

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100275.D
 Acq On : 7 Nov 2017 5:27
 Operator : SJ/JU
 Sample : I6336-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 06:01:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95602	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	396931	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	184878	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	330838	20.00	ng	0.00
75) Chrysene-d12	13.94	240	191199	20.00	ng	0.00
86) Perylene-d12	15.41	264	165577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	355795	58.43	ng	0.02
7) Phenol-d6	6.42	99	277697	38.46	ng	0.00
23) Nitrobenzene-d5	7.33	82	527451	85.55	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	183378	108.84	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1034867	86.36	ng	0.00
78) Terphenyl-d14	12.87	244	871599	99.62	ng	0.00

Target Compounds

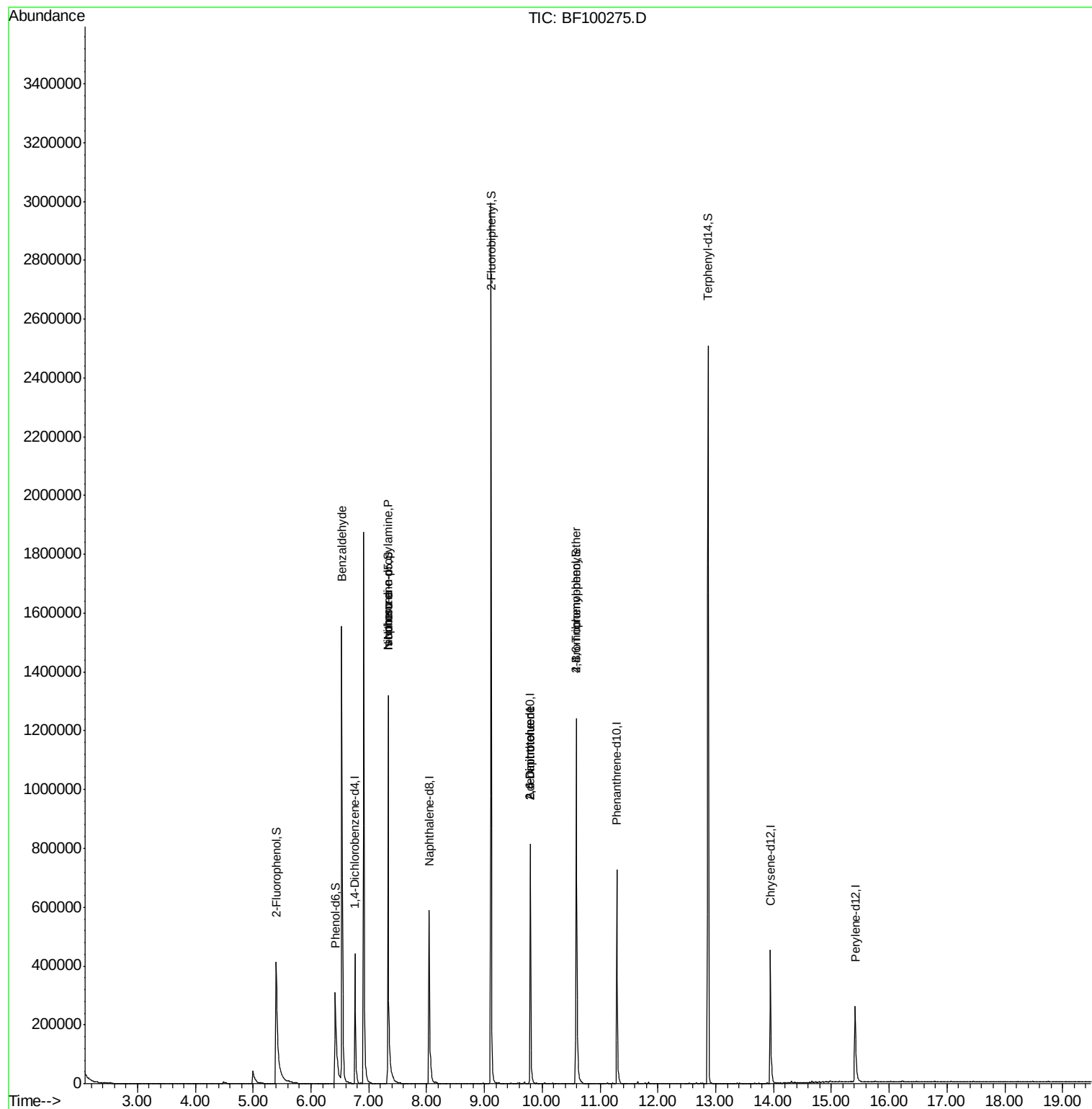
						Qvalue
9) Benzaldehyde	6.53	77	10509	2.436	ng	93
19) n-Nitroso-di-n-propylamine	7.33	70	64789	15.312	ng	# 71
25) Isophorone	7.33	82	527448	47.146	ng	# 64
50) 2,6-Dinitrotoluene	9.79	165	23476	7.627	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	23476	6.334	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	11462	3.291	ng	# 1

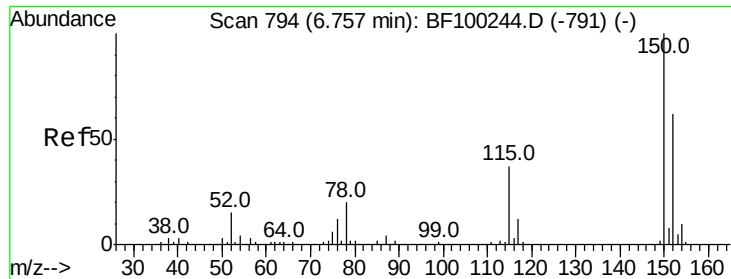
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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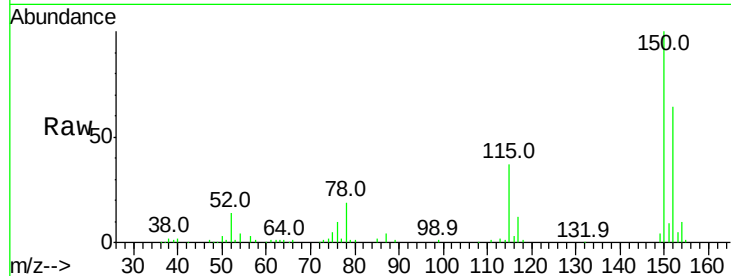


