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 Data File : BF100269.D
 Acq On : 6 Nov 2017 23:35
 Operator : SJ/JU
 Sample : I6332-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 03:20:59 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

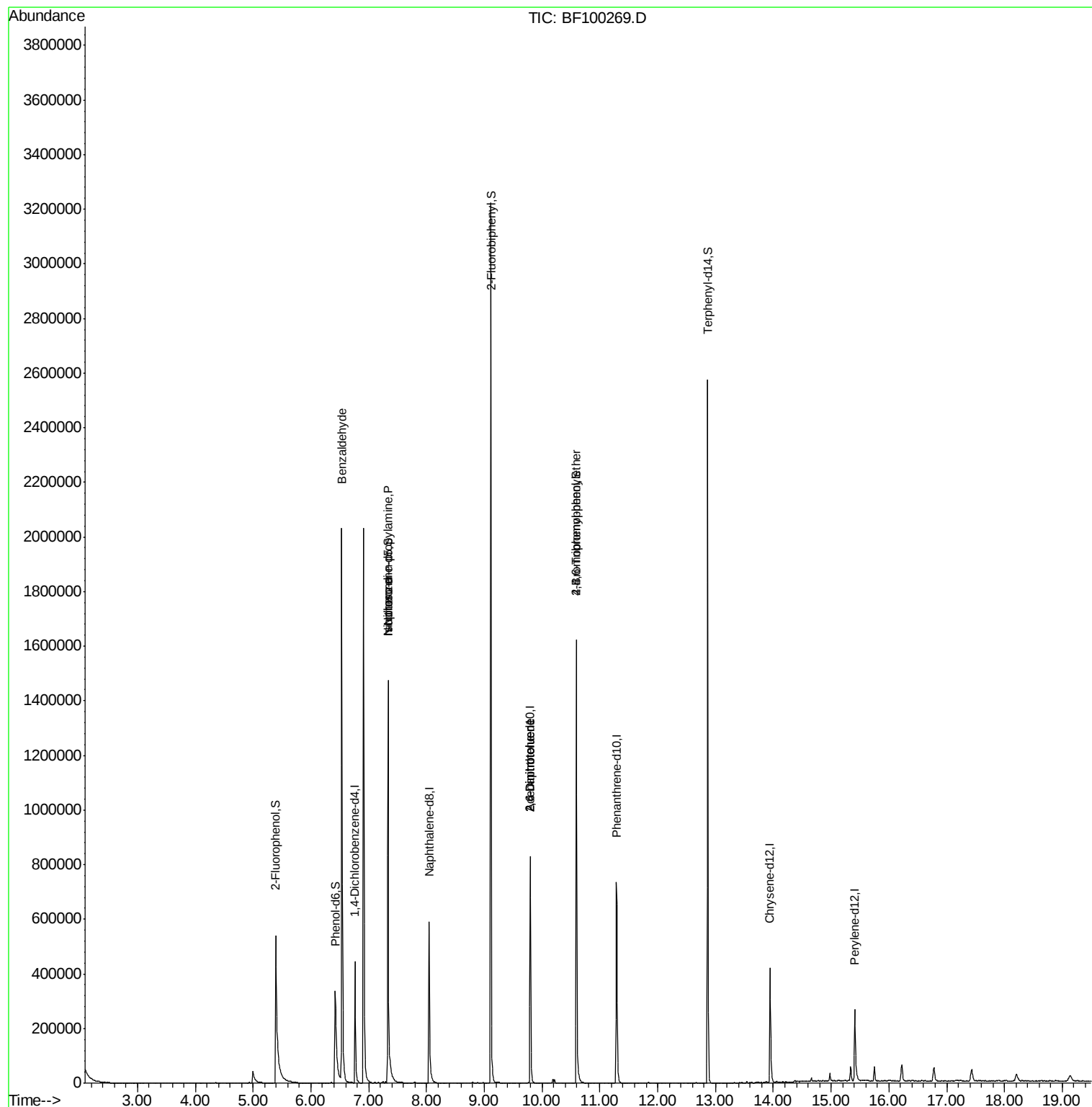
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	96618	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	403558	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	186517	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	331448	20.00	ng	0.00
75) Chrysene-d12	13.94	240	175759	20.00	ng	0.00
86) Perylene-d12	15.41	264	163145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	395971	64.34	ng	0.01
7) Phenol-d6	6.42	99	302444	41.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	586638	93.59	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	230251	135.46	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1132904	93.71	ng	0.00
78) Terphenyl-d14	12.87	244	957586	119.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	12715	2.916	ng	88
19) n-Nitroso-di-n-propylamine	7.33	70	72300	16.907	ng	# 71
25) Isophorone	7.33	82	586635	51.575	ng	# 64
50) 2,6-Dinitrotoluene	9.79	165	23939	7.710	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	23939	6.402	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	14804	4.243	ng	# 1

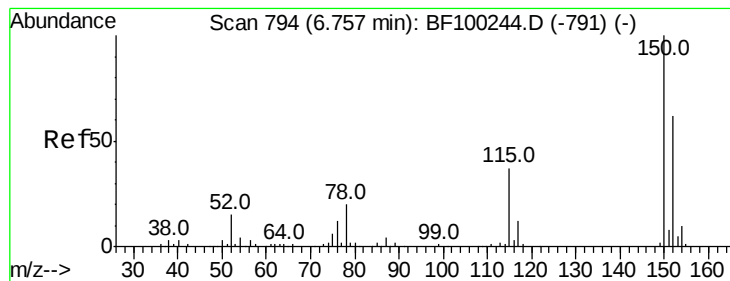
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



