

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101163.D
 Acq On : 6 Dec 2017 13:16
 Operator : SJ/JU
 Sample : I6620-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10-12)-20171128

Quant Time: Dec 06 14:39:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

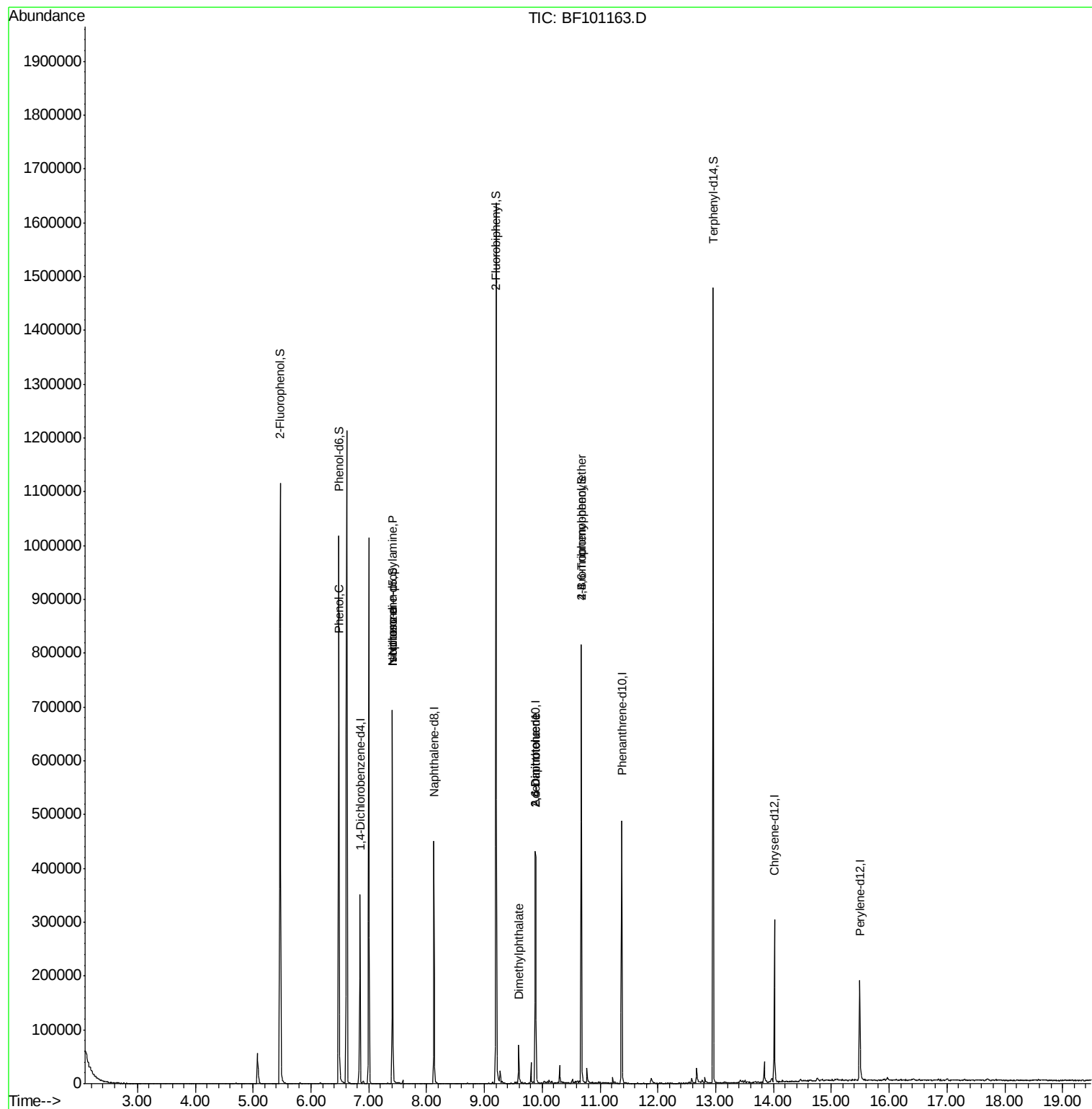
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48330	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	190819	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	91503	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	180614	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106432	20.00	ng	0.00
86) Perylene-d12	15.49	264	102683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	306686	104.86	ng	0.00
7) Phenol-d6	6.48	99	372787	104.98	ng	0.00
23) Nitrobenzene-d5	7.41	82	233600	73.03	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	98250	89.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	521740	78.01	ng	0.00
78) Terphenyl-d14	12.96	244	495434	101.82	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12493	3.164	ng	87
19) n-Nitroso-di-n-propylamine	7.41	70	29794	12.459	ng	# 83
25) Isophorone	7.41	82	233597	42.753	ng	# 64
49) Dimethylphthalate	9.59	163	31869	4.319	ng	99
50) 2,6-Dinitrotoluene	9.88	165	11569	7.443	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	11569	5.554	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5984	2.960	ng	# 1

