

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101705.D
 Acq On : 26 Dec 2017 10:36
 Operator : SJ/JU
 Sample : PB105279BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105279BL

Quant Time: Dec 26 11:19:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

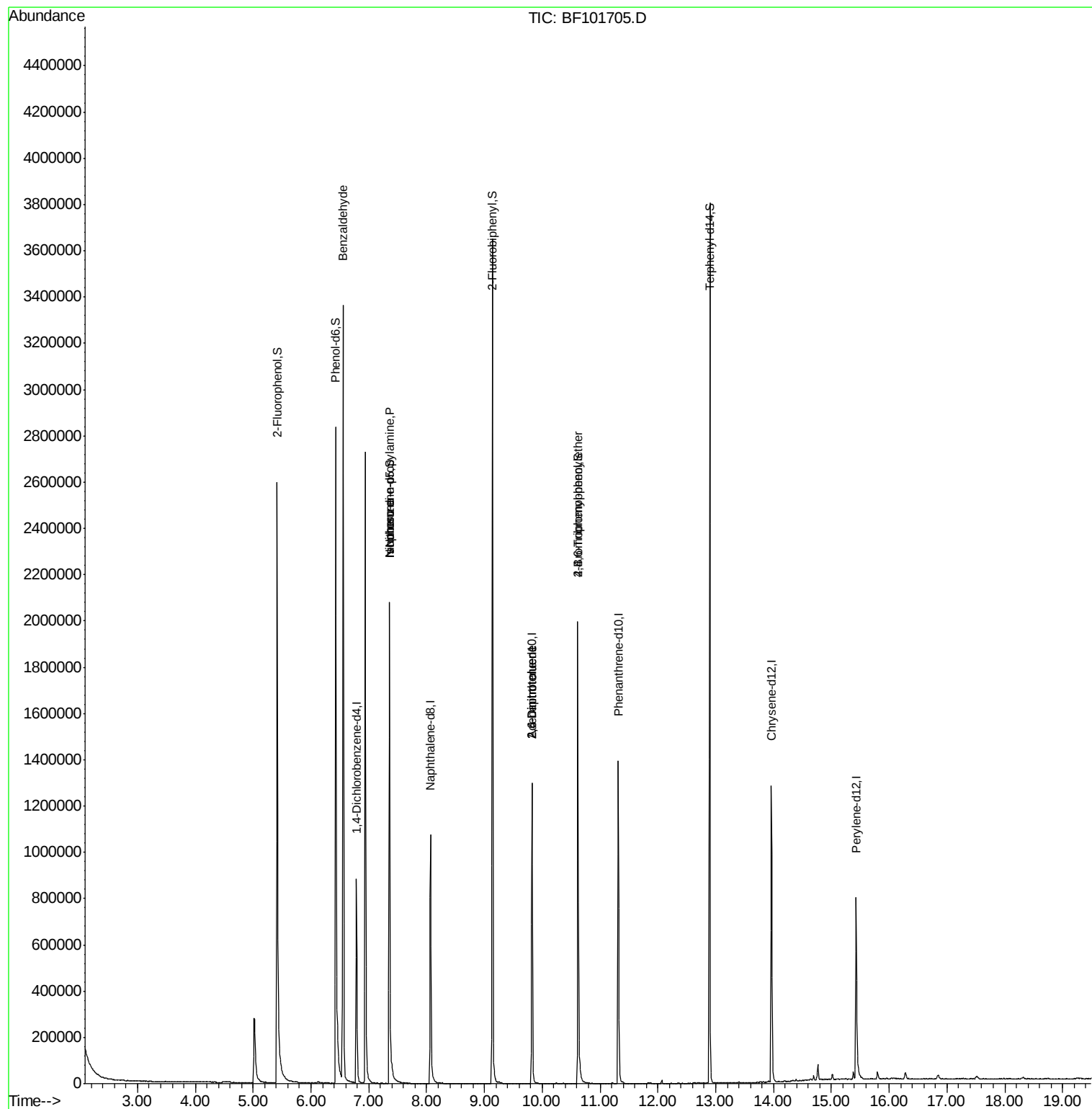
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145790	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	590218	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	266701	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	548667	20.00	ng	0.00
75) Chrysene-d12	13.96	240	501610	20.00	ng	0.00
86) Perylene-d12	15.43	264	460657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1040446	106.31	ng	0.01
7) Phenol-d6	6.43	99	1248307	102.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	793411	74.83	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	312766	121.70	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1365773	79.44	ng	0.00
78) Terphenyl-d14	12.90	244	1436308	69.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	20357	2.263	ng	83
19) n-Nitroso-di-n-propylamine	7.36	70	103573	12.948	ng	# 81
25) Isophorone	7.36	82	793407	37.302	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	33535	7.691	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	33535	6.827	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	19367	3.141	ng	# 1

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

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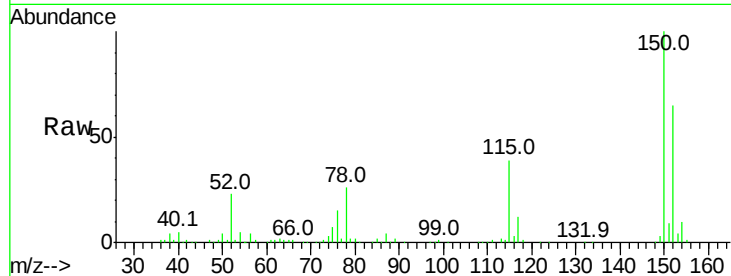


#1

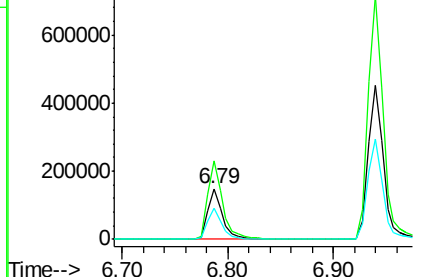
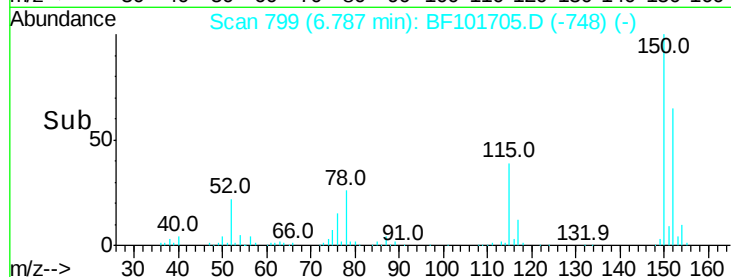
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101705.D
 Acq: 26 Dec 2017 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB105279BL

