

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101581.D
 Acq On : 20 Dec 2017 21:20
 Operator : SJ/JU
 Sample : PB105164TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105164TB

Quant Time: Dec 21 04:09:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

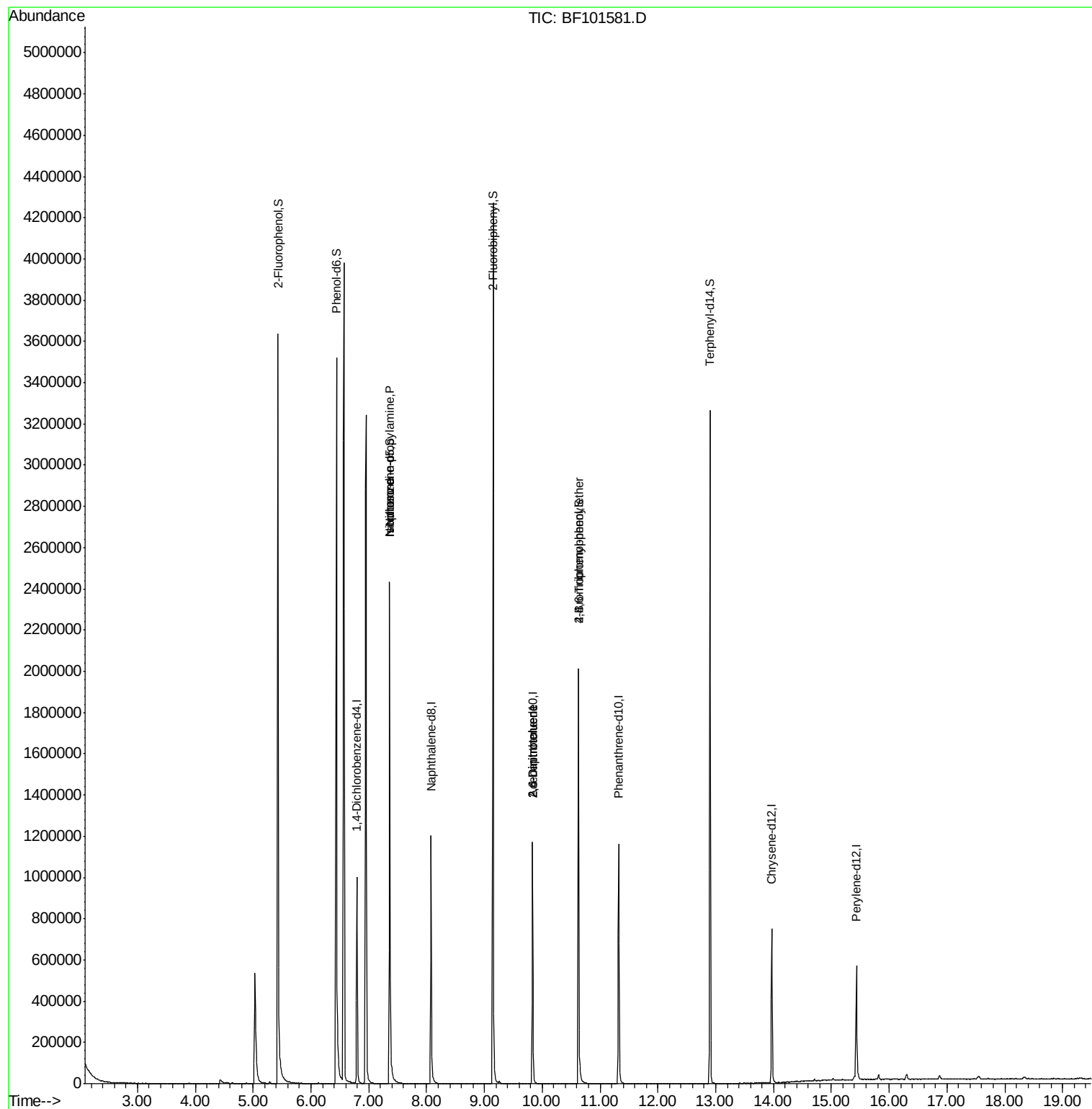
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	151542	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	610692	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	263926	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	444137	20.00	ng	0.00
75) Chrysene-d12	13.97	240	276160	20.00	ng	0.00
86) Perylene-d12	15.43	264	308355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1245333	122.41	ng	0.02
7) Phenol-d6	6.44	99	1509531	119.22	ng	0.00
23) Nitrobenzene-d5	7.36	82	997903	90.96	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	277830	109.25	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1575007	92.57	ng	0.00
78) Terphenyl-d14	12.90	244	1164550	101.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	135515	16.298	ng	# 84
25) Isophorone	7.36	82	997903	45.343	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	33178	7.690	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	33178	6.825	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	17440	3.495	ng	# 1