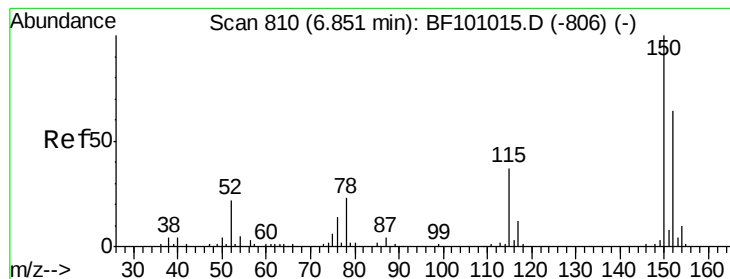
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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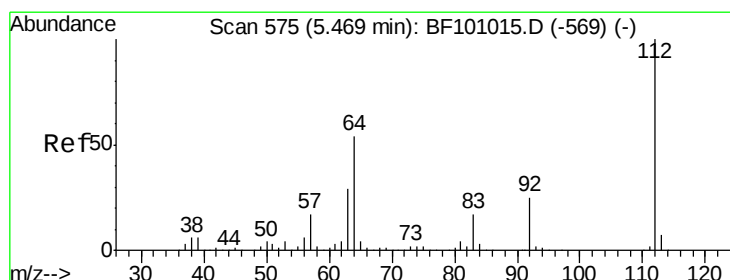
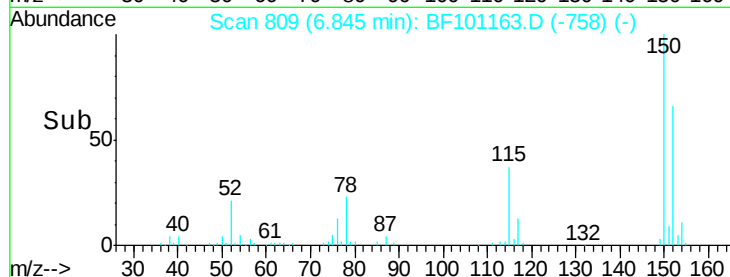
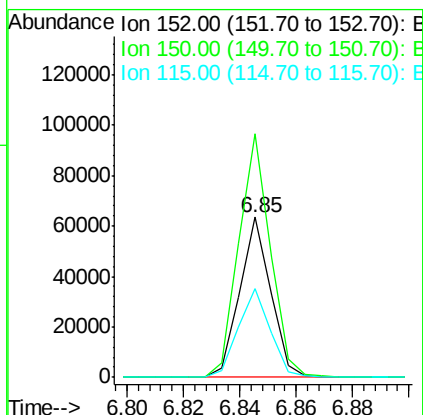
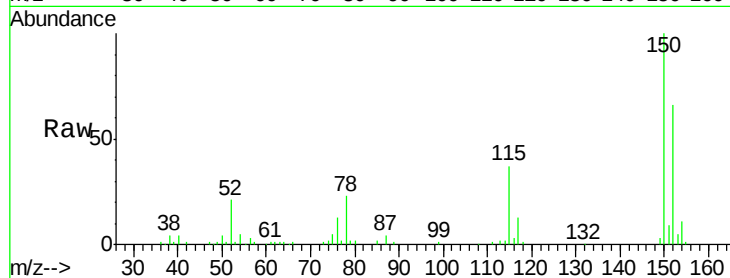


