

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100904.D
 Acq On : 27 Nov 2017 20:41
 Operator : SJ/JU
 Sample : I6583-01 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 22:04:45 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

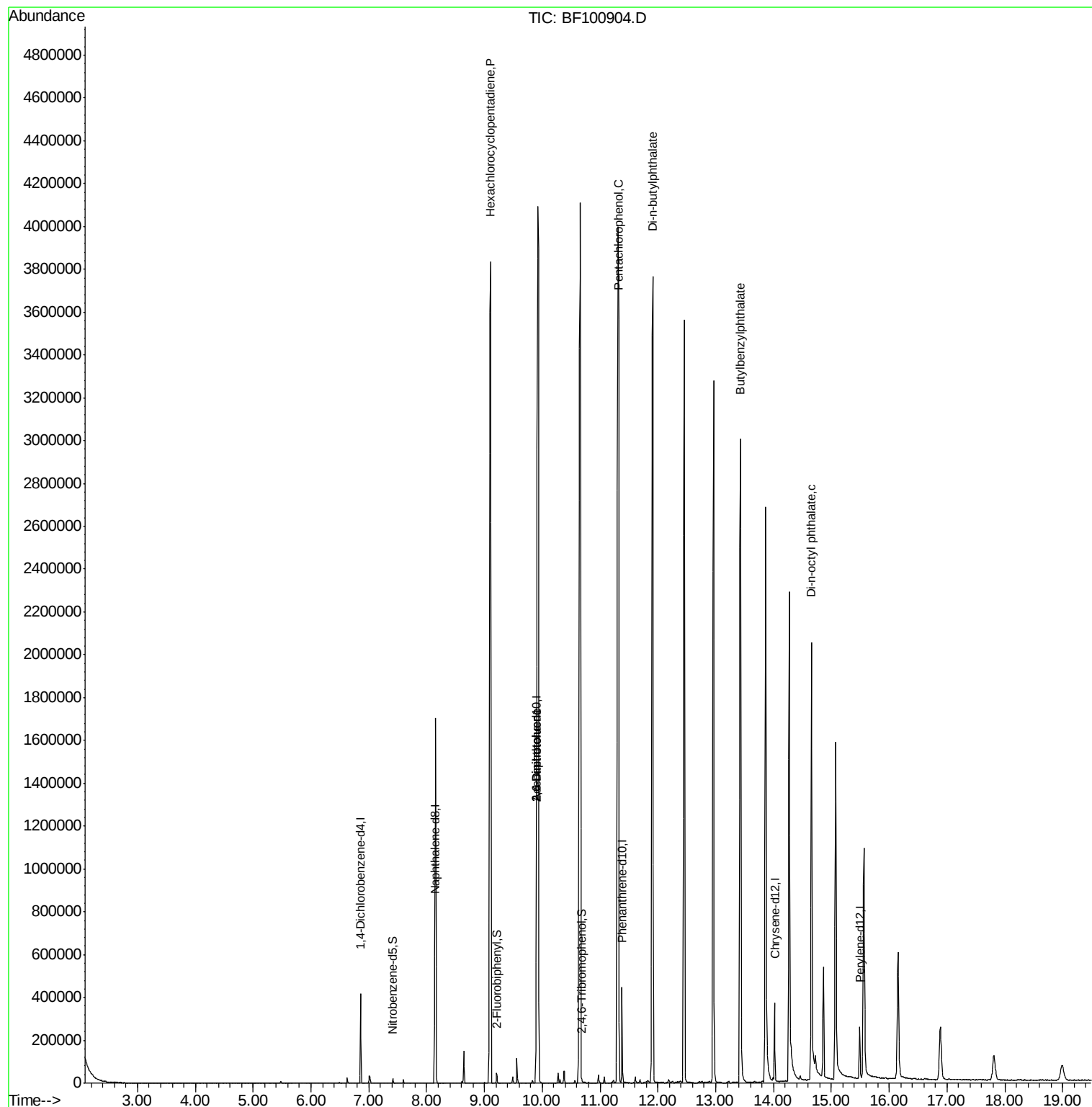
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	57298	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	214246	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	83476	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	152139	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128894	20.00	ng	0.00
86) Perylene-d12	15.49	264	118799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	3599	1.01	ng	0.00
7) Phenol-d6	6.49	99	2558	0.58	ng	0.00
23) Nitrobenzene-d5	7.42	82	7248	2.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	1844	2.17	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	17785	3.24	ng	-0.01
78) Terphenyl-d14	12.96	244	5408	0.96	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	9.10	237	4240	3.254	ng	# 59
50) 2,6-Dinitrotoluene	9.89	165	11520	9.131	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11520	7.238	ng	# 21
69) Pentachlorophenol	11.32	266	11661	9.534	ng	# 35
73) Di-n-butylphthalate	11.90	149	51172	5.831	ng	# 94
79) Butylbenzylphthalate	13.43	149	35726	9.534	ng	# 31
84) Di-n-octyl phthalate	14.66	149	22213	2.624	ng	# 75

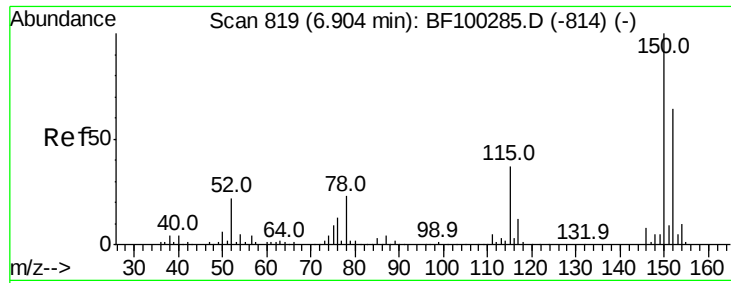
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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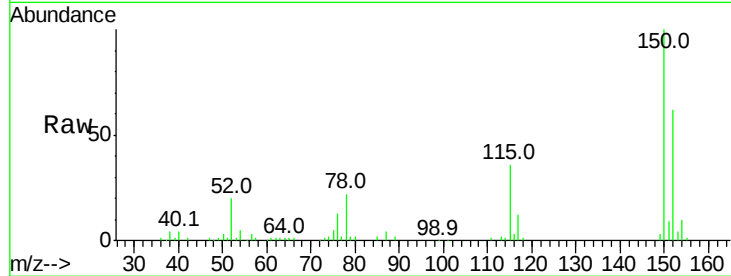