Tot Ion:152 Resp: 145790
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 59.9 50.1 75.1



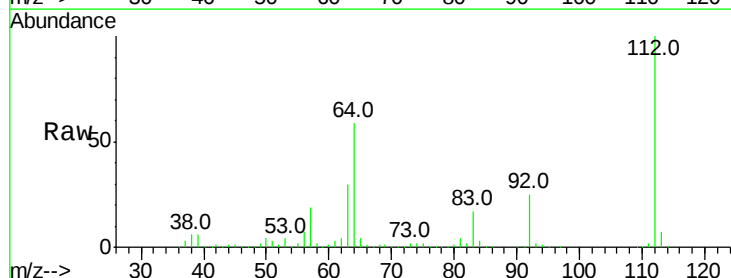
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



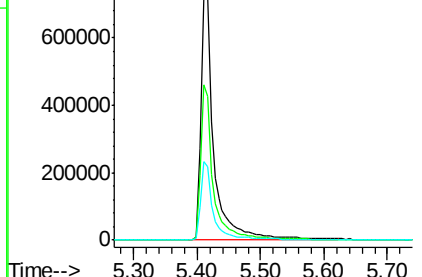
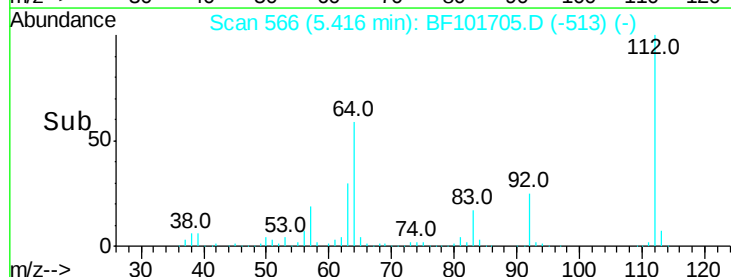
#5

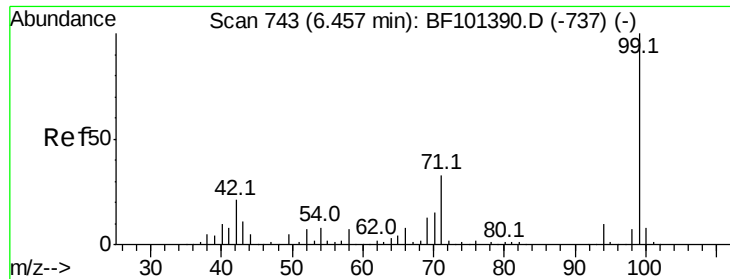
2-Fluorophenol
 Concen: 106.305 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101705.D
 Acq: 26 Dec 2017 10:36

Tgt Ion:112 Resp: 1040446
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 30.0 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: 102.482 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101705.D

Acq: 26 Dec 2017 10:36

Instrument :

BNA_F

ClientSampleId :

PB105279BL

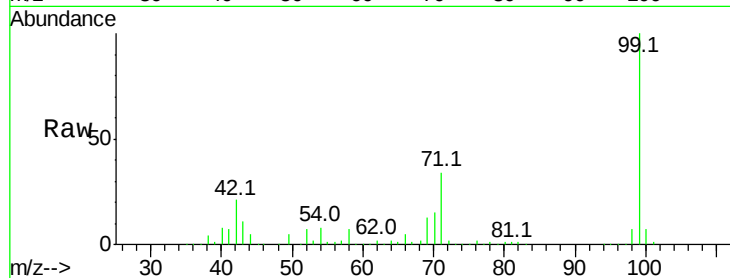
Tot Ion: 99 Resp: 1248307

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

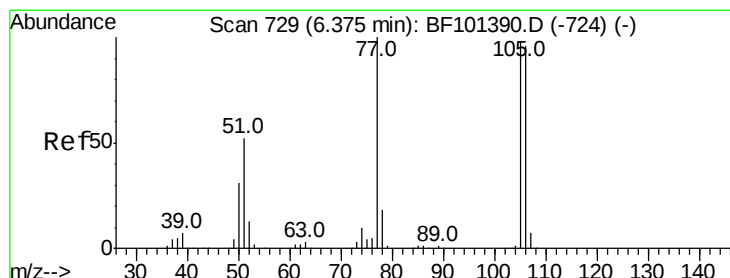
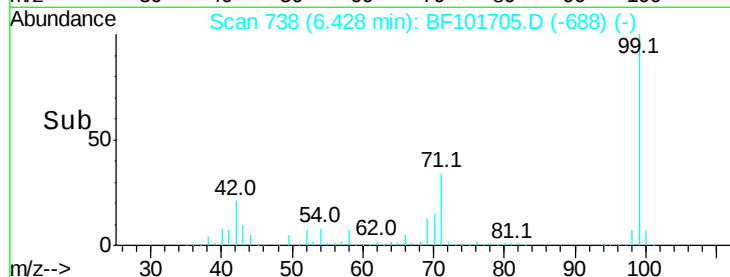
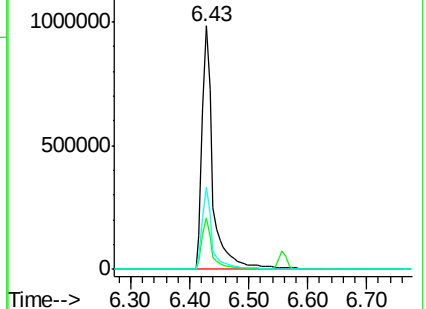
71 33.8 25.4 38.0



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: 2.263 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF101705.D