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

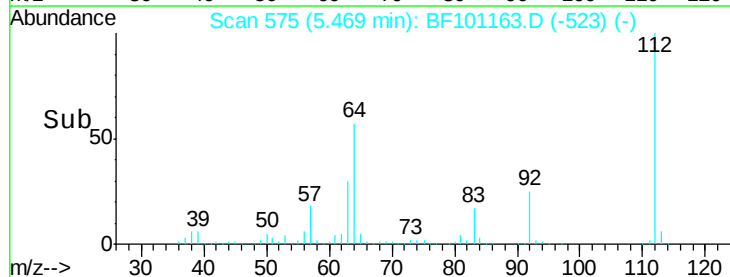
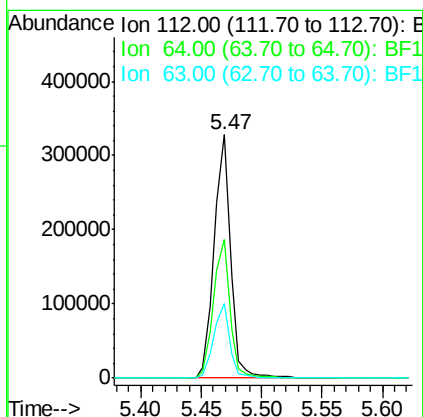
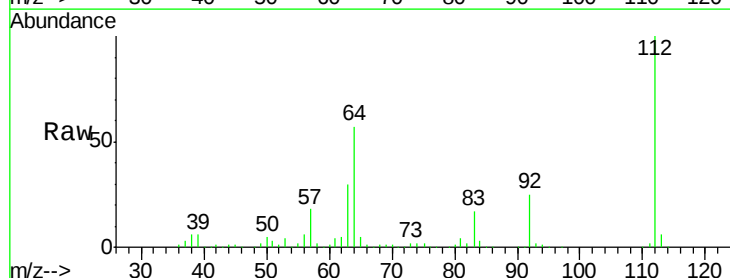
Tot Ion:152 Resp: 48330
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 55.8 50.1 75.1

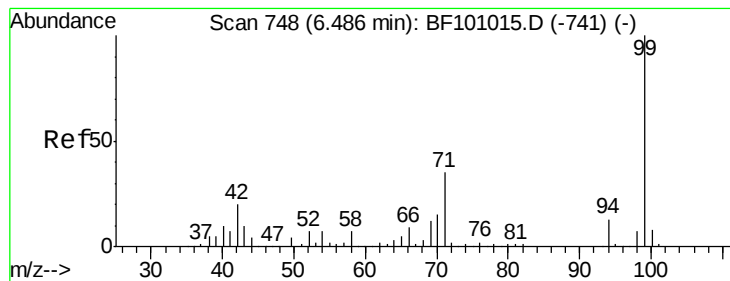


#5

2-Fluorophenol
Concen: 104.859 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:112 Resp: 306686
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 104.983 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

Instrument :

BNA_F

ClientSampleId :

