

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100371.D
 Acq On : 10 Nov 2017 6:04
 Operator : SJ/JU
 Sample : I6346-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 06:42:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180543	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	711449	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	314472	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	519129	20.00	ng	0.00
75) Chrysene-d12	14.06	240	340777	20.00	ng	0.00
86) Perylene-d12	15.54	264	355329	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1052061	93.41	ng	0.01
7) Phenol-d6	6.53	99	1306377	94.06	ng	0.00
23) Nitrobenzene-d5	7.46	82	811258	75.39	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	293341	91.54	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1378795	66.76	ng	0.00
78) Terphenyl-d14	13.01	244	944307	63.67	ng	0.00

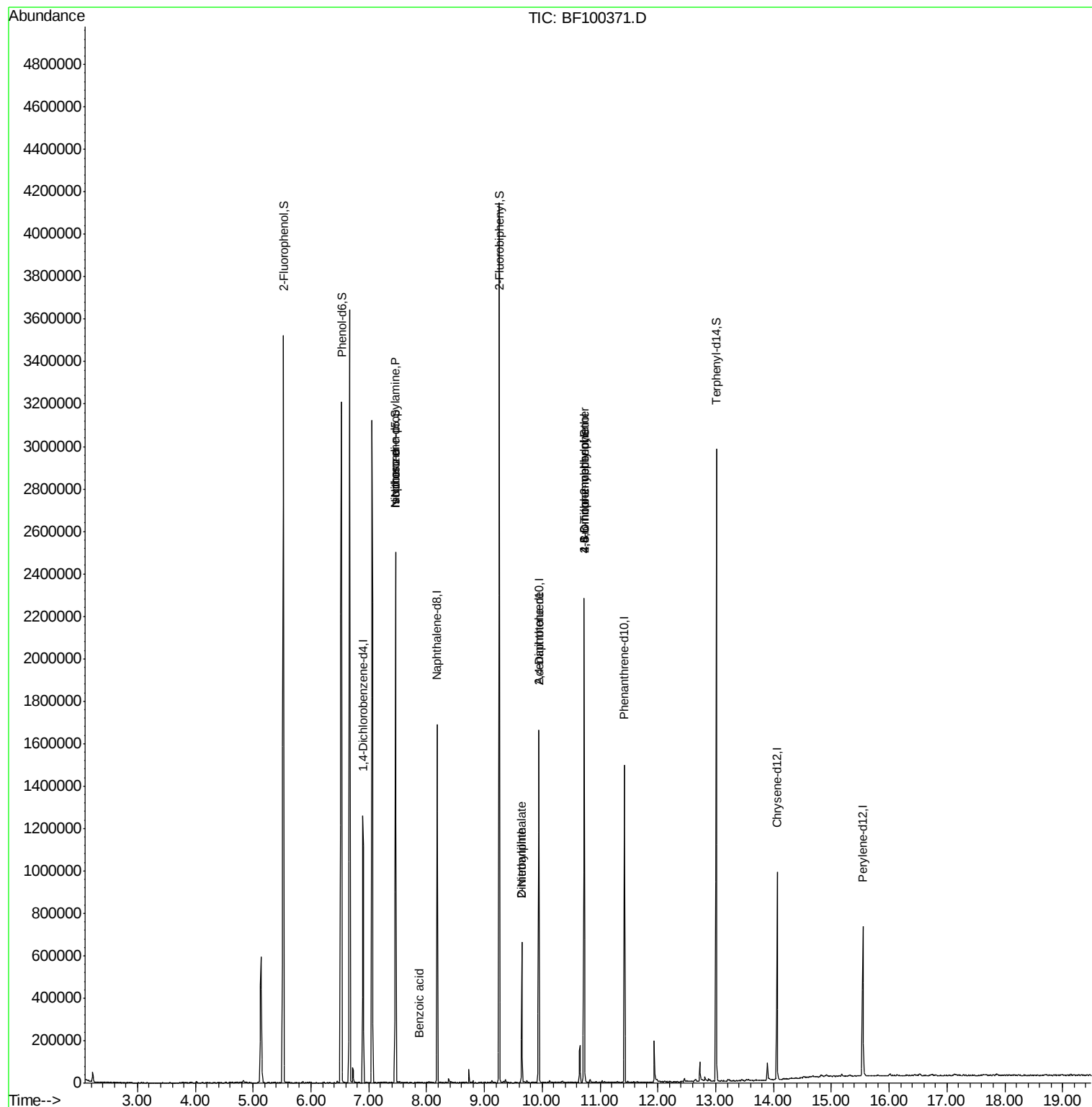
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	105908	10.996	ng	# 81
25) Isophorone	7.46	82	811049	35.866	ng	# 64
32) Benzoic acid	7.87	122	110	9.382	ng	# 1
47) 2-Nitroaniline	9.65	65	2515	3.190	ng	# 1
49) Dimethylphthalate	9.65	163	277147	11.543	ng	98
56) 2,4-Dinitrotoluene	9.94	165	39302	6.555	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	549	8.742	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	18669	3.355	ng	# 1

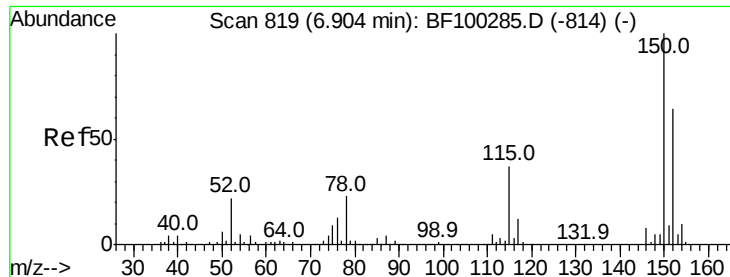
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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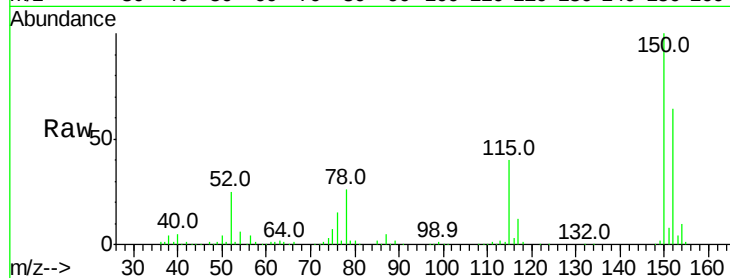


