

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100964.D
 Acq On : 29 Nov 2017 5:45
 Operator : SJ/JU
 Sample : I6603-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 06:23:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

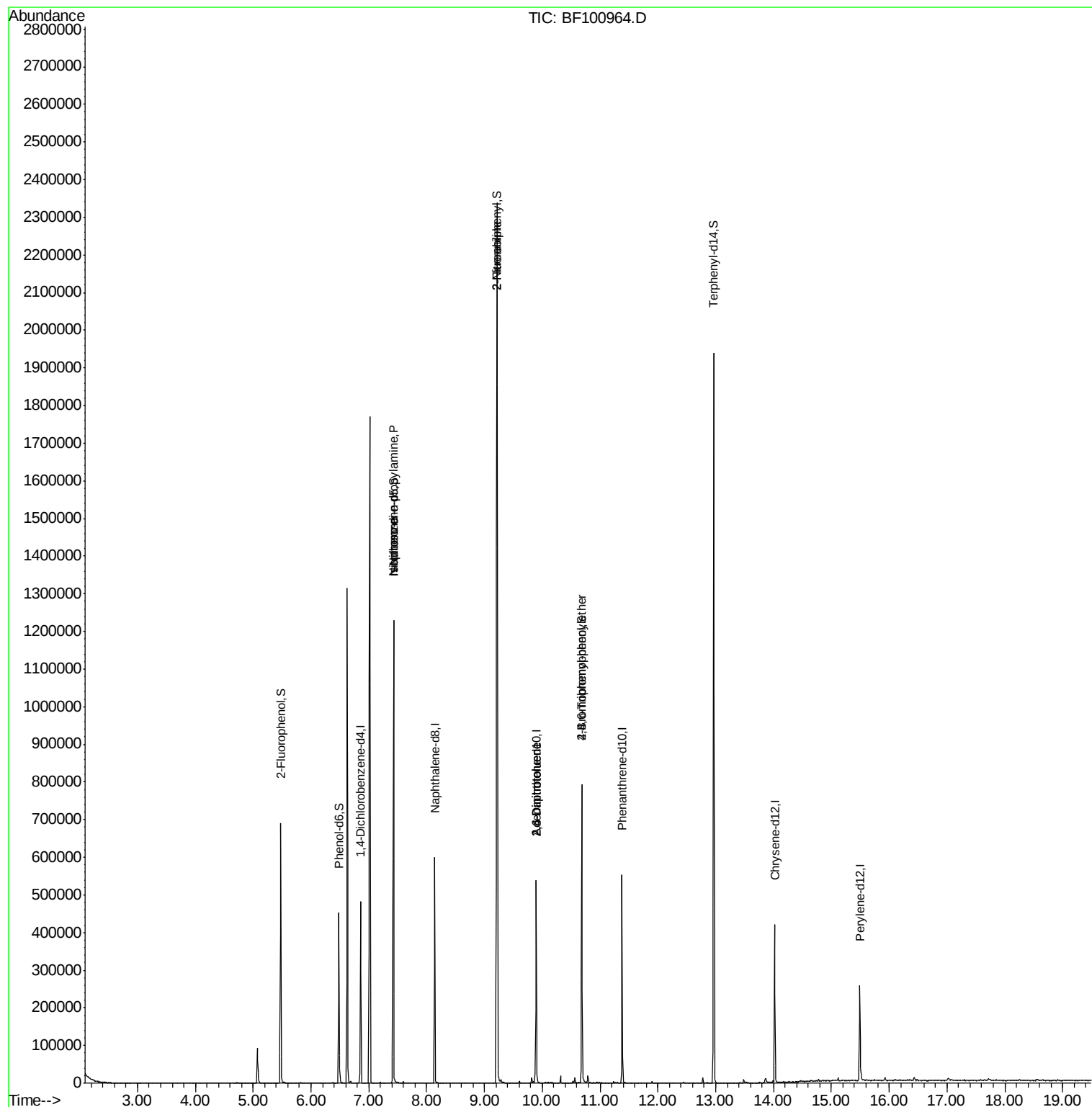
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67492	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	250151	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112031	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	194020	20.00	ng	0.00
75) Chrysene-d12	14.02	240	139722	20.00	ng	0.00
86) Perylene-d12	15.49	264	124264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	178215	42.33	ng	0.00
7) Phenol-d6	6.48	99	131711	25.37	ng	-0.01
23) Nitrobenzene-d5	7.43	82	410647	108.53	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	108784	95.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	848169	115.28	ng	0.00
78) Terphenyl-d14	12.97	244	598292	98.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	54774	15.212	ng	# 82
25) Isophorone	7.43	82	410643	51.646	ng	# 64
47) 2-Nitroaniline	9.22	65	1112	3.288	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	13610	8.038	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	13610	6.372	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	6316	3.037	ng	# 1

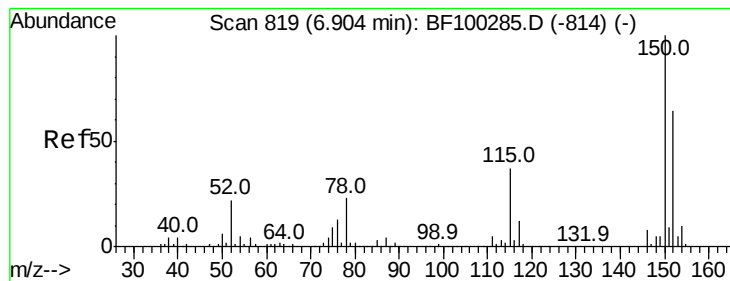
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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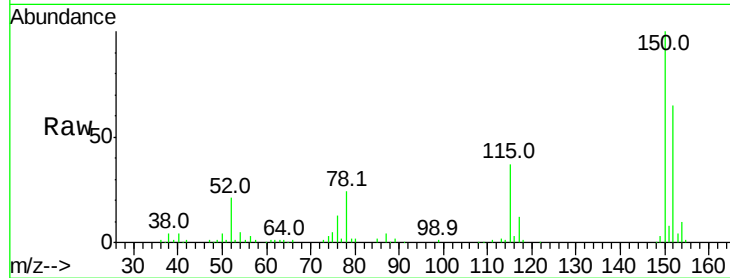