#1

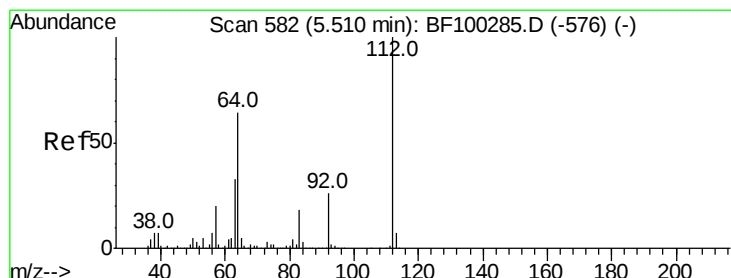
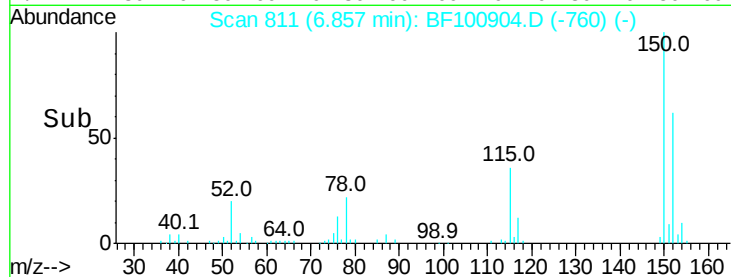
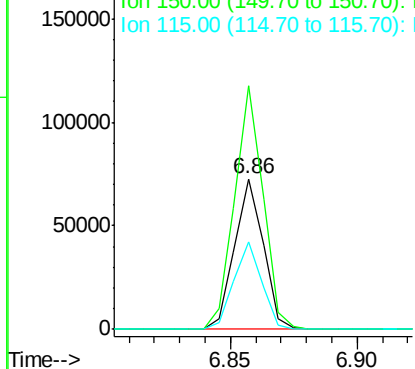
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57298
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 58.2 50.1 75.1



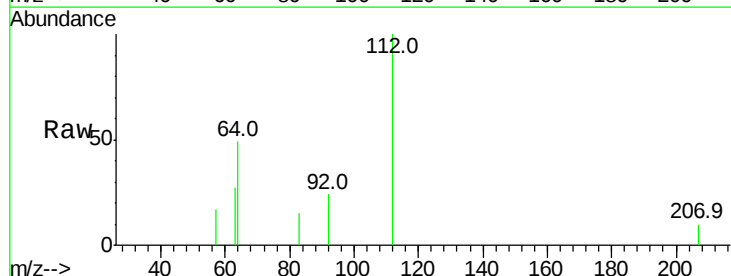
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



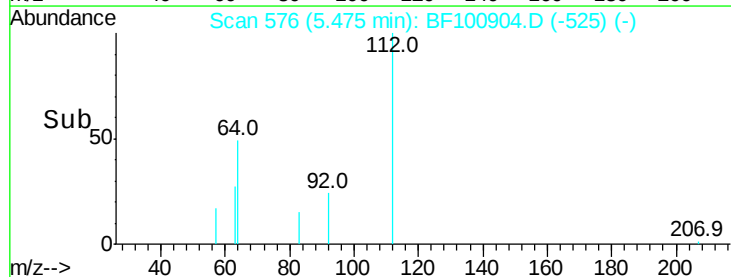
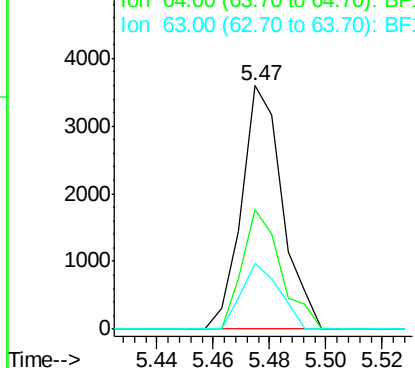
#5

2-Fluorophenol
Concen: 1.007 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Tgt Ion:112 Resp: 3599
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 26.9 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: 0.580 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

Instrument :

BNA_F

ClientSampleId :

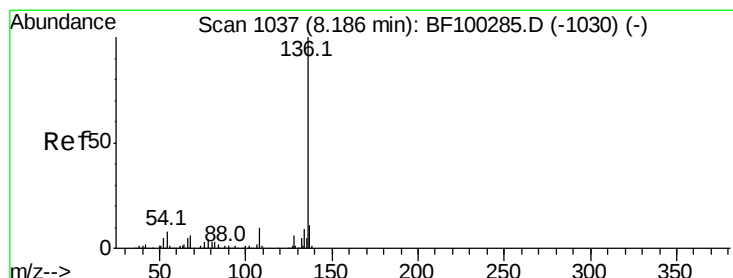
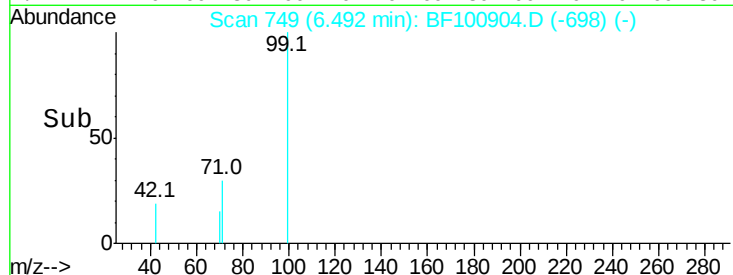
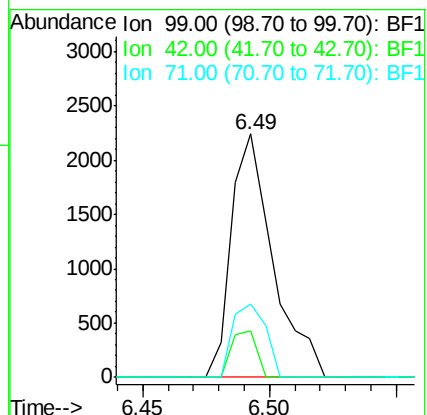
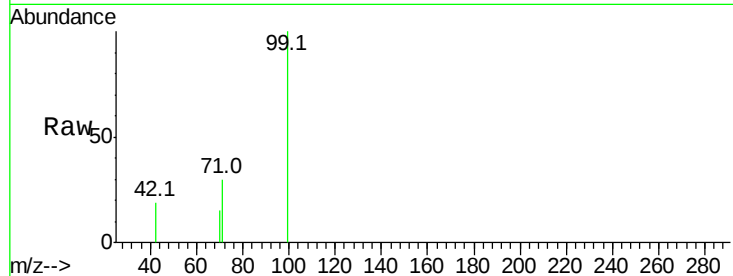
Tot Ion: 99 Resp: 2558

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 30.4 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: BF100904.D