#1

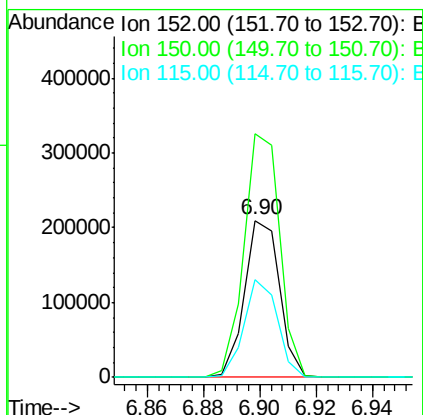
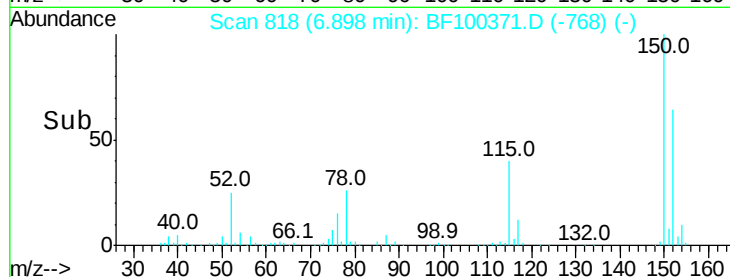
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100371.D
 Acq: 10 Nov 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 180543
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 62.3 50.1 75.1



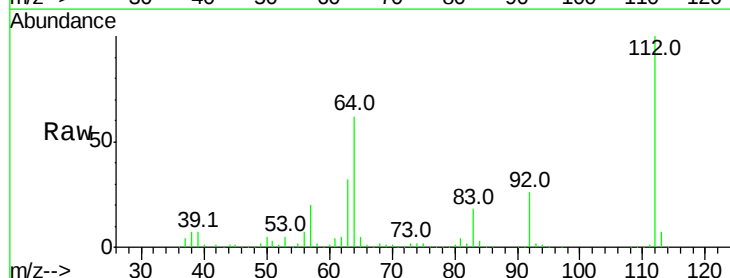
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



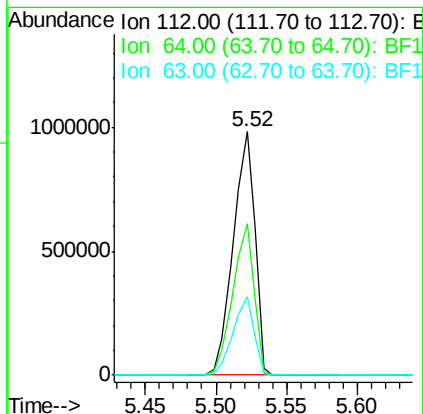
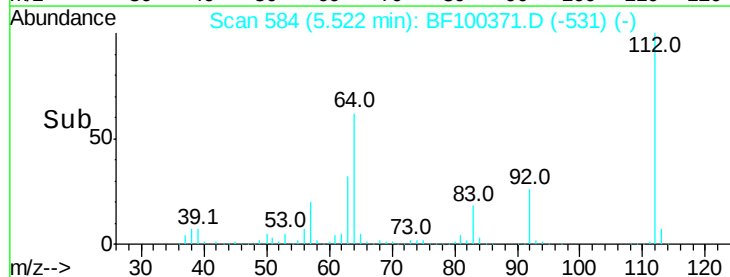
#5

2-Fluorophenol
 Concen: 93.409 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100371.D
 Acq: 10 Nov 2017 6:04

Tgt Ion:112 Resp: 1052061
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.9 71.9
 63 32.4 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: 94.061 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

Instrument :

BNA_F

ClientSampled :

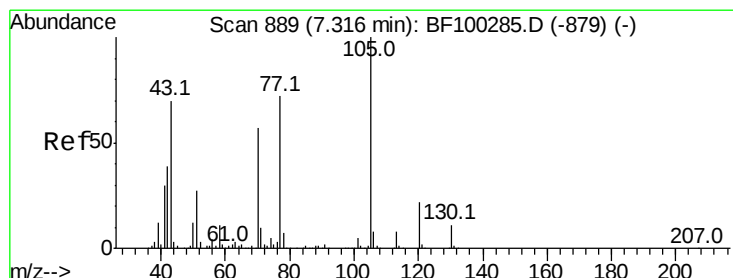
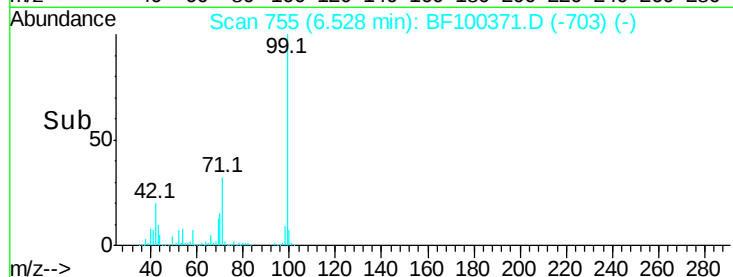
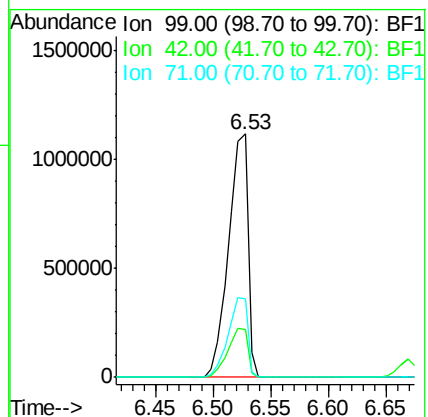
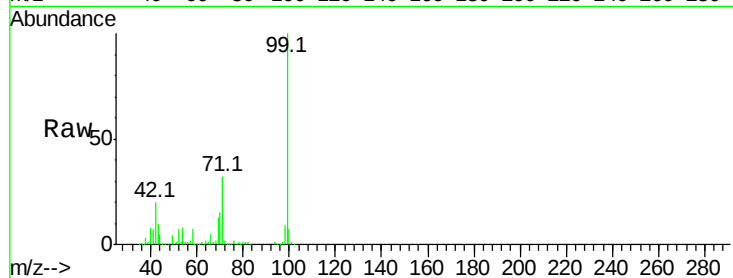
Tot Ion: 99 Resp: 1306377

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.996 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

Tgt Ion: 70 Resp: 105908

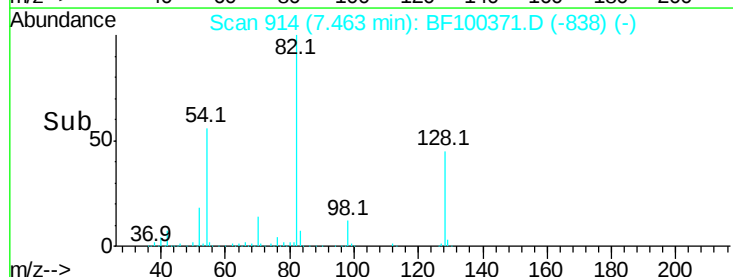
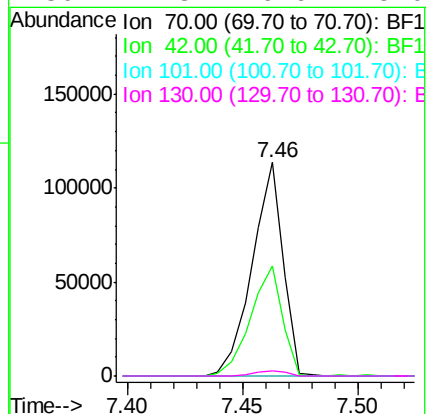
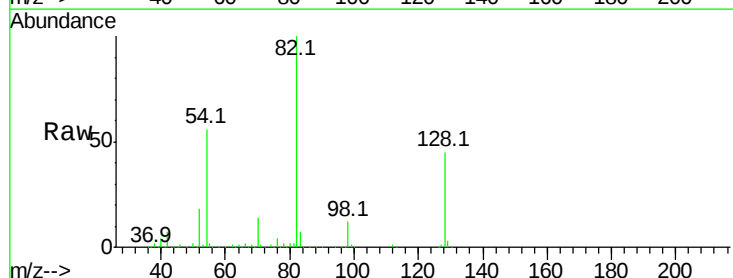
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