#1

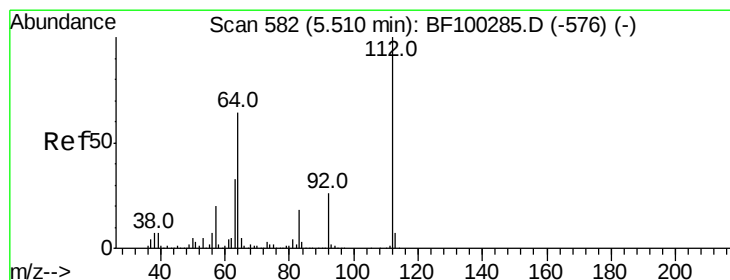
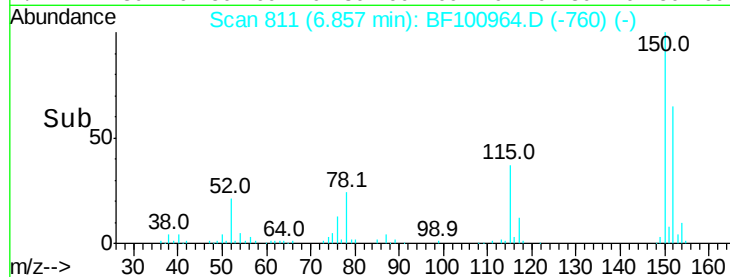
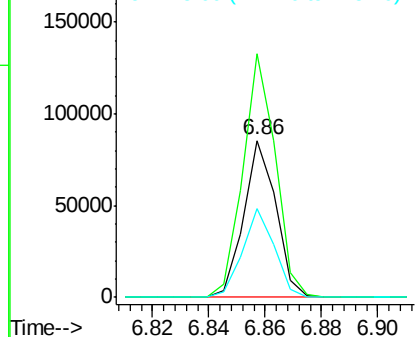
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100964.D
Acq: 29 Nov 2017 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67492
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 56.7 50.1 75.1



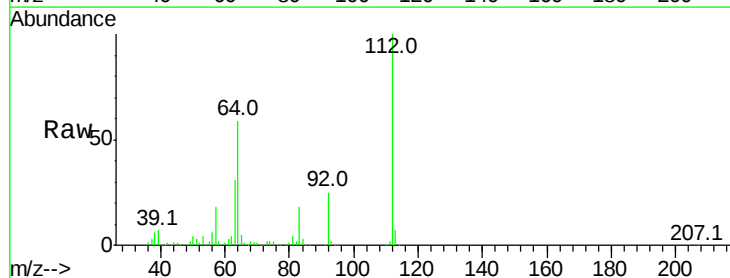
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



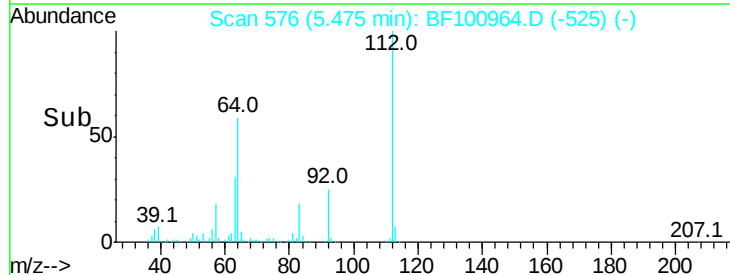
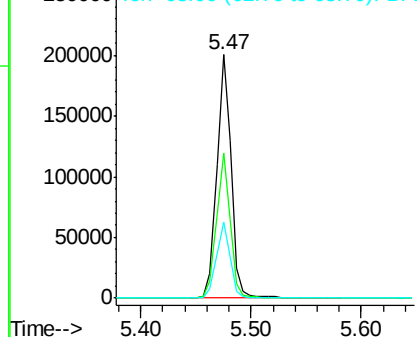
#5

2-Fluorophenol
Concen: 42.327 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100964.D
Acq: 29 Nov 2017 5:45

Tgt Ion:112 Resp: 178215
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.0 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: 25.368 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100964.D

Acq: 29 Nov 2017 5:45

Instrument :

BNA_F

ClientSampleId :

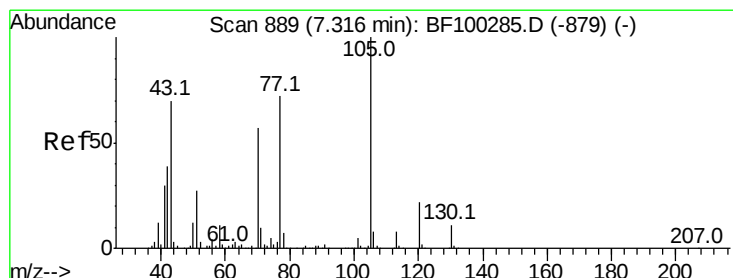
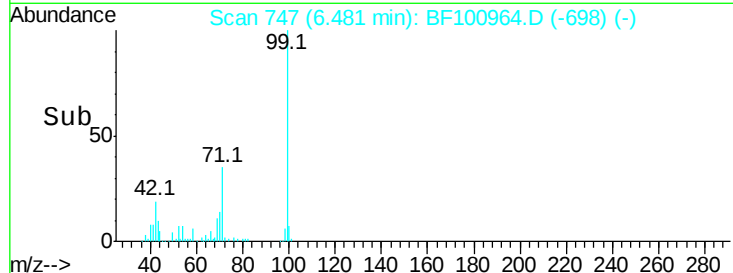
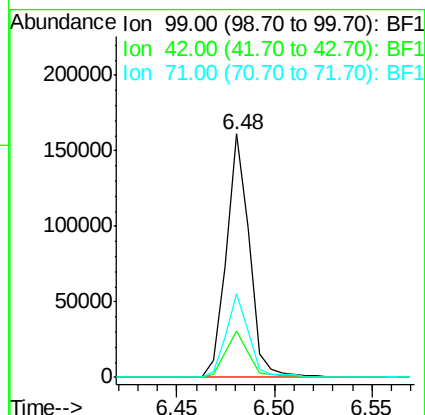
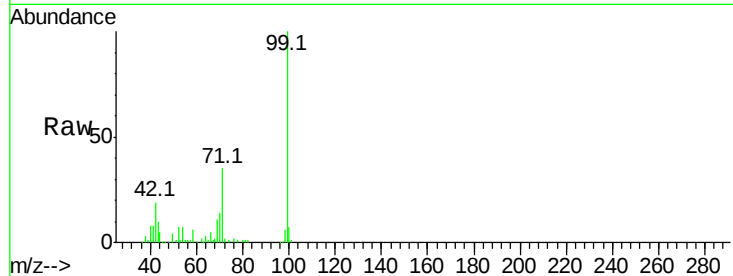
Tot Ion: 99 Resp: 131711