Acq: 26 Dec 2017 10:36

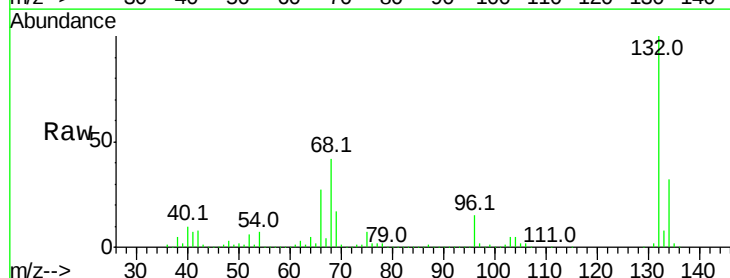
Tgt Ion: 77 Resp: 20357

Ion Ratio Lower Upper

77 100

105 83.4 81.1 121.1

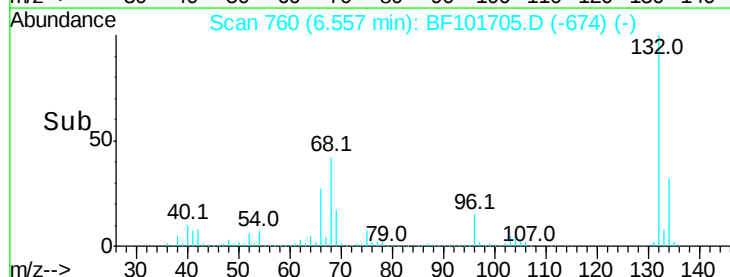
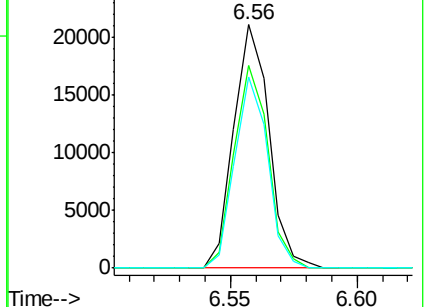
106 78.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 12.948 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

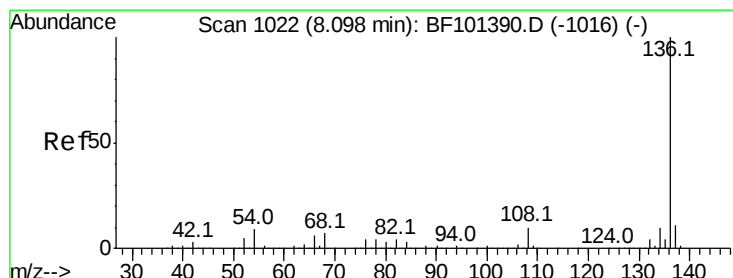
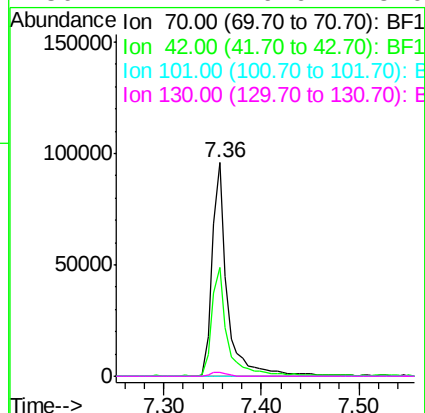
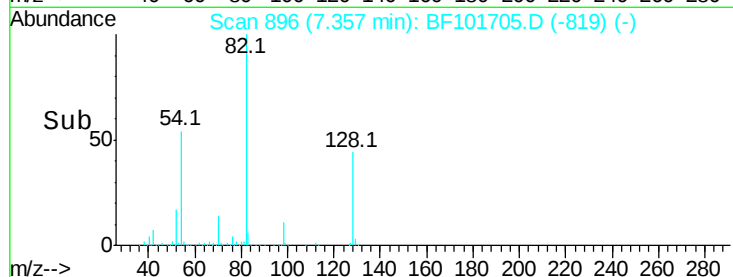
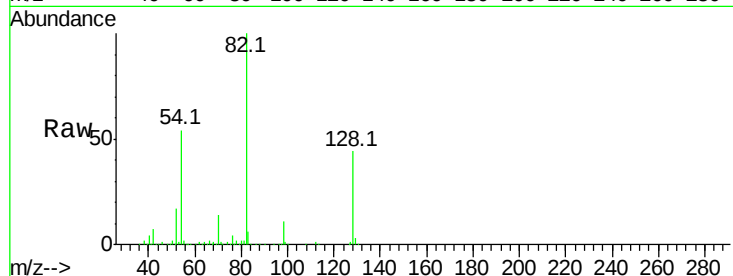
Lab File: BF101705.D

Acq: 26 Dec 2017 10:36

Instrument :
BNA_F
ClientSampleId :
PB105279BL

Tot Ion: 70 Resp: 103573

Ion	Ratio	Lower	Upper
70	100		
42	51.2	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: 8.07 min Scan# 1017

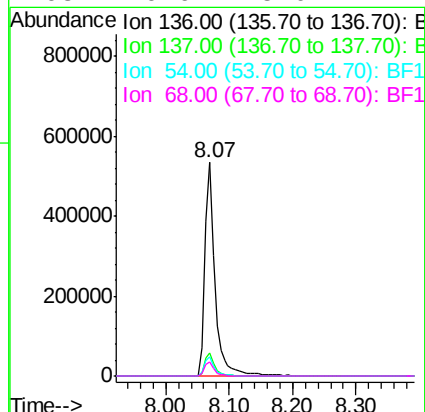
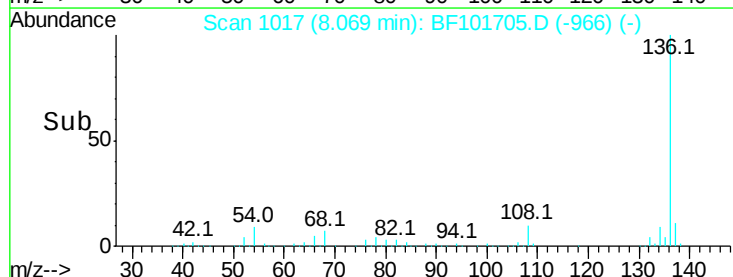
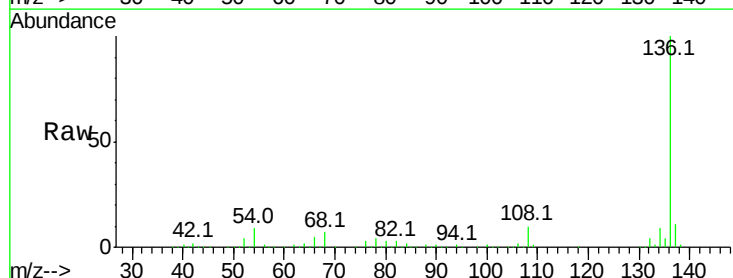
Delta R.T. -0.00 min