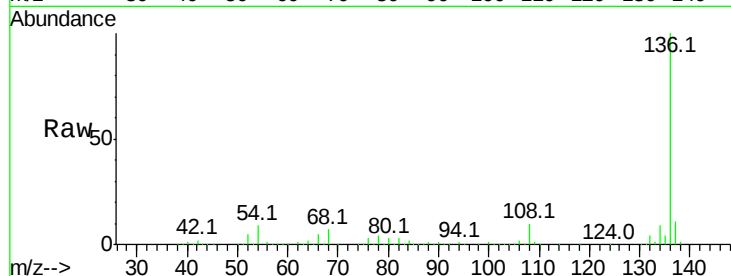




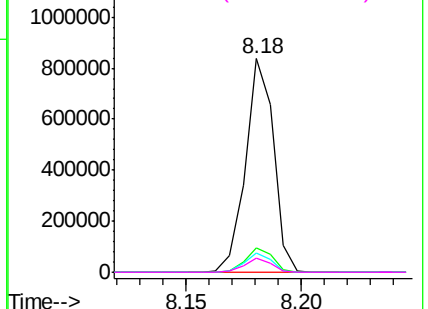
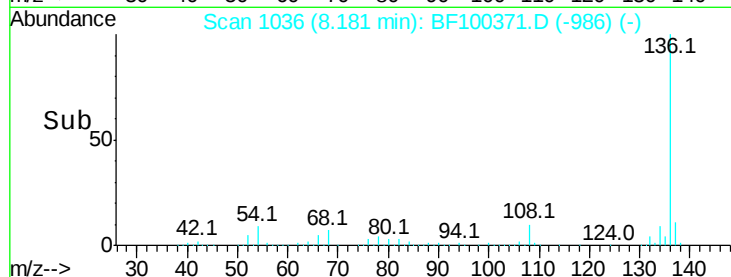
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	711449
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 8.9	6.6	9.8
68 6.7	5.0	7.4

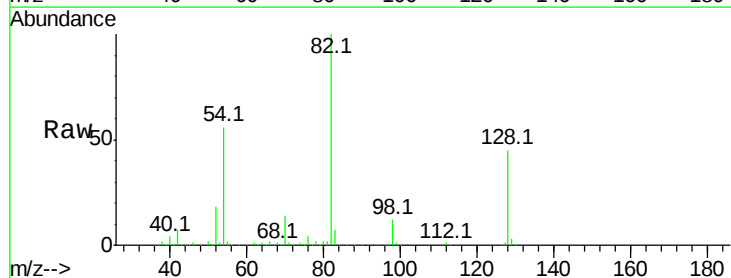


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

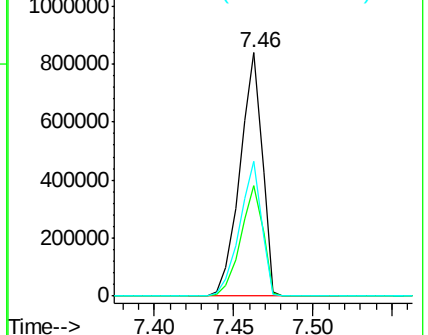
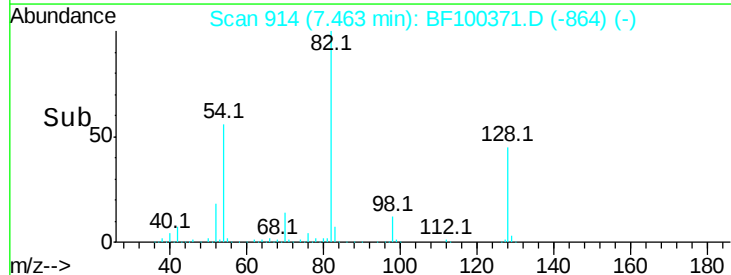


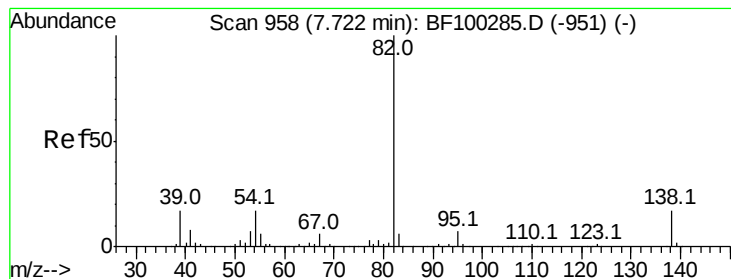
#23
Nitrobenzene-d5
Concen: 75.388 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

Tgt Ion: 82	Resp: 811258
Ion Ratio	Lower Upper
82 100	
128 45.2	36.1 54.1
54 55.6	41.4 62.2



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





#25

Isophorone

Concen: 35.866 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

Instrument :

BNA_F

ClientSampleId :