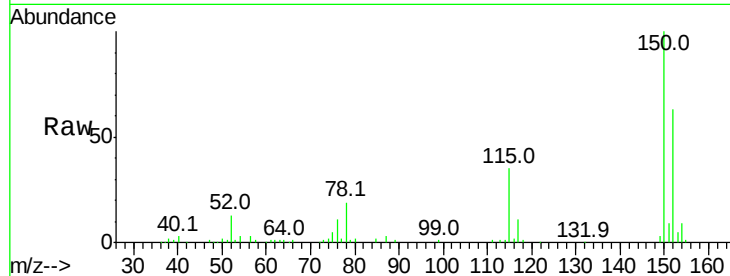


#1

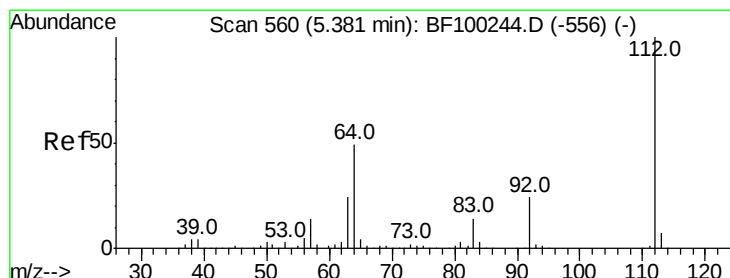
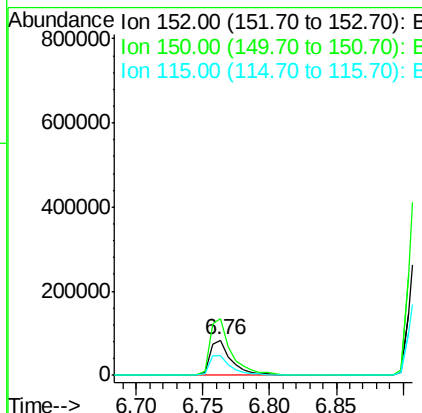
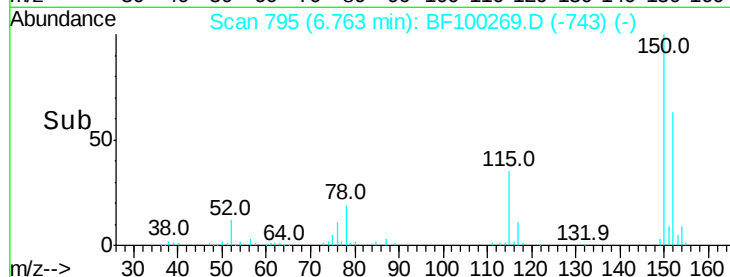
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF100269.D
 Acq: 6 Nov 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 96618
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 56.1 50.1 75.1



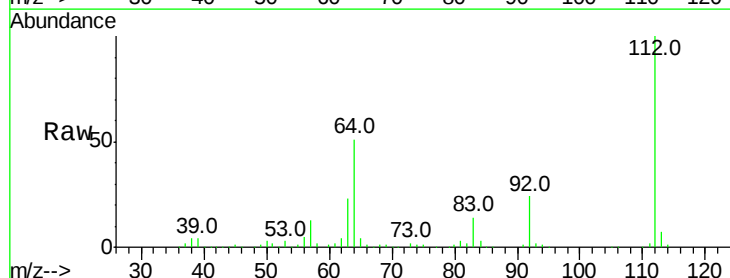
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



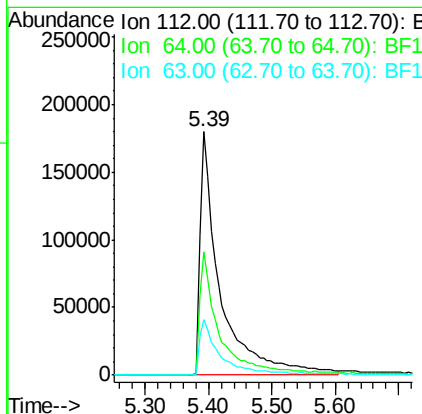
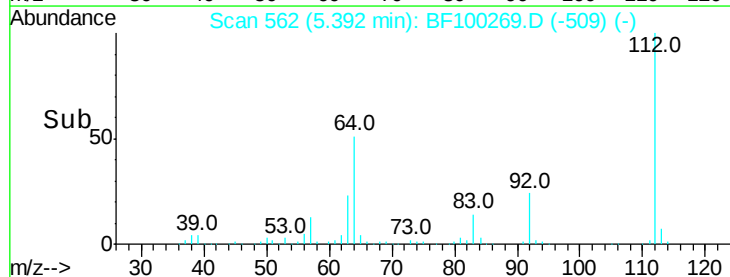
#5

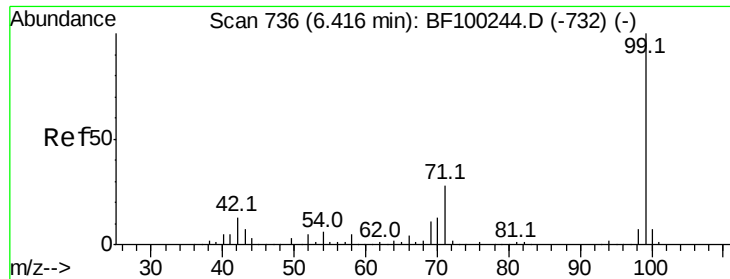
2-Fluorophenol
 Concen: 64.342 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF100269.D
 Acq: 6 Nov 2017 23:35

Tgt Ion:112 Resp: 395971
 Ion Ratio Lower Upper
 112 100
 64 50.9 47.9 71.9
 63 23.0 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: 41.447 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100269.D

Acq: 6 Nov 2017 23:35

Instrument :

BNA_F

ClientSampleId :

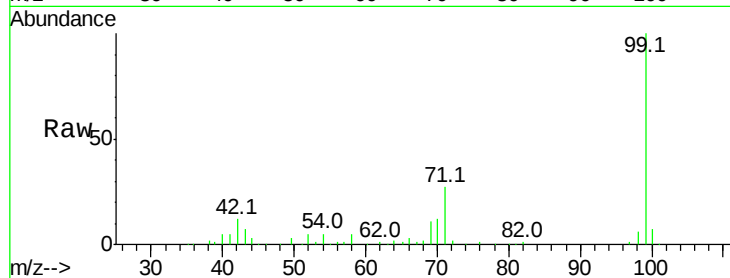
Tot Ion: 99 Resp: 302444

Ion Ratio Lower Upper

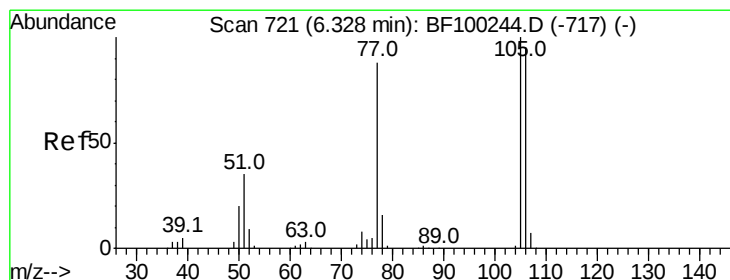
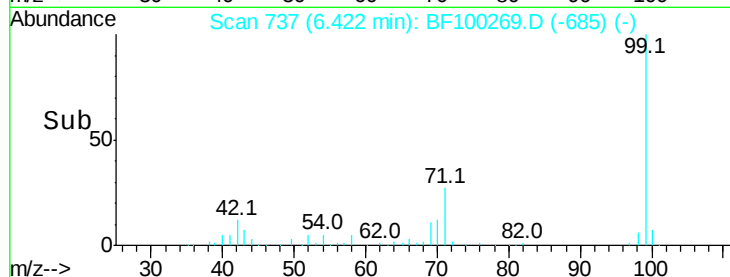
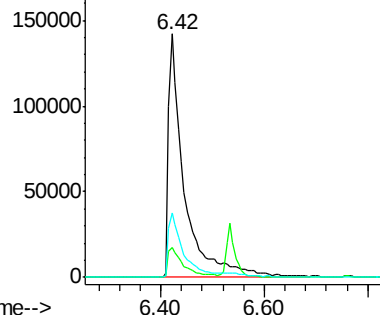
99 100

