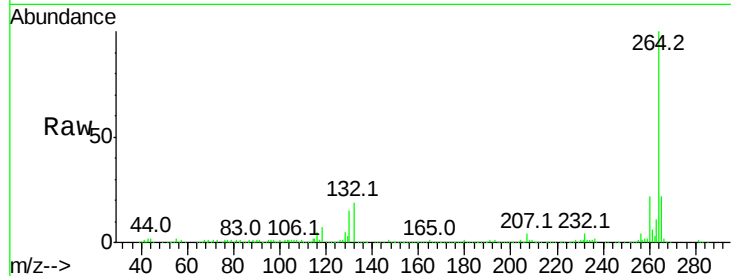
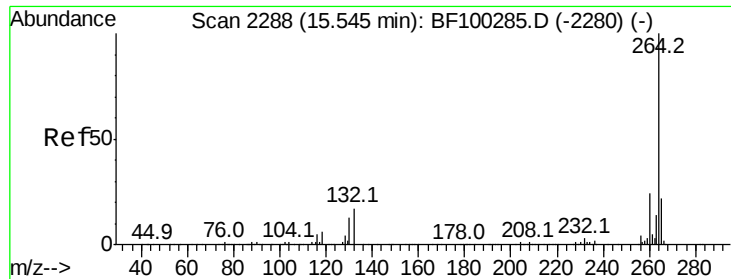


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100413.D

Acq: 11 Nov 2017 1:40

Instrument :

BNA_F

ClientSampleId :

S22-0032

Tot Ion:264 Resp: 237767

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 21.6 17.5 26.3