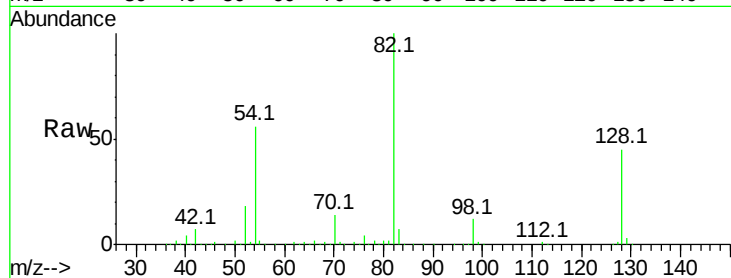
Tot Ion: 82 Resp: 811049

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

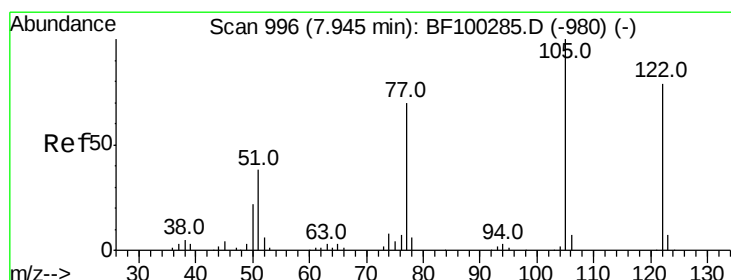
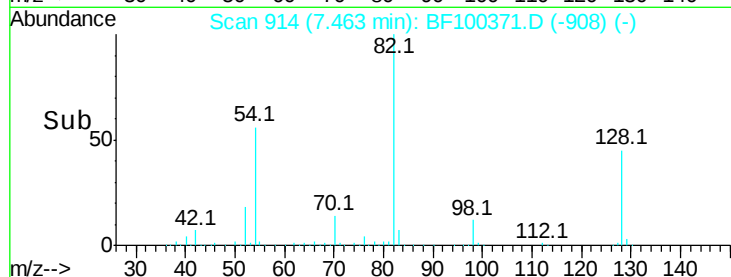
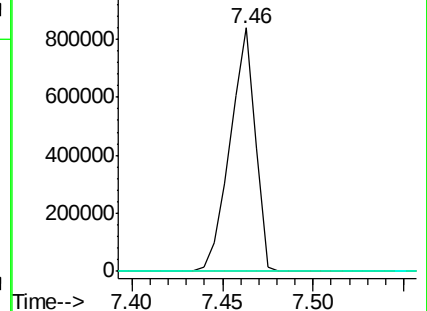
138 0.0 14.9 22.3#



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: 9.382 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.08 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

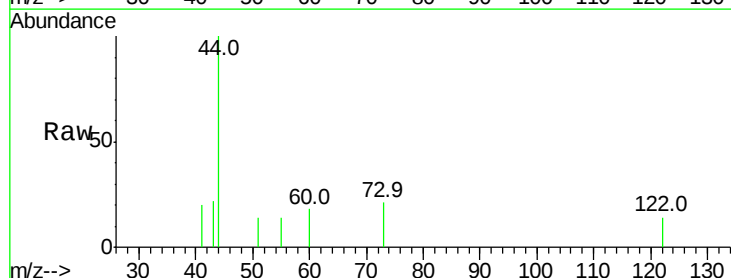
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

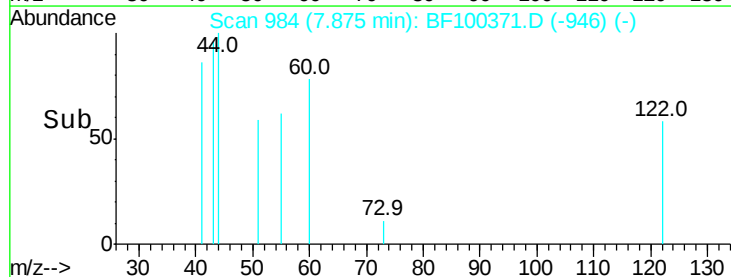
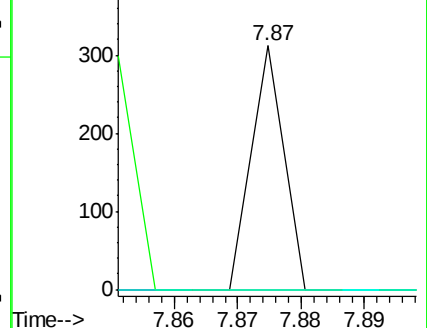
77 0.0 70.7 110.7#

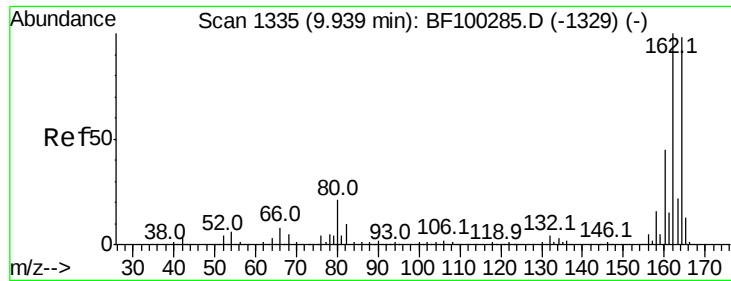


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

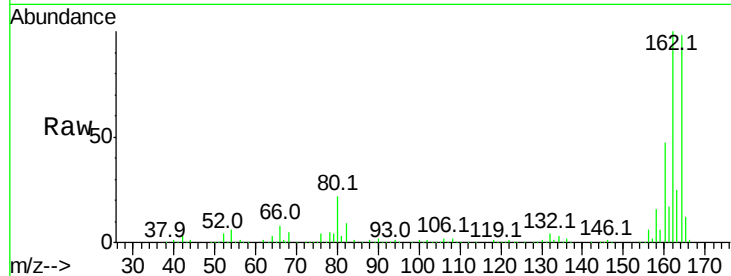




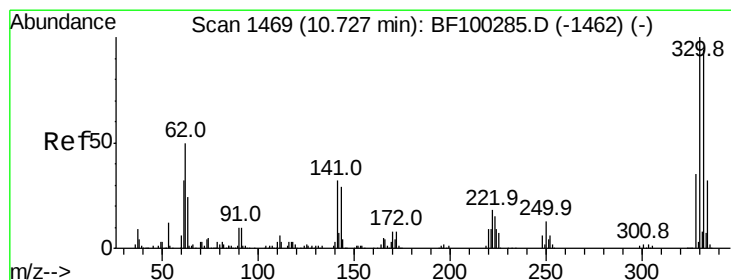
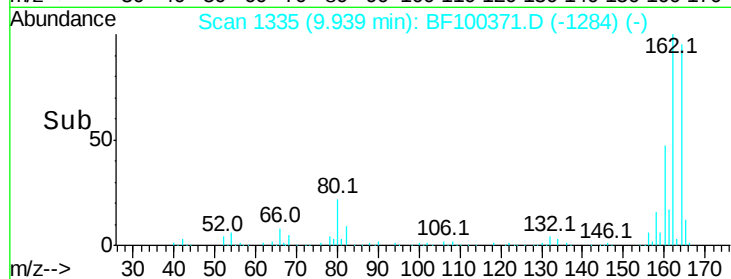
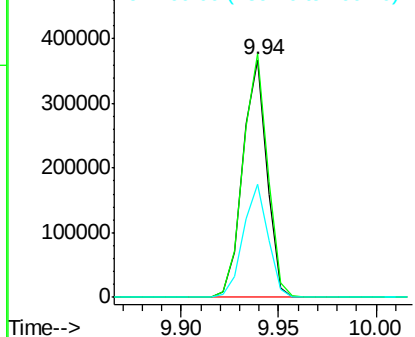
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 314472
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 47.8 38.3 57.5