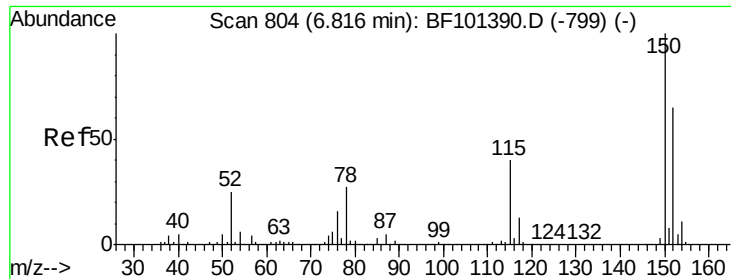
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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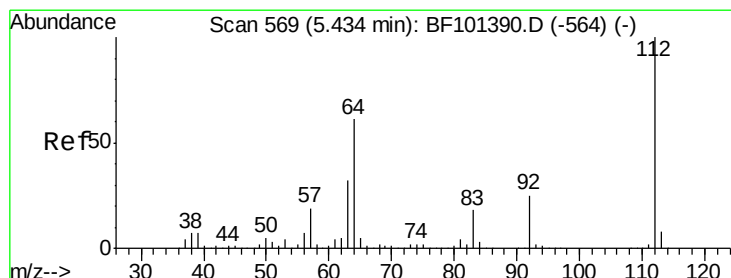
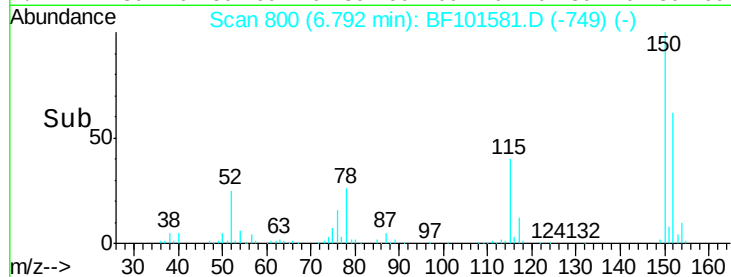
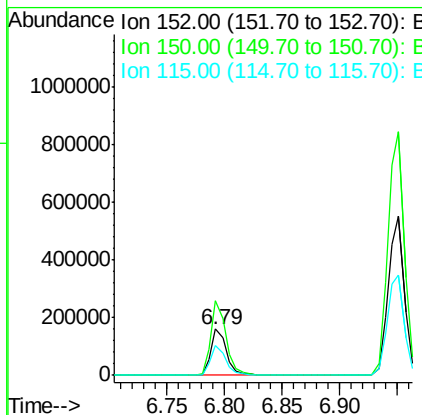
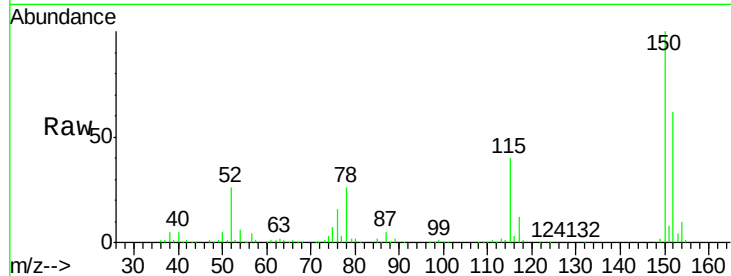


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101581.D
Acq: 20 Dec 2017 21:20

Instrument :
BNA_F
ClientSampled :
PB105164TB

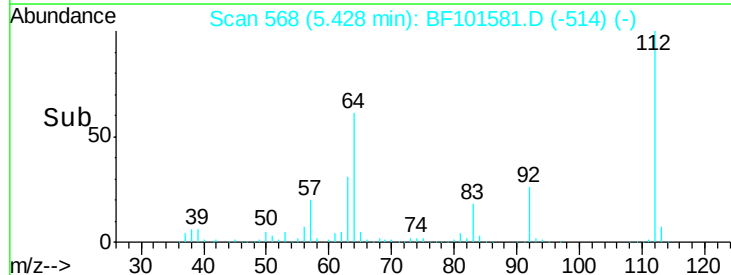
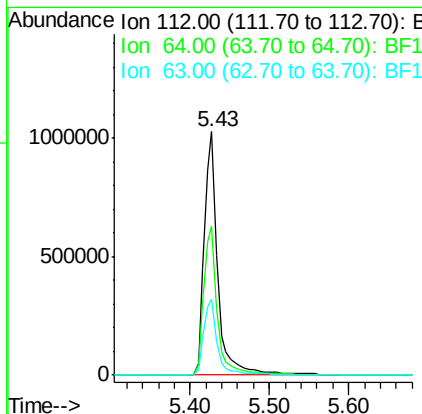
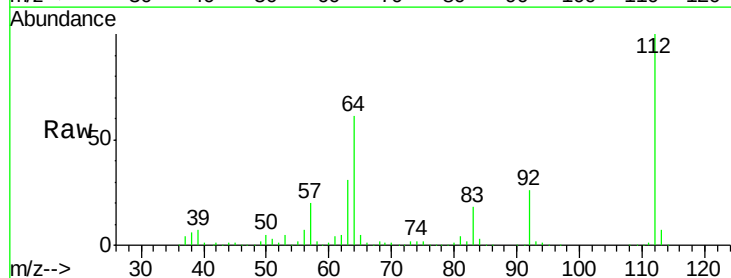
Tot Ion:152 Resp: 151542
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 65.5 50.1 75.1

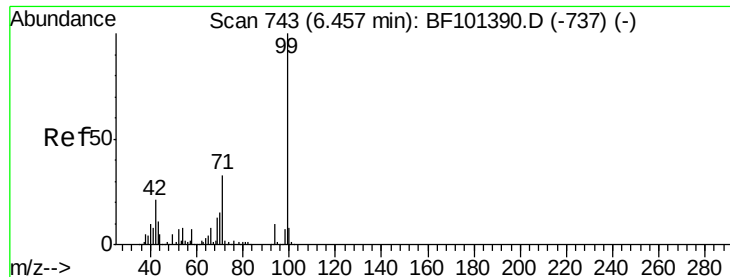


#5

2-Fluorophenol
Concen: 122.410 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101581.D
Acq: 20 Dec 2017 21:20

Tgt Ion:112 Resp: 1245333
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 119.224 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101581.D

Acq: 20 Dec 2017 21:20

Instrument :

BNA_F

ClientSampleId :

