

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100669.D
 Acq On : 17 Nov 2017 11:41
 Operator : SJ/JU
 Sample : I6477-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 15:31:39 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

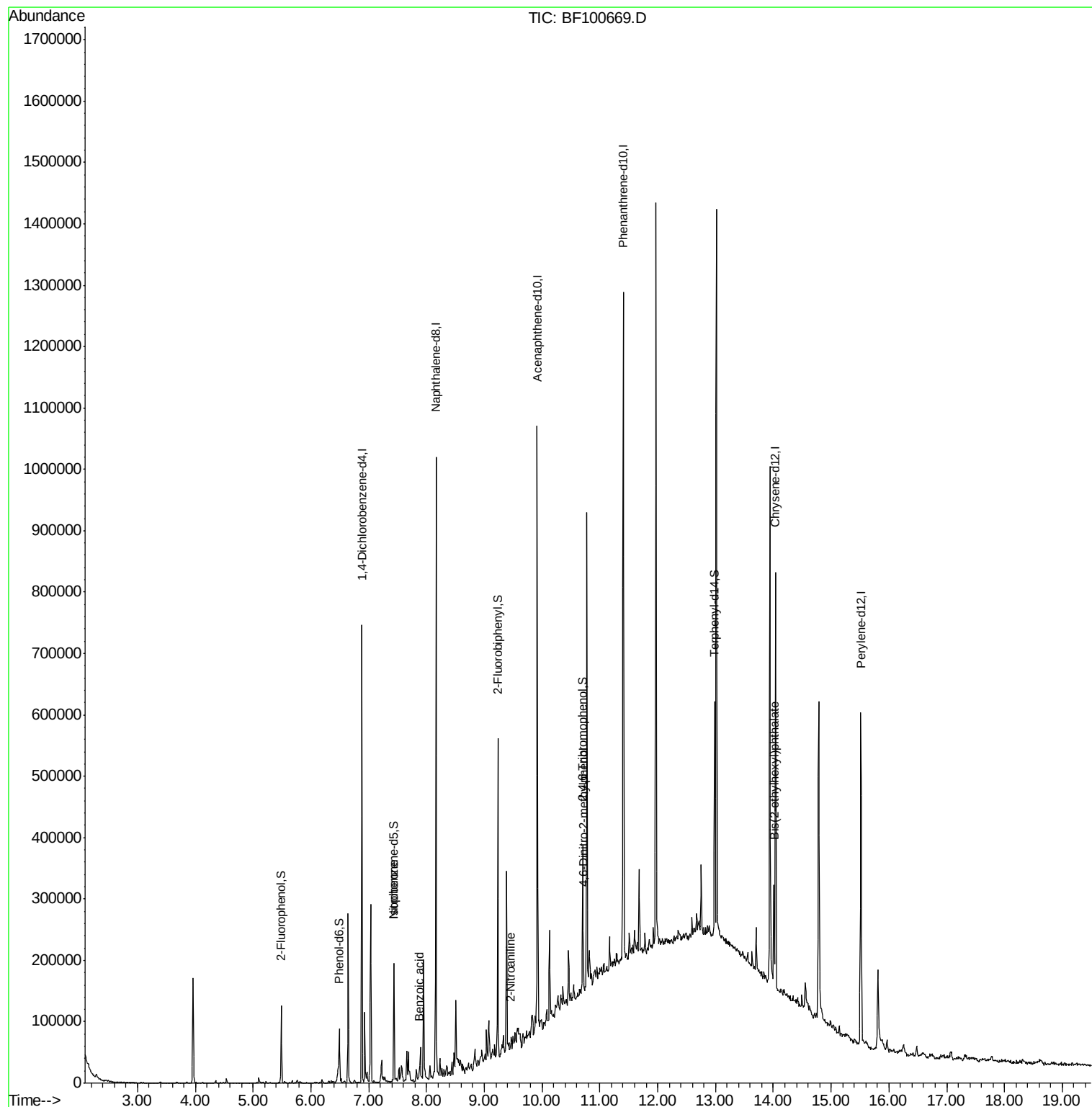
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	104746	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	418450	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	201105	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	370268	20.00	ng	0.00
75) Chrysene-d12	14.04	240	235347	20.00	ng	0.00
86) Perylene-d12	15.52	264	239436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	32718	5.01	ng	0.00
7) Phenol-d6	6.49	99	25362	3.15	ng	-0.02
23) Nitrobenzene-d5	7.43	82	60970	9.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	30686	14.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	147567	11.17	ng	0.00
78) Terphenyl-d14	12.98	244	128805	12.58	ng	0.00
Target Compounds						
25) Isophorone	7.43	82	60969	4.584	ng	# 64
32) Benzoic acid	7.87	122	1341	9.607	ng	# 93
47) 2-Nitroaniline	9.45	65	503	2.911	ng	# 48
64) 4,6-Dinitro-2-methylphenol	10.72	198	364	8.730	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.01	149	45410	5.046	ng	# 97