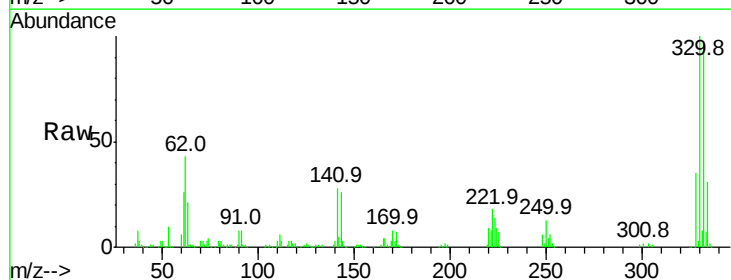


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

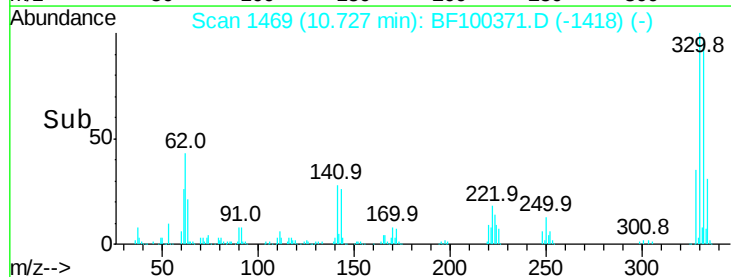
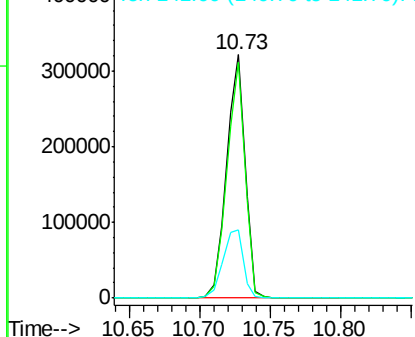


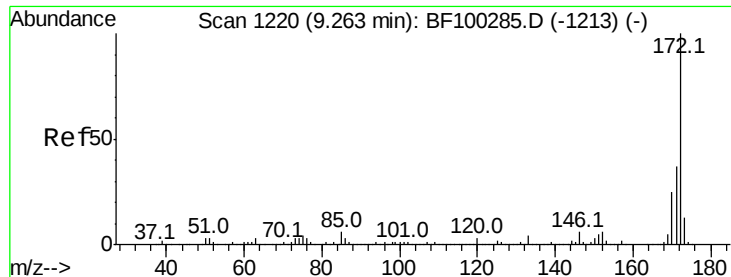
#41
2,4,6-Tribromophenol
Concen: 91.541 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

Tgt Ion:330 Resp: 293341
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 30.7 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

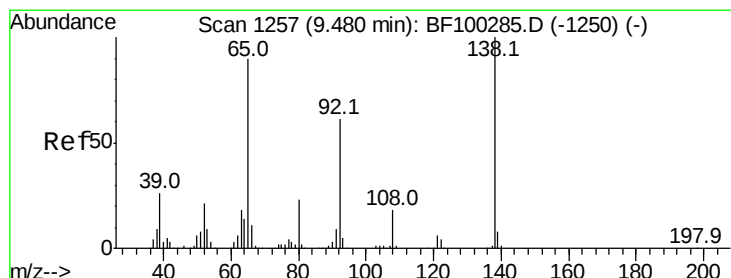
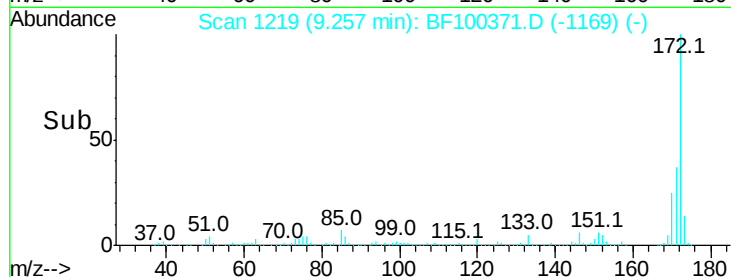
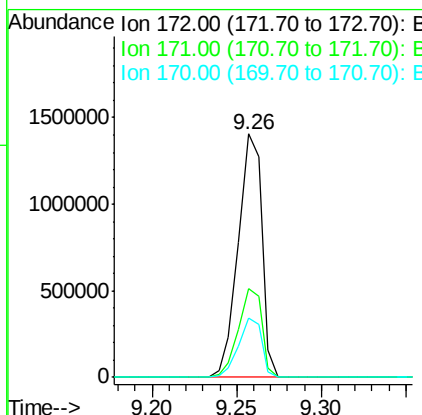
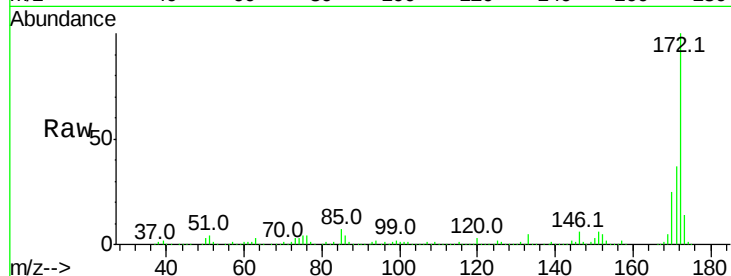




#44
2-Fluorobiphenyl
Concen: 66.763 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

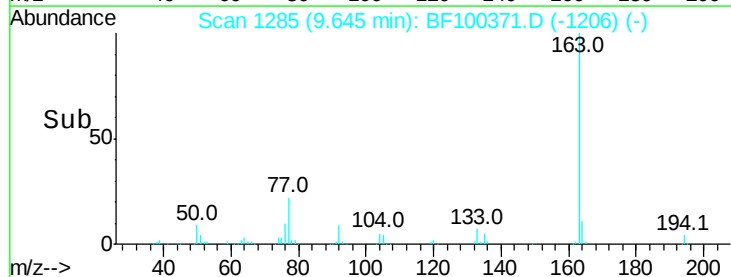
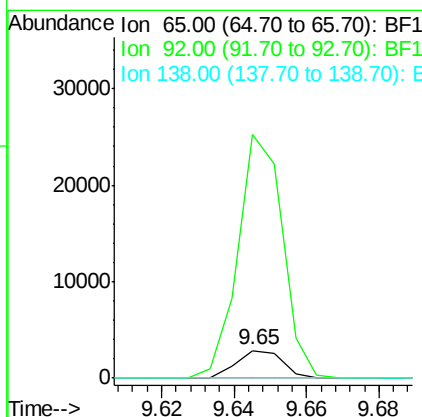
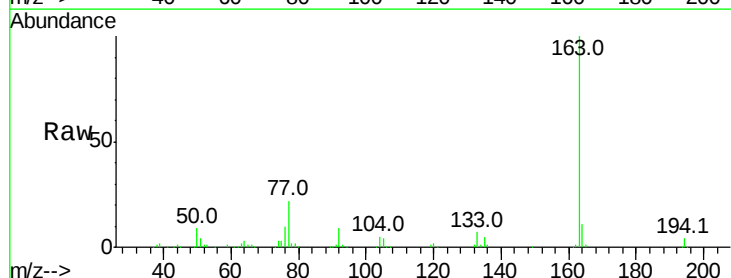
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BNA_F
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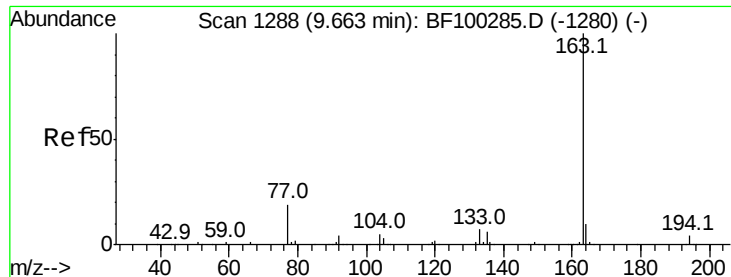
Tot Ion:172 Resp: 1378795
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.5 19.6 29.4