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 34.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.212 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF100964.D

Acq: 29 Nov 2017 5:45

Tgt Ion: 70 Resp: 54774

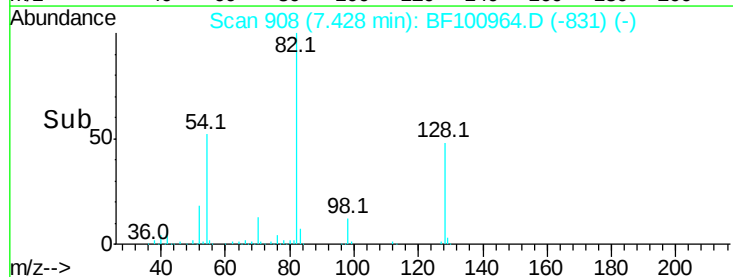
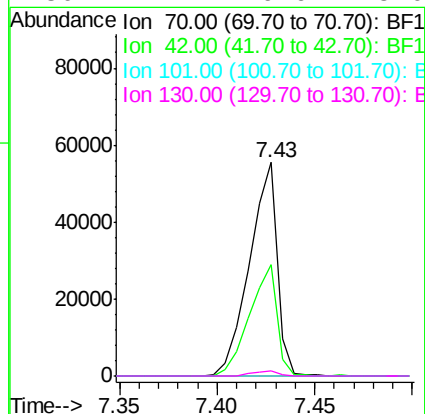
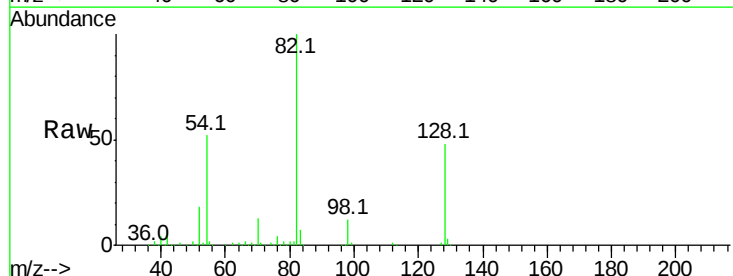
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

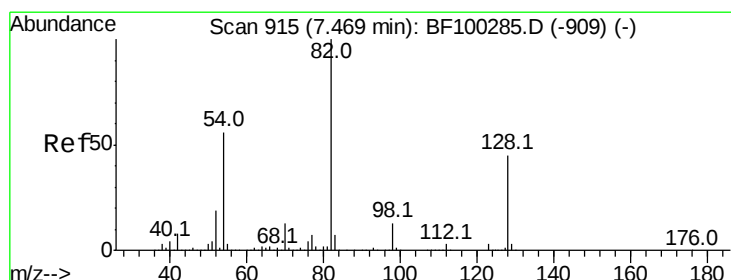
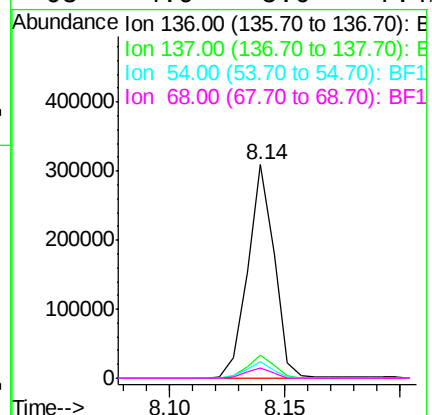
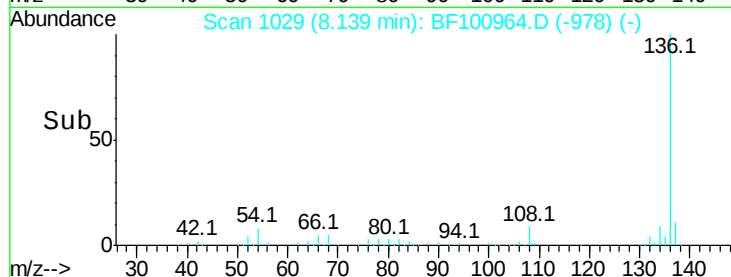
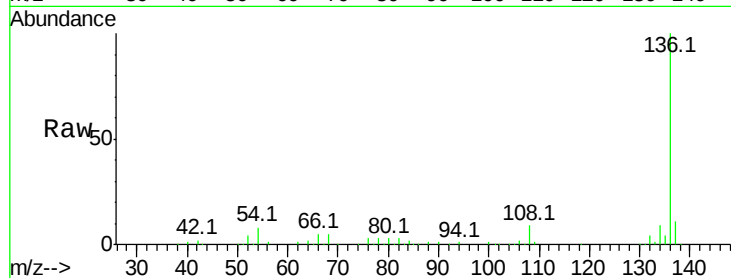




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100964.D
Acq: 29 Nov 2017 5:45