PB105164TB

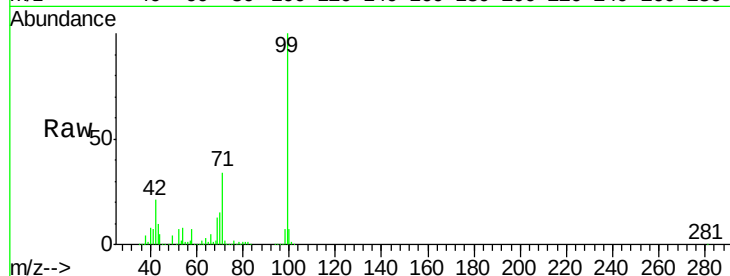
Tot Ion: 99 Resp: 1509531

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

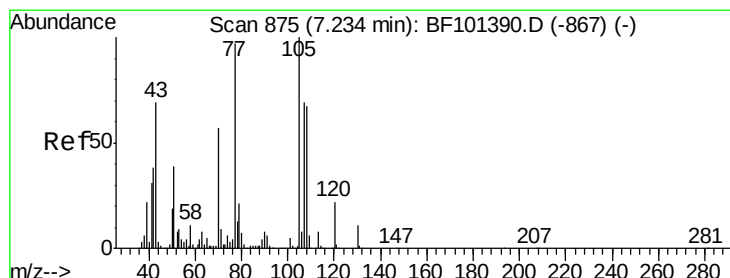
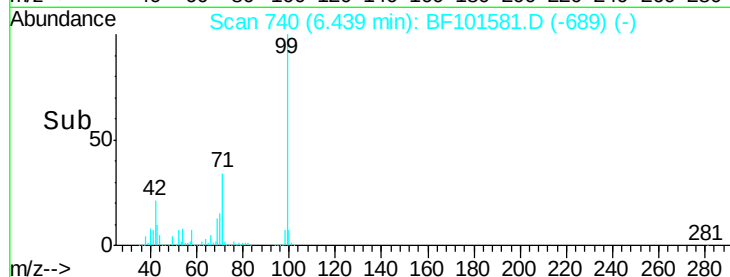
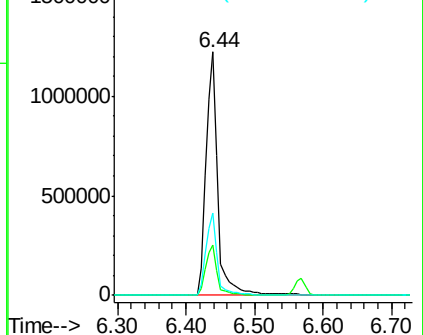
71 33.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.298 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101581.D

Acq: 20 Dec 2017 21:20

Tgt Ion: 70 Resp: 135515

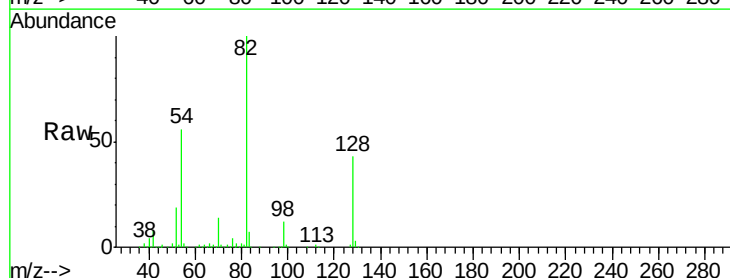
Ion Ratio Lower Upper

70 100

42 54.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

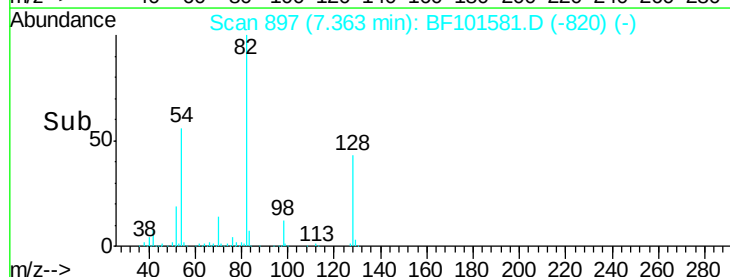
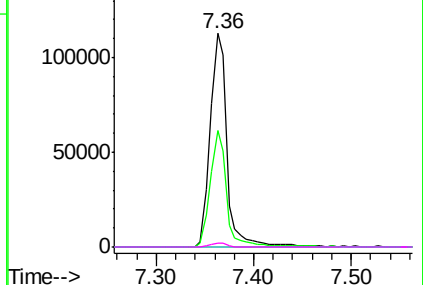


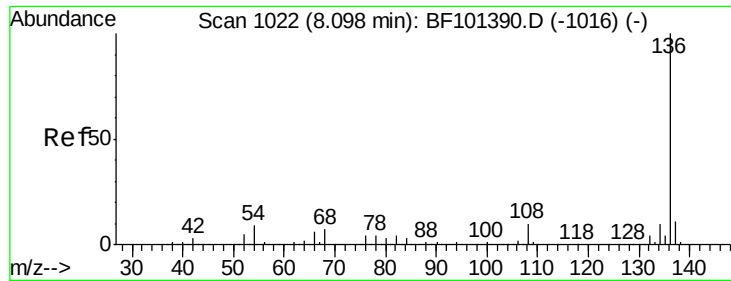
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

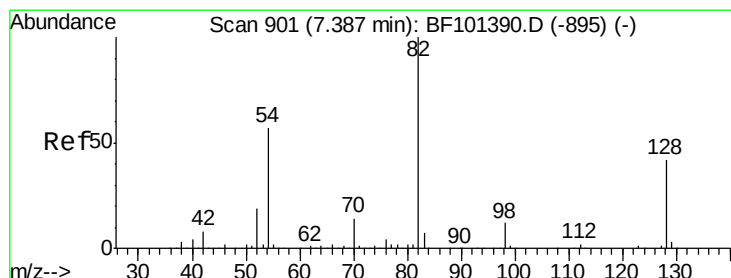
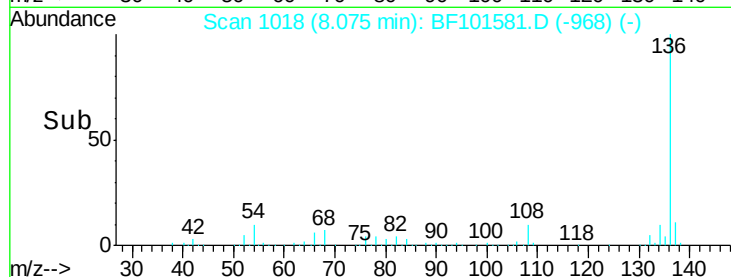
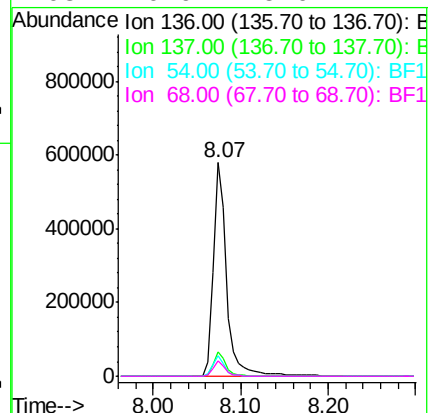
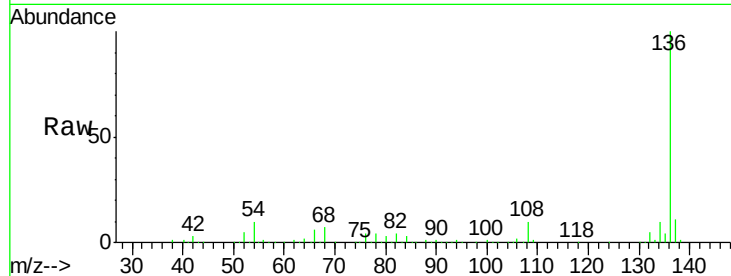