#47
2-Nitroaniline
Concen: 3.190 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

Tgt Ion: 65 Resp: 2515
Ion Ratio Lower Upper
65 100
92 888.4 55.8 83.6#
138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 11.543 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

Instrument :

BNA_F

ClientSampleId :

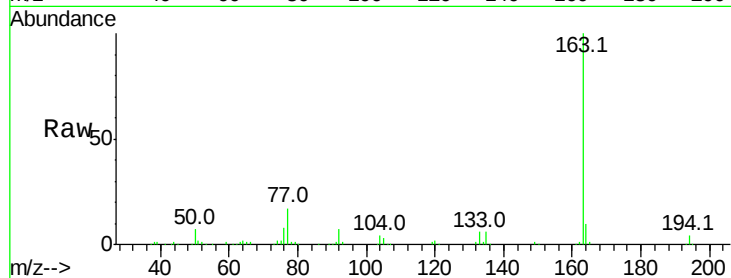
Tot Ion:163 Resp: 277147

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

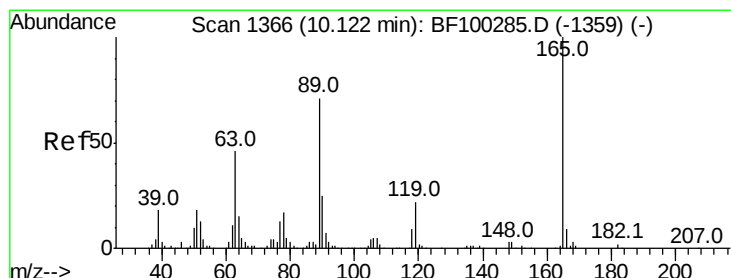
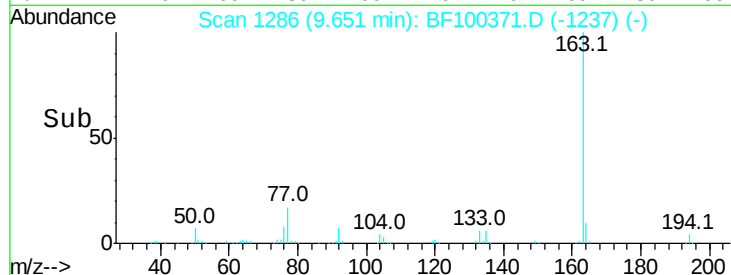
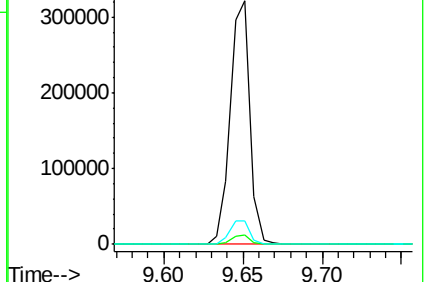
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.555 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.18 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

Tgt Ion:165 Resp: 39302

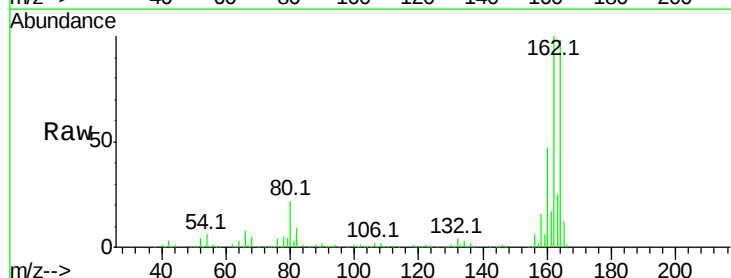
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

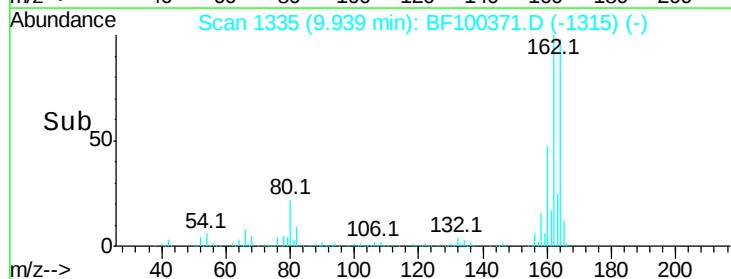
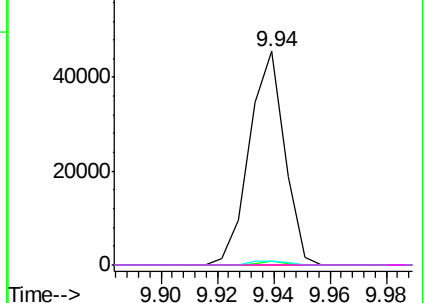


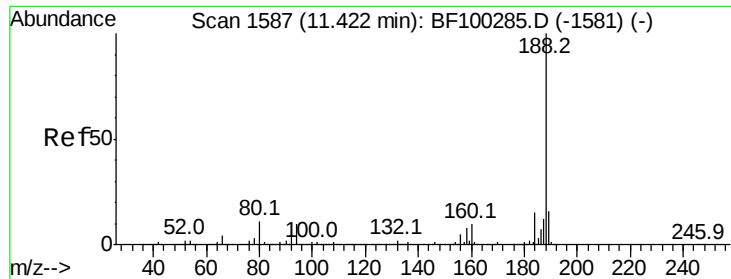
Abundance Ion 165.00 (164.70 to 165.70): E