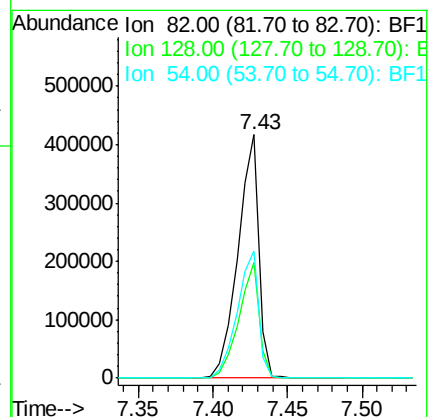
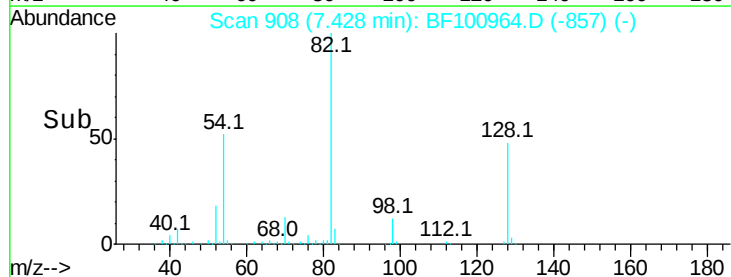
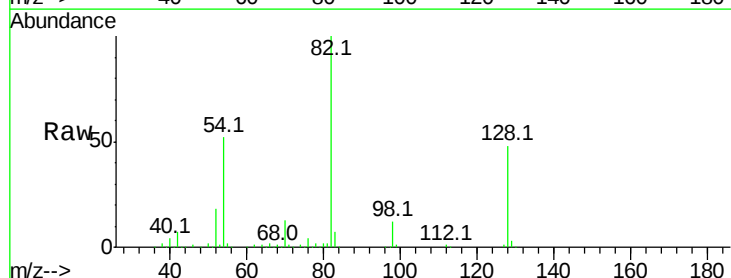
Instrument :
BNA_F
ClientSampled :

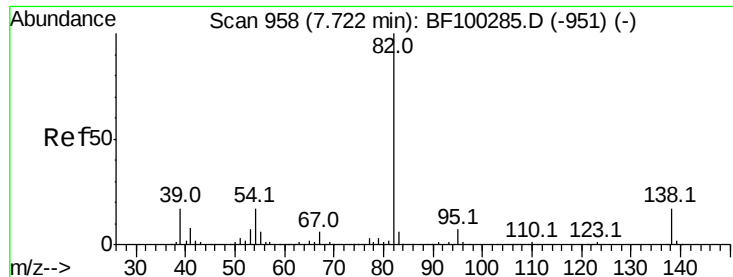
Tot Ion:	136	Resp:	250151
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 108.531 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100964.D
Acq: 29 Nov 2017 5:45

Tgt Ion:	82	Resp:	410647
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	52.4	41.4	62.2





#25

Isophorone

Concen: 51.646 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF100964.D

Acq: 29 Nov 2017 5:45

Instrument :

BNA_F

ClientSampleId :

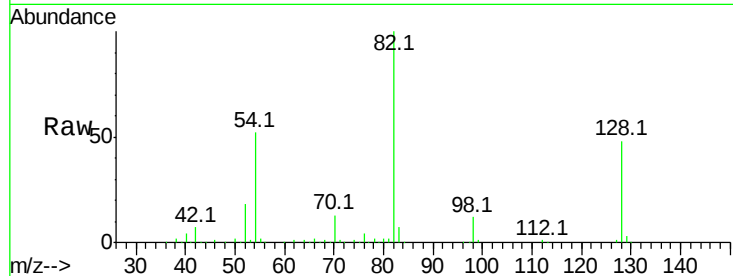
Tot Ion: 82 Resp: 410643

Ion Ratio Lower Upper

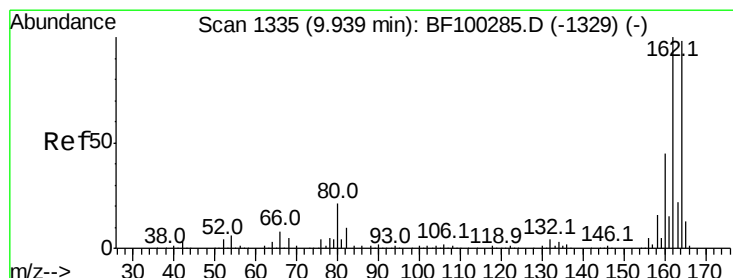
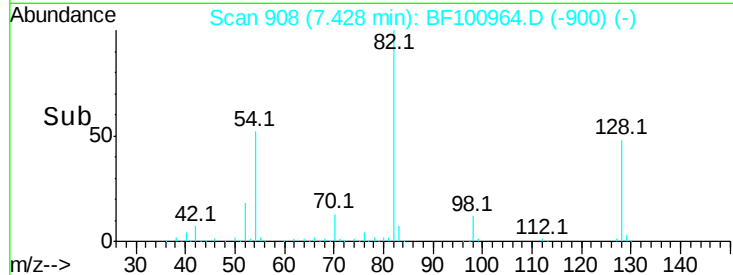
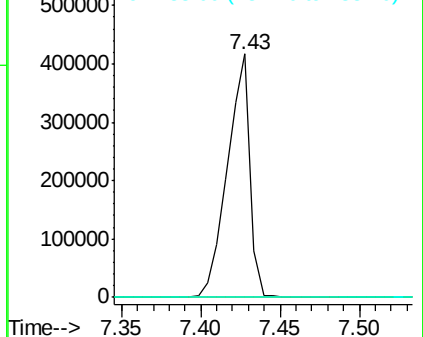
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100964.D

Acq: 29 Nov 2017 5:45

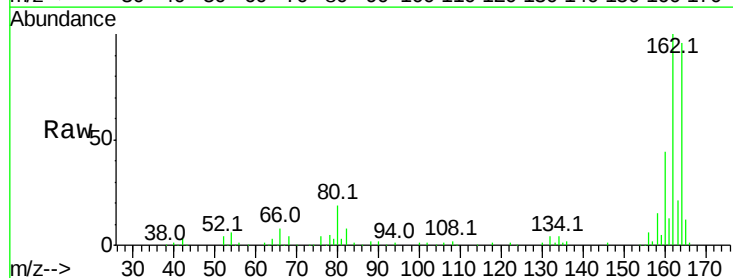
Tgt Ion:164 Resp: 112031

Ion Ratio Lower Upper

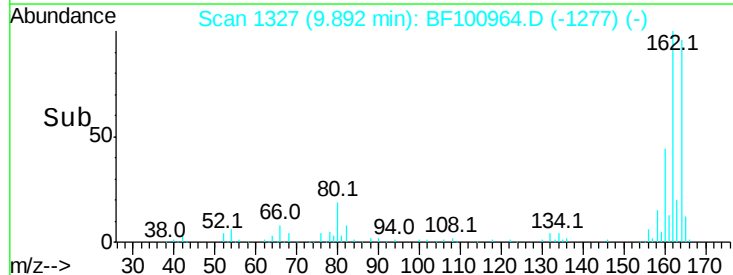
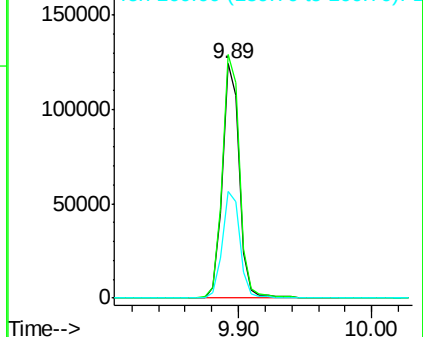
164 100