SB-4(10-12)-20171128

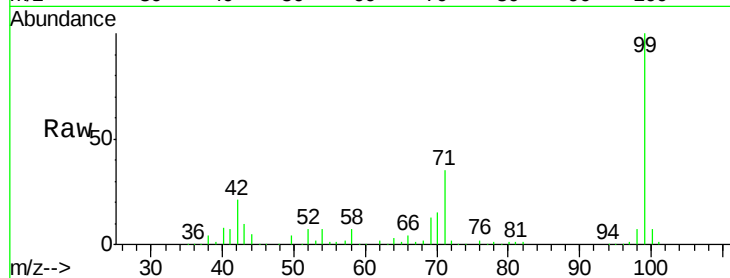
Tot Ion: 99 Resp: 372787

Ion Ratio Lower Upper

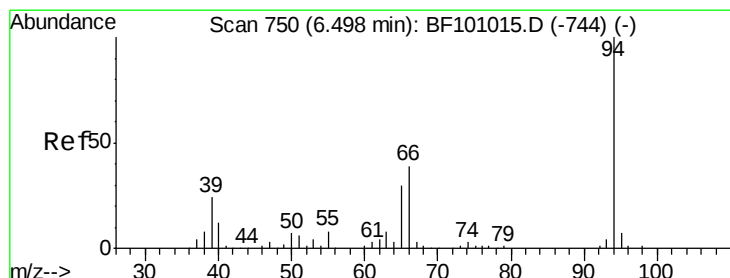
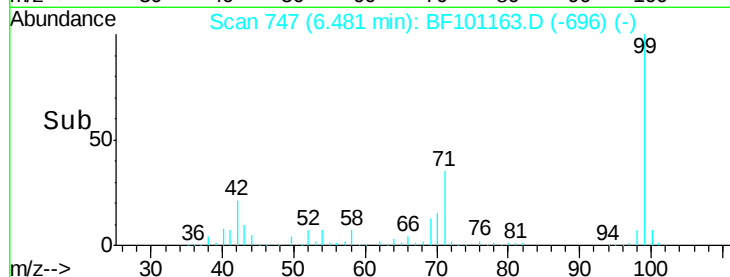
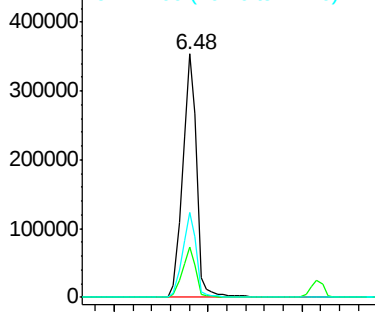
99 100

42 20.6 14.5 21.7

71 35.0 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



#10

Phenol

Concen: 3.164 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

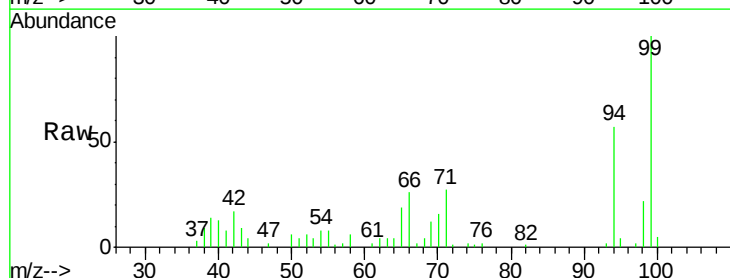
Tgt Ion: 94 Resp: 12493

Ion Ratio Lower Upper

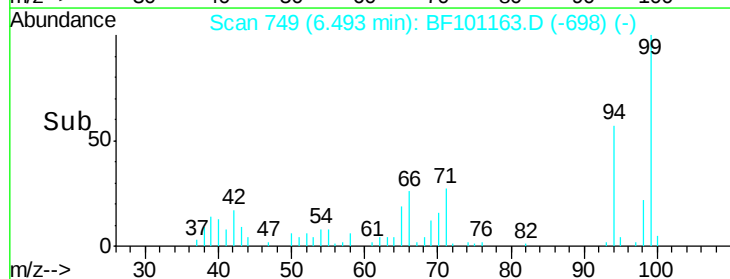
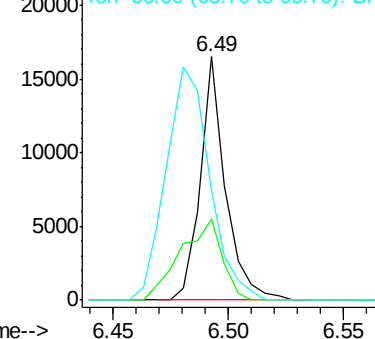
94 100

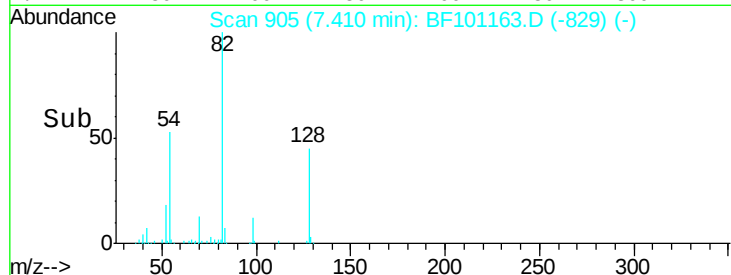
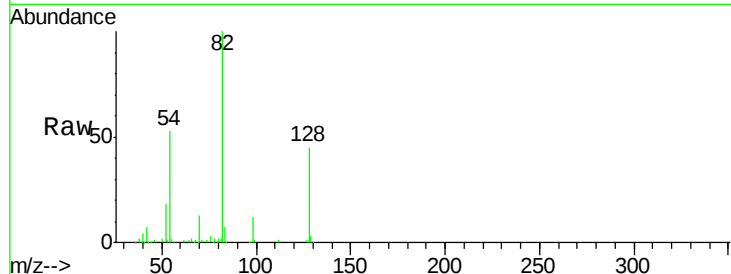
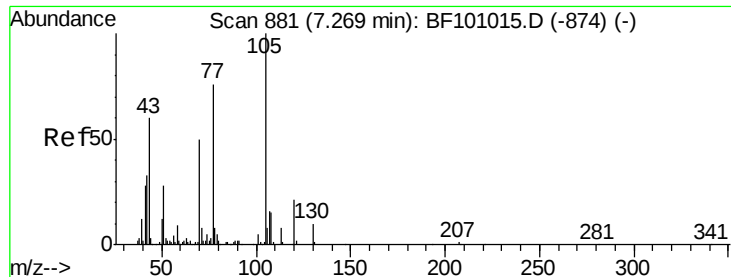
65 33.5 7.9 47.9