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

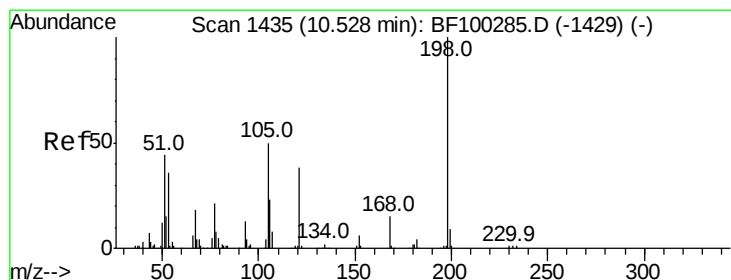
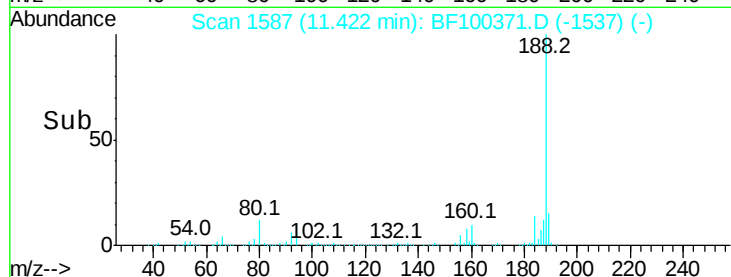
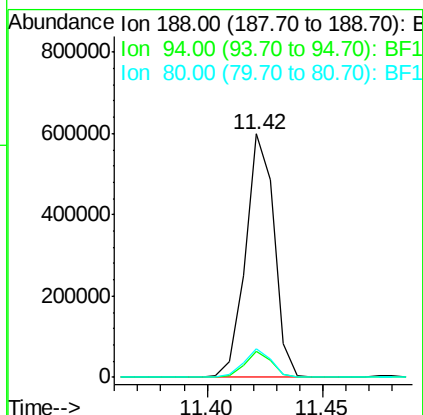
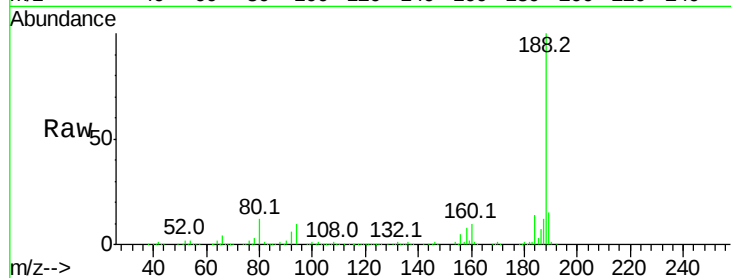




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

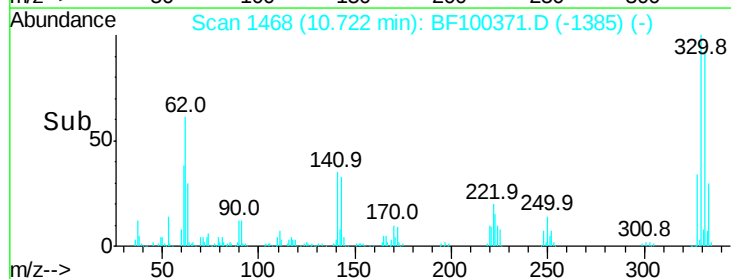
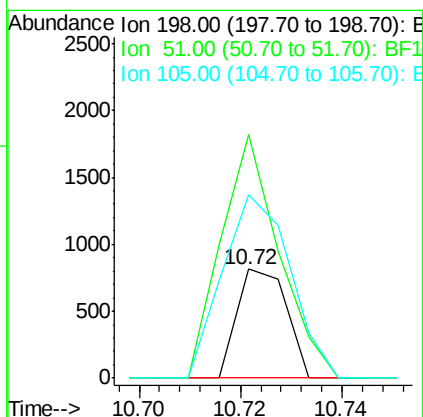
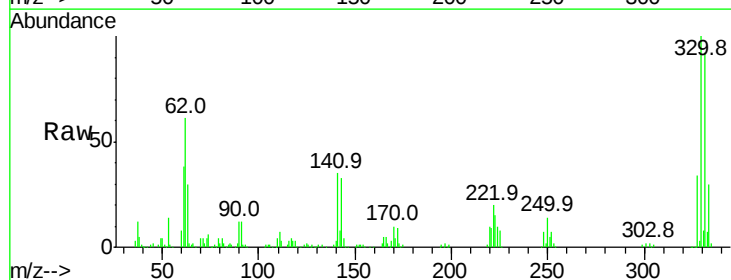
Instrument :
BNA_F
ClientSampleId :

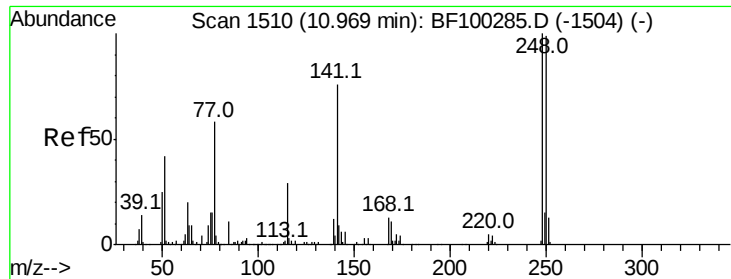
Tot Ion:188 Resp: 519129
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.742 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100371.D
Acq: 10 Nov 2017 6:04

Tgt Ion:198 Resp: 549
Ion Ratio Lower Upper
198 100
51 223.2 37.7 77.7#
105 168.0 36.3 76.3#

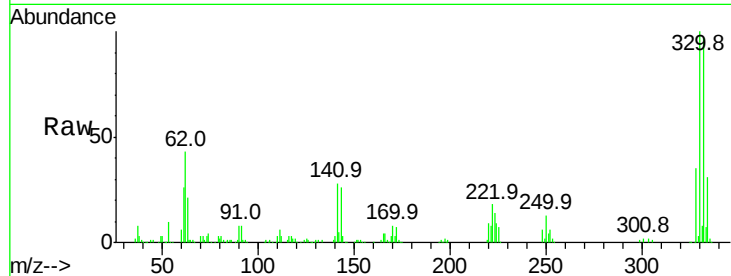




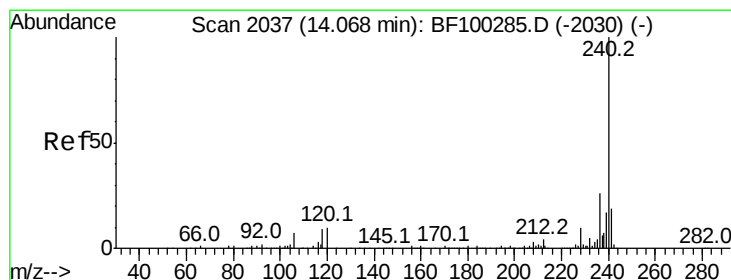
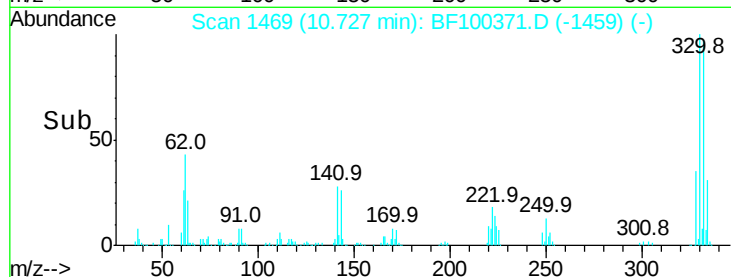
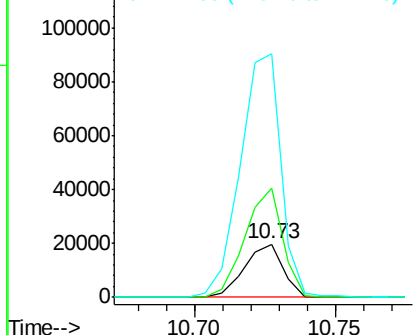
#66
 4-Bromophenyl-phenylether
 Concen: 3.355 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100371.D
 Acq: 10 Nov 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 18669
 Ion Ratio Lower Upper
 248 100
 250 205.2 76.9 115.3#
 141 459.6 74.4 111.6#