162 104.0 86.1 129.1

160 45.8 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

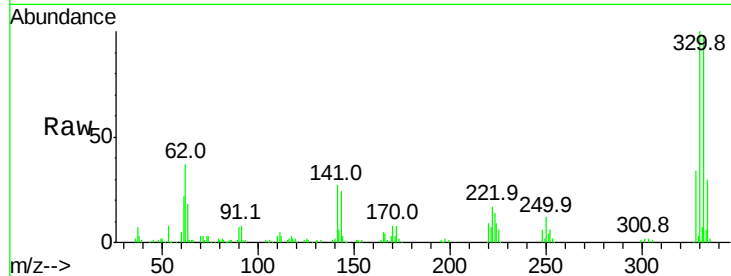




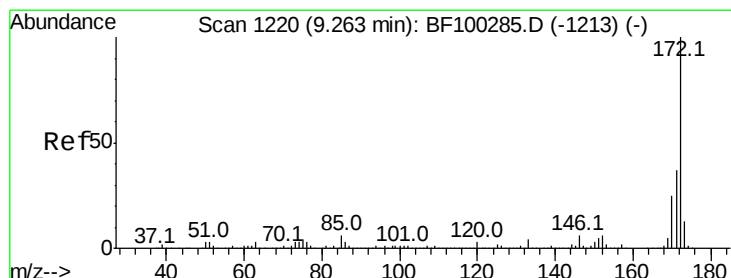
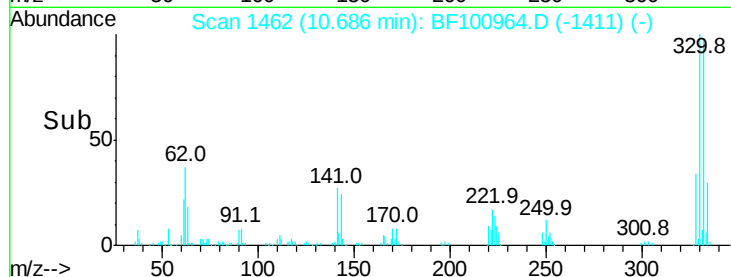
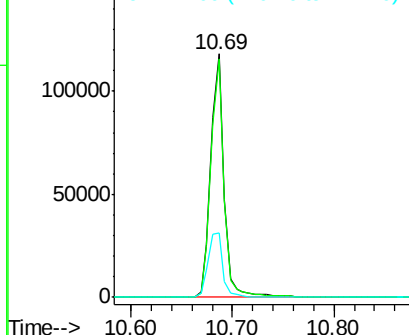
#41
 2,4,6-Tribromophenol
 Concen: 95.291 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100964.D
 Acq: 29 Nov 2017 5:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	29.4	29.9	44.9#

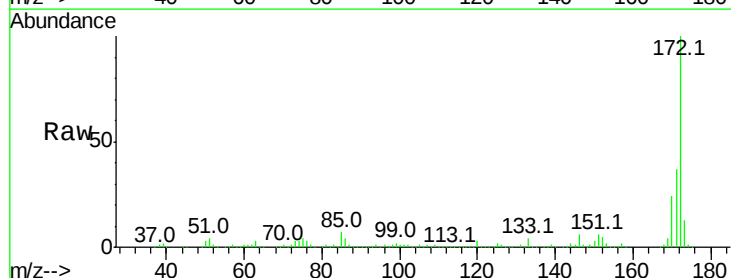


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

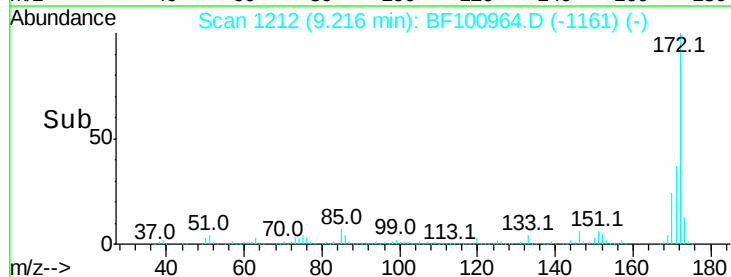
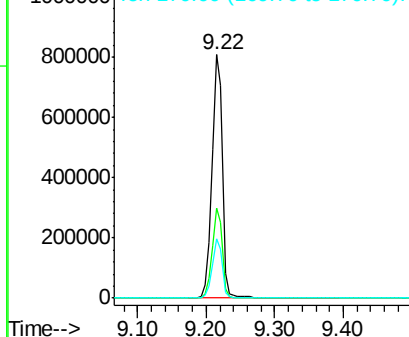


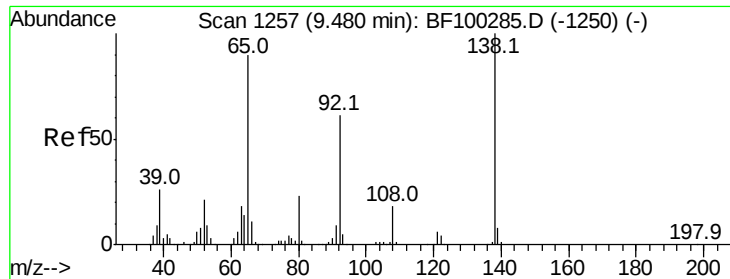
#44
 2-Fluorobiphenyl
 Concen: 115.282 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100964.D
 Acq: 29 Nov 2017 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	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: 3.288 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.22 min

Lab File: BF100964.D

Acq: 29 Nov 2017 5:45

Instrument :

BNA_F

ClientSampled :