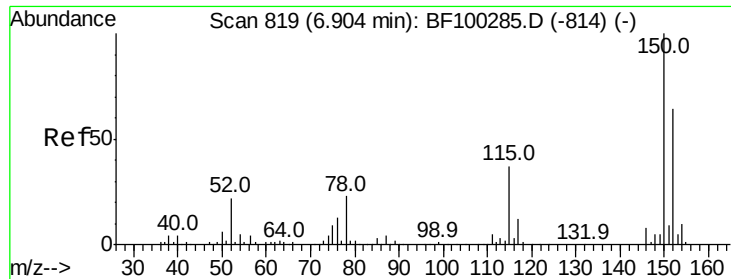
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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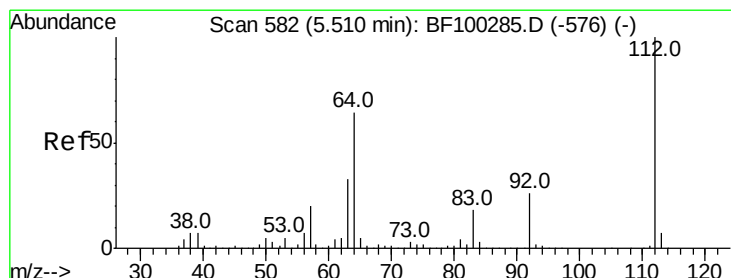
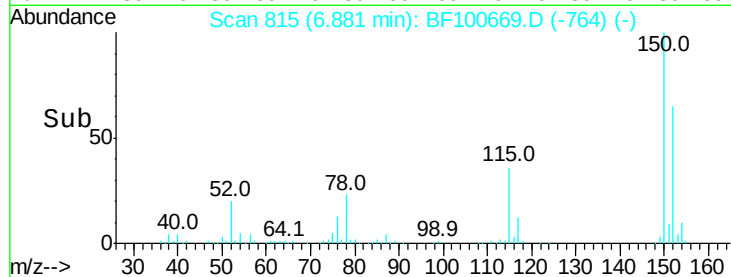
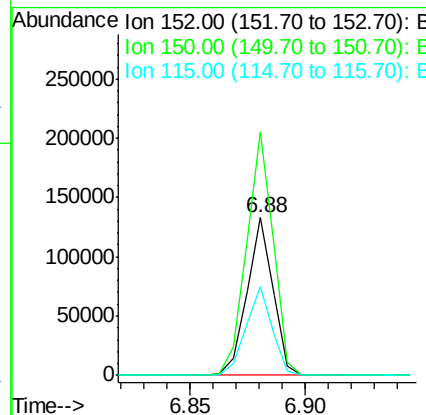
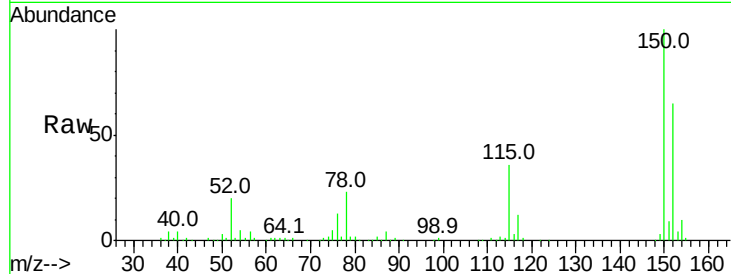


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100669.D
Acq: 17 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

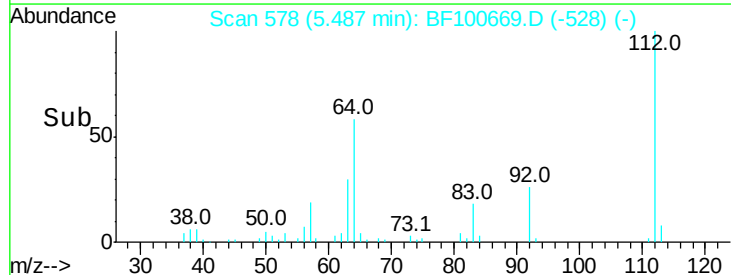
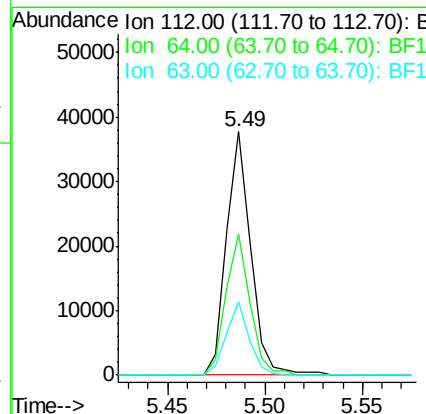
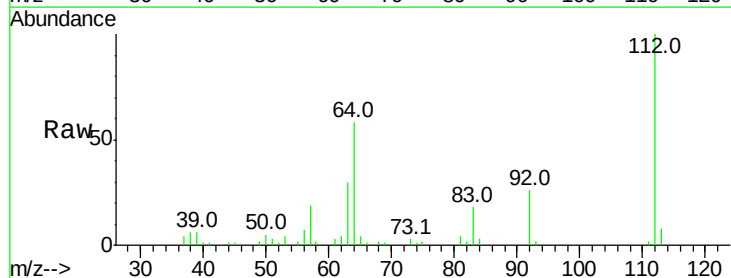
Tot Ion:152 Resp: 104746
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.1 50.1 75.1

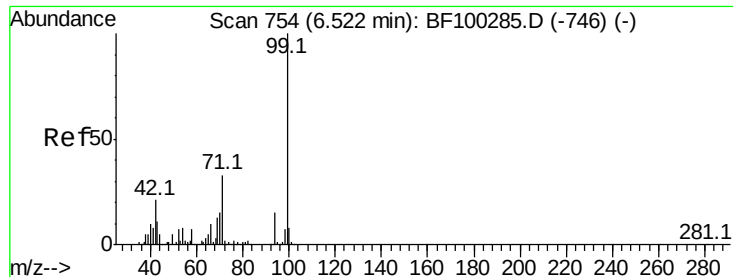


#5

2-Fluorophenol
Concen: 5.007 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100669.D
Acq: 17 Nov 2017 11:41

Tgt Ion:112 Resp: 32718
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 3.148 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100669.D

Acq: 17 Nov 2017 11:41

Instrument :

BNA_F

ClientSampleId :