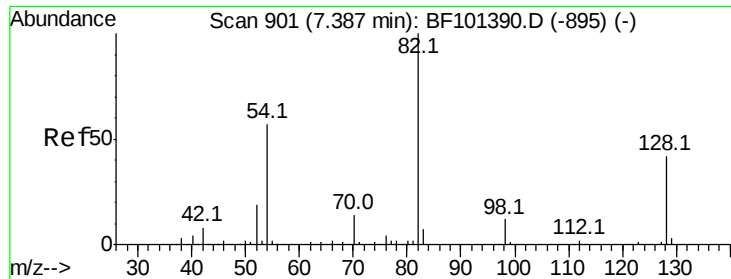
Lab File: BF101705.D

Acq: 26 Dec 2017 10:36

Tgt Ion: 136 Resp: 590218

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4

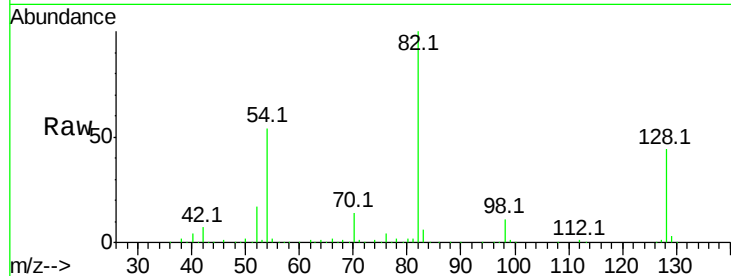




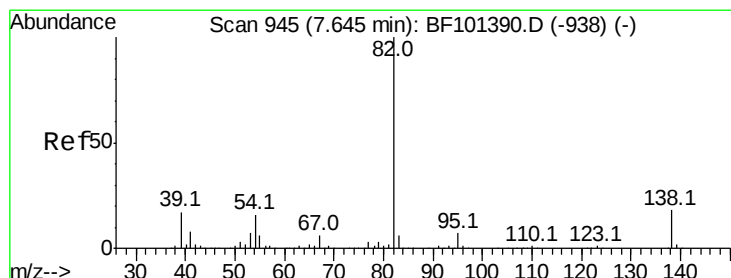
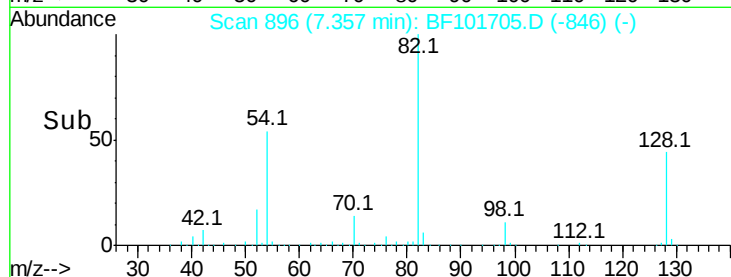
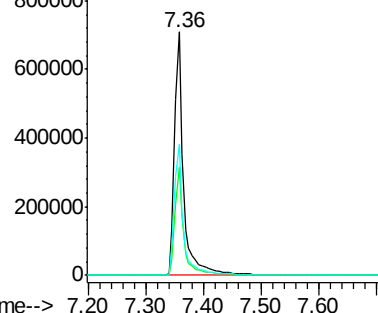
#23
Nitrobenzene-d5
Concen: 74.830 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101705.D
Acq: 26 Dec 2017 10:36

Instrument :
BNA_F
ClientSampleId :
PB105279BL

Tot Ion: 82 Resp: 793411
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 53.9 41.4 62.2

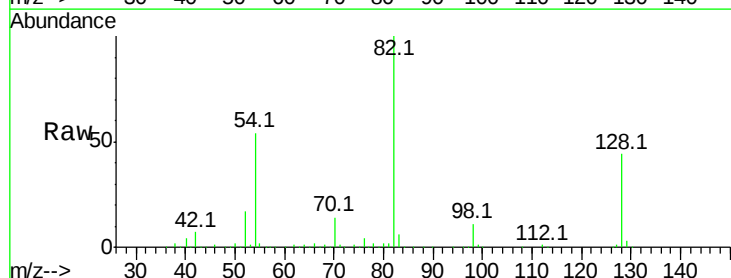


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

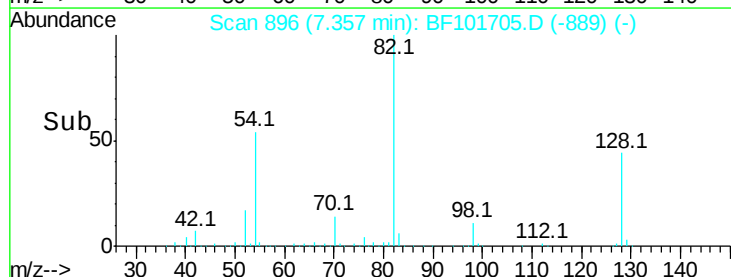
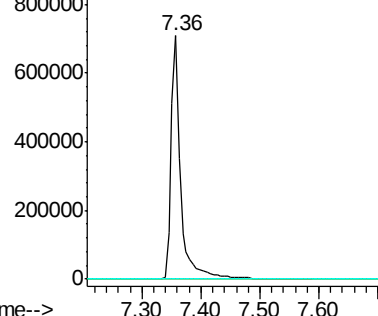


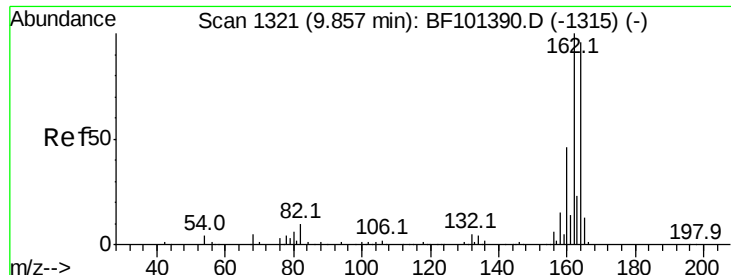
#25
Isophorone
Concen: 37.302 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101705.D
Acq: 26 Dec 2017 10:36