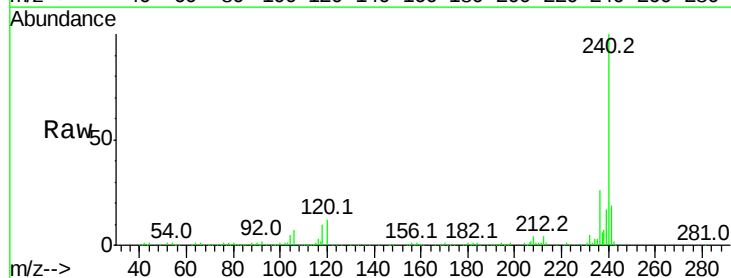


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

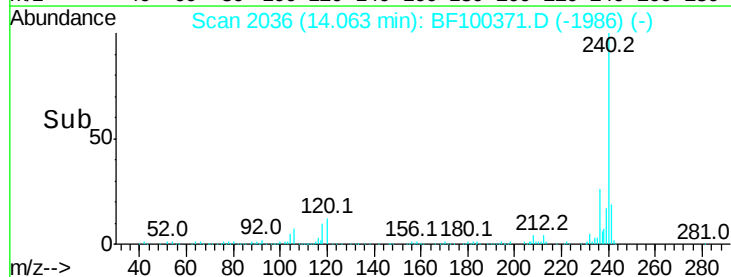
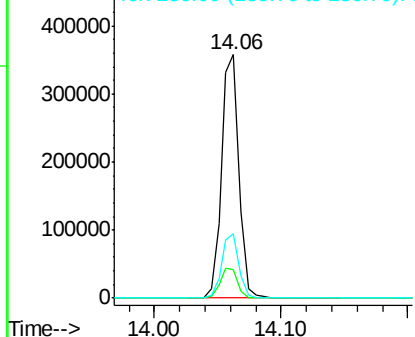


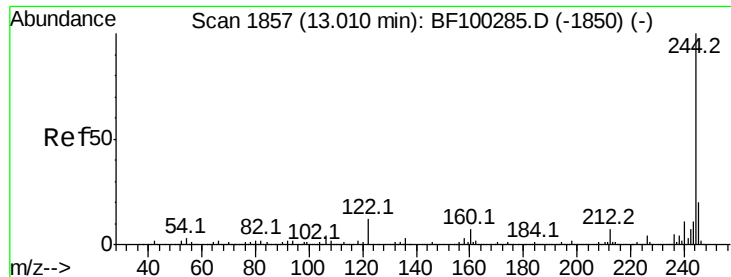
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100371.D
 Acq: 10 Nov 2017 6:04

Tgt Ion:240 Resp: 340777
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 26.5 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: 63.670 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

Instrument :

BNA_F

ClientSampled :

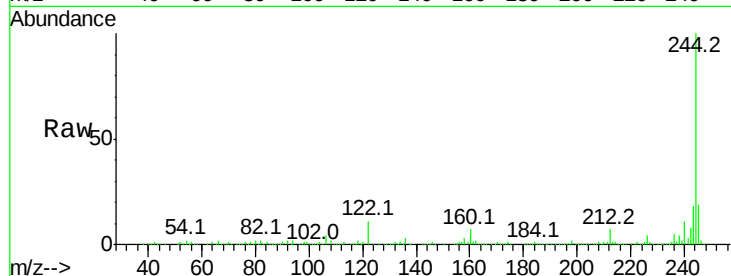
Tot Ion:244 Resp: 944307

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

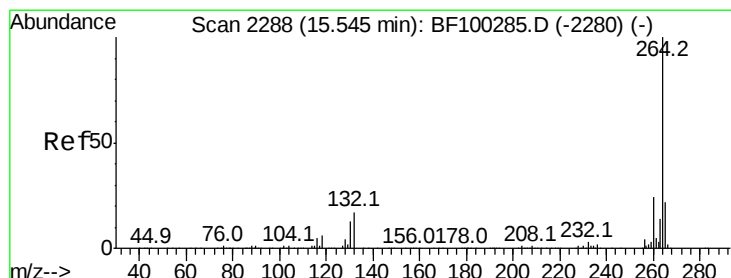
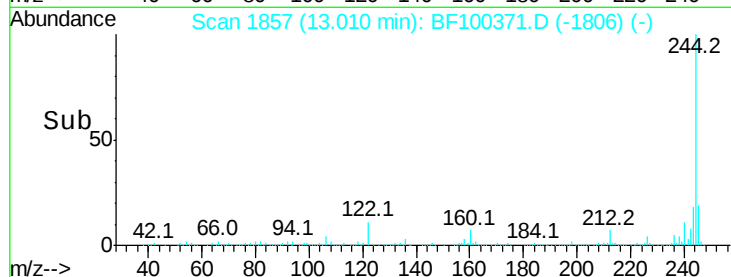
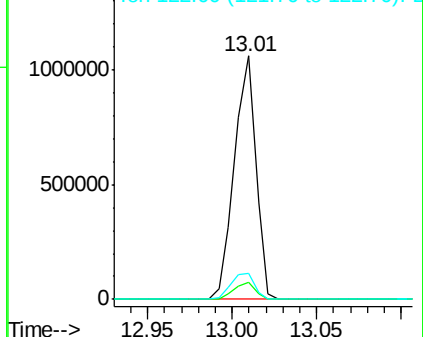
122 10.9 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100371.D

Acq: 10 Nov 2017 6:04

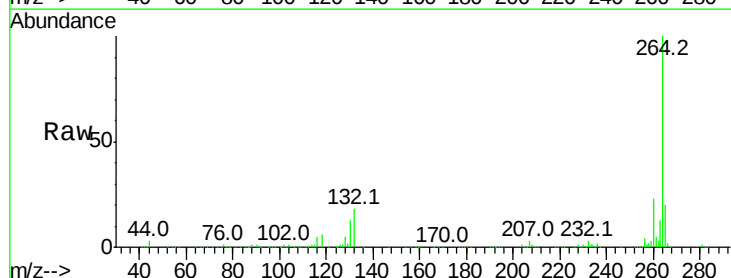
Tgt Ion:264 Resp: 355329

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.2 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