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101581.D
Acq: 20 Dec 2017 21:20

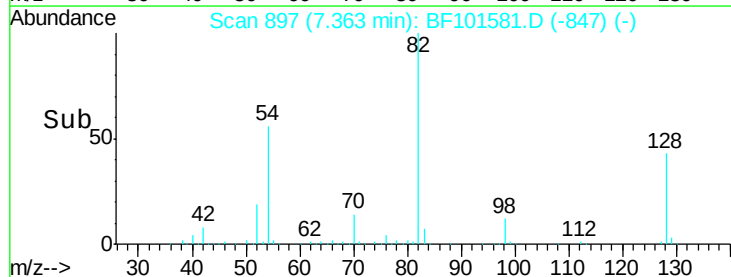
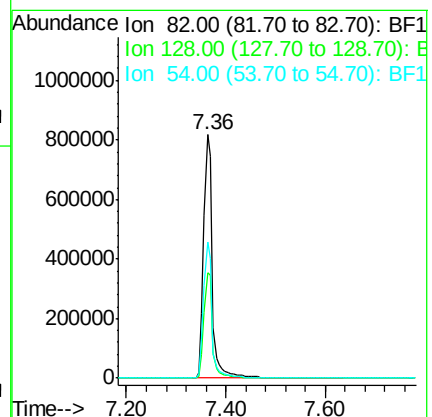
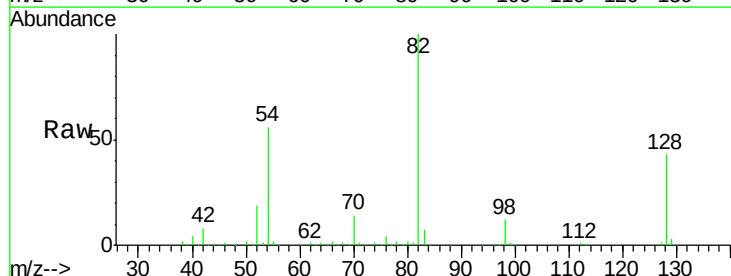
Instrument :
BNA_F
ClientSampleId :
PB105164TB

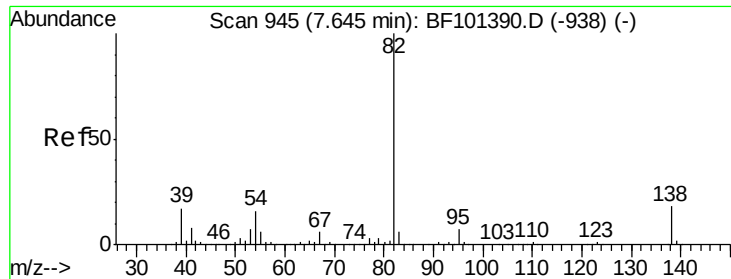
Tot Ion:136	Resp:	610692
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	9.5	6.6 9.8
68	6.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.961 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101581.D
Acq: 20 Dec 2017 21:20

Tgt Ion: 82	Resp:	997903
Ion	Ratio	Lower Upper
82	100	
128	43.4	36.1 54.1
54	55.9	41.4 62.2

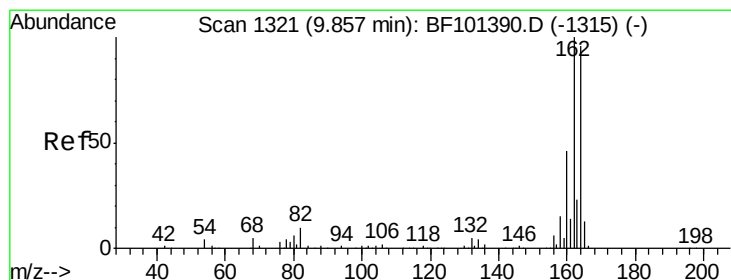
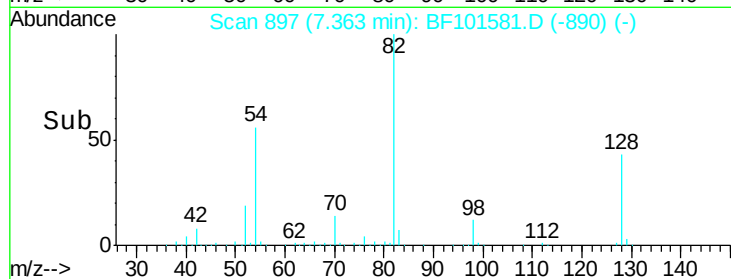
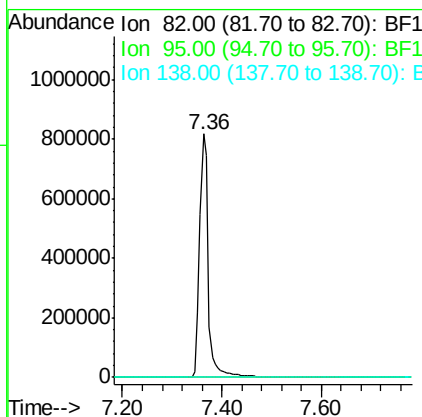
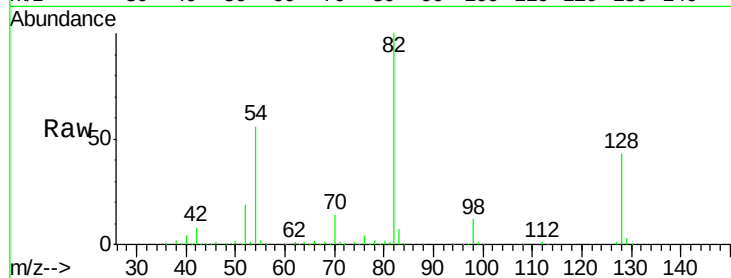




#25
Isophorone
Concen: 45.343 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101581.D
Acq: 20 Dec 2017 21:20