#1

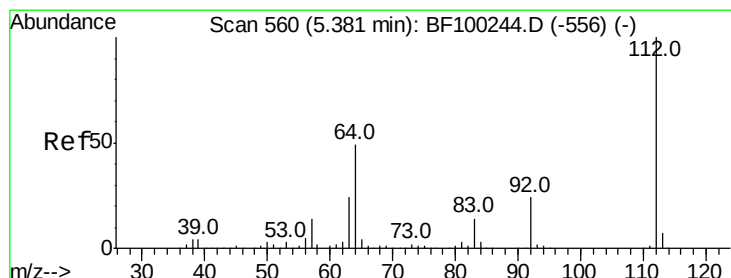
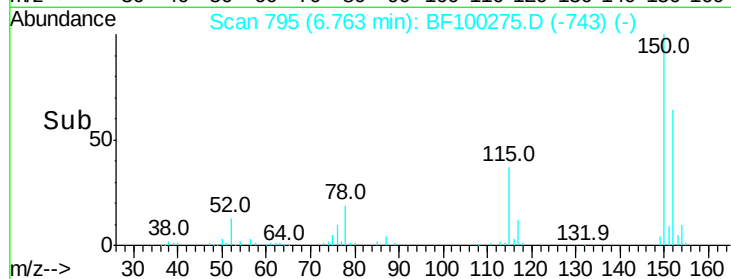
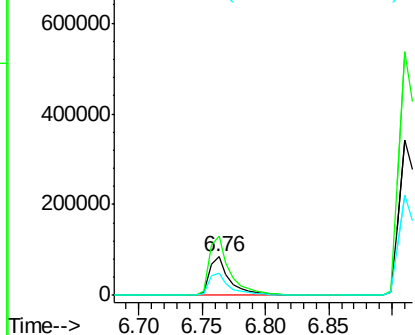
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95602
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 57.2 50.1 75.1



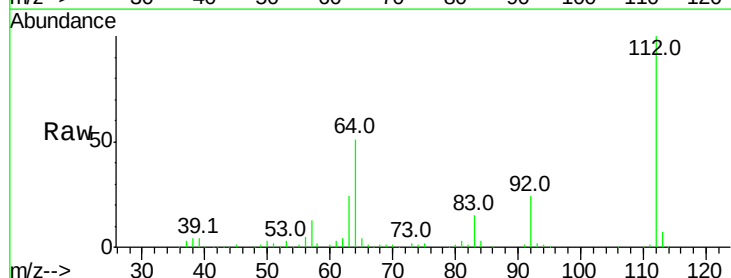
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



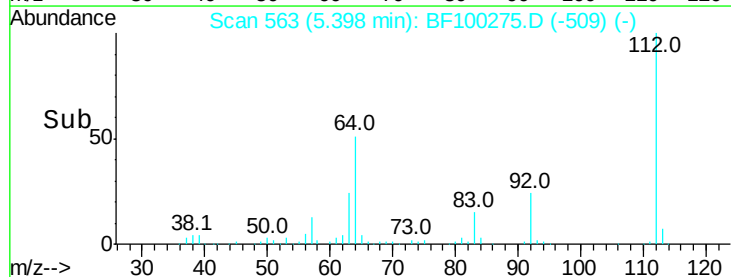
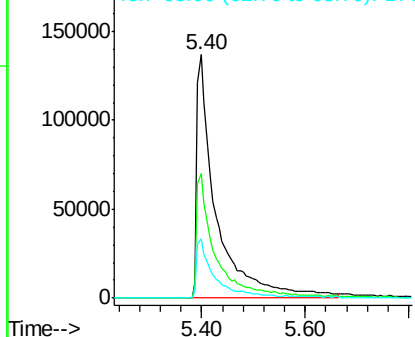
#5

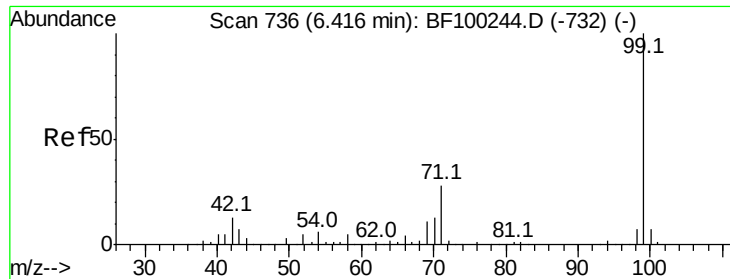
2-Fluorophenol
Concen: 58.428 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Tgt Ion:112 Resp: 355795
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 24.2 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: 38.460 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100275.D

Acq: 7 Nov 2017 5:27

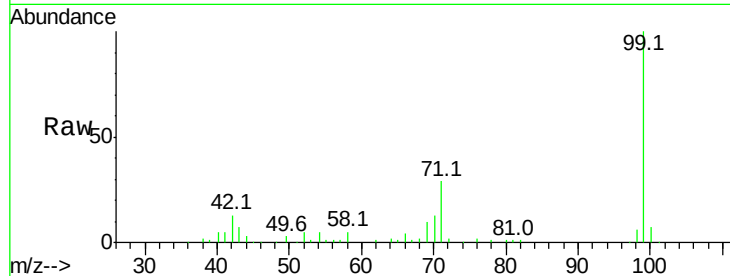
Instrument :

BNA_F

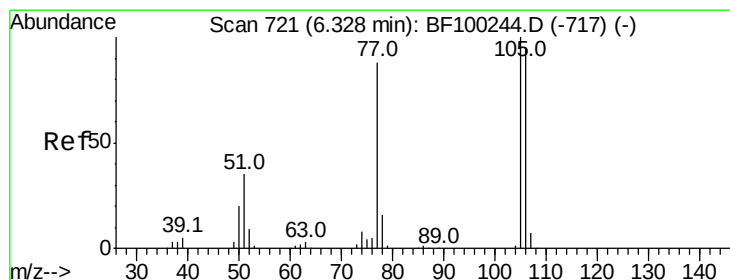
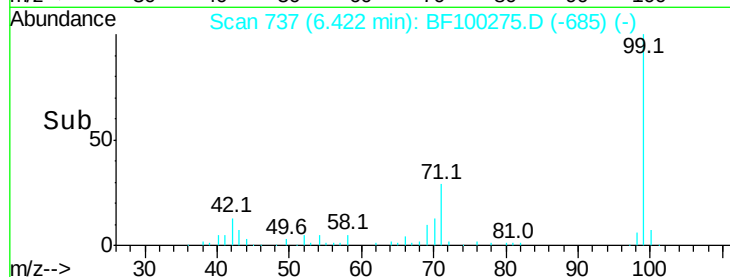
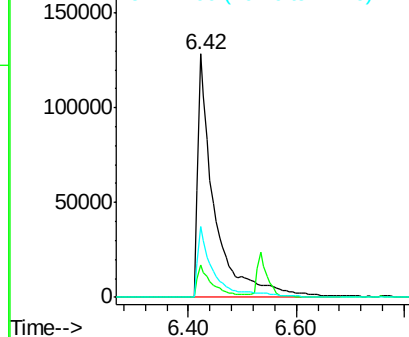
ClientSampleId :