66 44.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

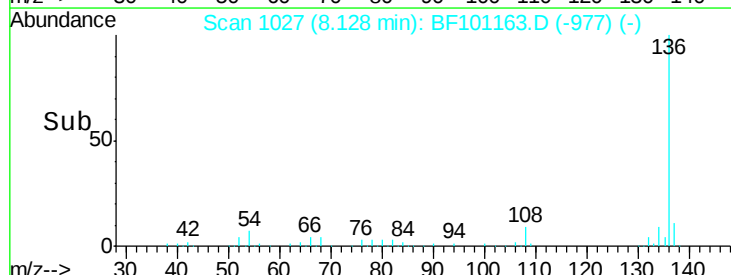
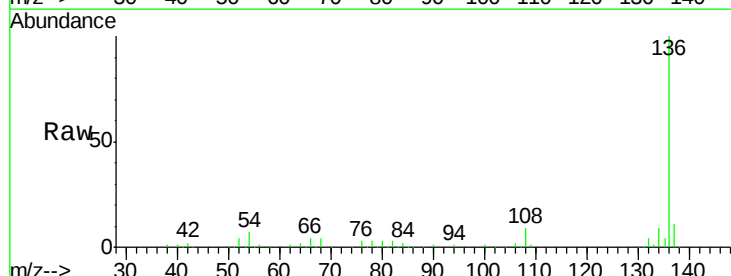
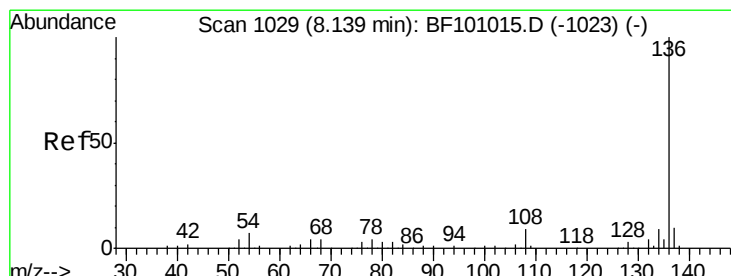
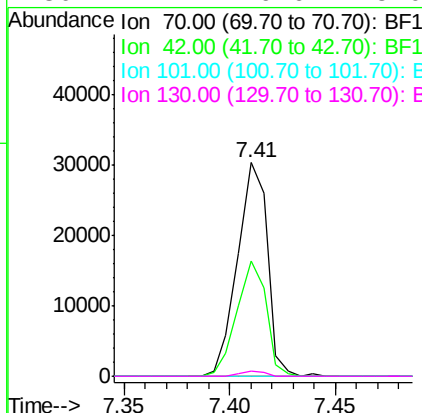




#19
n-Nitroso-di-n-propylamine
Concen: 12.459 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

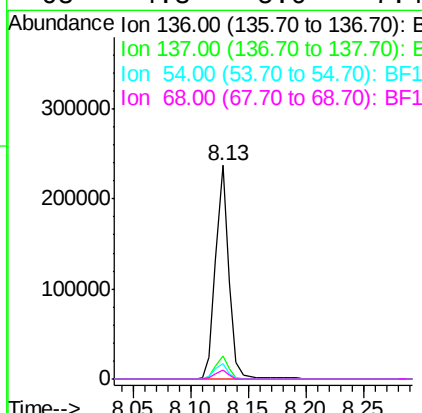
Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