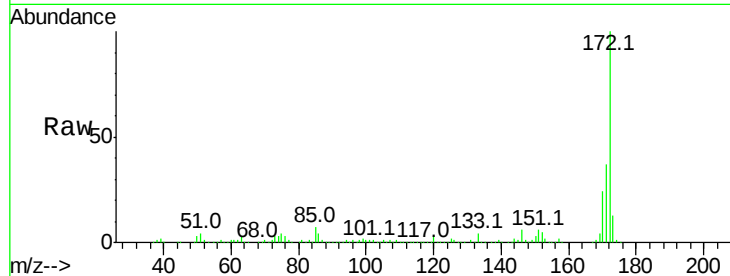
Tot Ion: 65 Resp: 1112

Ion Ratio Lower Upper

65 100

92 234.7 55.8 83.6#

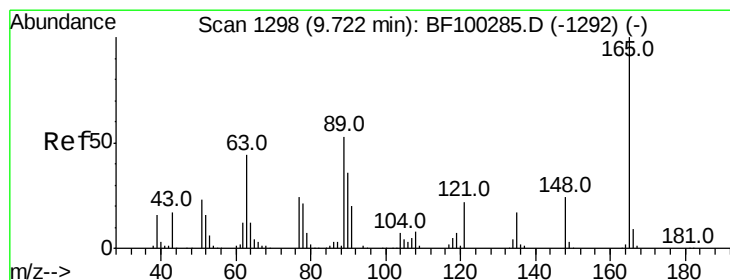
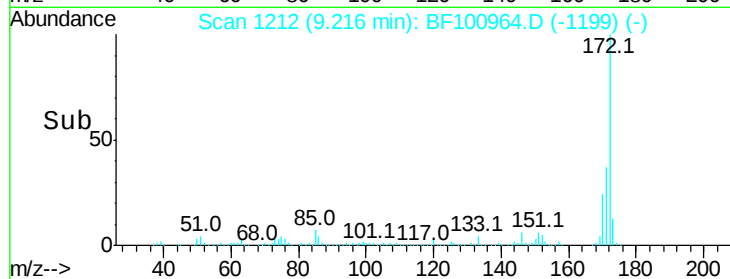
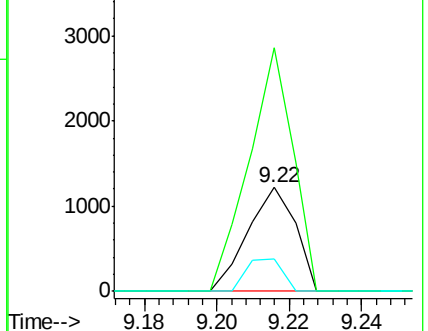
138 31.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.038 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100964.D

Acq: 29 Nov 2017 5:45

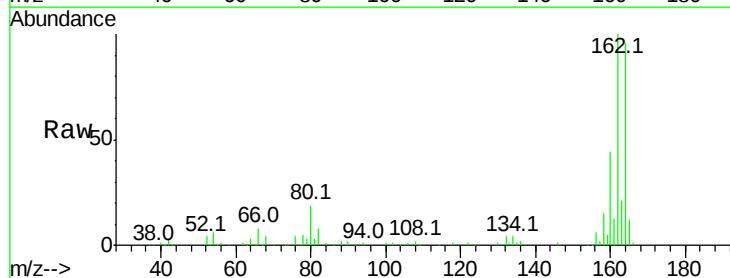
Tgt Ion:165 Resp: 13610

Ion Ratio Lower Upper

165 100

63 2.0 44.7 67.1#

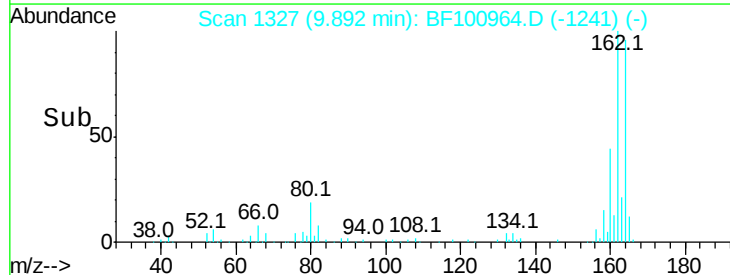
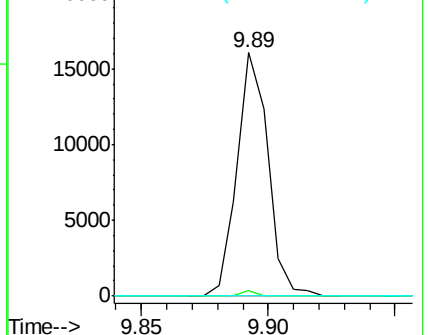
89 0.0 44.0 66.0#

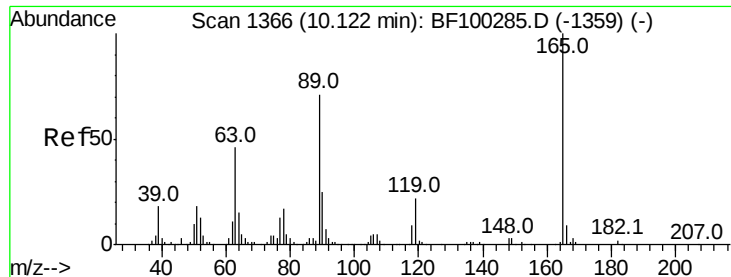


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

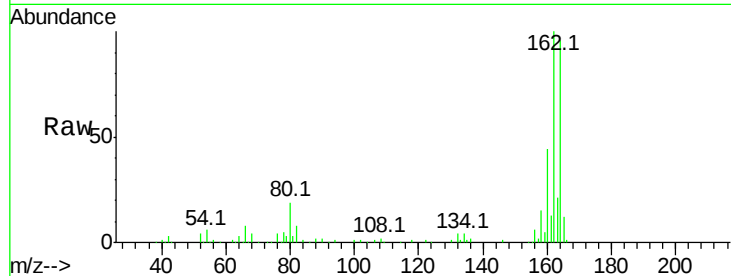




#56
 2,4-Dinitrotoluene
 Concen: 6.372 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100964.D
 Acq: 29 Nov 2017 5:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	13610
Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