Tgt Ion: 82 Resp: 793407
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

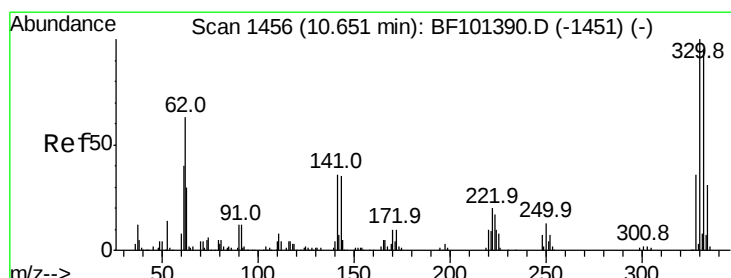
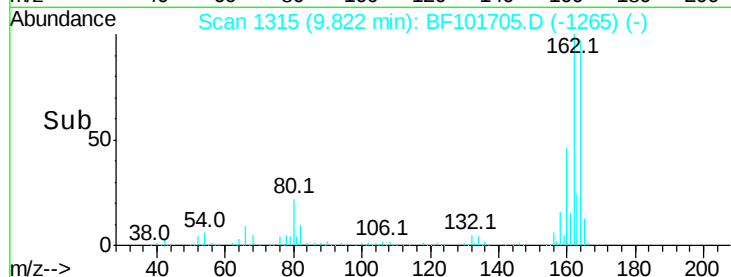
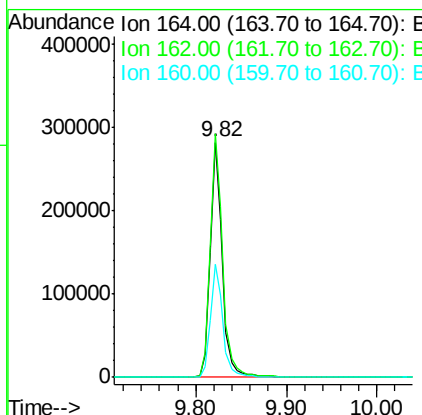
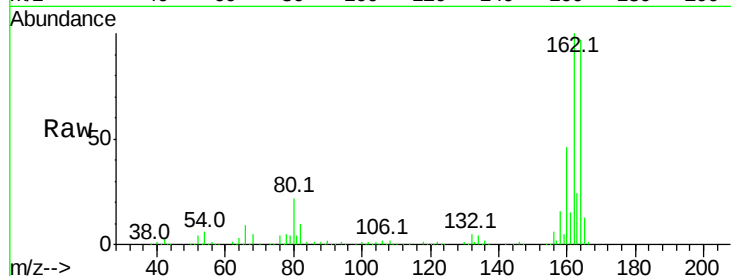




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101705.D
 Acq: 26 Dec 2017 10:36

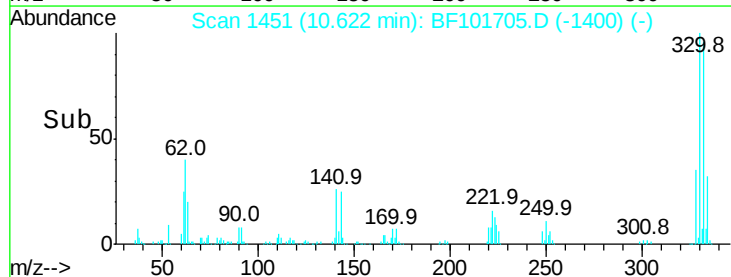
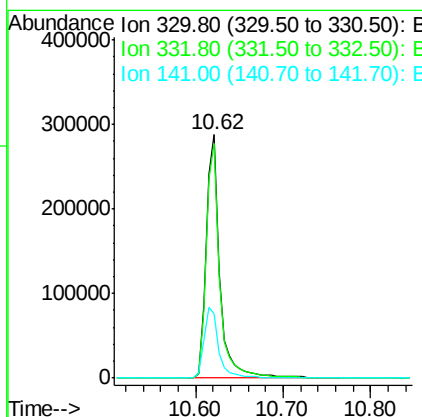
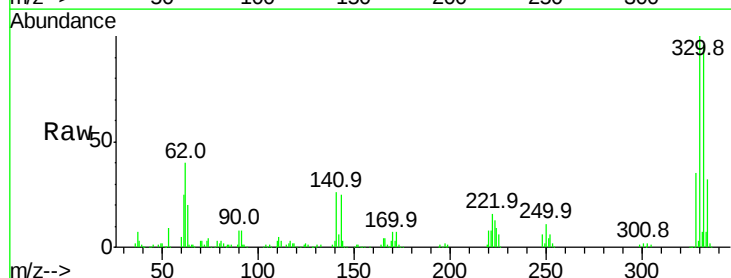
Instrument :
 BNA_F
 ClientSampleId :
 PB105279BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	47.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 121.705 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101705.D
 Acq: 26 Dec 2017 10:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.9	29.9	44.9



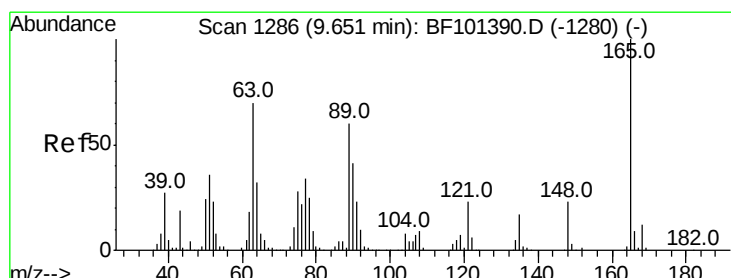
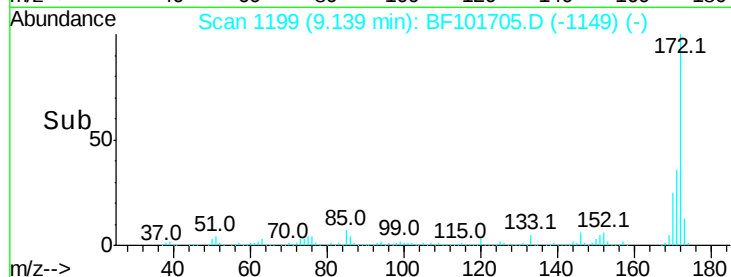
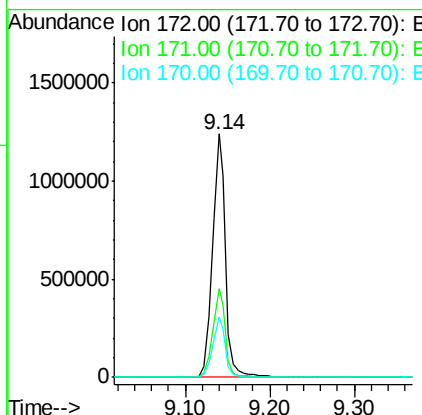
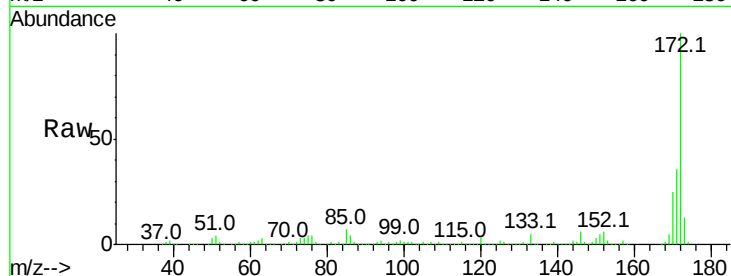