Tot Ion: 99 Resp: 277697

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.5	21.7#
71	29.1	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.436 ng

RT: 6.53 min Scan# 756

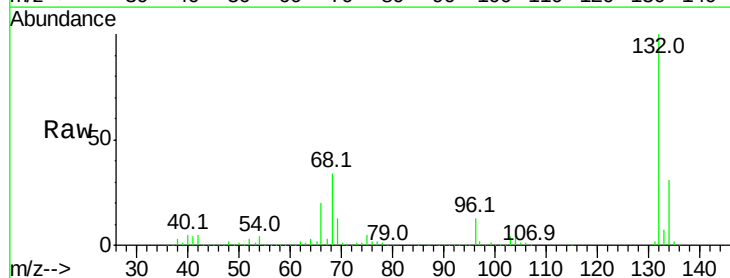
Delta R.T. 0.21 min

Lab File: BF100275.D

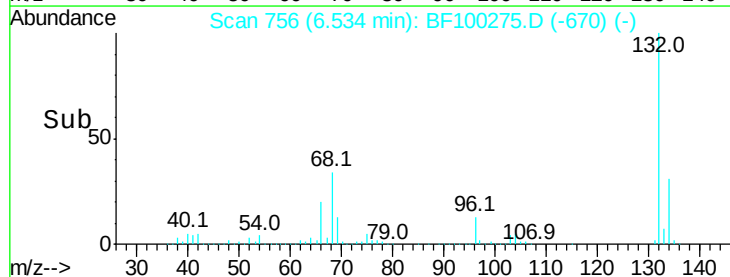
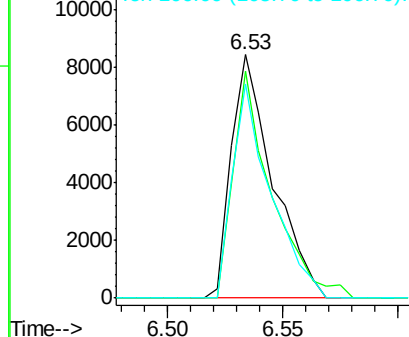
Acq: 7 Nov 2017 5:27

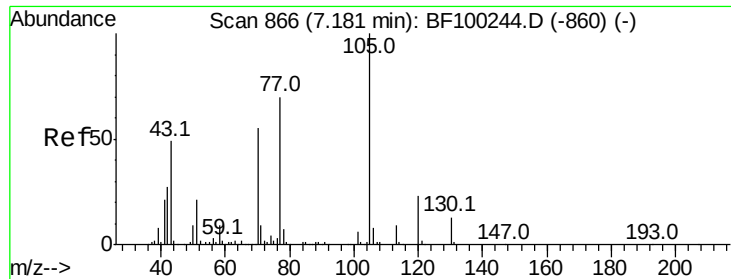
Tgt Ion: 77 Resp: 10509

Ion	Ratio	Lower	Upper
77	100		
105	93.2	81.1	121.1
106	87.8	74.5	114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

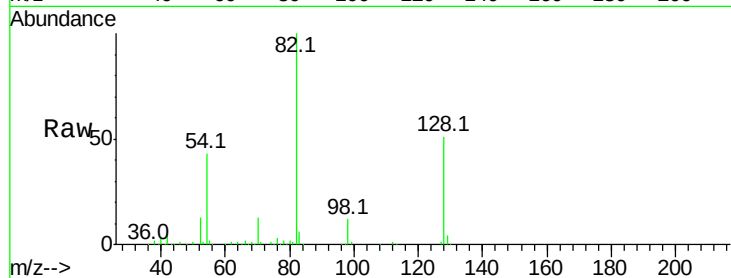




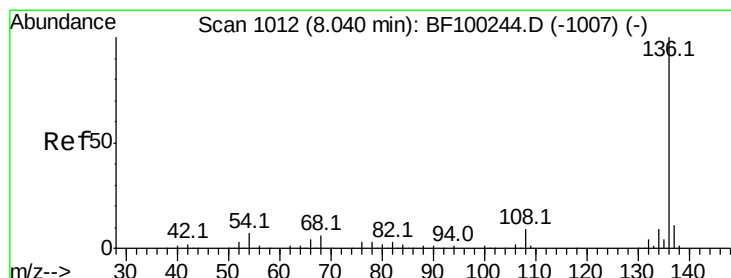
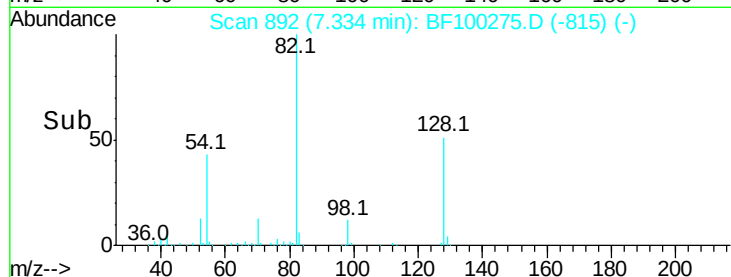
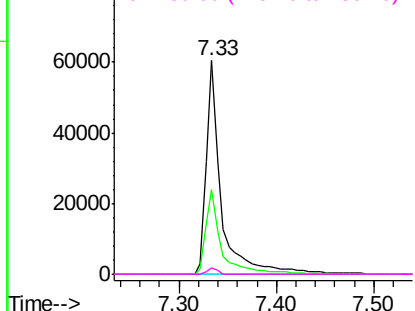
#19
n-Nitroso-di-n-propylamine
Concen: 15.312 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 64789
Ion Ratio Lower Upper
70 100
42 39.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#