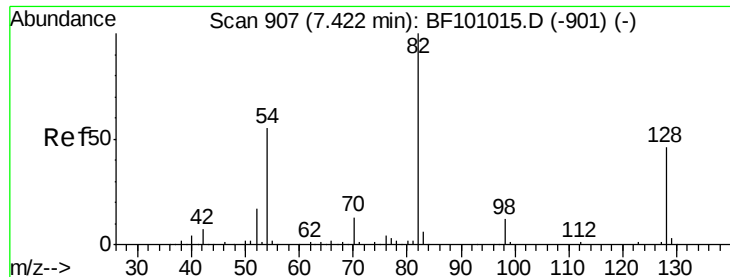
Tot Ion: 70 Resp: 29794
Ion Ratio Lower Upper
70 100
42 53.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:136 Resp: 190819
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.1 6.6 9.8
68 4.3 5.0 7.4#

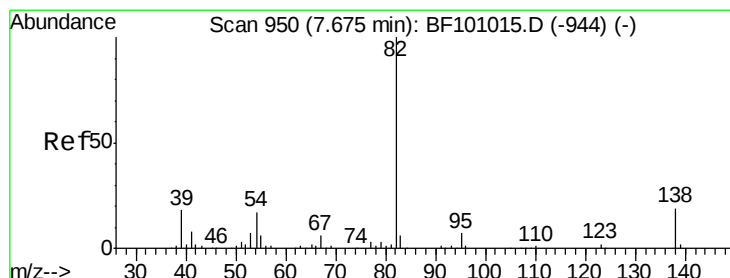
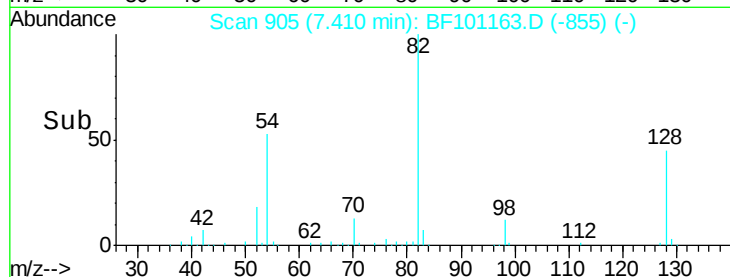
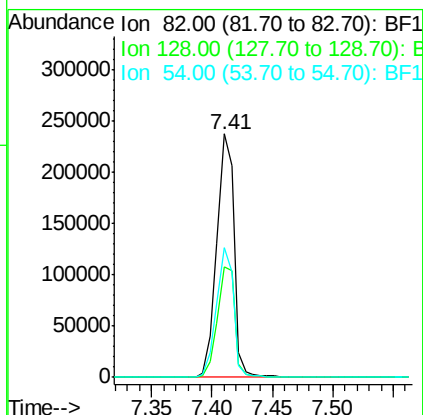
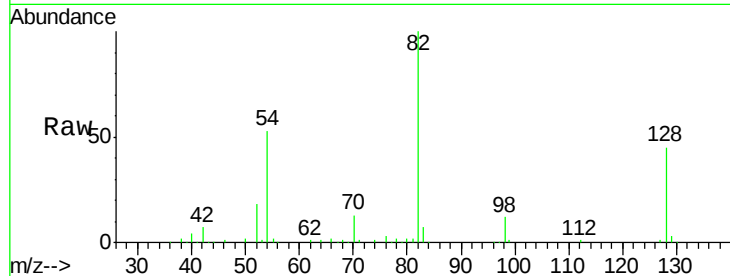




#23
Nitrobenzene-d5
Concen: 73.027 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