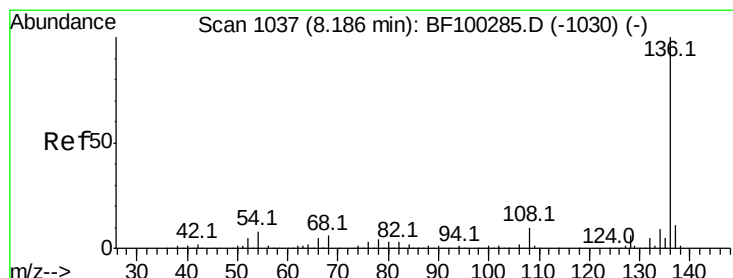
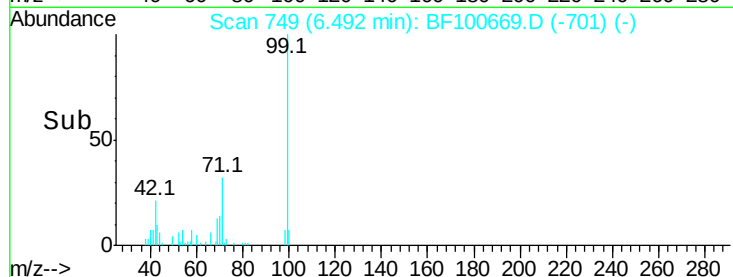
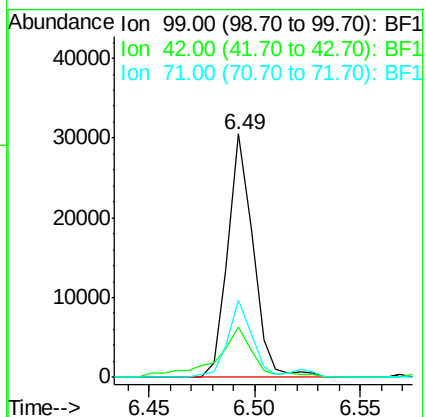
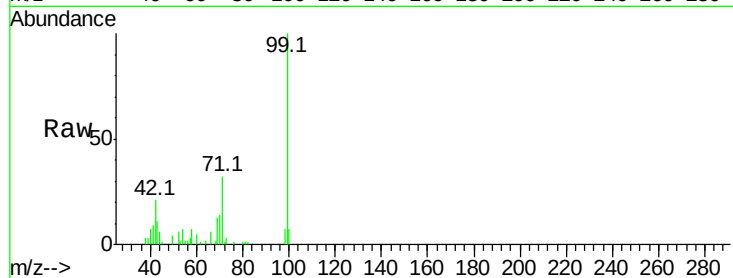
Tot Ion: 99 Resp: 25362

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100669.D

Acq: 17 Nov 2017 11:41

Tgt Ion: 136 Resp: 418450

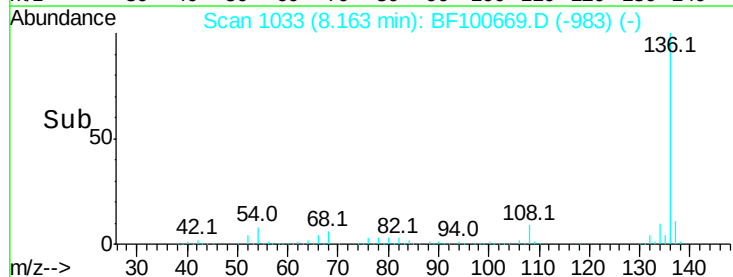
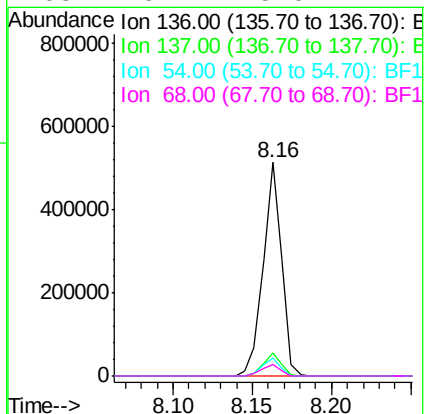
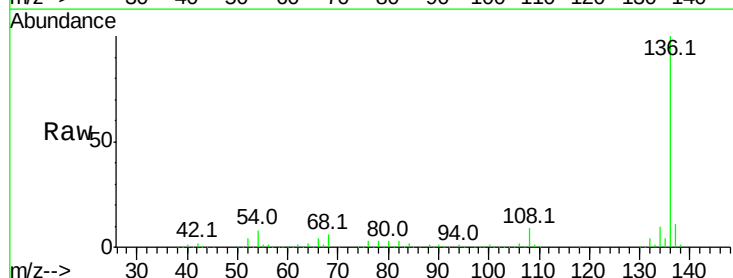
Ion Ratio Lower Upper

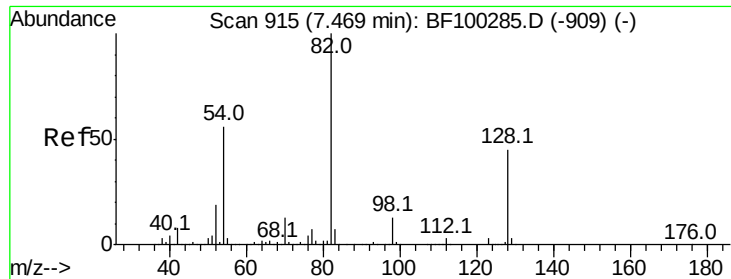
136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 5.7 5.0 7.4

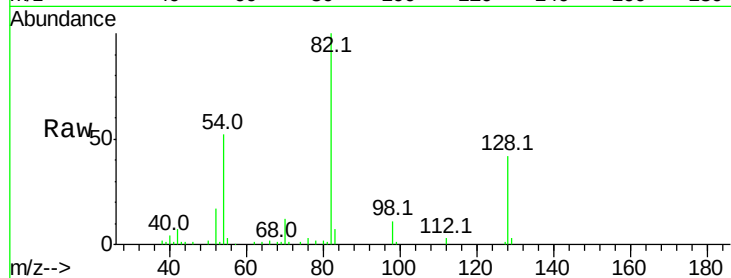




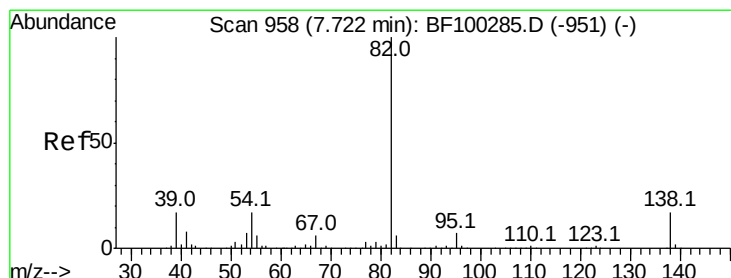
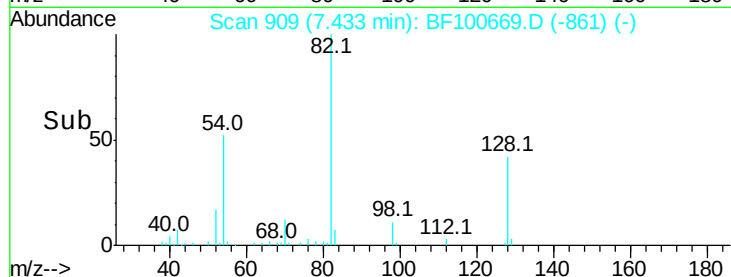
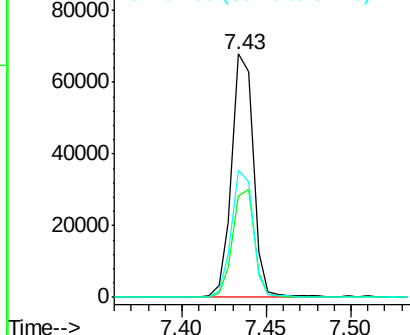
#23
 Nitrobenzene-d5
 Concen: 9.633 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100669.D
 Acq: 17 Nov 2017 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 60970
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 52.2 41.4 62.2