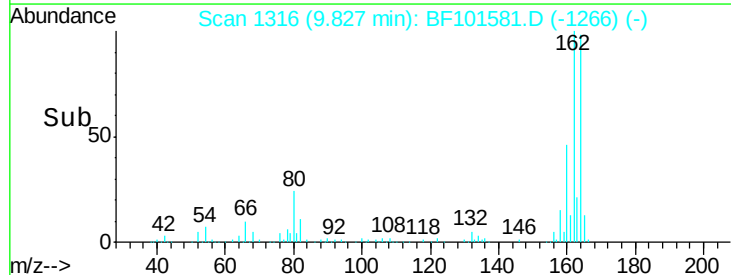
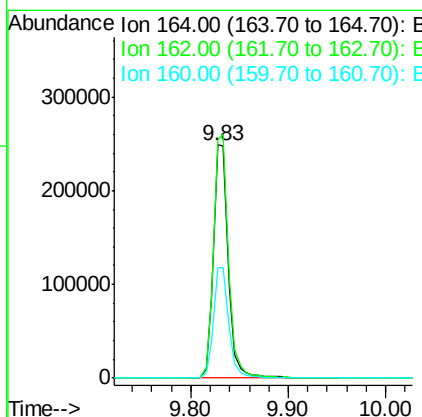
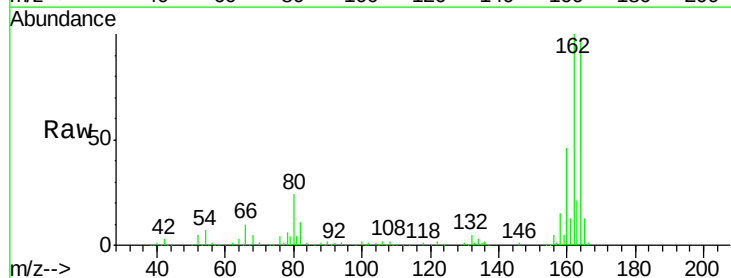
Instrument :
BNA_F
ClientSampleId :
PB105164TB

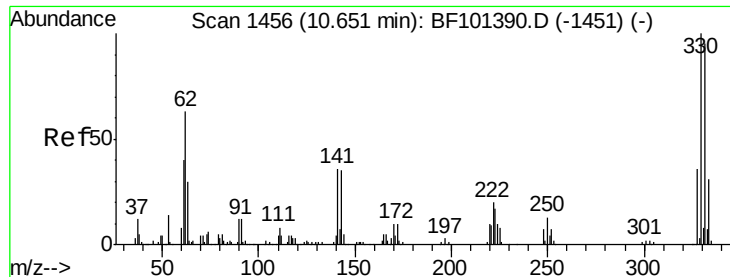
Tot Ion: 82 Resp: 997903
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF101581.D
Acq: 20 Dec 2017 21:20

Tgt Ion: 164 Resp: 263926
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 47.4 38.3 57.5

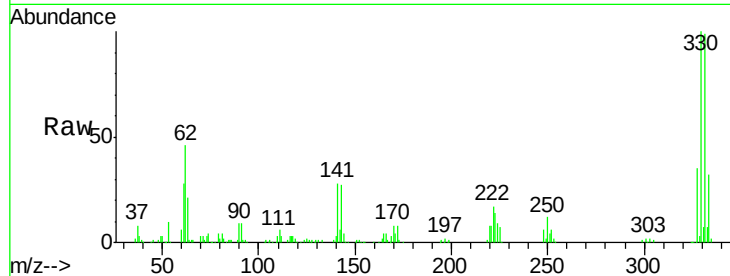




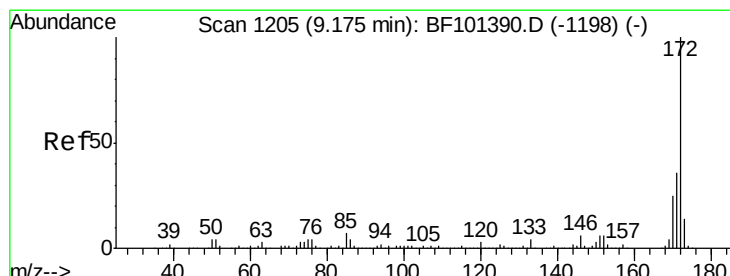
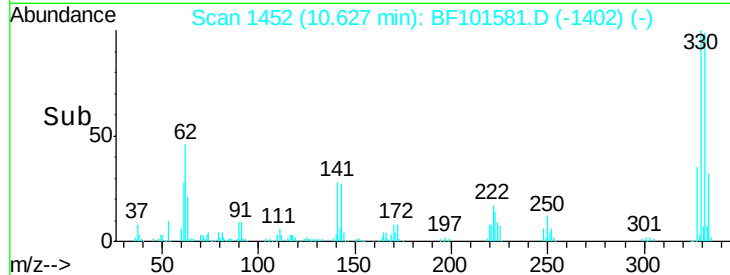
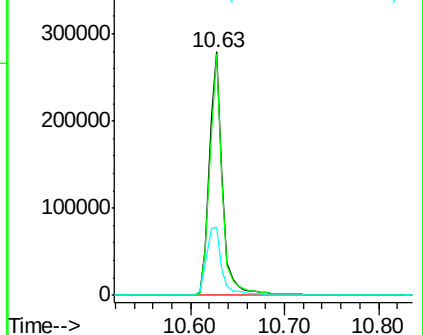
#41
 2,4,6-Tribromophenol
 Concen: 109.247 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101581.D
 Acq: 20 Dec 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105164TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.4	29.9	44.9