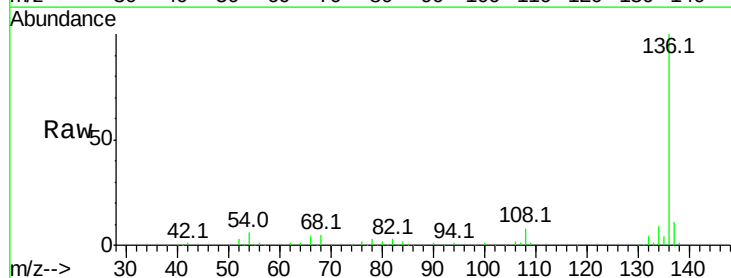


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

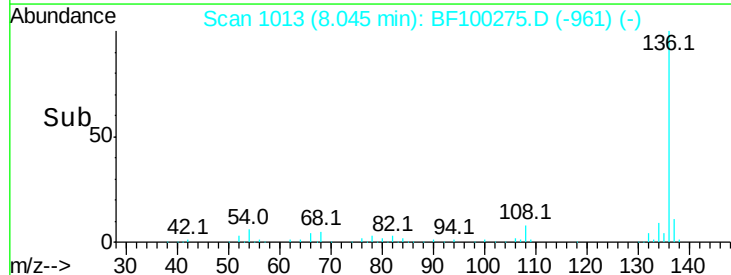
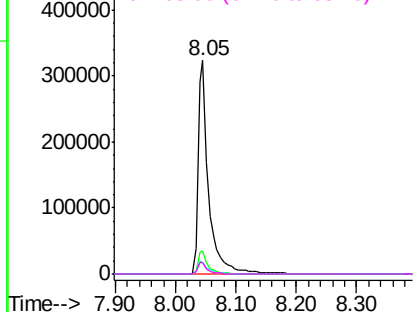


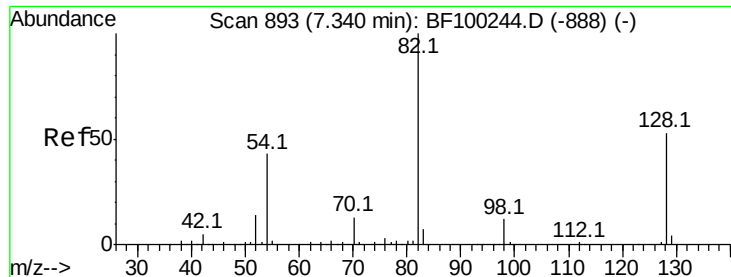
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Tgt Ion: 136 Resp: 396931
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 5.7 6.6 9.8#
68 5.2 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

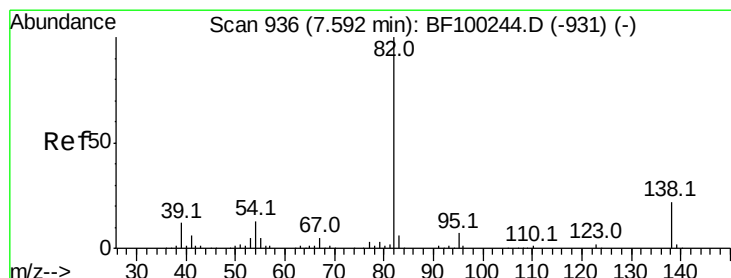
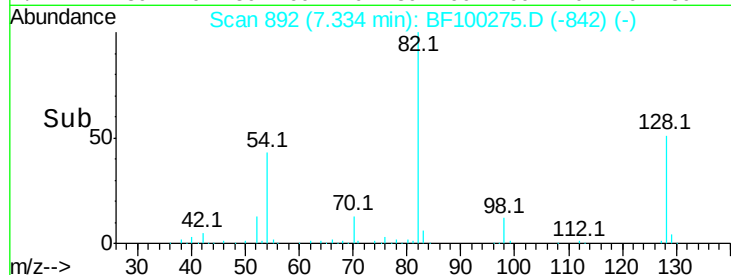
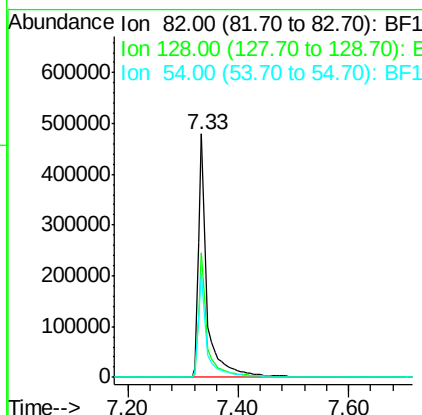
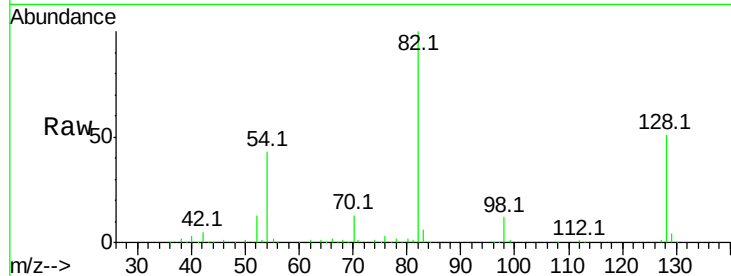




#23
 Nitrobenzene-d5
 Concen: 85.550 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

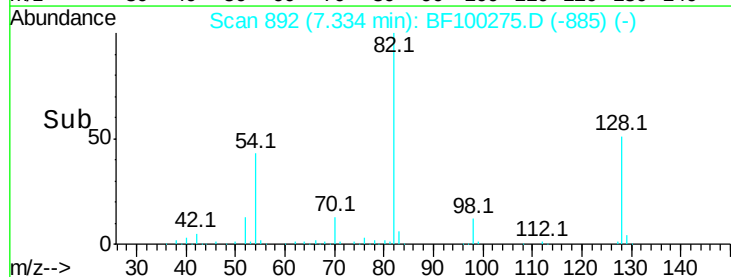
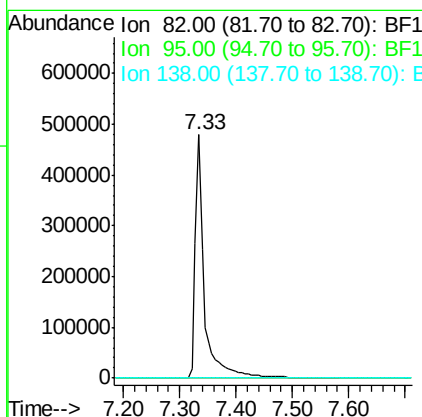
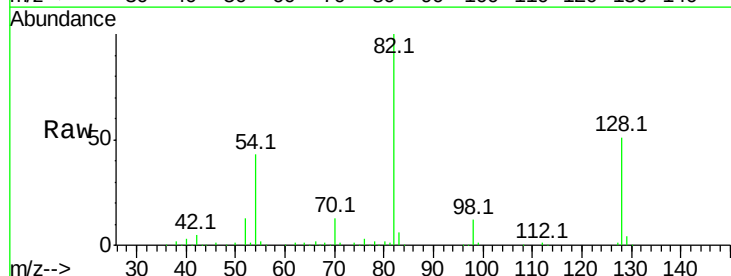
Instrument :
 BNA_F
 ClientSampleId :