#44
 2-Fluorobiphenyl
 Concen: 79.439 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101705.D
 Acq: 26 Dec 2017 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB105279BL

Tot Ion:172 Resp: 1365773

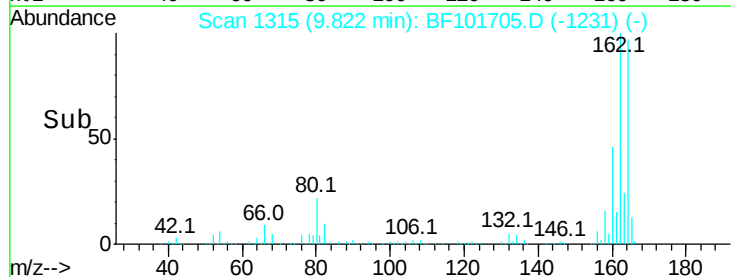
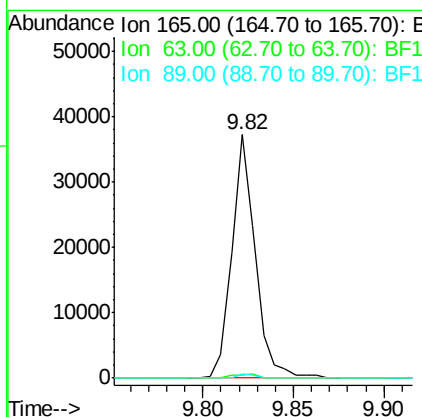
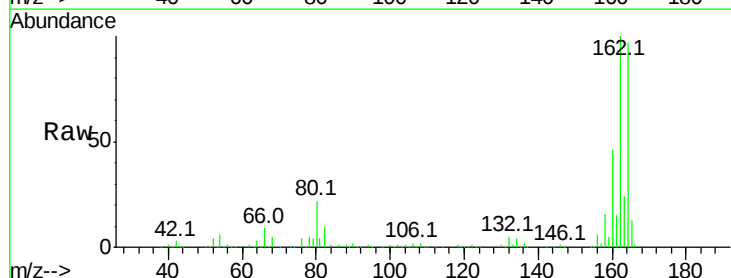
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4

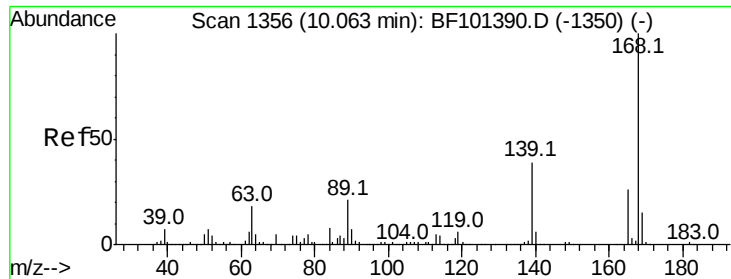


#50
 2,6-Dinitrotoluene
 Concen: 7.691 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101705.D
 Acq: 26 Dec 2017 10:36

Tgt Ion:165 Resp: 33535

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.9	44.0	66.0#

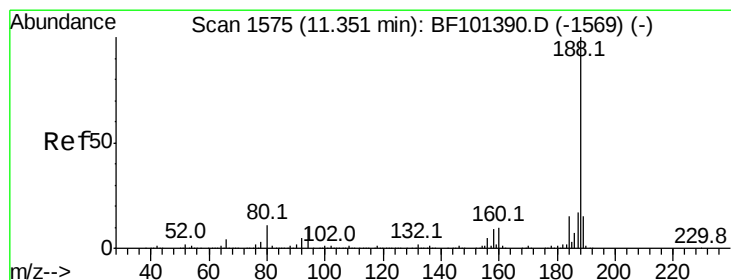
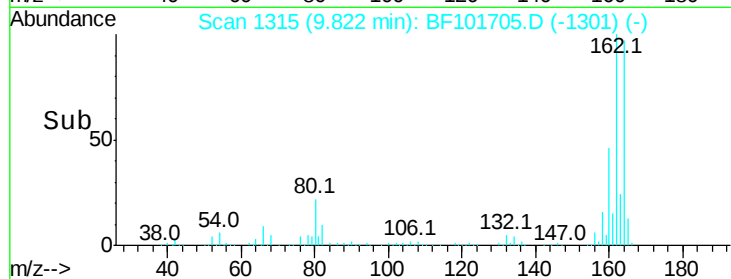
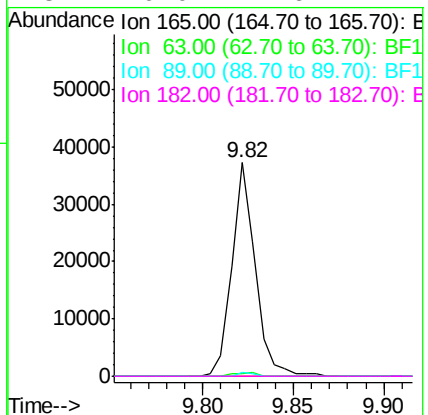
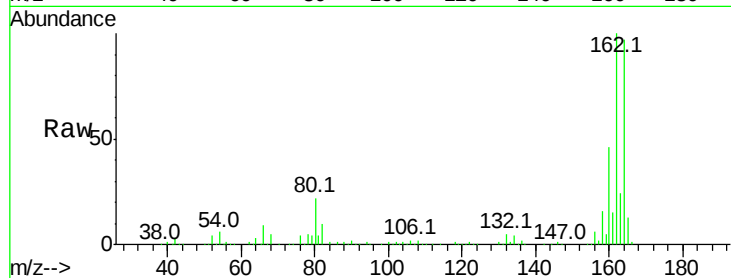