Acq: 27 Nov 2017 20:41

Tgt Ion: 136 Resp: 214246

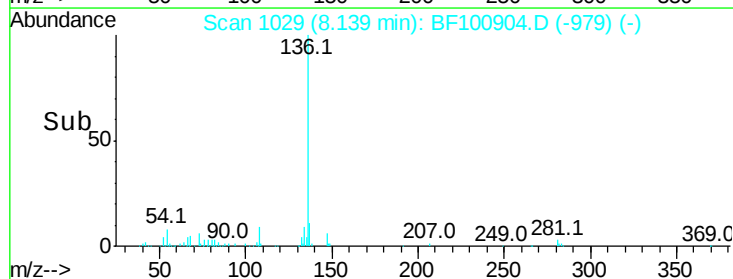
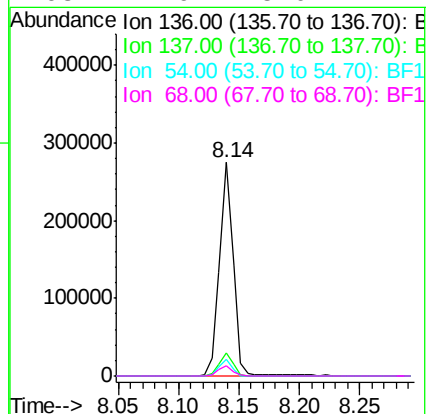
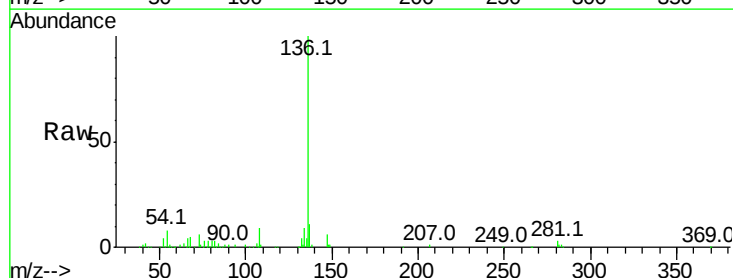
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 4.9 5.0 7.4#

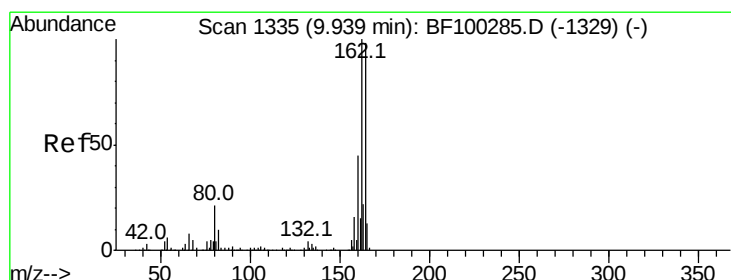
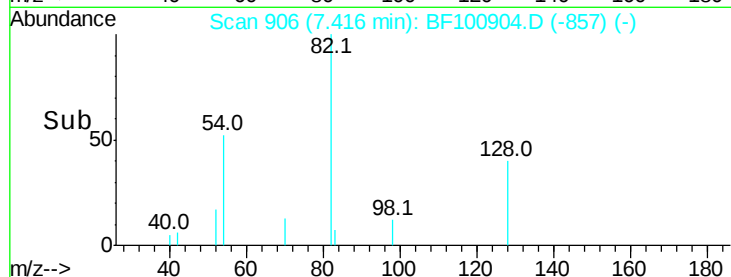
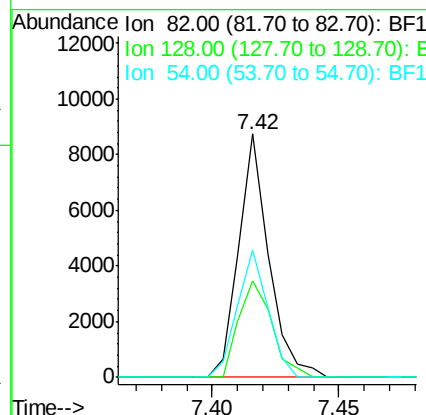
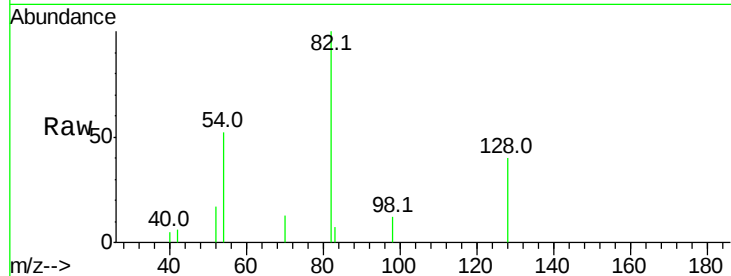




#23
Nitrobenzene-d5
Concen: 2.237 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

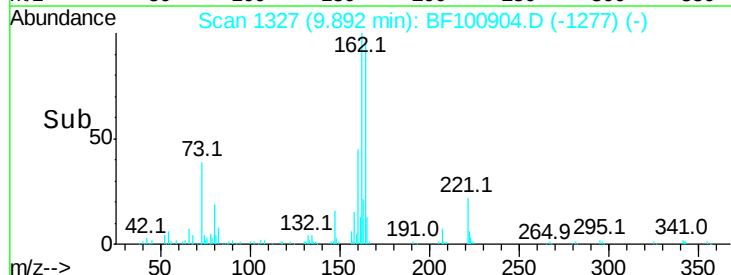
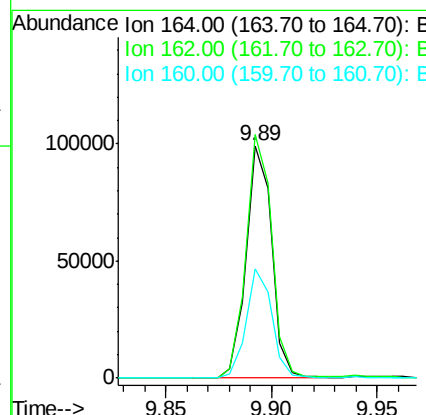
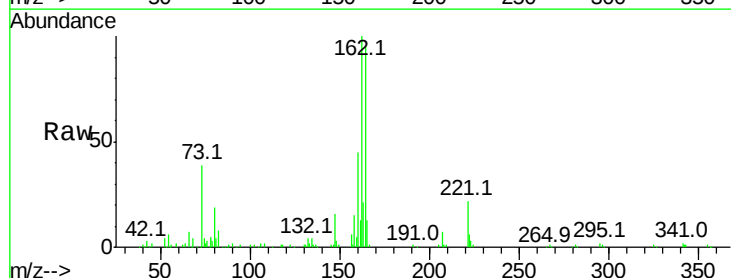
Instrument :
BNA_F
ClientSampled :