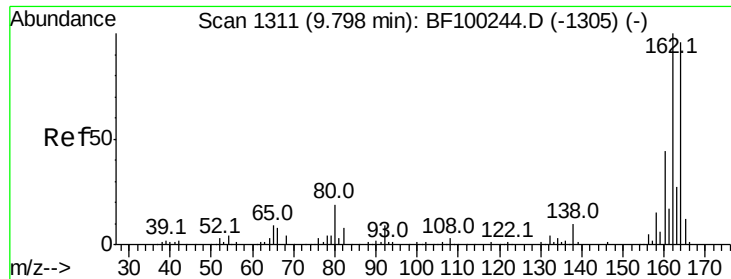
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.0	36.1	54.1
54	42.5	41.4	62.2



#25
 Isophorone
 Concen: 47.146 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

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

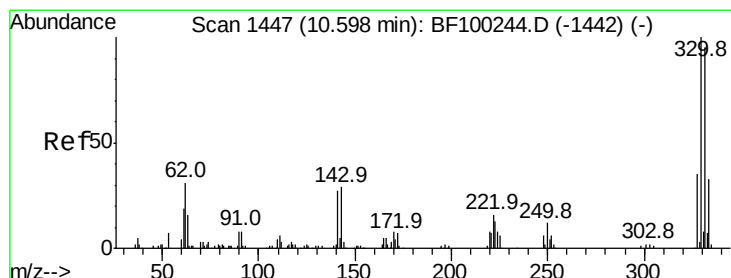
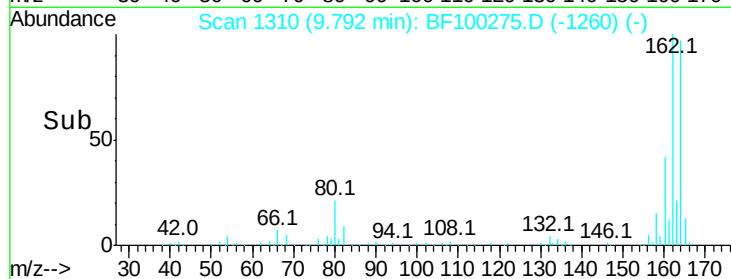
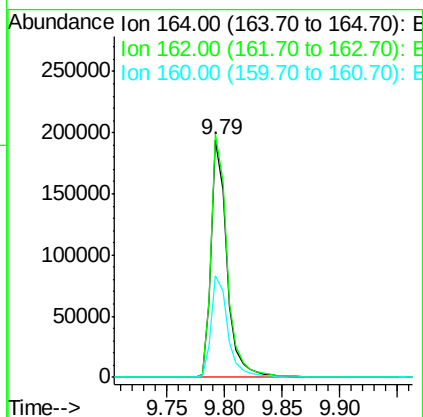
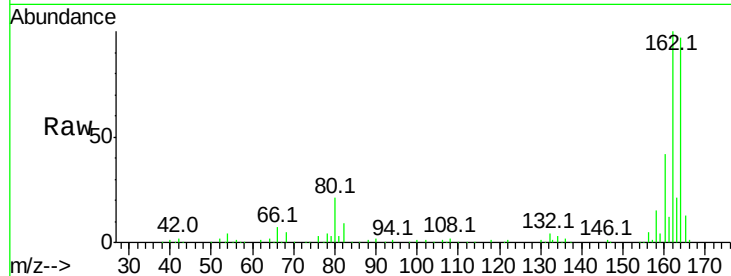




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

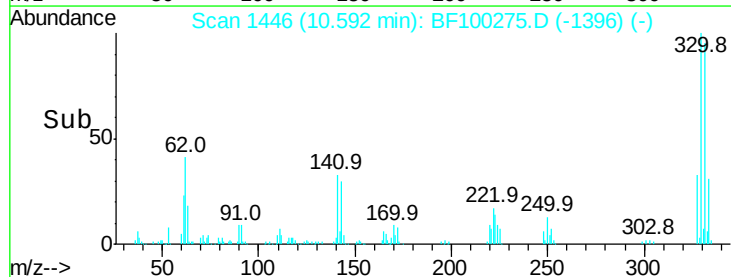
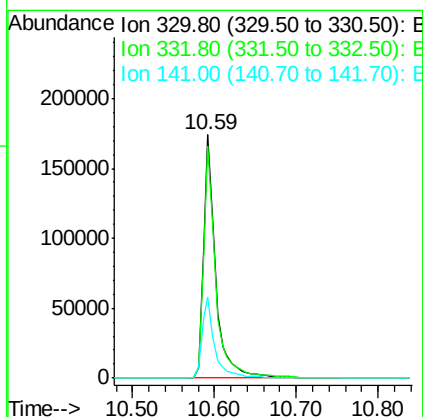
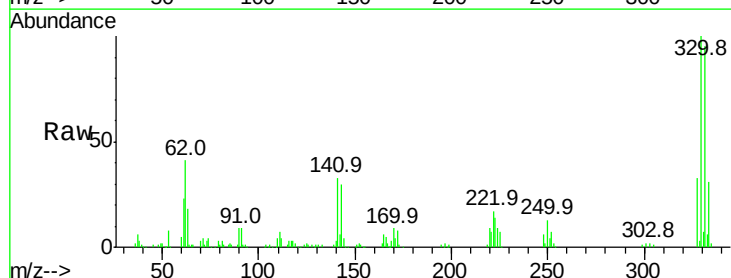
Instrument :
 BNA_F
 ClientSampleId :