42 12.3 14.5 21.7#

71 26.6 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: 2.916 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100269.D

Acq: 6 Nov 2017 23:35

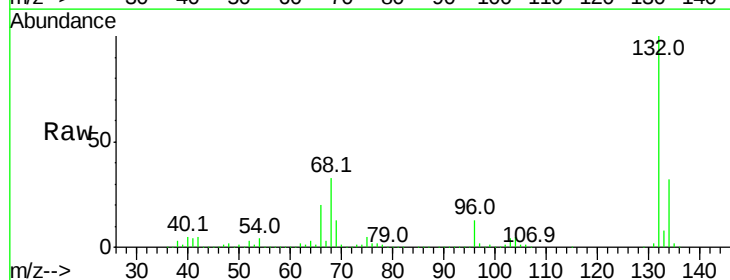
Tgt Ion: 77 Resp: 12715

Ion Ratio Lower Upper

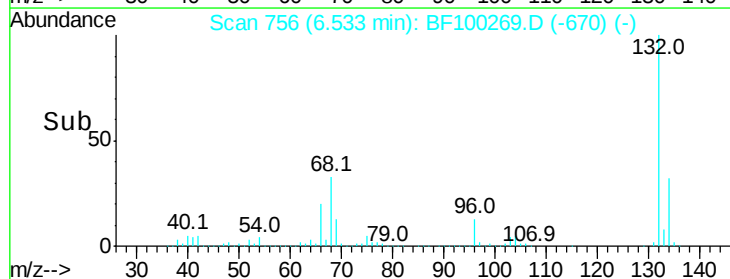
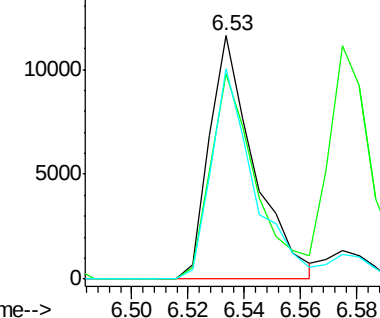
77 100

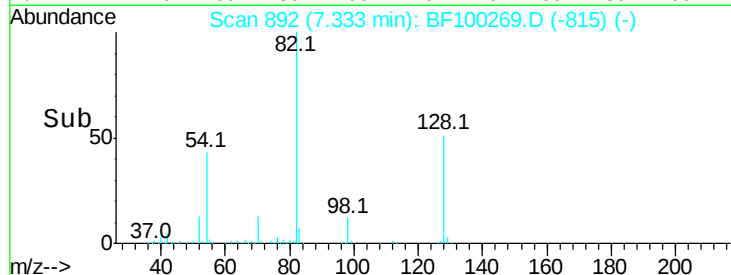
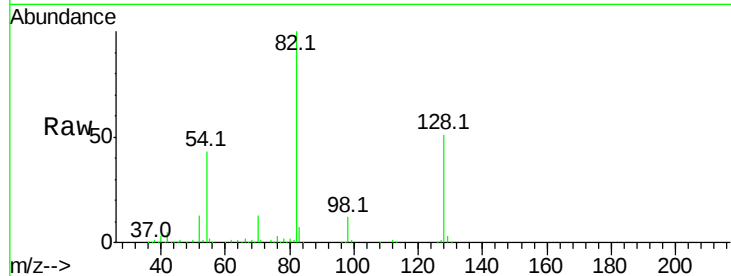
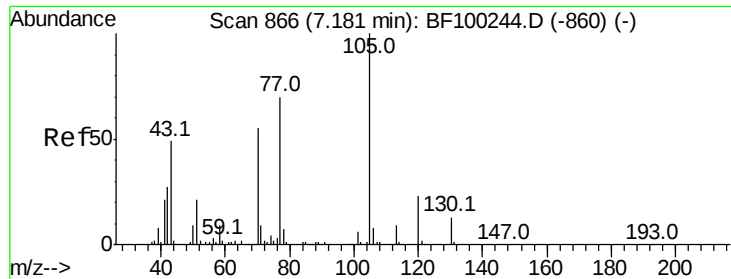
105 84.5 81.1 121.1

106 86.6 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

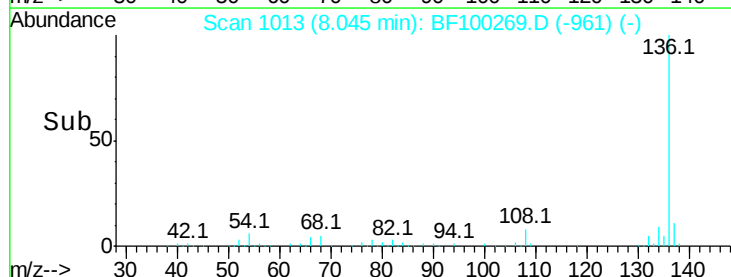
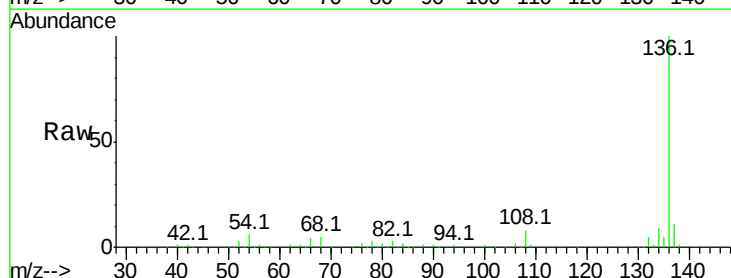
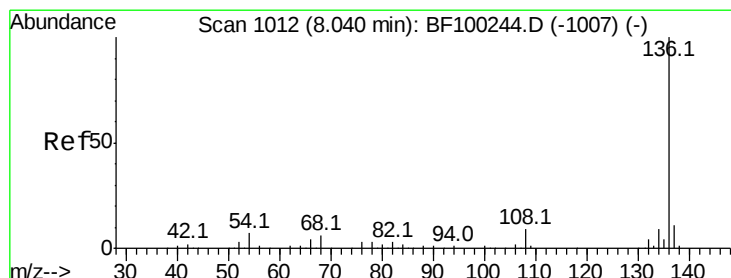
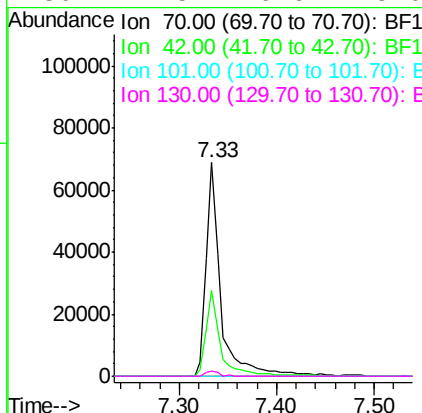