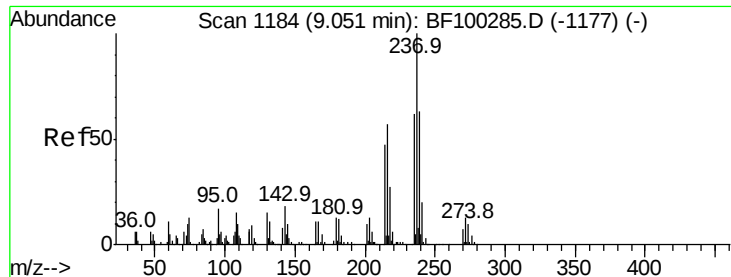
Tot Ion	82	Resp	7248
Ion Ratio	100	Lower	Upper
128	39.6	36.1	54.1
54	52.1	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Tgt Ion	164	Resp	83476
Ion Ratio	100	Lower	Upper
162	104.8	86.1	129.1
160	46.9	38.3	57.5

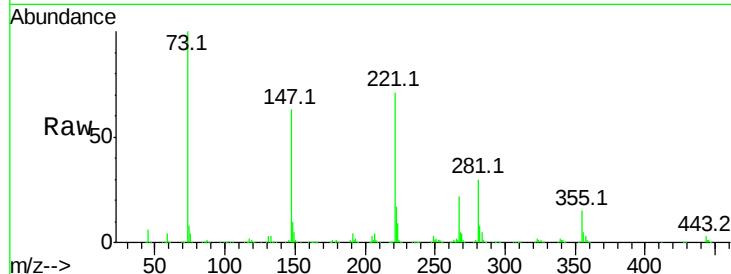




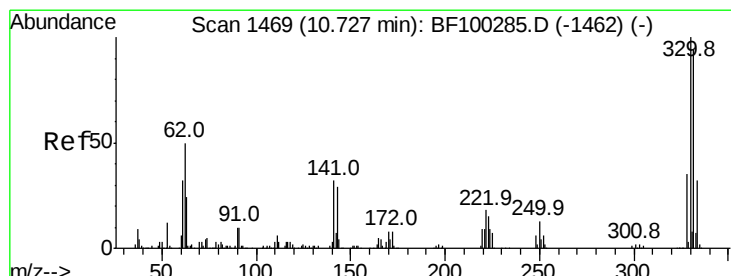
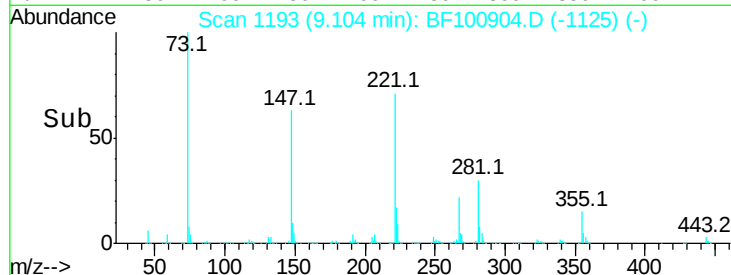
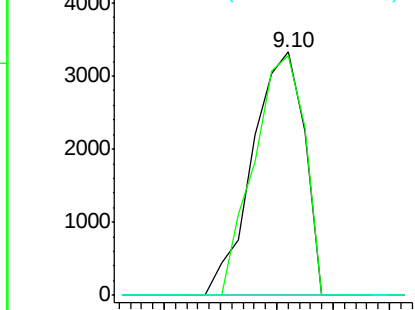
#40
Hexachlorocyclopentadiene
Concen: 3.254 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.10 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 4240
Ion Ratio Lower Upper
237 100
235 98.3 44.8 84.8#
272 0.0 0.0 33.3

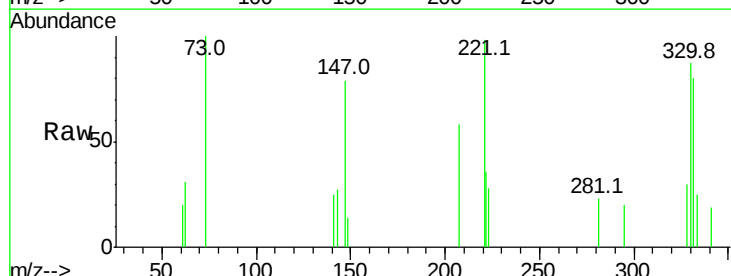


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

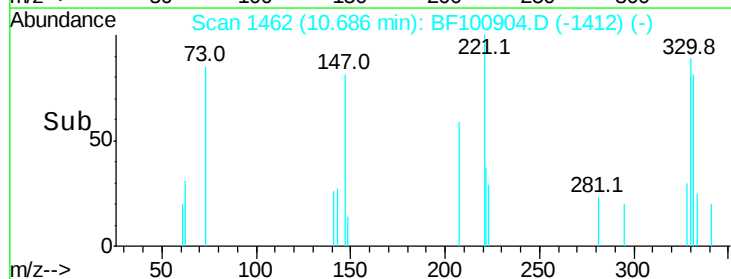
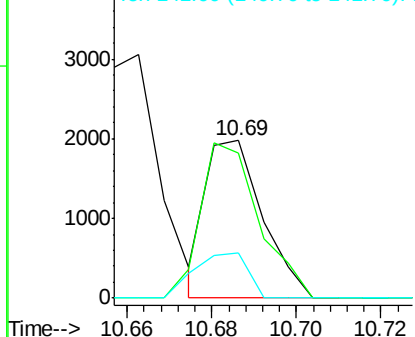


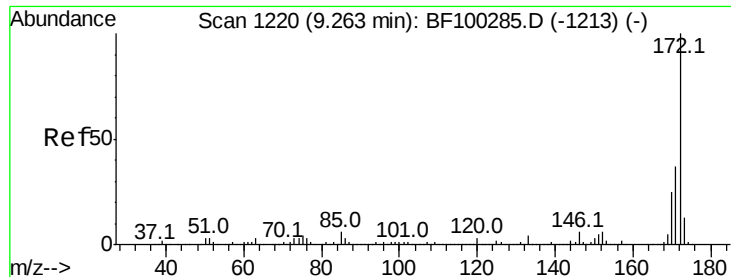
#41
2,4,6-Tribromophenol
Concen: 2.168 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF100904.D
Acq: 27 Nov 2017 20:41

Tgt Ion:330 Resp: 1844
Ion Ratio Lower Upper
330 100
332 101.5 77.0 115.6
141 27.4 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