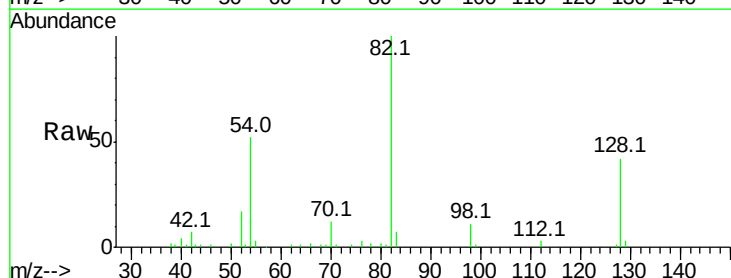


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

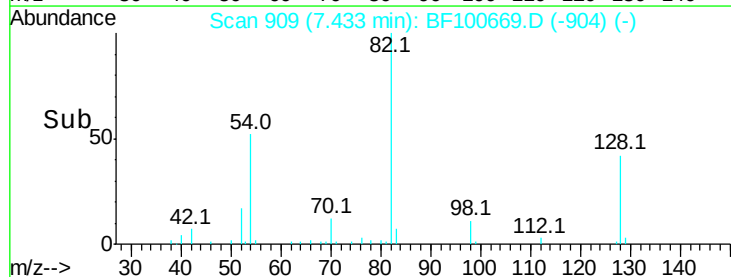
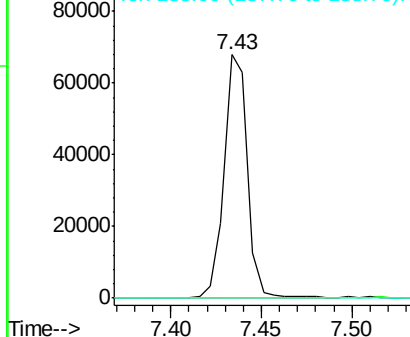


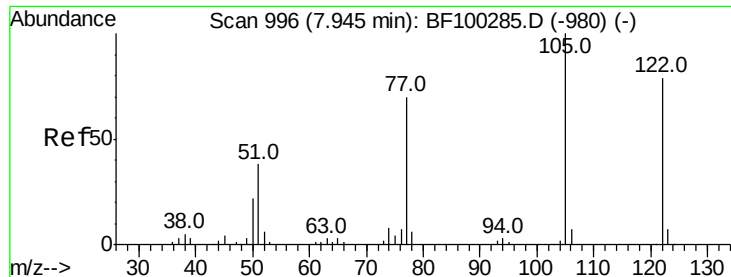
#25
 Isophorone
 Concen: 4.584 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.27 min
 Lab File: BF100669.D
 Acq: 17 Nov 2017 11:41

Tgt Ion: 82 Resp: 60969
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

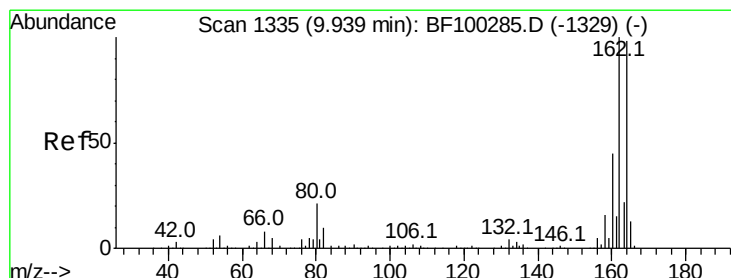
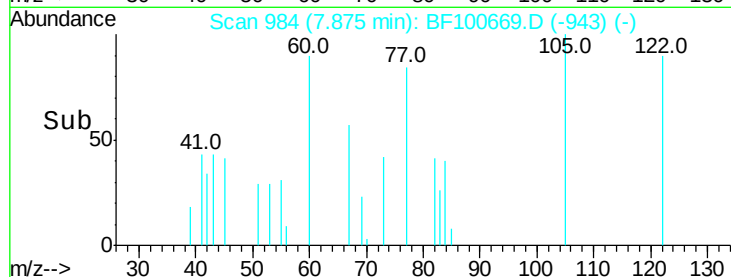
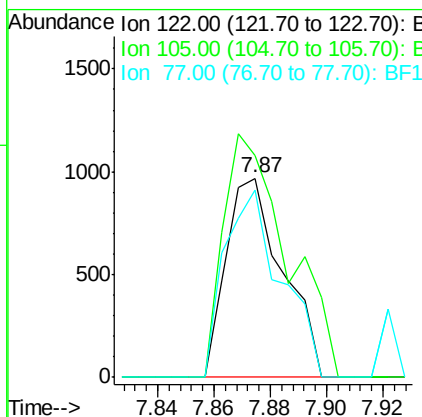
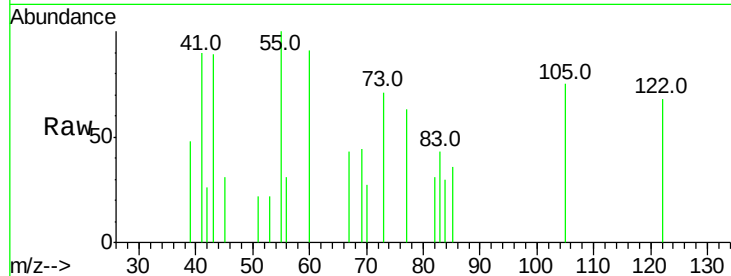




#32
Benzoic acid
Concen: 9.607 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF100669.D
Acq: 17 Nov 2017 11:41