#19
n-Nitroso-di-n-propylamine
Concen: 16.907 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100269.D
Acq: 6 Nov 2017 23:35

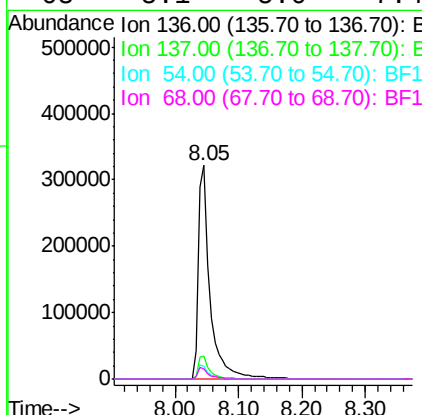
Instrument :
BNA_F
ClientSampleId :

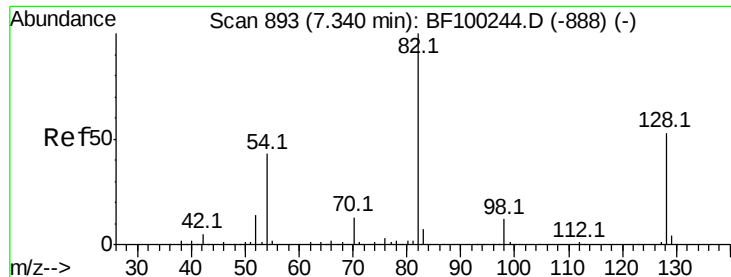
Tot Ion: 70 Resp: 72300
Ion Ratio Lower Upper
70 100
42 40.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF100269.D
Acq: 6 Nov 2017 23:35

Tgt Ion:136 Resp: 403558
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.8 6.6 9.8#
68 5.1 5.0 7.4

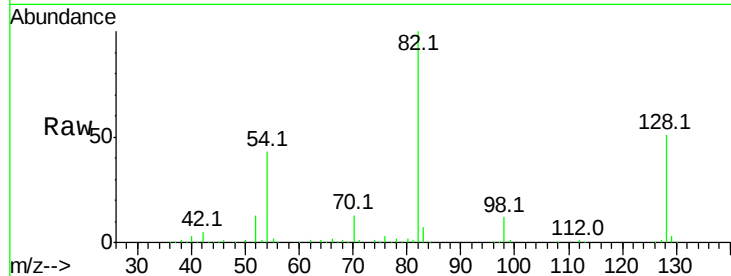




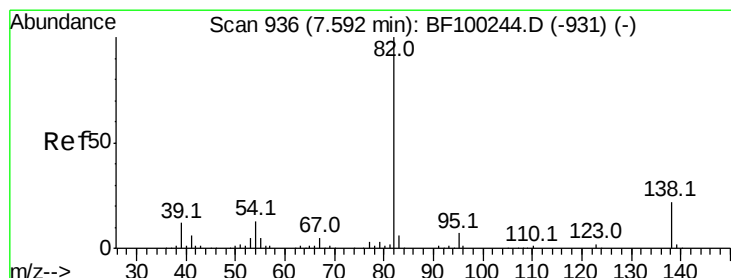
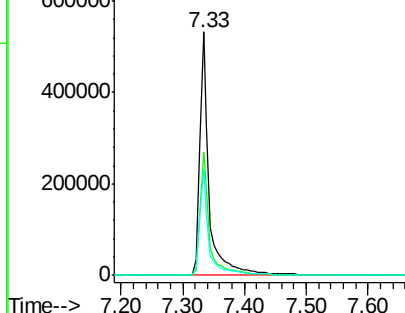
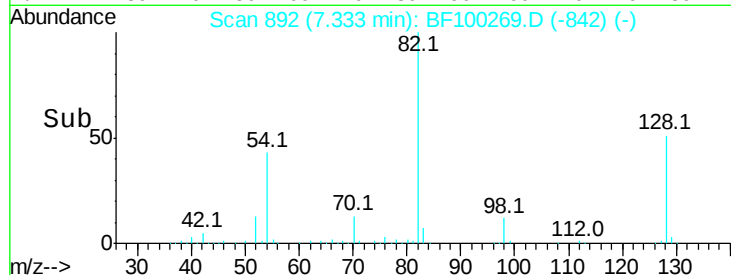
#23
Nitrobenzene-d5
Concen: 93.588 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100269.D
Acq: 6 Nov 2017 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	43.1	41.4	62.2

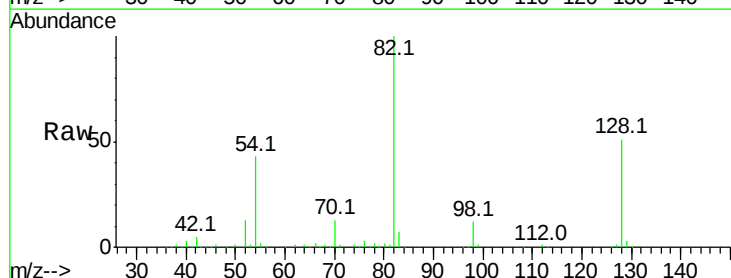


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

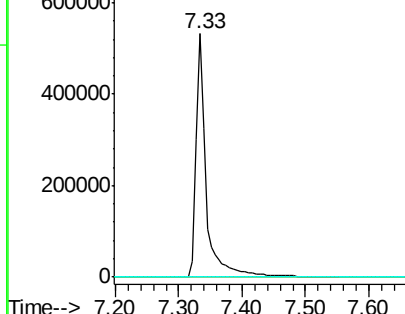
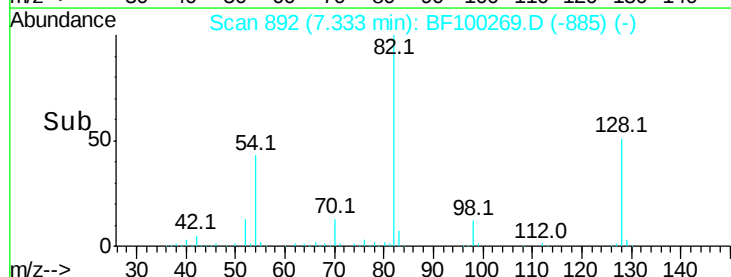