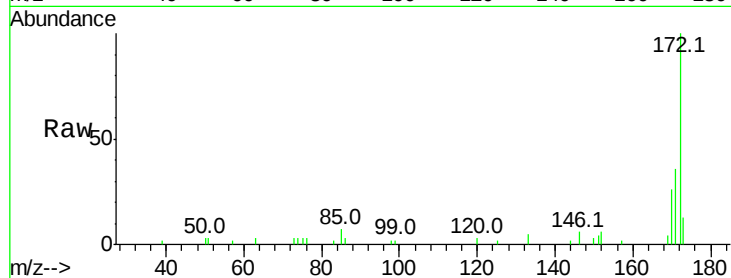




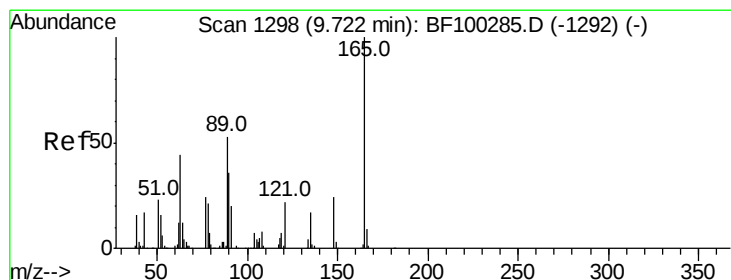
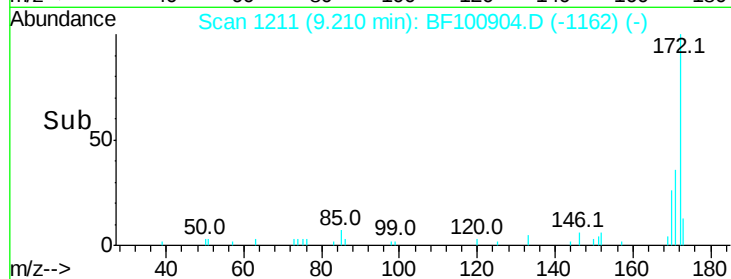
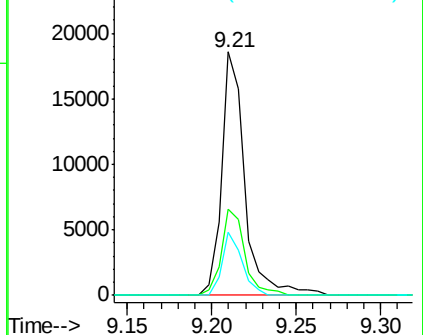
#44
 2-Fluorobiphenyl
 Concen: 3.244 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 17785
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 25.9 19.6 29.4

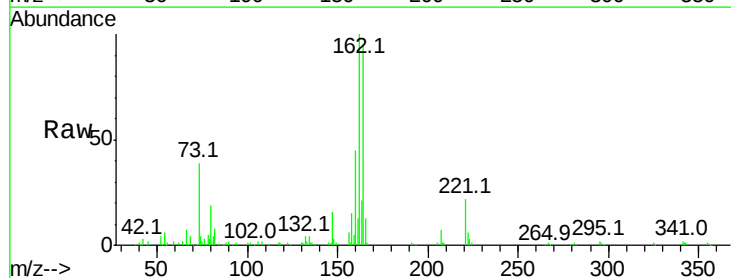


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

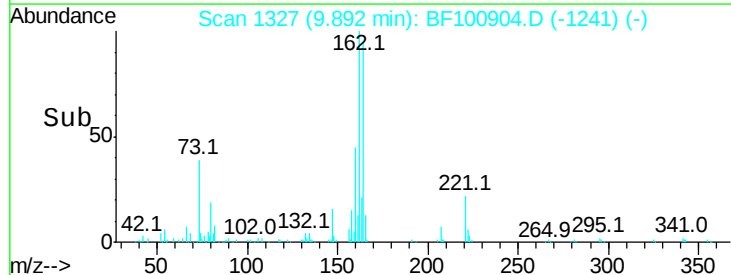
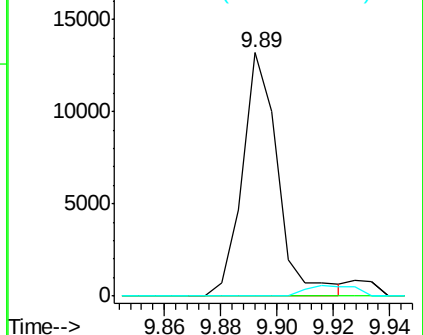


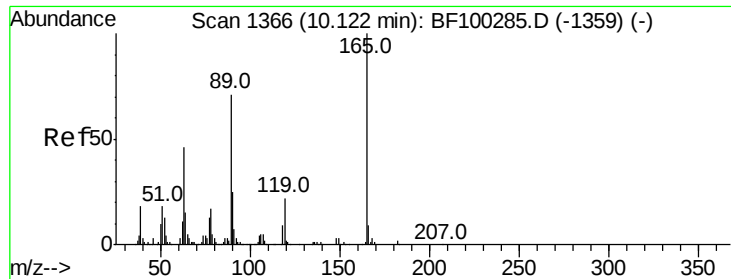
#50
 2,6-Dinitrotoluene
 Concen: 9.131 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Tgt Ion:165 Resp: 11520
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

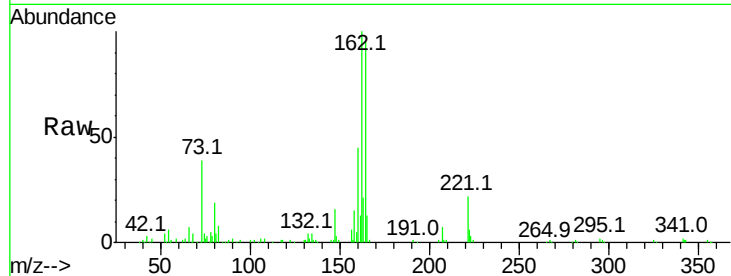




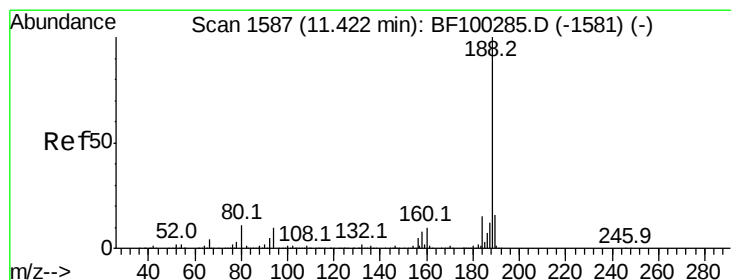
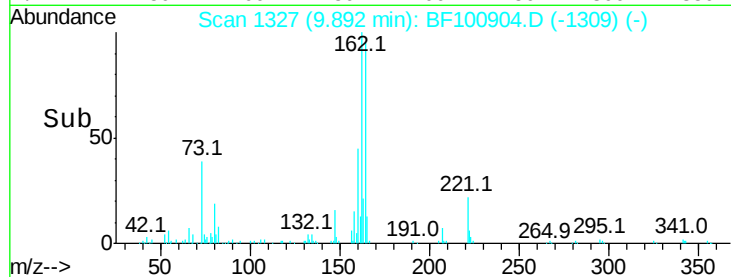
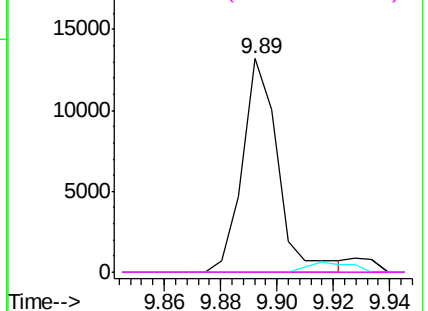
#56
 2,4-Dinitrotoluene
 Concen: 7.238 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11520
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