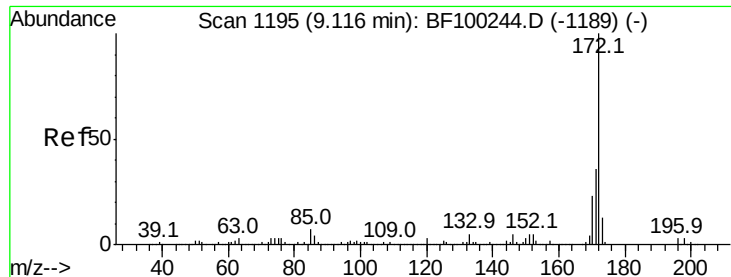
Tot Ion:164 Resp: 184878
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 43.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 108.841 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Tgt Ion:330 Resp: 183378
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 34.6 29.9 44.9

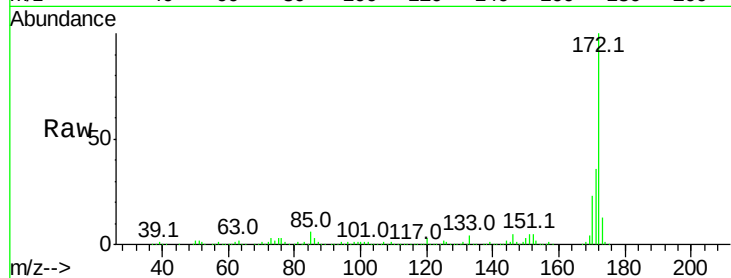




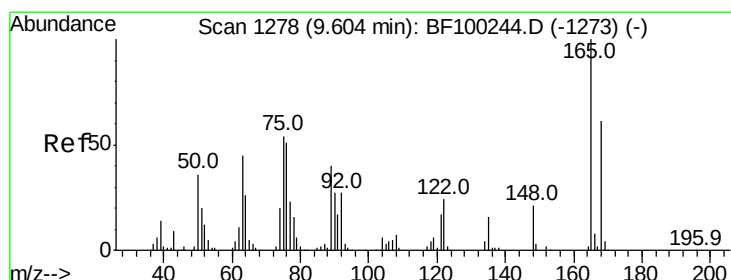
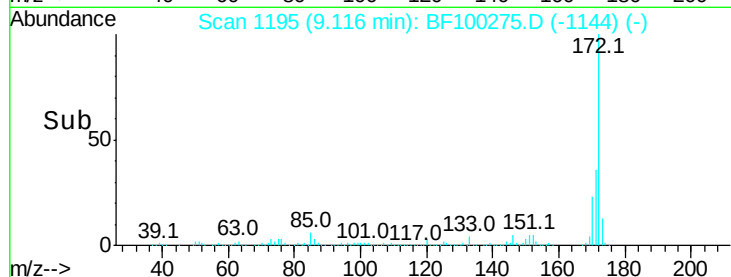
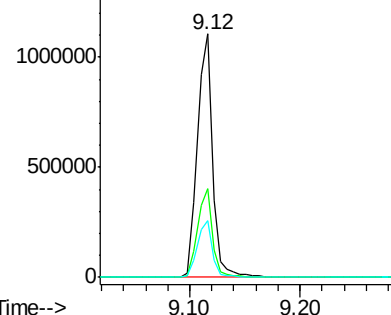
#44
2-Fluorobiphenyl
Concen: 86.361 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1034867
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.4 19.6 29.4

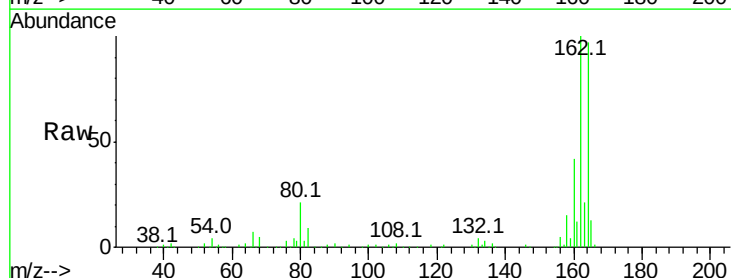


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

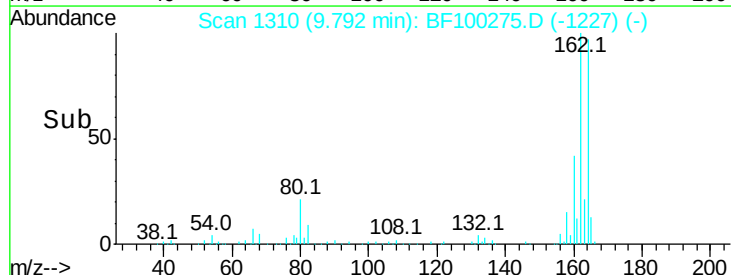
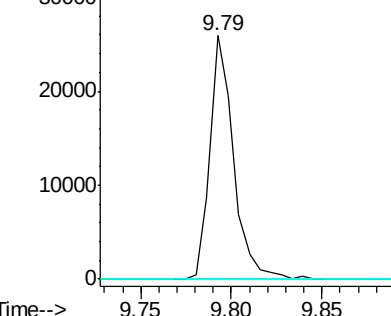


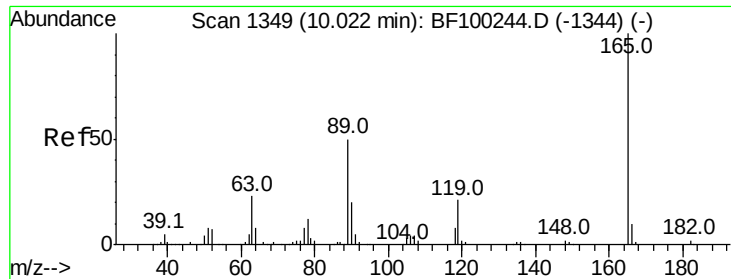
#50
2,6-Dinitrotoluene
Concen: 7.627 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Tgt Ion:165 Resp: 23476
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

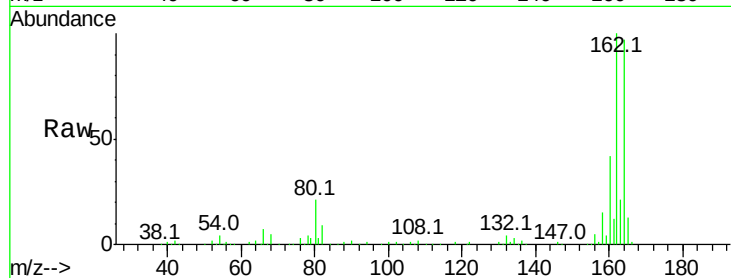




#56
 2,4-Dinitrotoluene
 Concen: 6.334 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