#56
2,4-Dinitrotoluene
Concen: 6.827 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101705.D
Acq: 26 Dec 2017 10:36

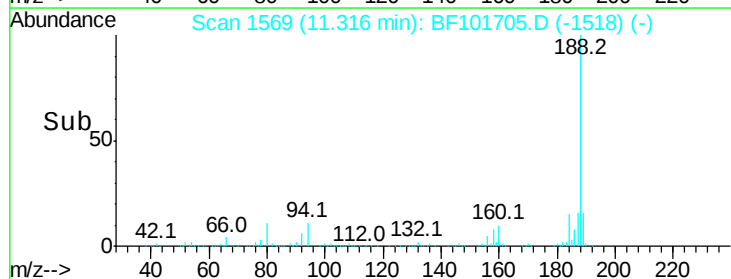
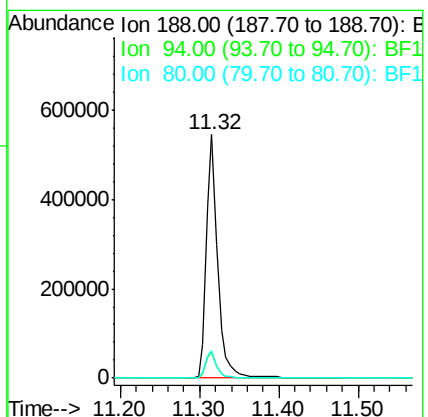
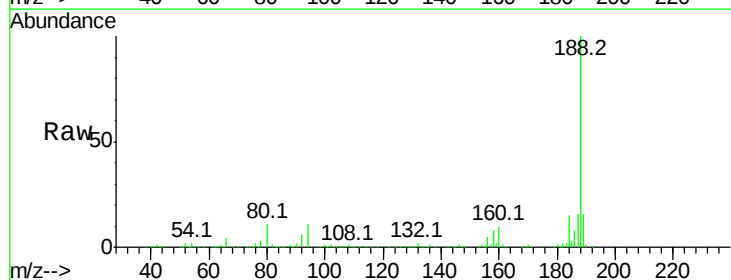
Instrument :
BNA_F
ClientSampleId :
PB105279BL

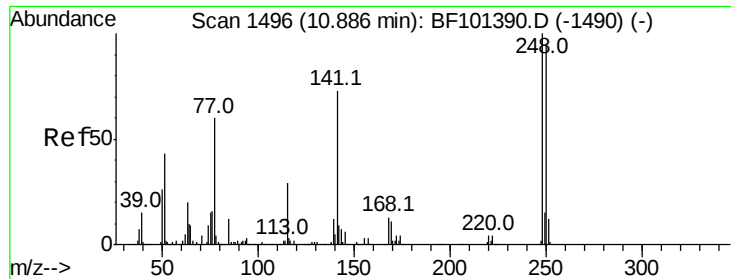
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101705.D
Acq: 26 Dec 2017 10:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.1	9.2	13.8

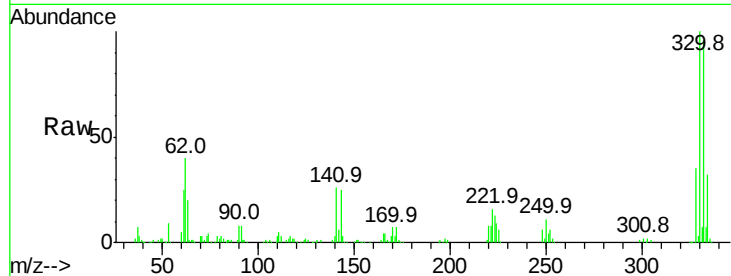




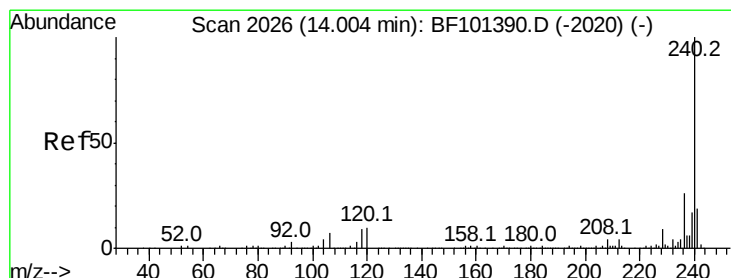
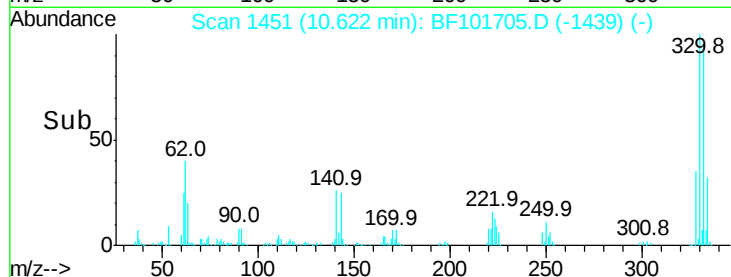
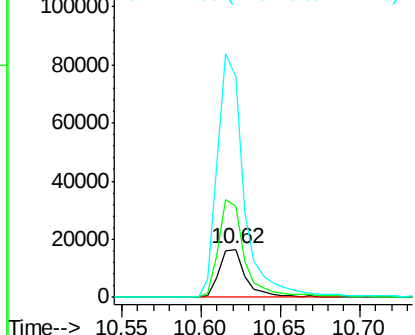
#66
4-Bromophenyl-phenylether
Concen: 3.141 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101705.D
Acq: 26 Dec 2017 10:36

Instrument :
BNA_F
ClientSampled :
PB105279BL

Tot Ion:248 Resp: 19367
Ion Ratio Lower Upper
248 100
250 189.7 76.9 115.3#
141 455.3 74.4 111.6#