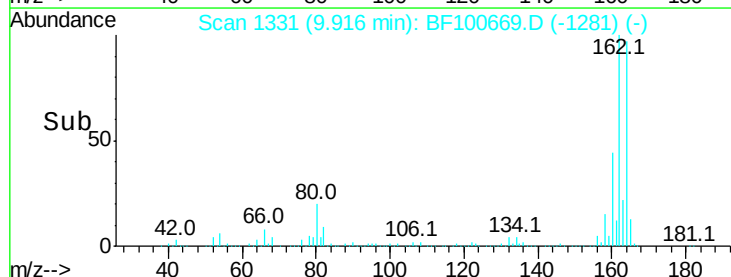
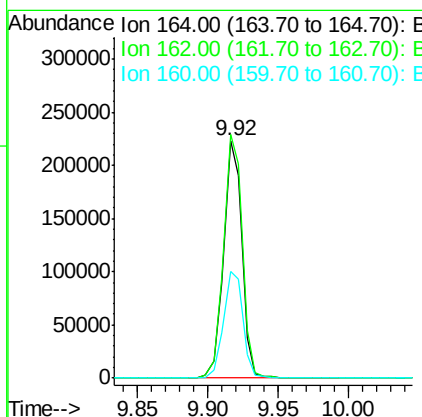
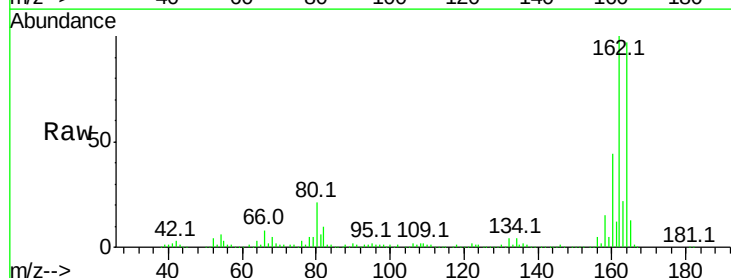
Instrument :
BNA_F
ClientSampleId :

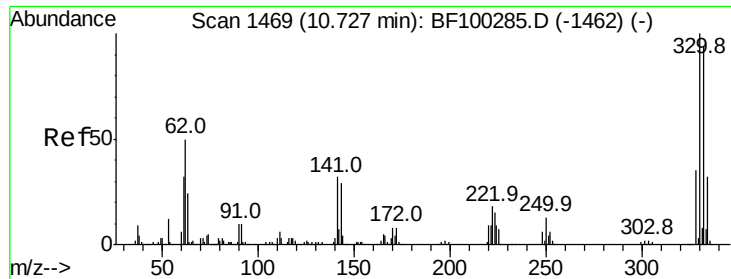
Tot Ion:122 Resp: 1341
Ion Ratio Lower Upper
122 100
105 111.1 101.1 141.1
77 93.8 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100669.D
Acq: 17 Nov 2017 11:41

Tgt Ion:164 Resp: 201105
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 45.1 38.3 57.5

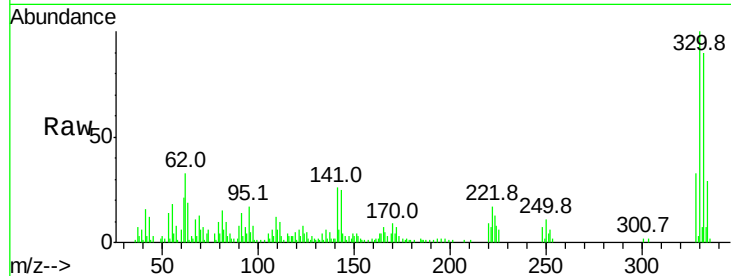




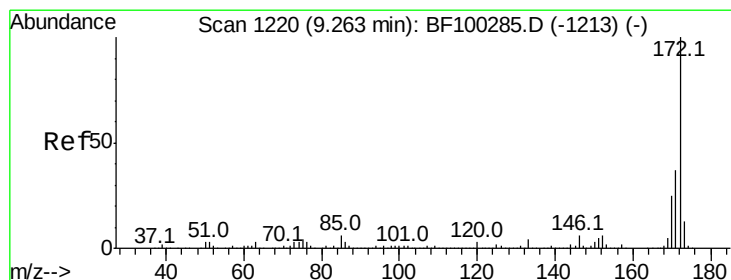
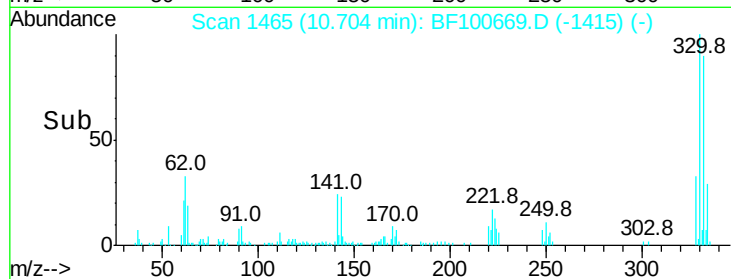
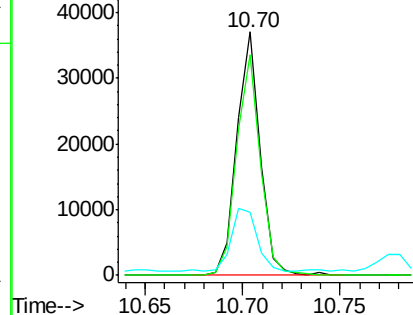
#41
 2,4,6-Tribromophenol
 Concen: 14.974 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100669.D
 Acq: 17 Nov 2017 11:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.4	77.0	115.6
141	28.0	29.9	44.9#