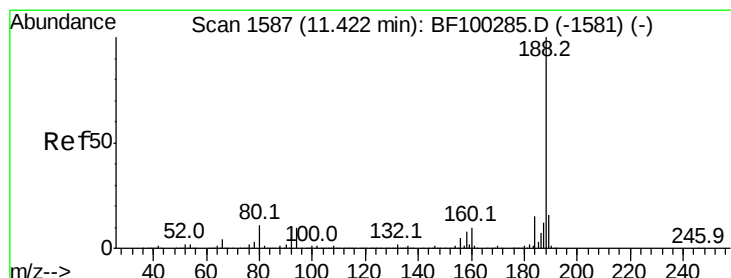
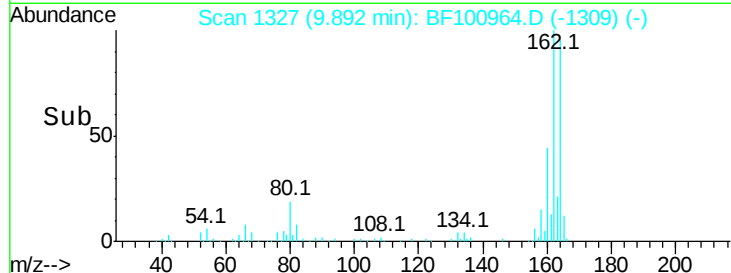
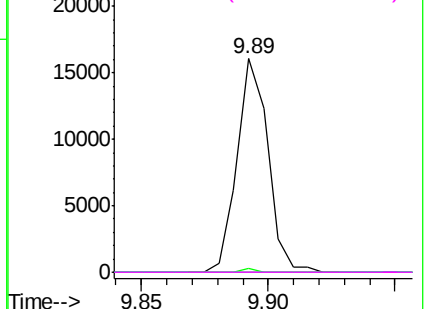


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

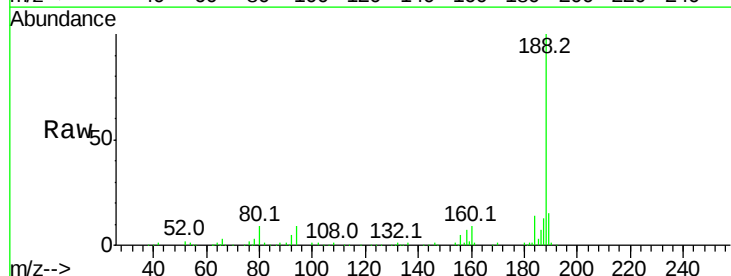
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF100964.D
 Acq: 29 Nov 2017 5:45

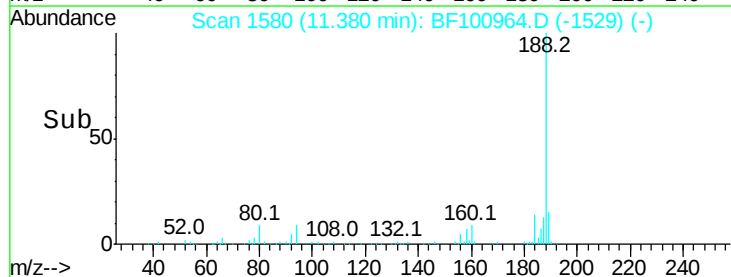
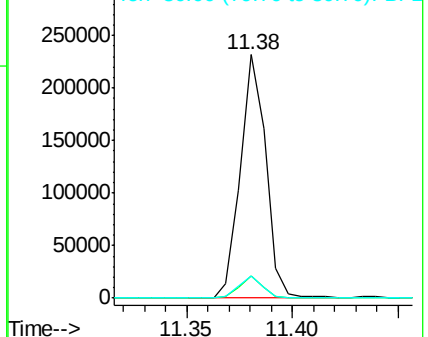
Tgt Ion:	188	Resp:	194020
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8

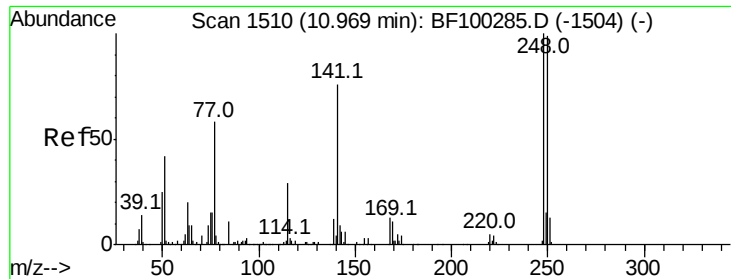


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

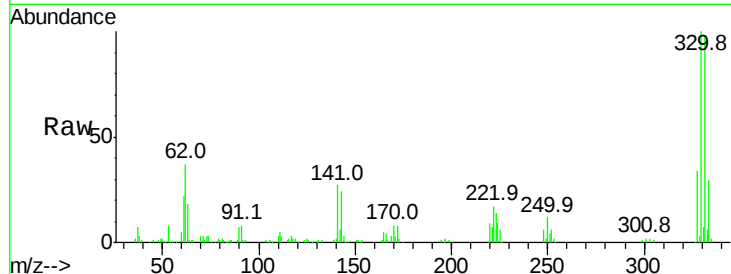




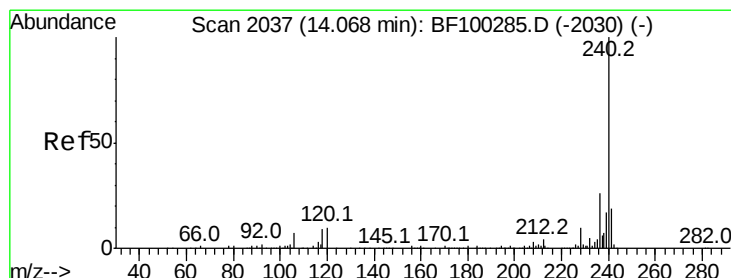
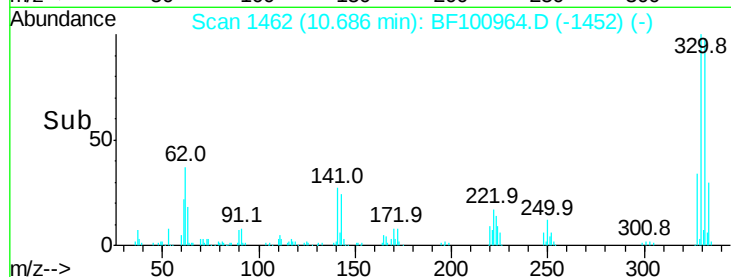
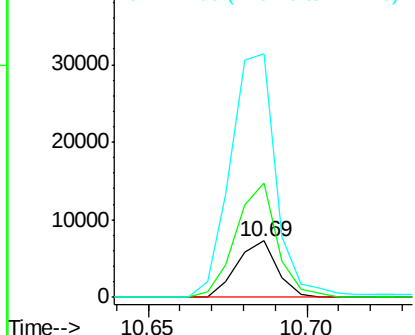
#66
4-Bromophenyl-phenylether
Concen: 3.037 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100964.D
Acq: 29 Nov 2017 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6316
Ion Ratio Lower Upper
248 100
250 203.2 76.9 115.3#
141 432.4 74.4 111.6#