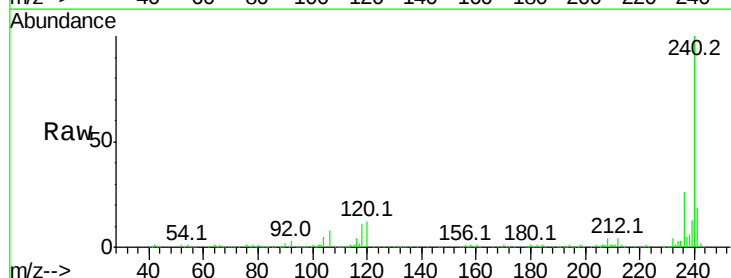


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

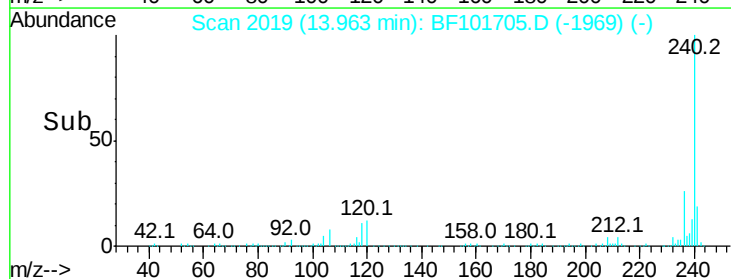
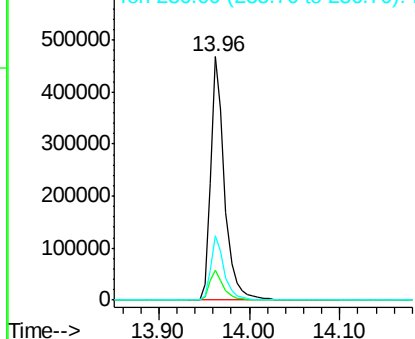


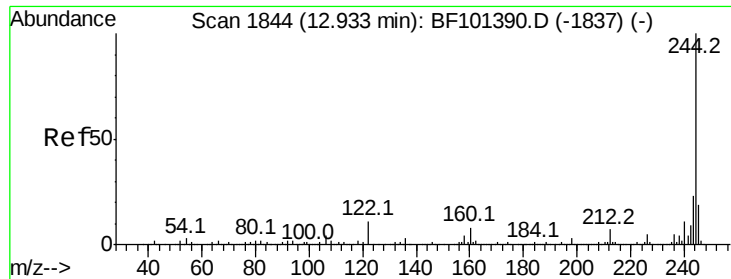
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101705.D
Acq: 26 Dec 2017 10:36

Tgt Ion:240 Resp: 501610
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.3 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: 69.030 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101705.D

Acq: 26 Dec 2017 10:36

Instrument :

BNA_F

ClientSampleId :

PB105279BL

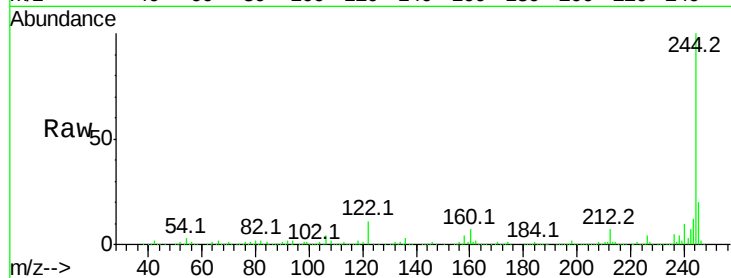
Tot Ion:244 Resp: 1436308

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

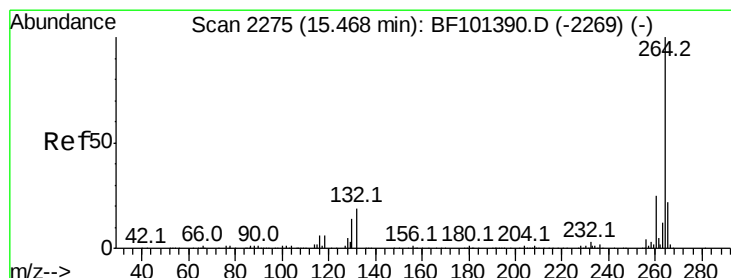
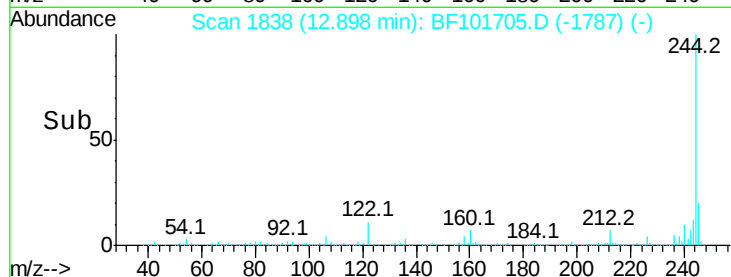
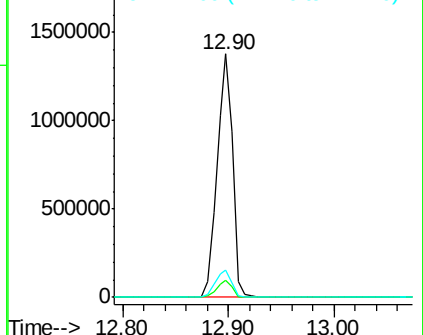
122 11.1 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF101705.D

Acq: 26 Dec 2017 10:36

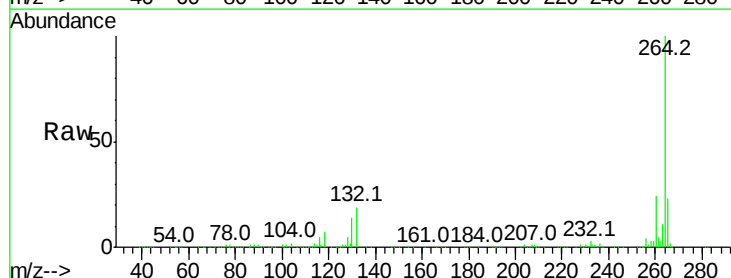
Tgt Ion:264 Resp: 460657

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.7 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