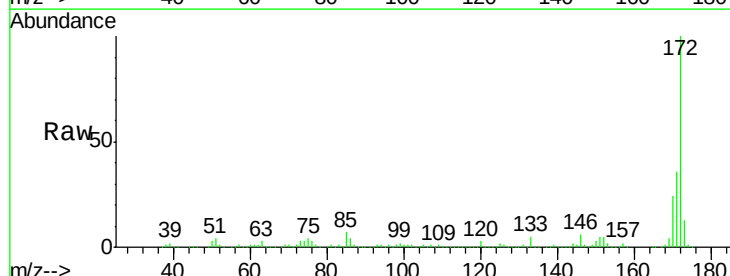


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

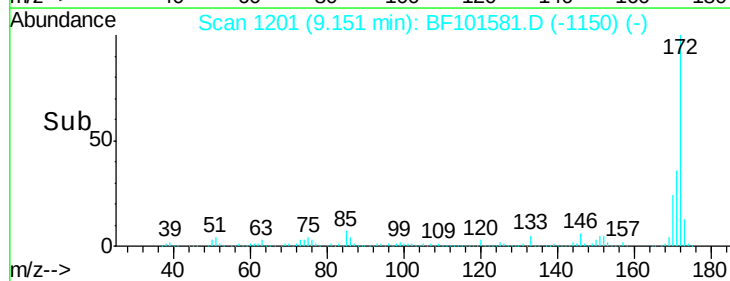
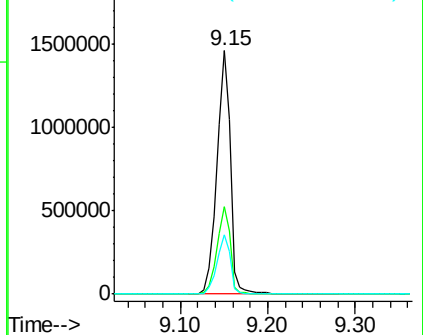


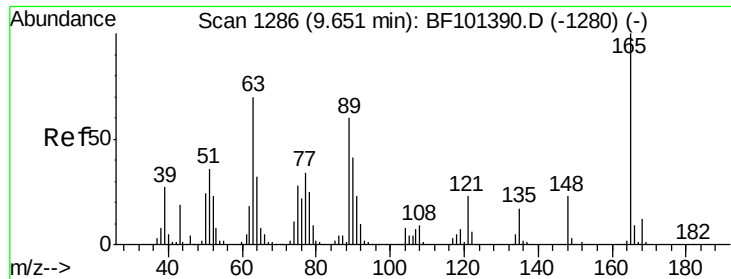
#44
 2-Fluorobiphenyl
 Concen: 92.572 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101581.D
 Acq: 20 Dec 2017 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	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

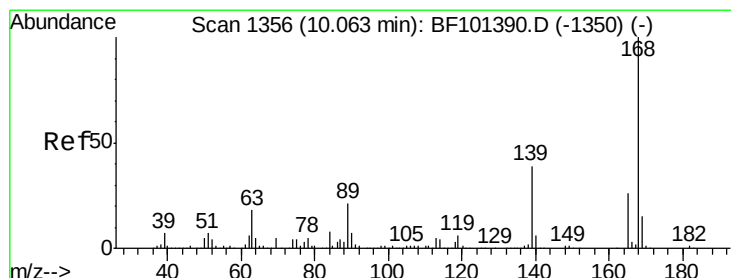
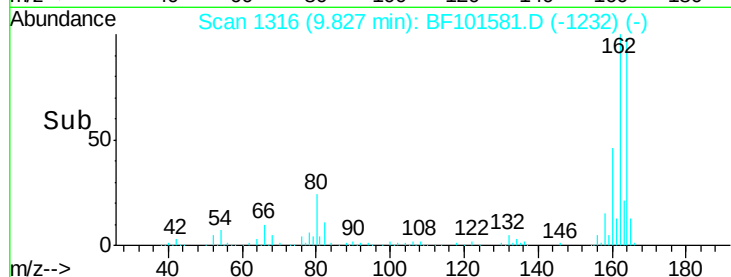
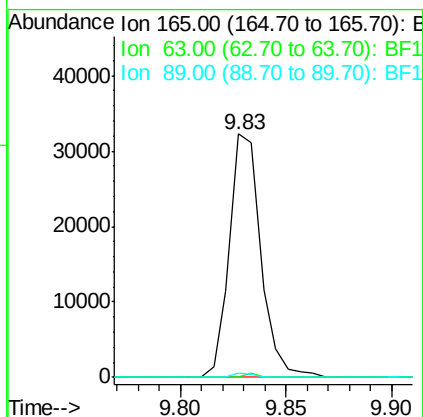
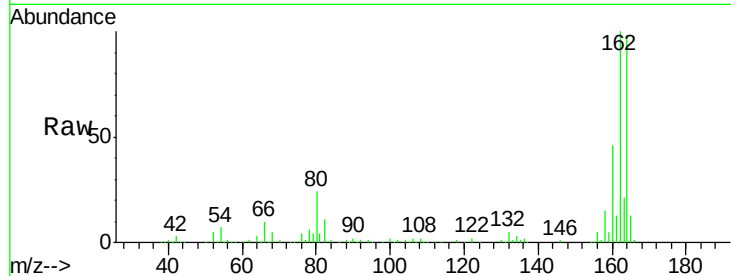




#50
 2,6-Dinitrotoluene
 Concen: 7.690 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF101581.D
 Acq: 20 Dec 2017 21:20

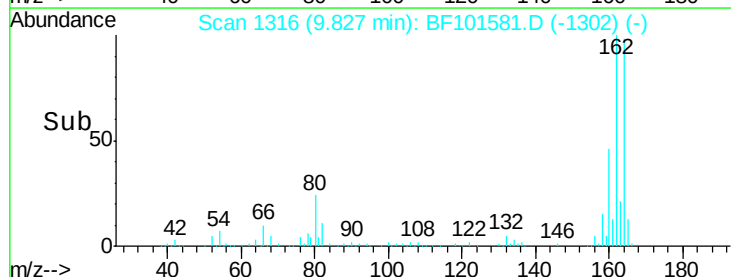
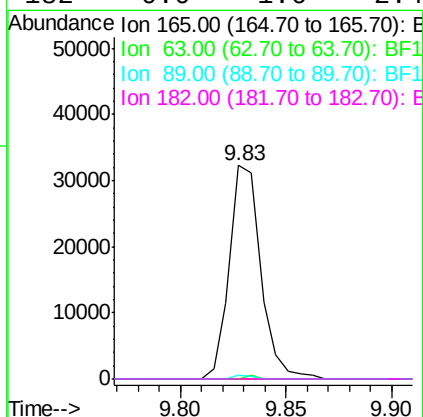
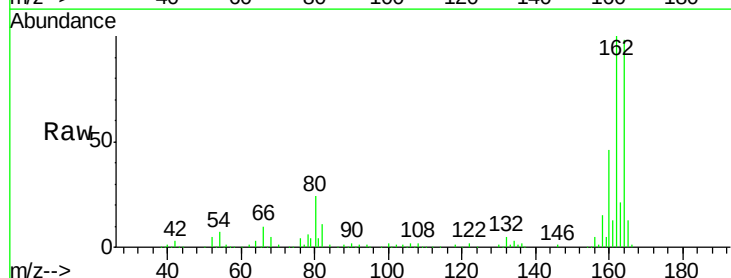
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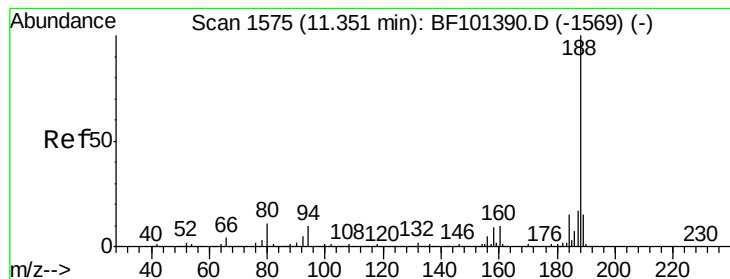
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.825 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF101581.D
 Acq: 20 Dec 2017 21:20