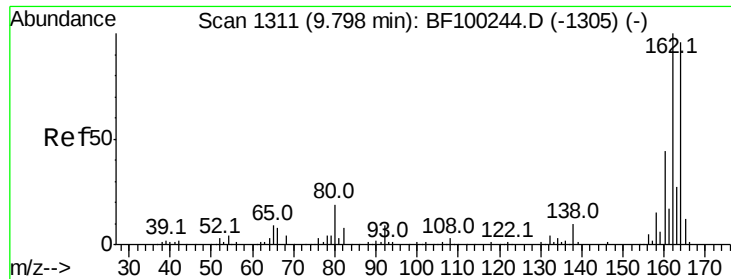
#25
Isophorone
Concen: 51.575 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100269.D
Acq: 6 Nov 2017 23:35

Tgt 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

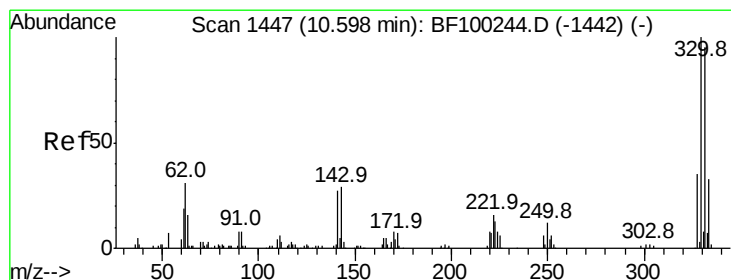
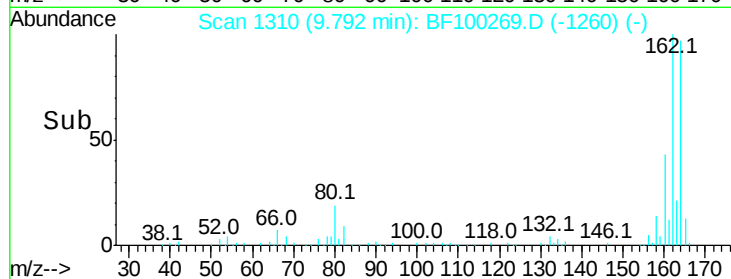
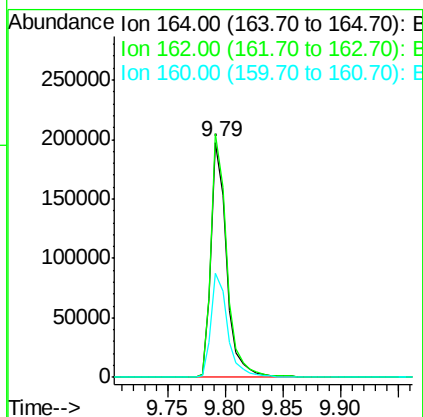
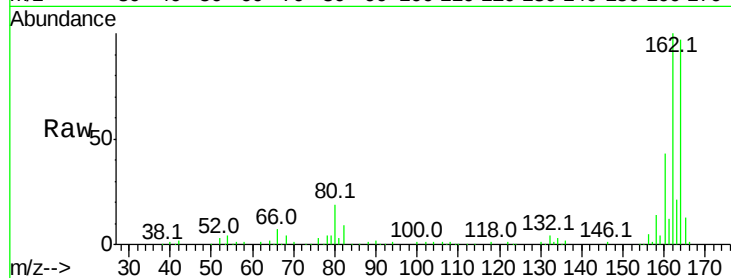




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100269.D
 Acq: 6 Nov 2017 23:35

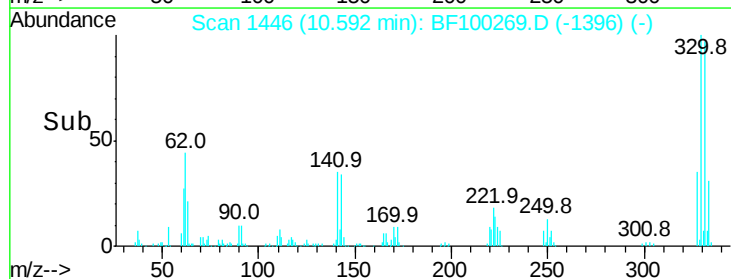
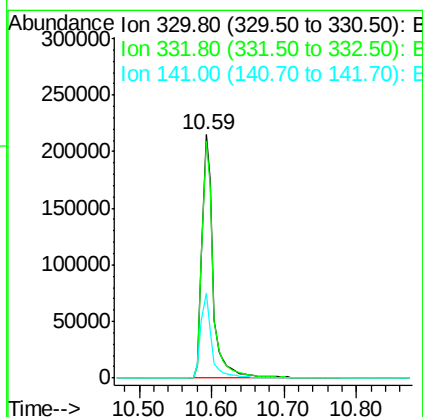
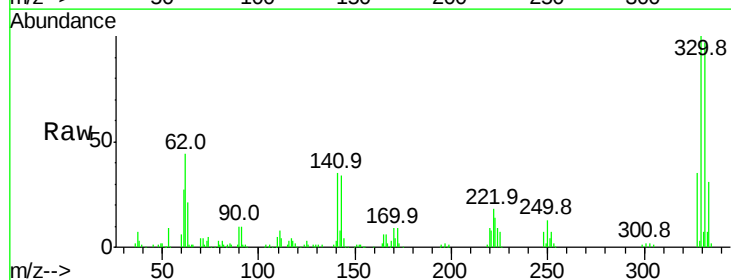
Instrument :
 BNA_F
 ClientSampled :

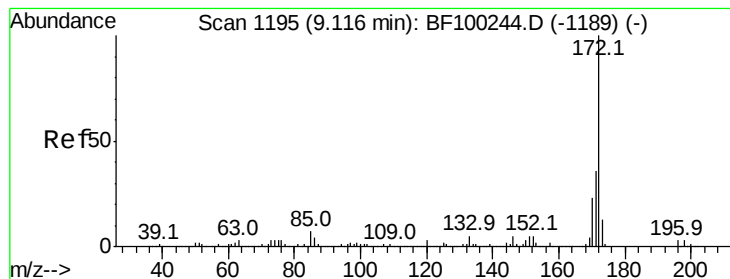
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	44.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 135.461 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100269.D
 Acq: 6 Nov 2017 23:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.0	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 93.712 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF100269.D