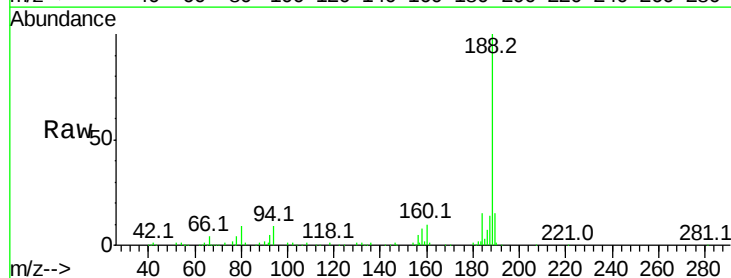


Abundance Ion 165.00 (164.70 to 165.70): E

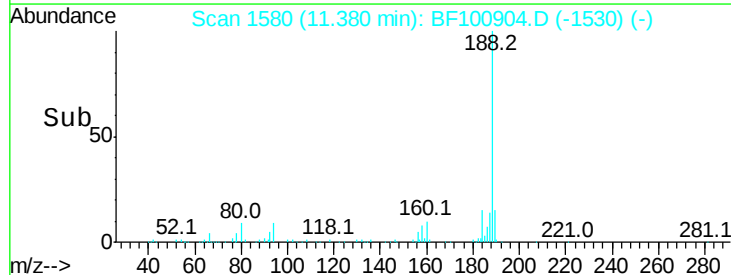
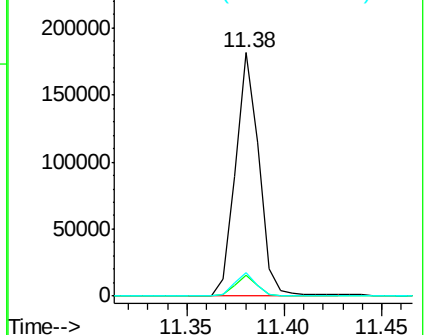


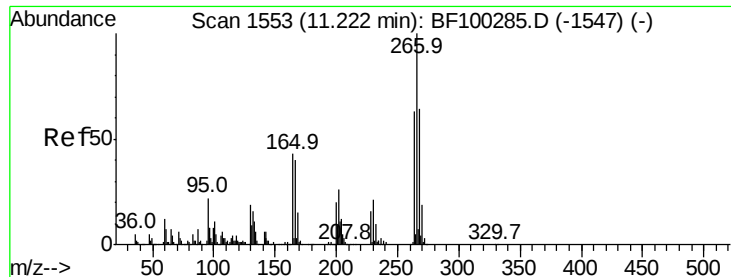
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Tgt Ion:188 Resp: 152139
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#69

Pentachlorophenol

Concen: 9.534 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.13 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

Instrument :

BNA_F

ClientSampleId :

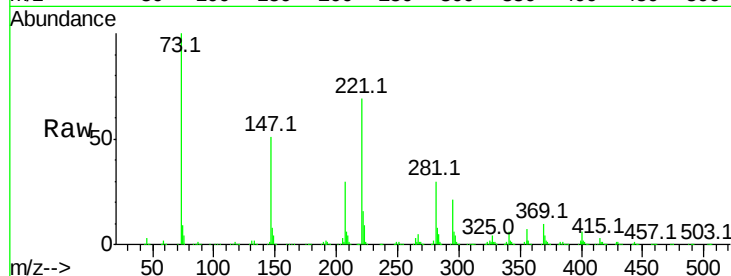
Tot Ion:266 Resp: 11661

Ion Ratio Lower Upper

266 100

268 122.4 51.1 76.7#

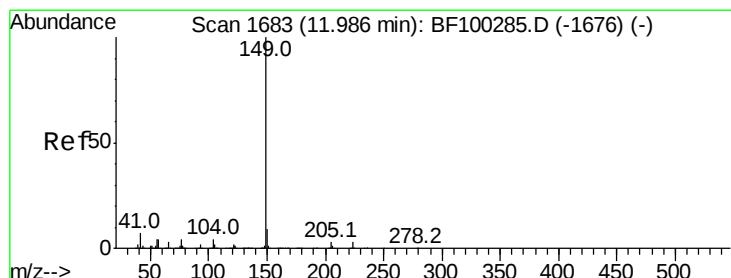
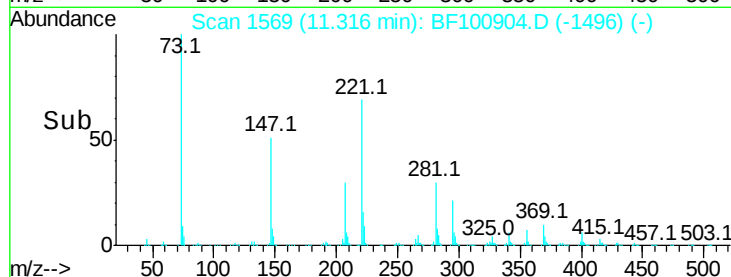
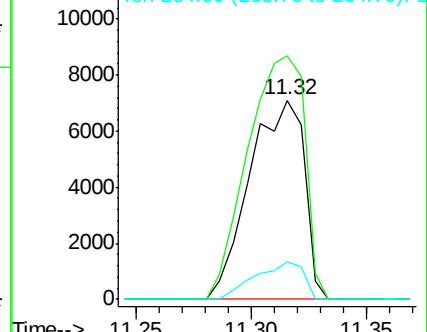
264 19.1 49.5 74.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#73

Di-n-butylphthalate

Concen: 5.831 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.04 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