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101581.D

Acq: 20 Dec 2017 21:20

Instrument :

BNA_F

ClientSampleId :

PB105164TB

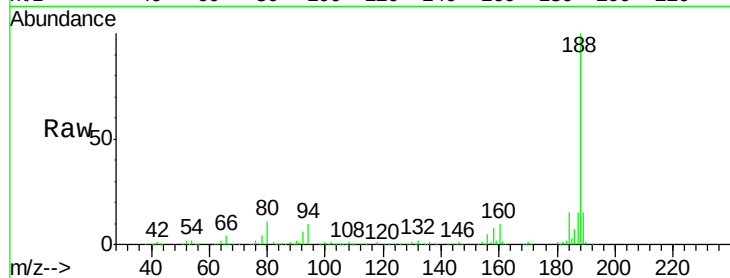
Tot Ion:188 Resp: 444137

Ion Ratio Lower Upper

188 100

94 10.4 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

11.32

400000

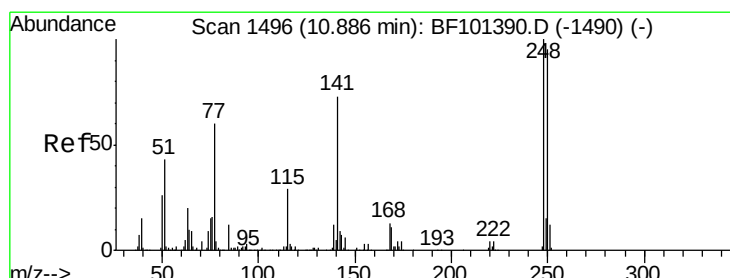
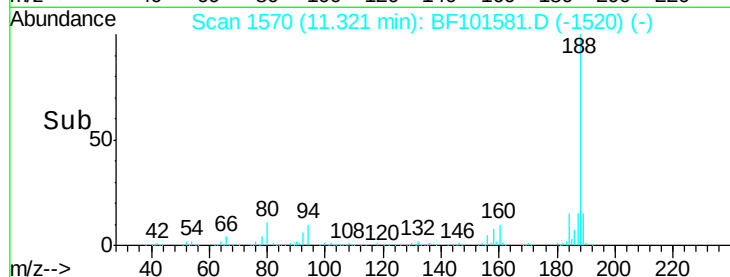
300000

200000

100000

0

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.495 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF101581.D

Acq: 20 Dec 2017 21:20

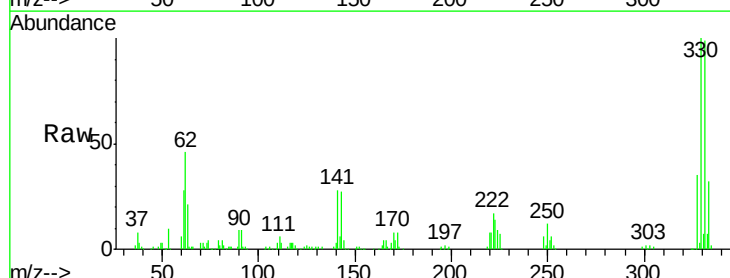
Tgt Ion:248 Resp: 17440

Ion Ratio Lower Upper

248 100

250 205.0 76.9 115.3#

141 478.3 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

10.63

100000

80000

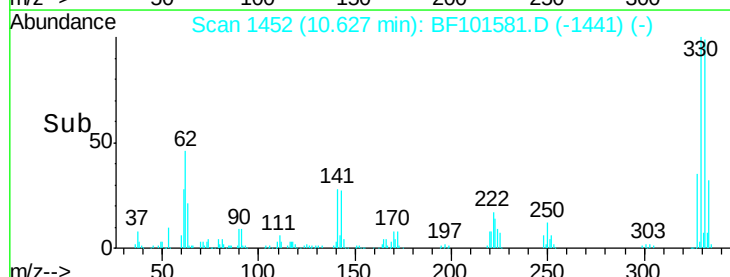
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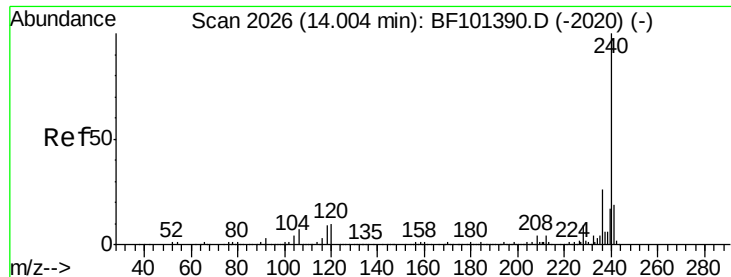
40000

20000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101581.D

Acq: 20 Dec 2017 21:20

Instrument :

BNA_F

ClientSampleId :