Acq: 6 Nov 2017 23:35

Instrument :

BNA_F

ClientSampleId :

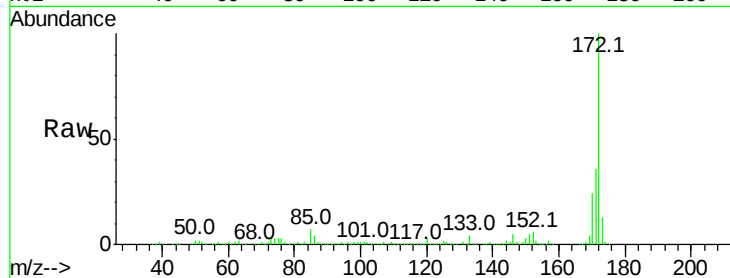
Tot Ion:172 Resp: 1132904

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

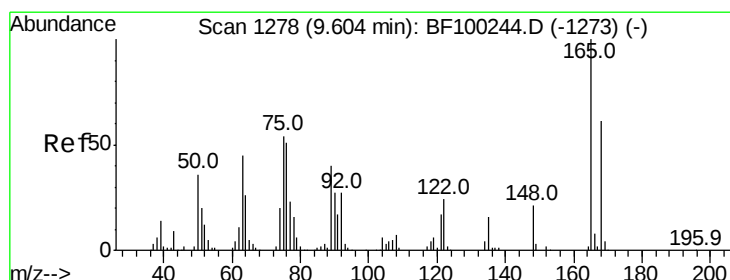
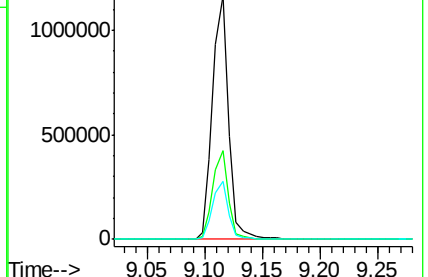
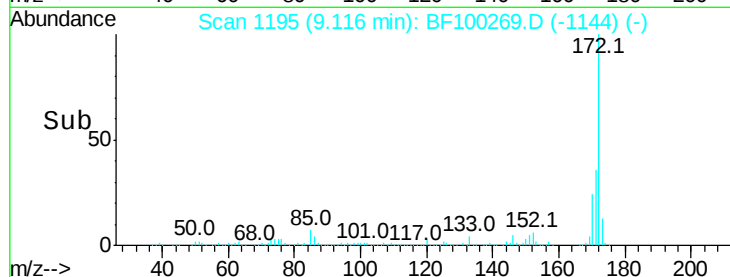
170 23.8 19.6 29.4



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: 7.710 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.19 min

Lab File: BF100269.D

Acq: 6 Nov 2017 23:35

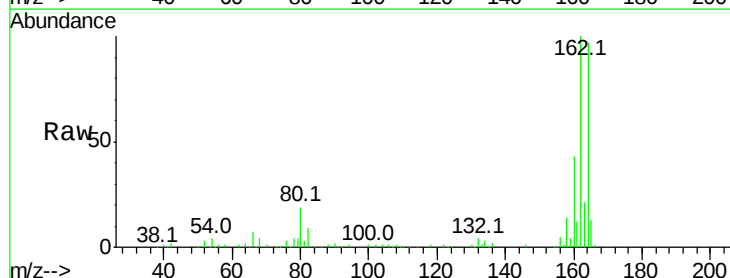
Tgt Ion:165 Resp: 23939

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

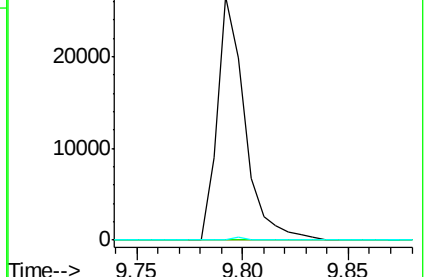
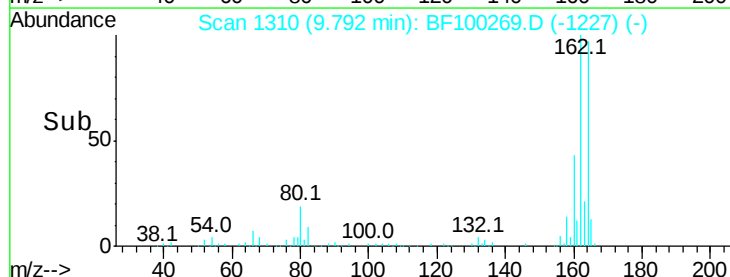
89 0.0 44.0 66.0#