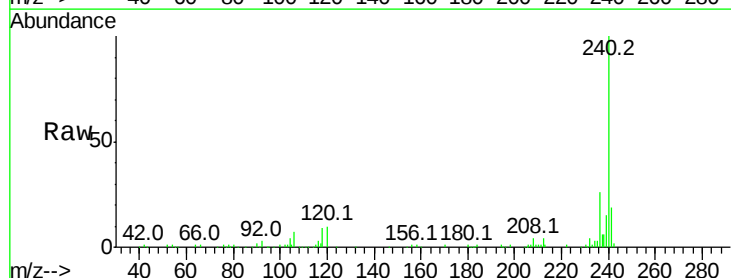


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

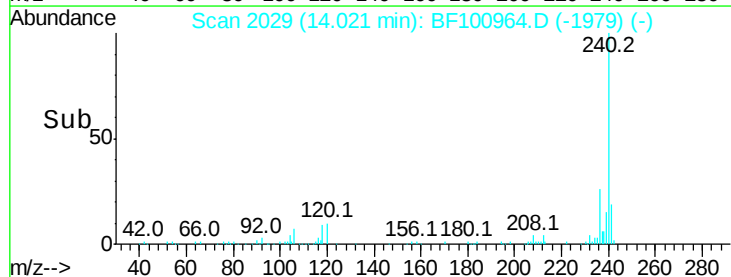
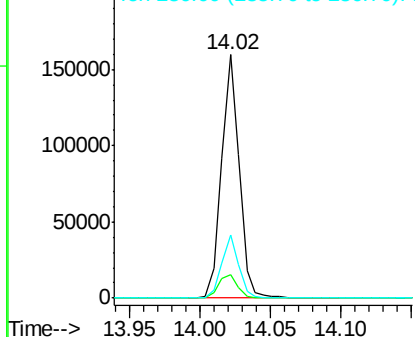


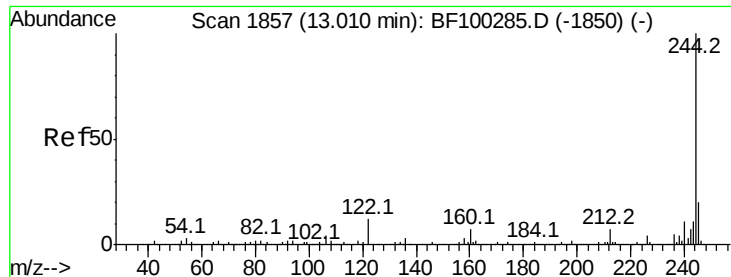
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100964.D
Acq: 29 Nov 2017 5:45

Tgt Ion:240 Resp: 139722
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 26.0 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

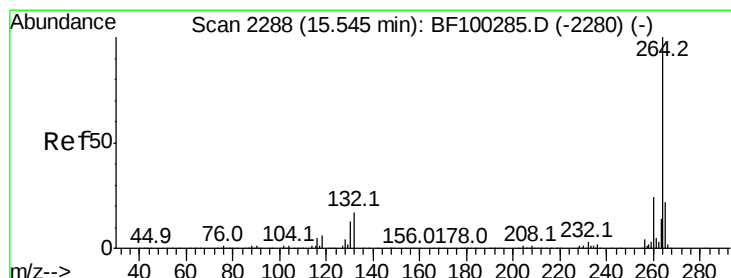
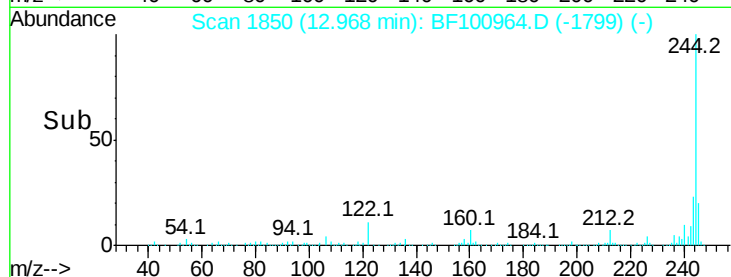
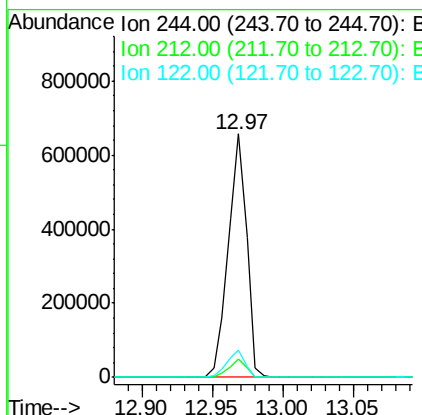
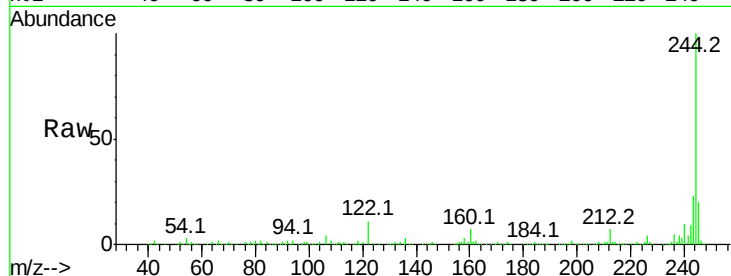




#78
 Terphenyl-d14
 Concen: 98.388 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100964.D
 Acq: 29 Nov 2017 5:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 598292
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF100964.D
 Acq: 29 Nov 2017 5:45

Tgt Ion:264 Resp: 124264
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.1 17.5 26.3