PB105164TB

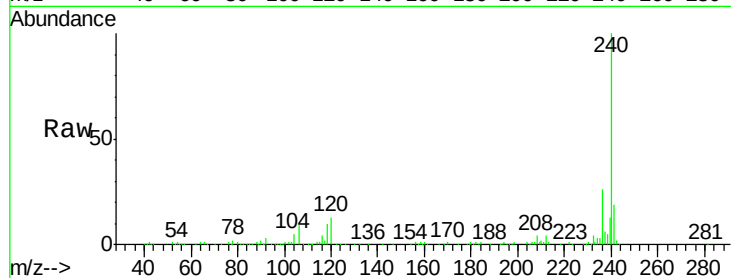
Tot Ion:240 Resp: 276160

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

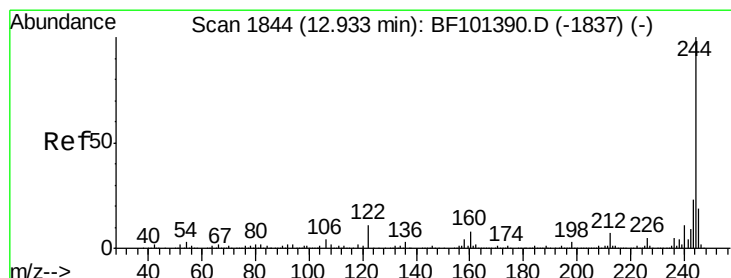
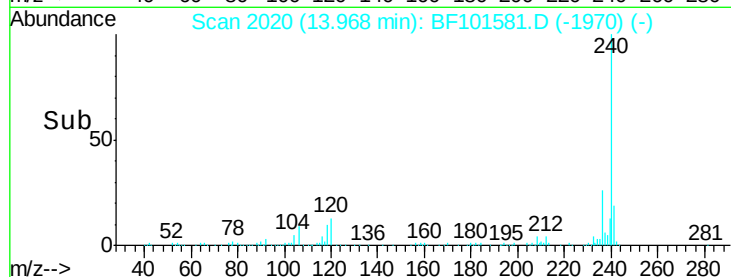
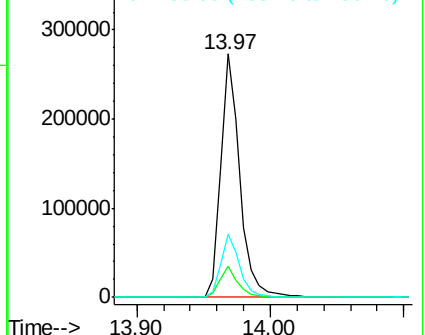
236 25.8 20.7 31.1



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: 101.661 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101581.D

Acq: 20 Dec 2017 21:20

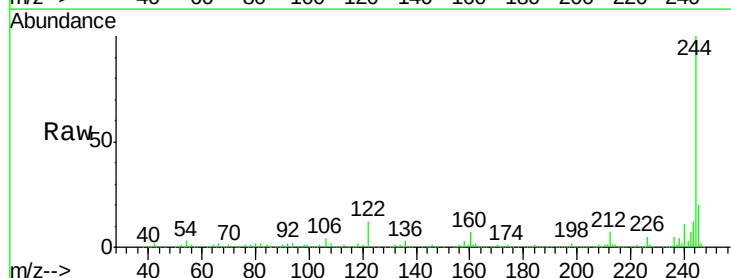
Tgt Ion:244 Resp: 1164550

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

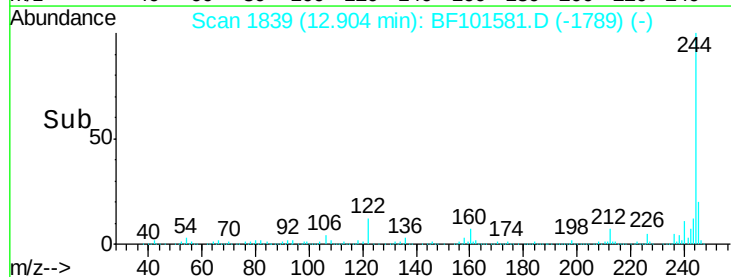
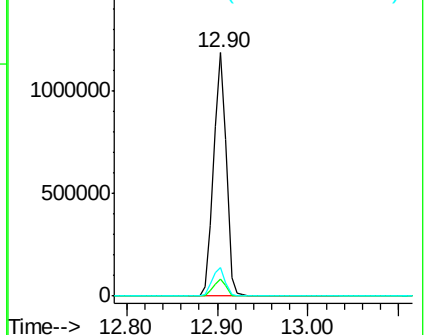
122 11.5 11.0 16.4

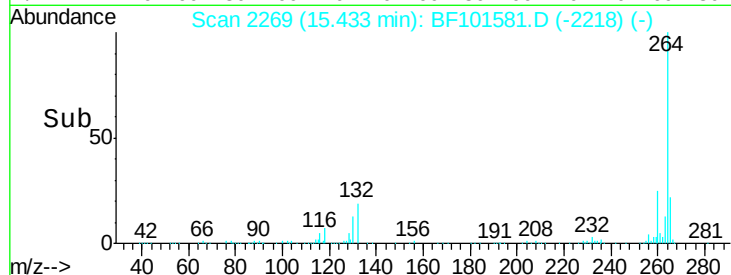
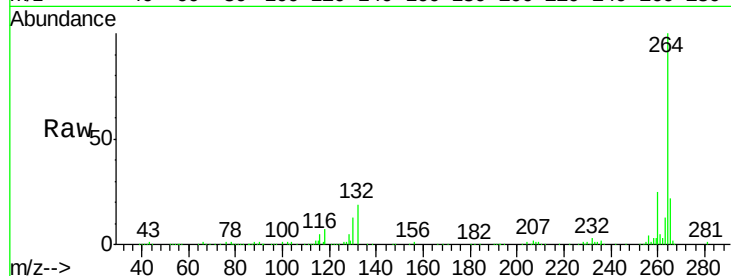
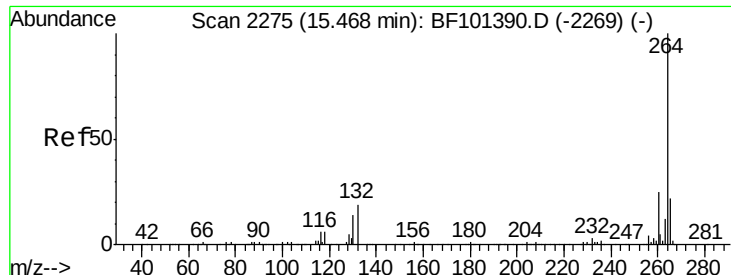


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101581.D
 Acq: 20 Dec 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :
 PB105164TB

Tot Ion:	264	Resp:	308355
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