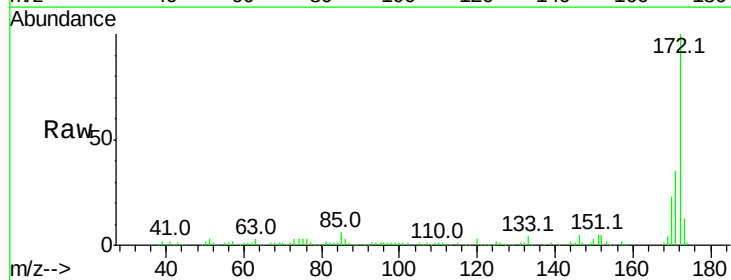


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

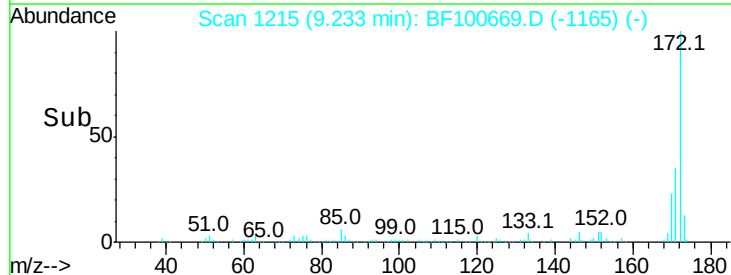
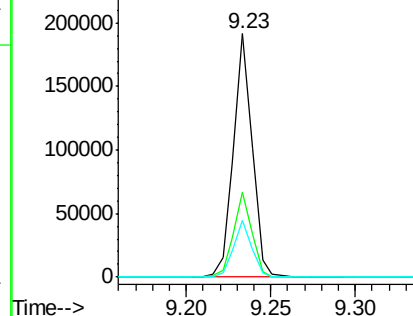


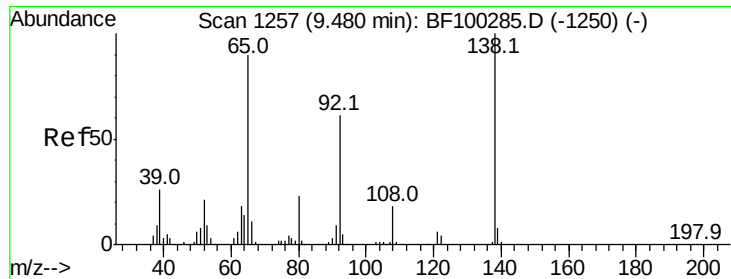
#44
 2-Fluorobiphenyl
 Concen: 11.173 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100669.D
 Acq: 17 Nov 2017 11:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 2.911 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF100669.D

Acq: 17 Nov 2017 11:41

Instrument :

BNA_F

ClientSampled :

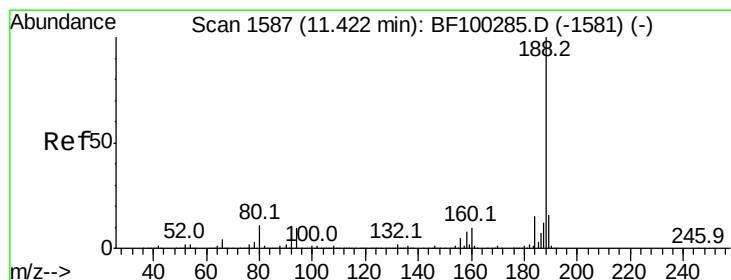
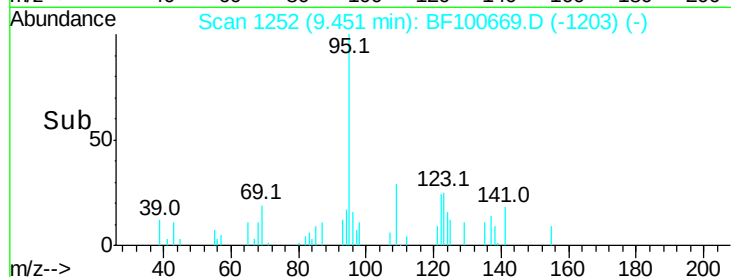
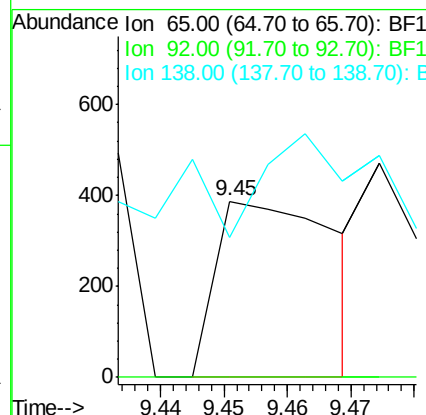
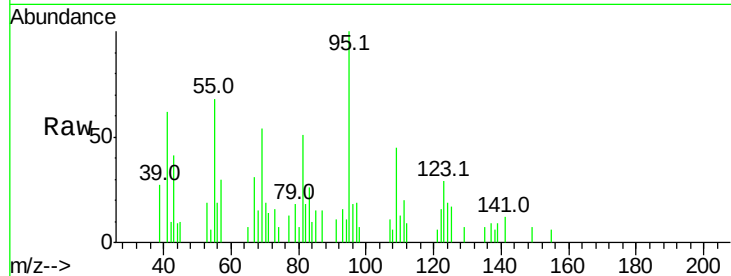
Tot Ion: 65 Resp: 503

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 79.6 91.2 136.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF100669.D

Acq: 17 Nov 2017 11:41

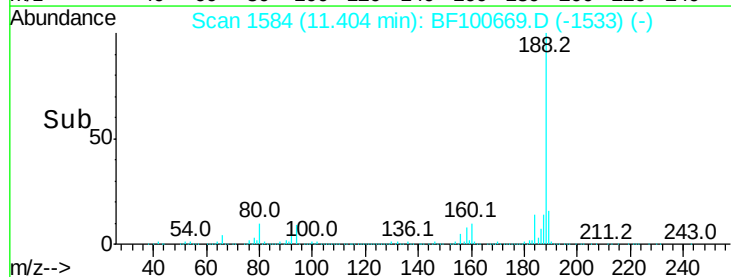
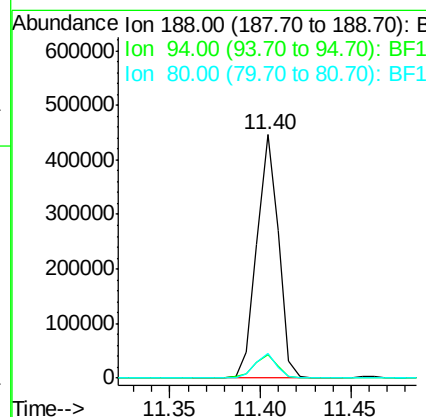
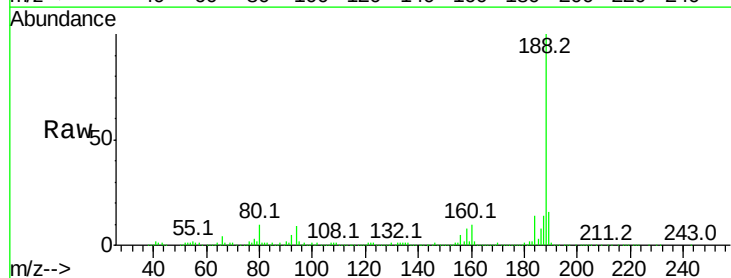
Tgt Ion: 188 Resp: 370268