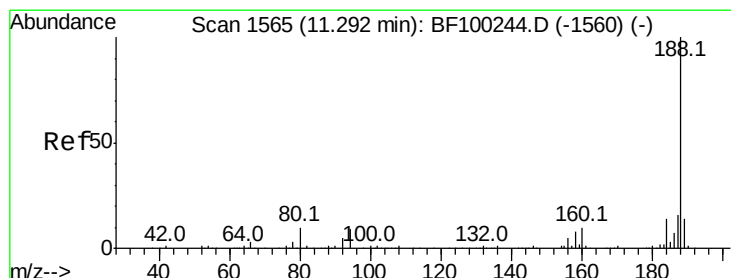
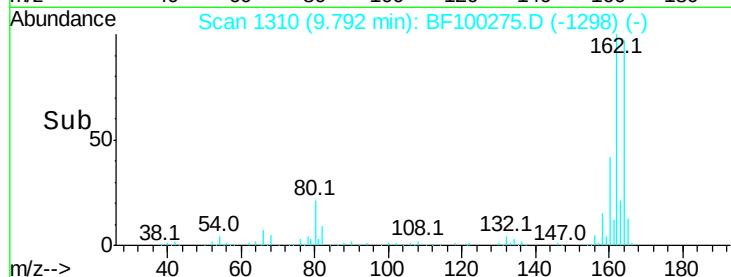
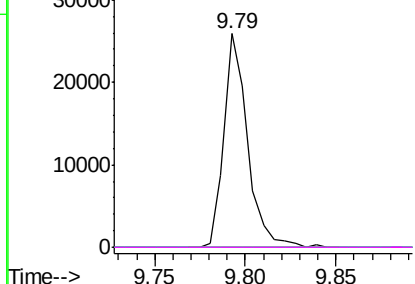


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

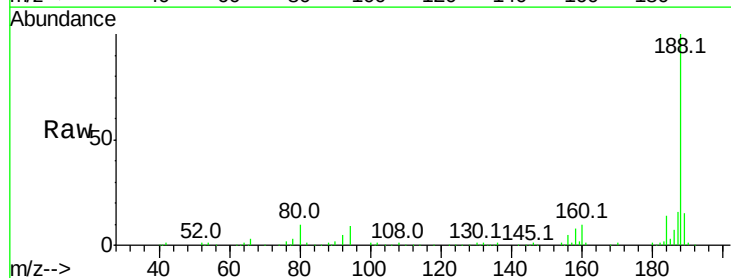
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

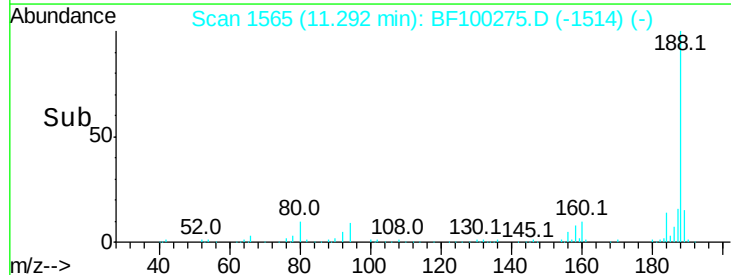
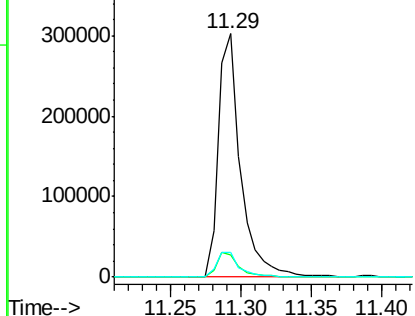
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

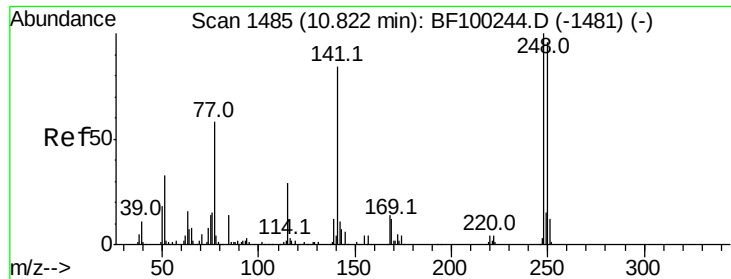


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

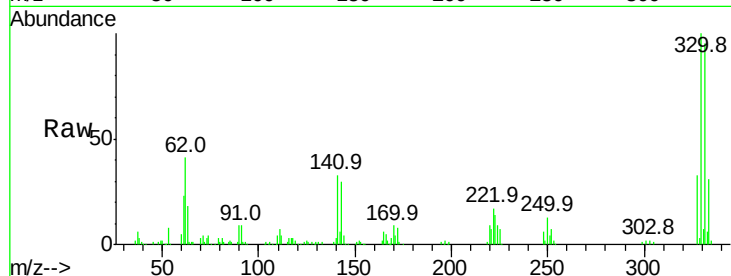




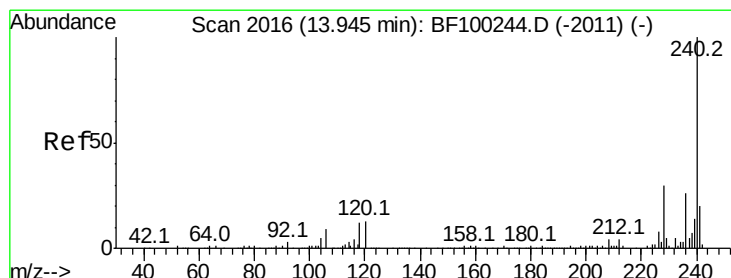
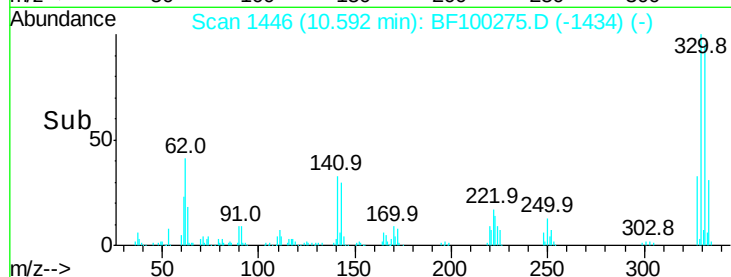
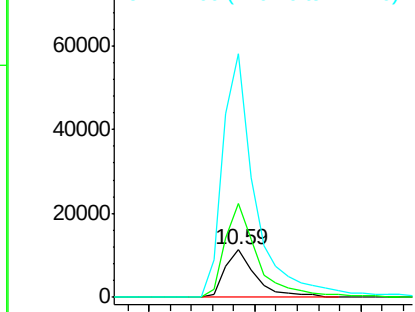
#66
 4-Bromophenyl-phenylether
 Concen: 3.291 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.23 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11462
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.9 115.3#
 141 513.8 74.4 111.6#