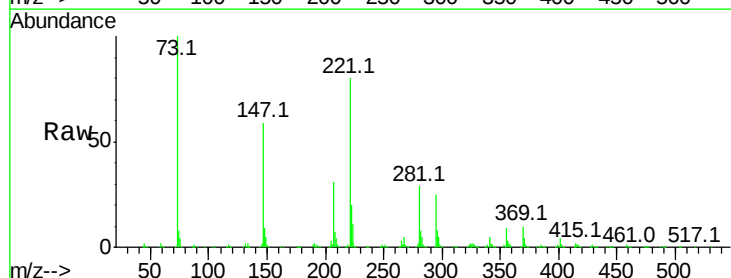
Tgt Ion:149 Resp: 51172

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

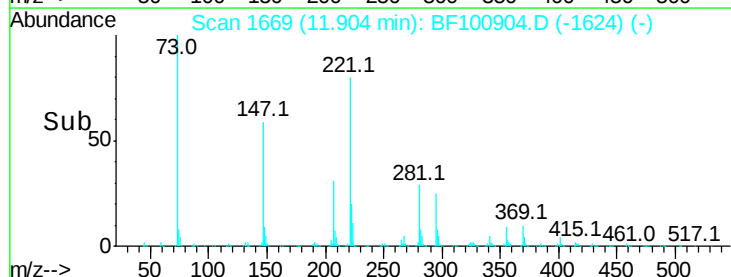
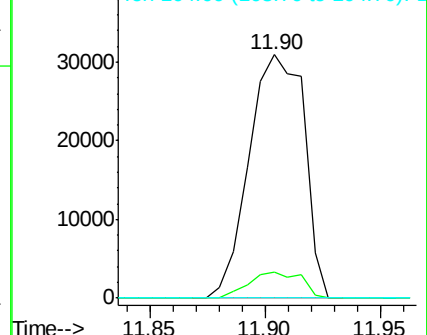
104 0.0 3.8 5.8#

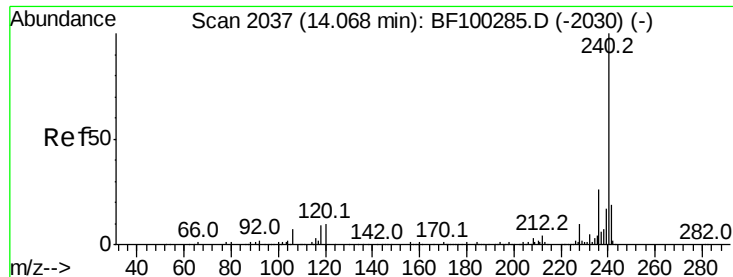


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

Instrument :

BNA_F

ClientSampleId :

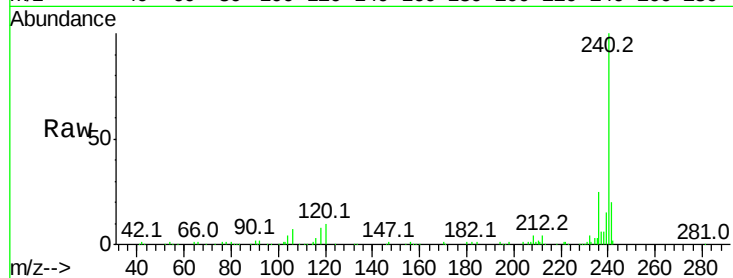
Tot Ion:240 Resp: 128894

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

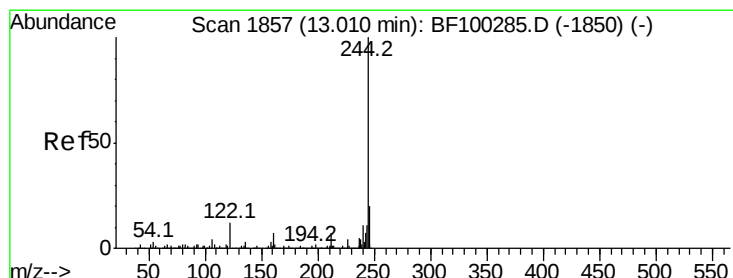
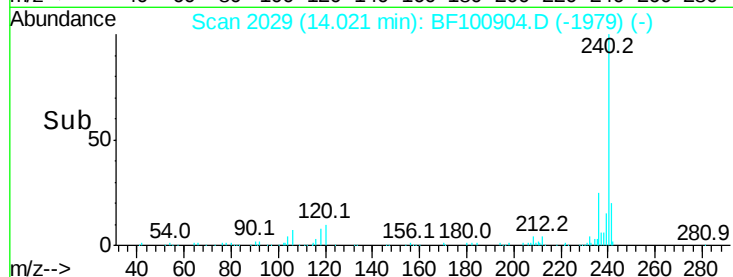
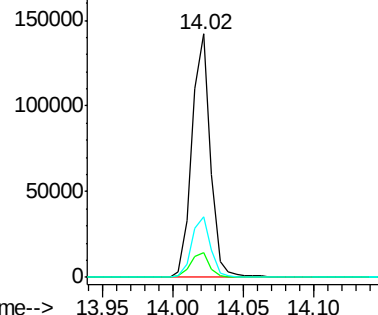
236 24.8 20.7 31.1



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: 0.964 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100904.D

Acq: 27 Nov 2017 20:41

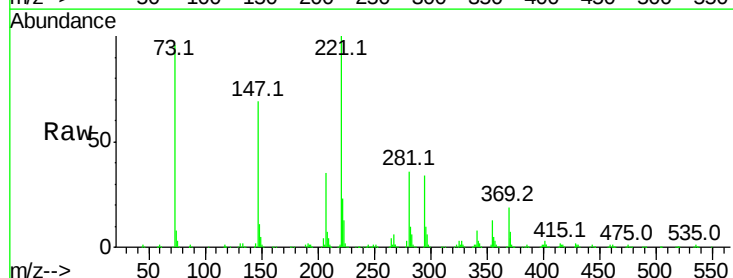
Tgt Ion:244 Resp: 5408

Ion Ratio Lower Upper

244 100

212 9.8 5.4 8.0#

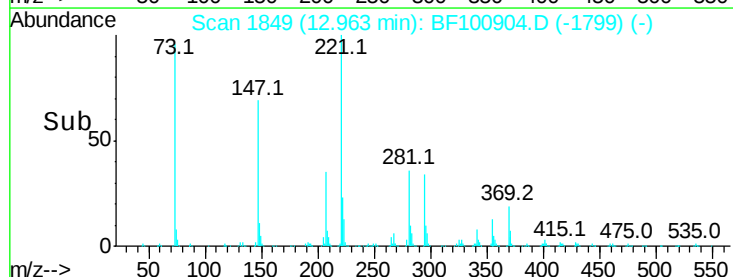
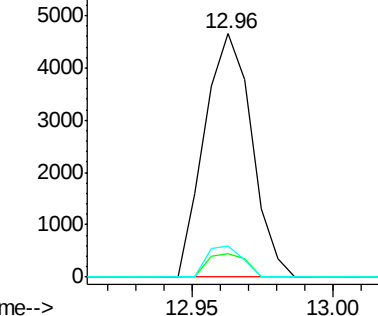
122 12.6 11.0 16.4