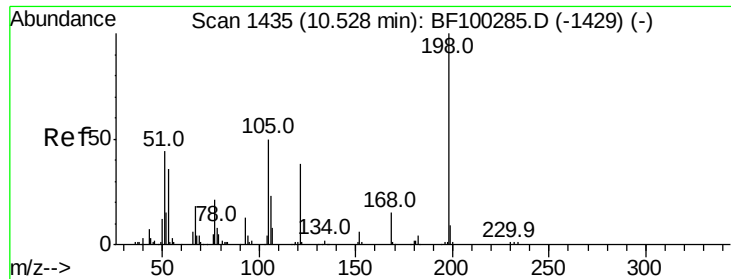
Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

80 10.0 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.730 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.20 min

Lab File: BF100669.D

Acq: 17 Nov 2017 11:41

Instrument :

BNA_F

ClientSampled :

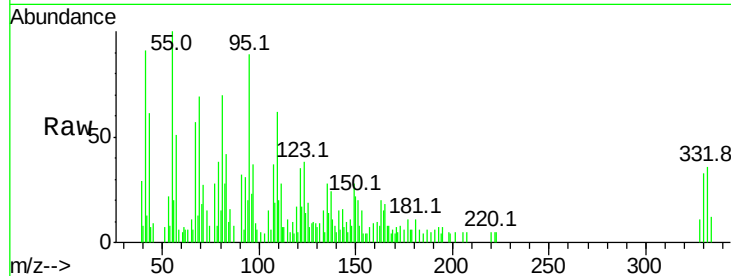
Tot Ion:198 Resp: 364

Ion Ratio Lower Upper

198 100

51 150.9 37.7 77.7#

105 309.1 36.3 76.3#

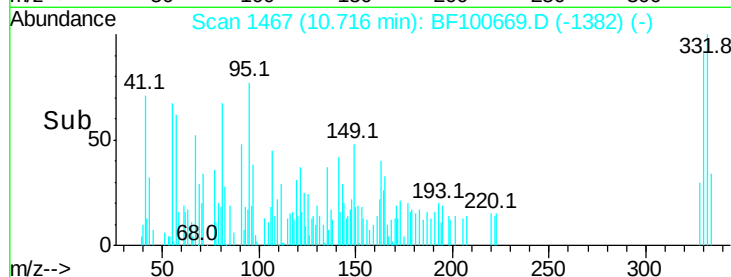


Abundance Ion 198.00 (197.70 to 198.70): E

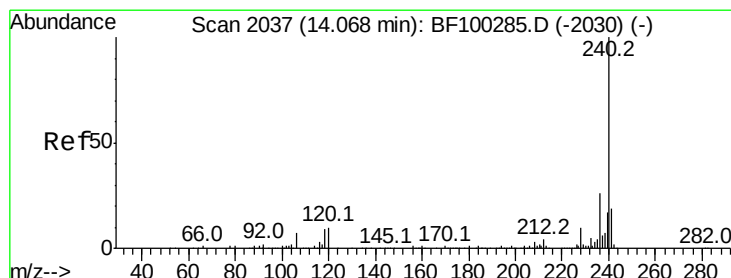
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100669.D

Acq: 17 Nov 2017 11:41

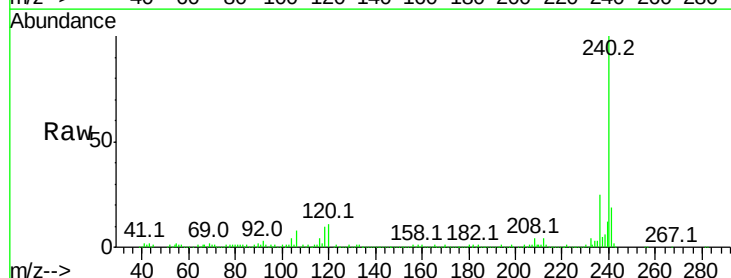
Tgt Ion:240 Resp: 235347

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 25.0 20.7 31.1

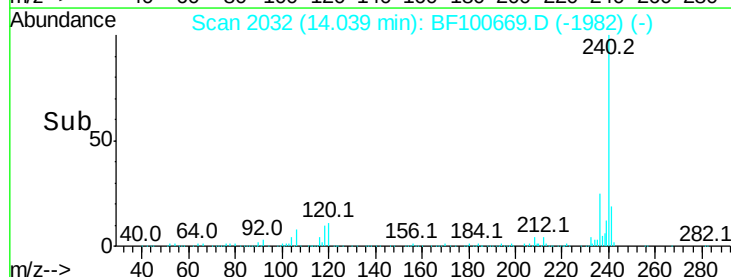


Abundance Ion 240.00 (239.70 to 240.70): E

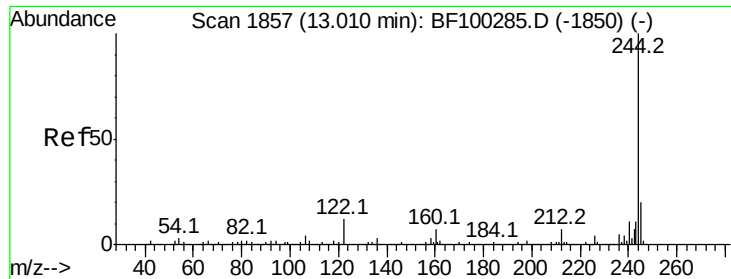
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