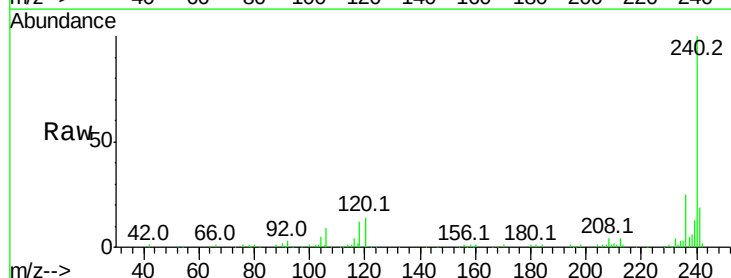


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

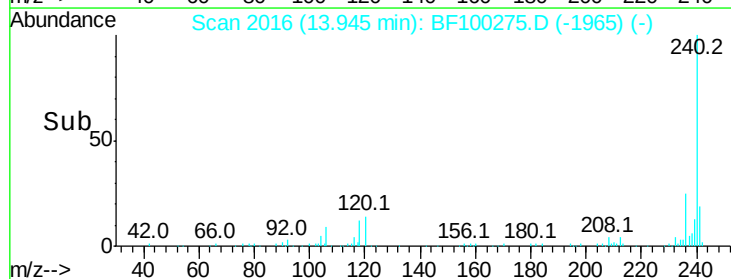
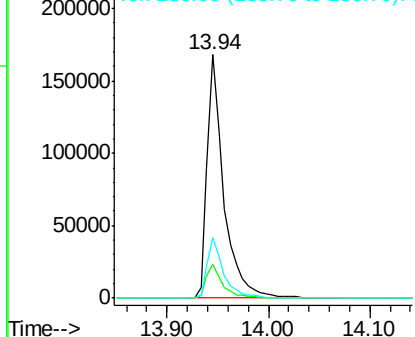


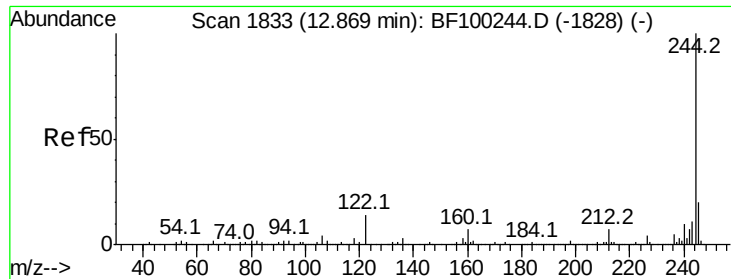
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Tgt Ion:240 Resp: 191199
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 25.1 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: 99.622 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100275.D

Acq: 7 Nov 2017 5:27

Instrument :

BNA_F

ClientSampled :

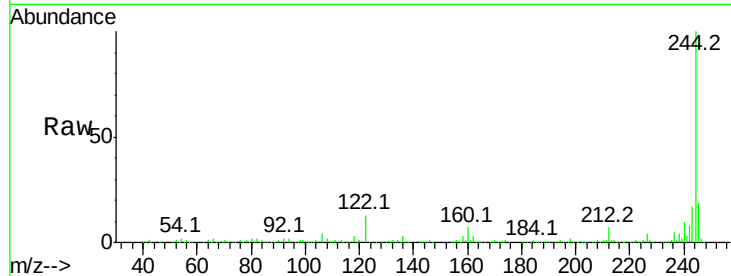
Tot Ion:244 Resp: 871599

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

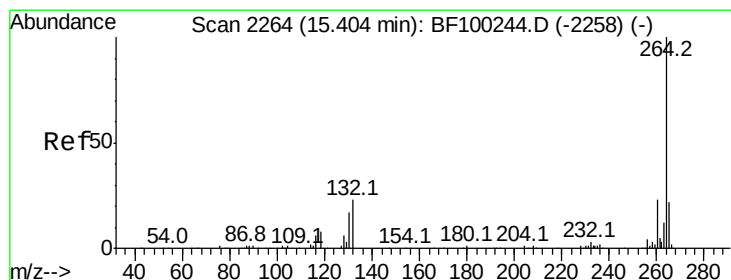
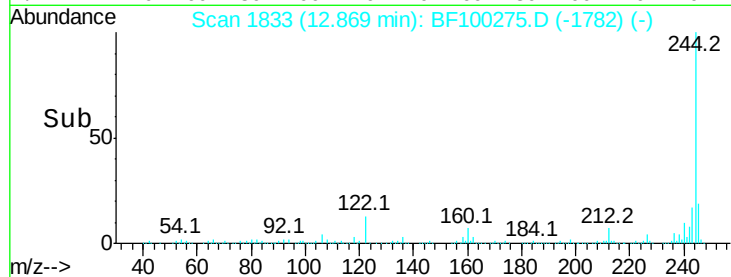
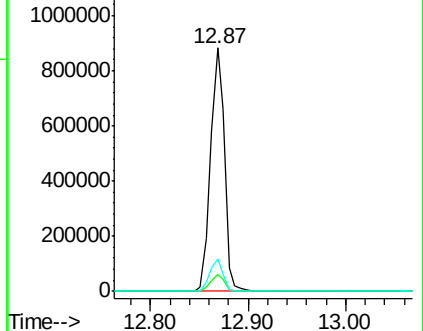
122 13.4 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100275.D

Acq: 7 Nov 2017 5:27

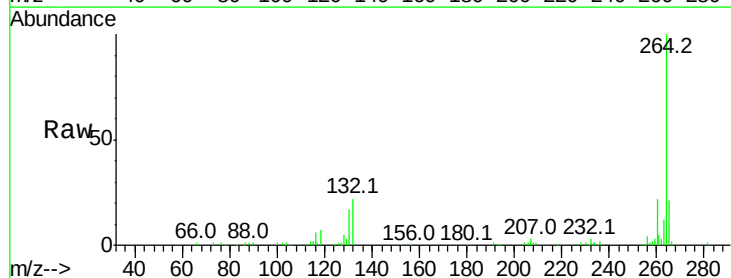
Tgt Ion:264 Resp: 165577

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

265 21.0 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