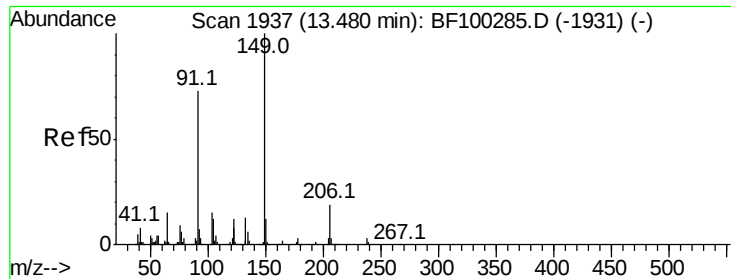


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

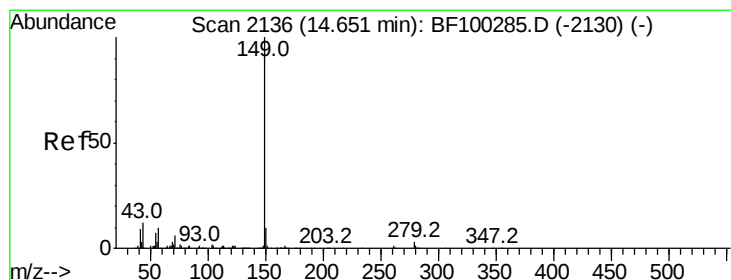
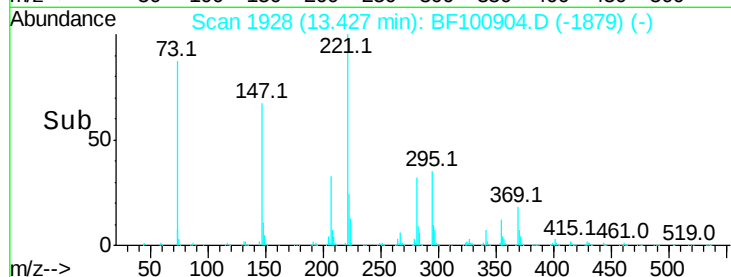
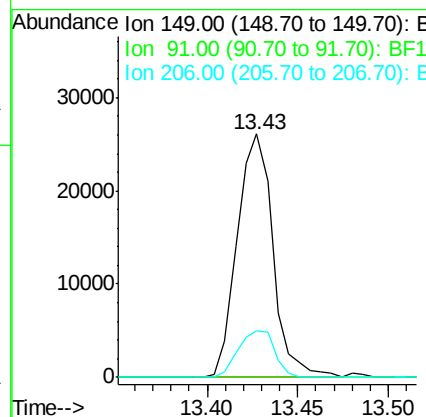
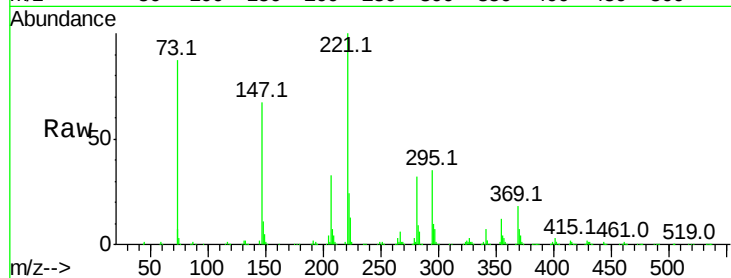




#79
 Butylbenzylphthalate
 Concen: 9.534 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

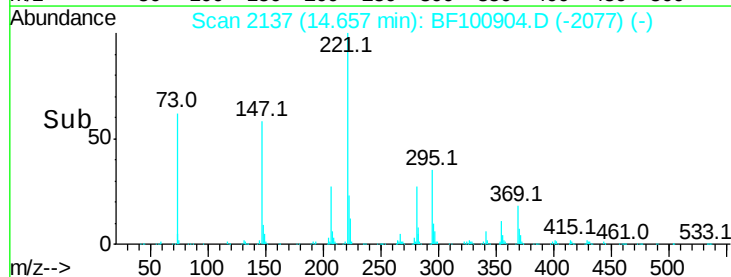
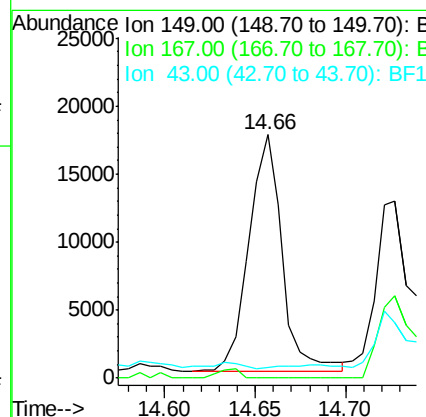
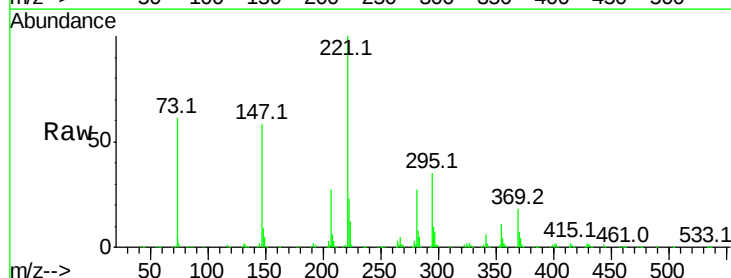
Instrument :
 BNA_F
 ClientSampleId :

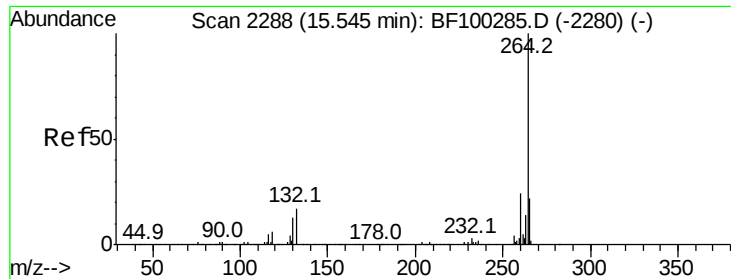
Tot Ion:149 Resp: 35726
 Ion Ratio Lower Upper
 149 100
 91 0.0 56.8 85.2#
 206 19.1 14.1 21.1



#84
 Di-n-octyl phthalate
 Concen: 2.624 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. 0.05 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Tgt Ion:149 Resp: 22213
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.4 12.6#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100904.D
 Acq: 27 Nov 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.1	17.5	26.3