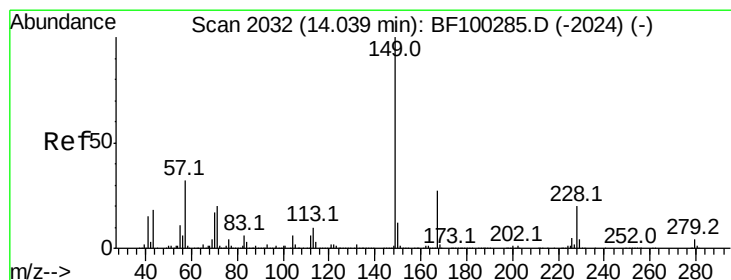
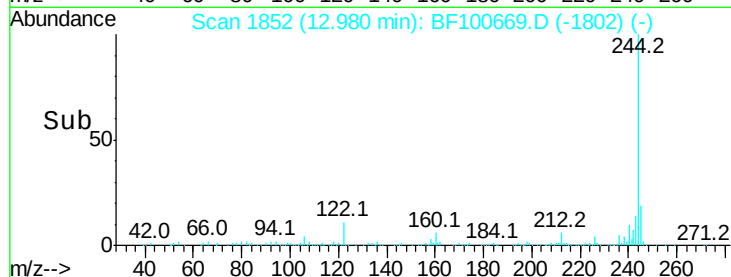
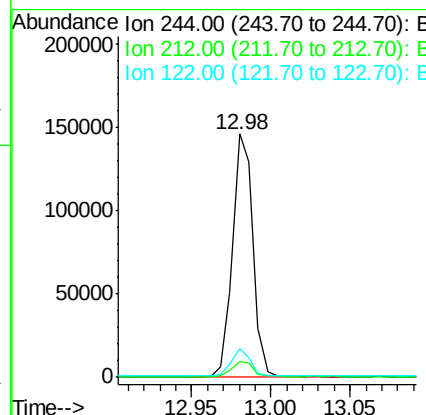
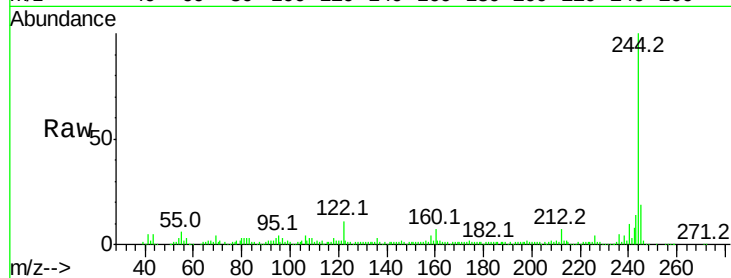
Time-->



#78
 Terphenyl-d14
 Concen: 12.575 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100669.D
 Acq: 17 Nov 2017 11:41

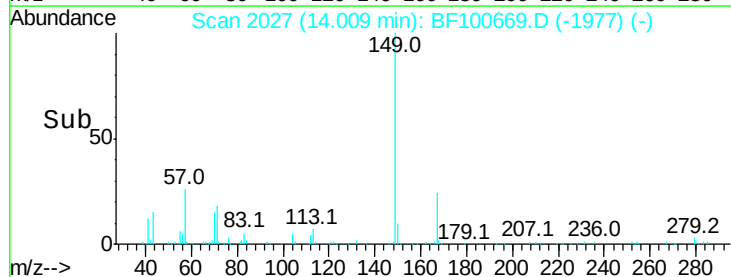
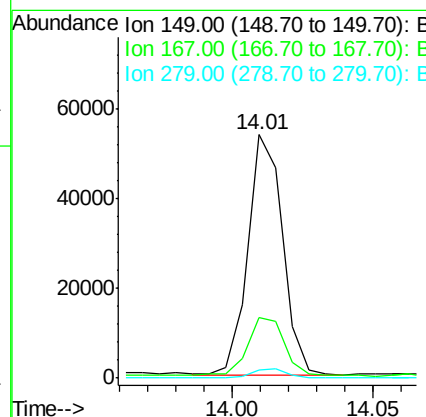
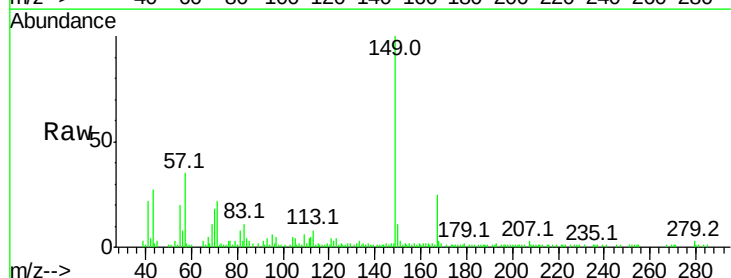
Instrument :
 BNA_F
 ClientSampleId :

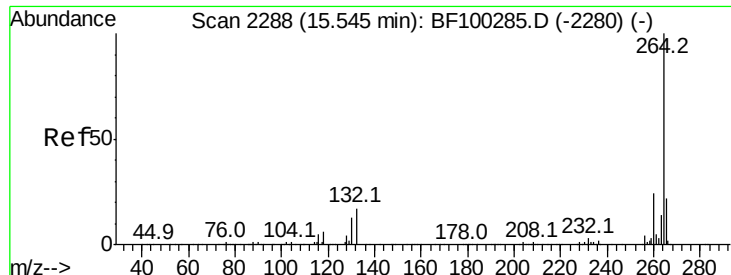
Tot Ion:244 Resp: 128805
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.5 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.046 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF100669.D
 Acq: 17 Nov 2017 11:41

Tgt Ion:149 Resp: 45410
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.3 31.9
 279 3.2 3.0 4.4

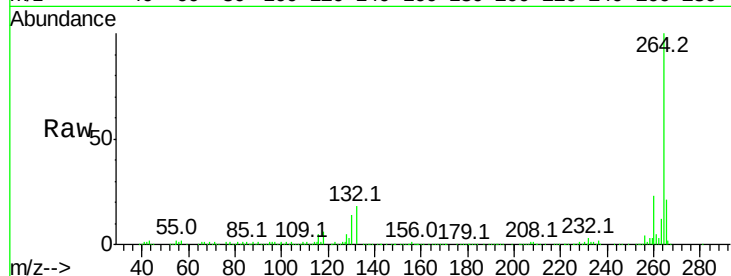




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100669.D
 Acq: 17 Nov 2017 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 239436
 Ion Ratio Lower Upper
 264 100
 260 23.2 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