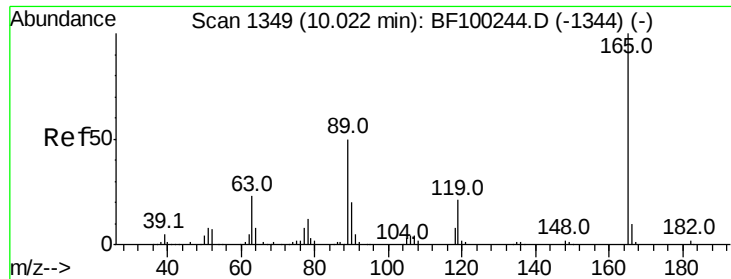


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

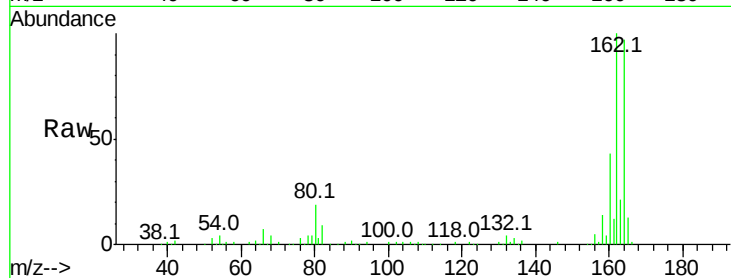




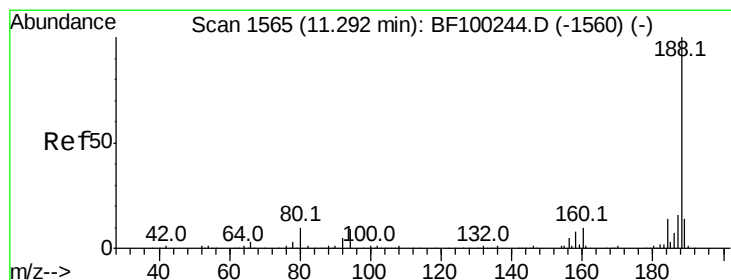
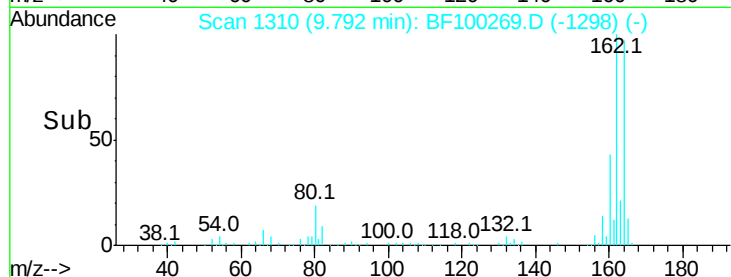
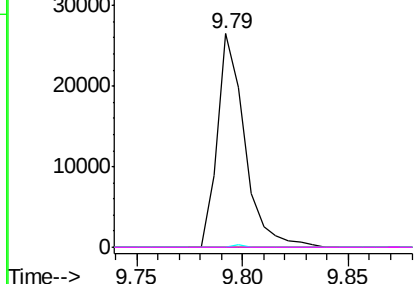
#56
 2,4-Dinitrotoluene
 Concen: 6.402 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100269.D
 Acq: 6 Nov 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23939
 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#

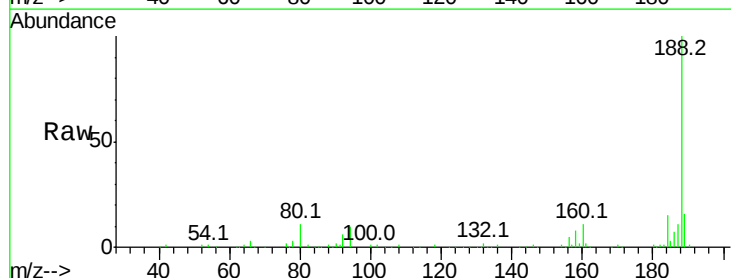


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

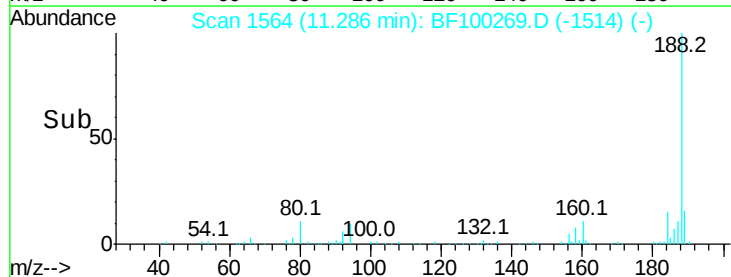
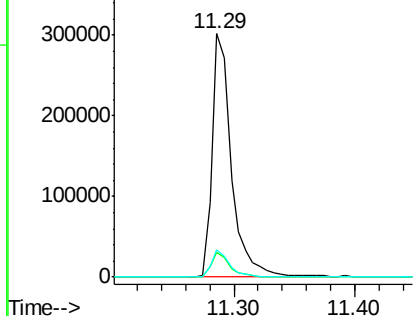


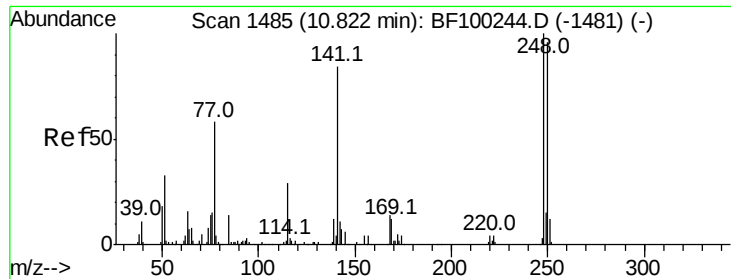
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100269.D
 Acq: 6 Nov 2017 23:35

Tgt Ion:188 Resp: 331448
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.3 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

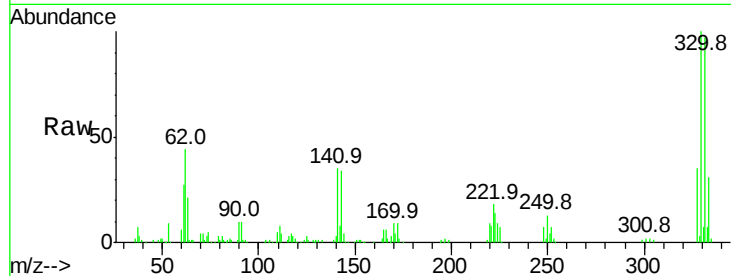




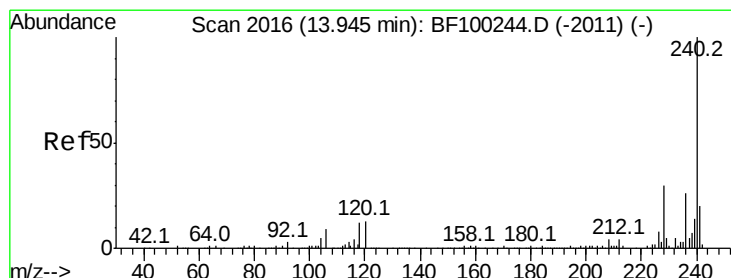
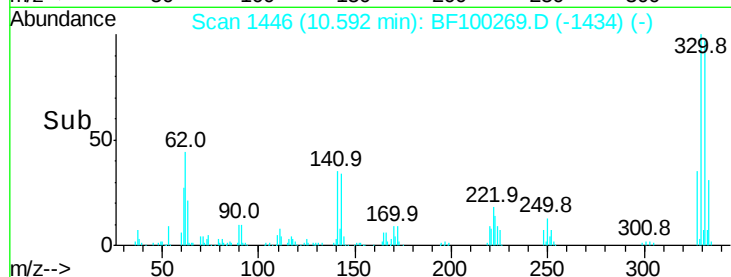
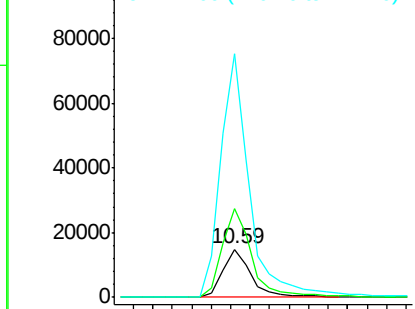
#66
4-Bromophenyl-phenylether
Concen: 4.243 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100269.D
Acq: 6 Nov 2017 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14804
Ion Ratio Lower Upper
248 100
250 185.0 76.9 115.3#
141 506.9 74.4 111.6#