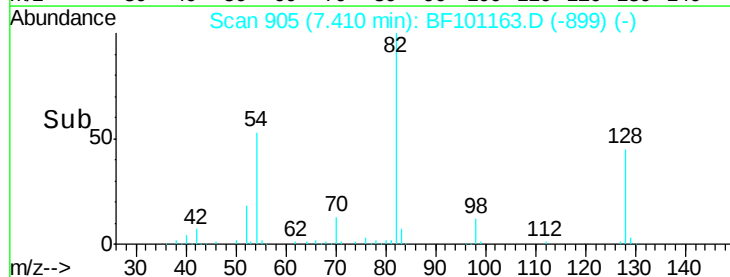
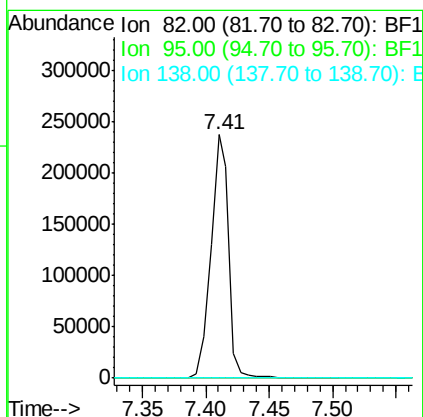
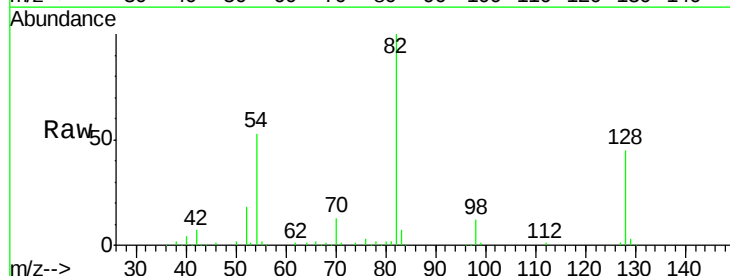
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ClientSampleId :
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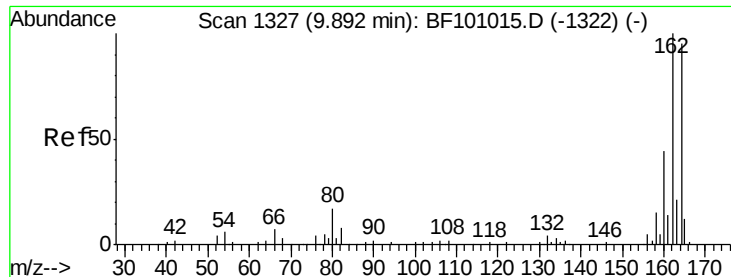
Tot Ion: 82 Resp: 233600
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 53.2 41.4 62.2



#25
Isophorone
Concen: 42.753 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion: 82 Resp: 233597
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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

Instrument :

BNA_F

ClientSampleId :

SB-4(10-12)-20171128

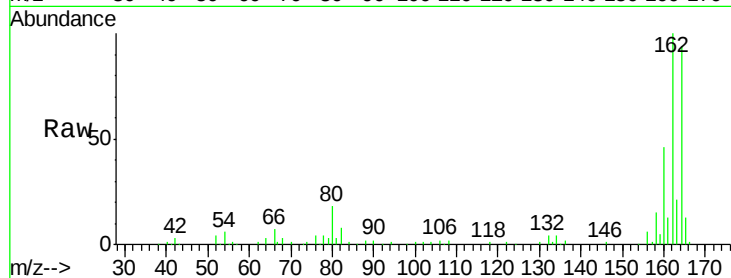
Tot Ion:164 Resp: 91503

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

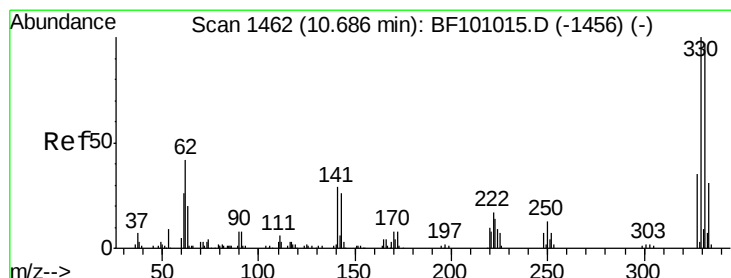
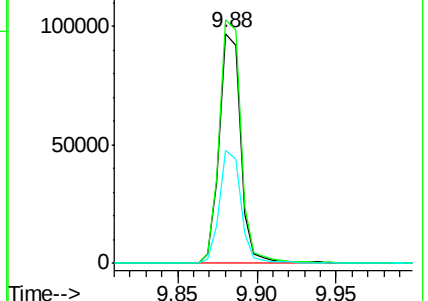
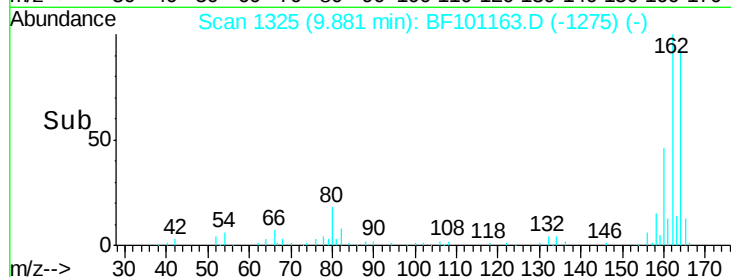
160 49.1 38.3 57.5