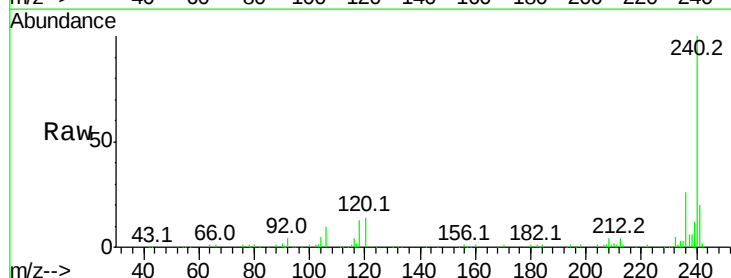


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

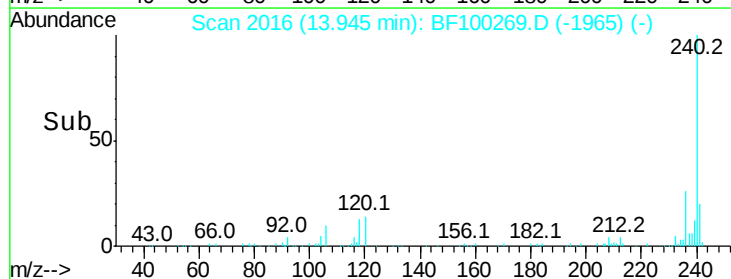
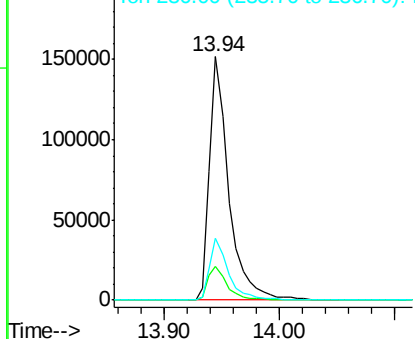


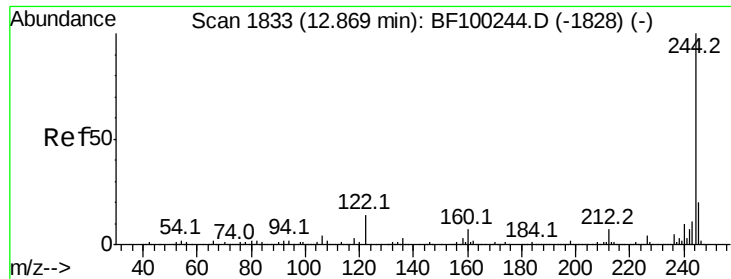
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100269.D
Acq: 6 Nov 2017 23:35

Tgt Ion:240 Resp: 175759
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.5 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: 119.065 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100269.D

Acq: 6 Nov 2017 23:35

Instrument :

BNA_F

ClientSampleId :

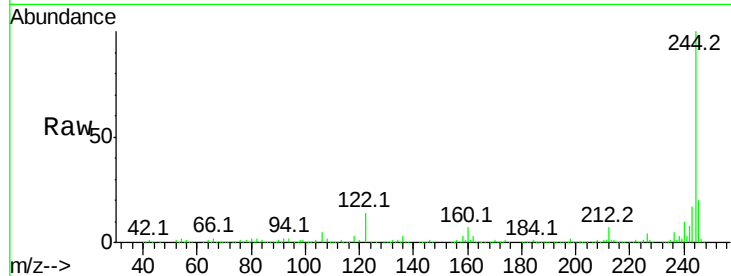
Tot Ion:244 Resp: 957586

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

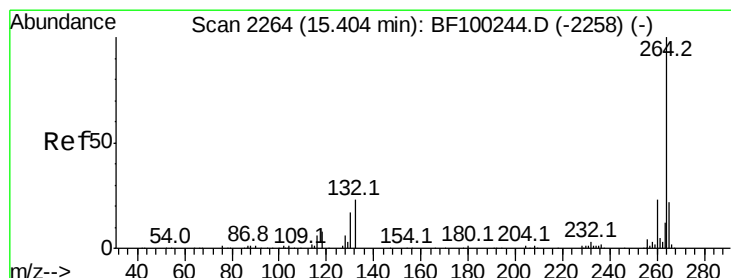
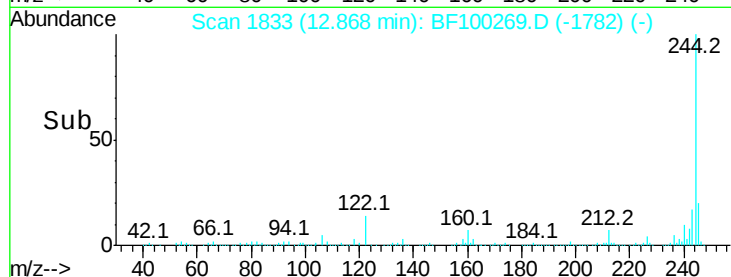
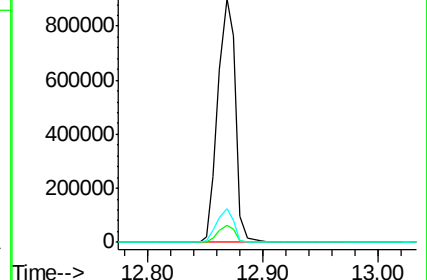
122 13.7 11.0 16.4



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: BF100269.D

Acq: 6 Nov 2017 23:35

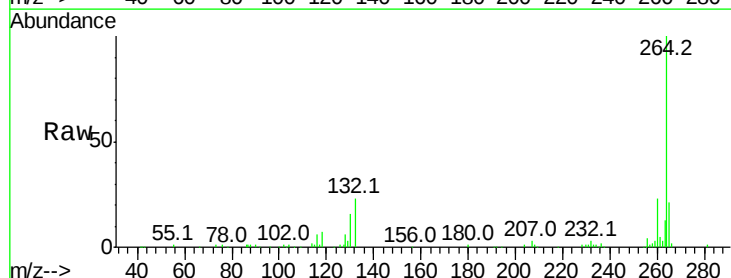
Tgt Ion:264 Resp: 163145

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 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