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: 89.382 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

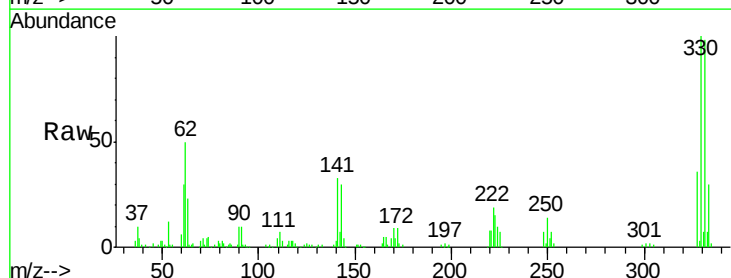
Tgt Ion:330 Resp: 98250

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

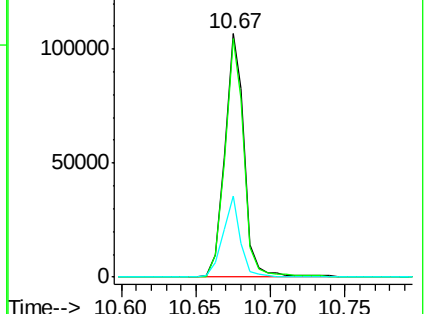
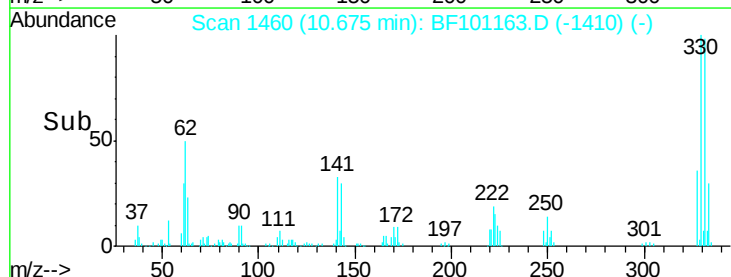
141 29.7 29.9 44.9#

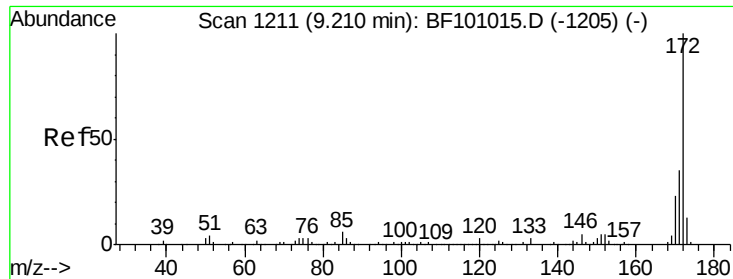


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

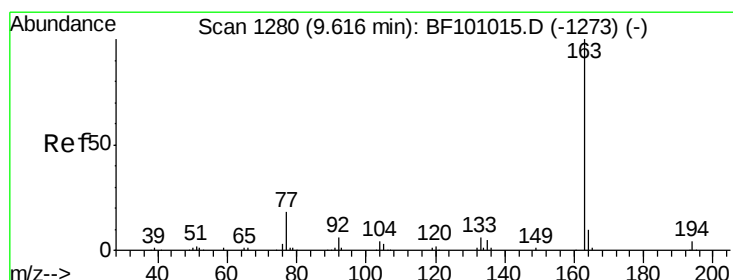
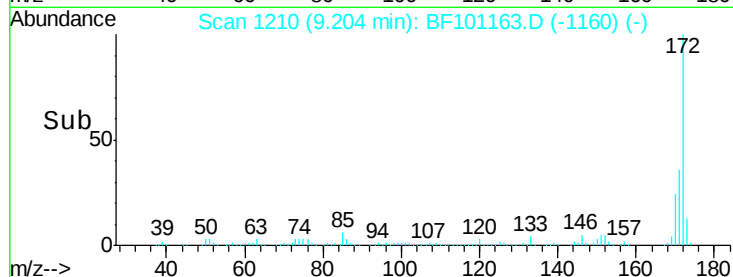
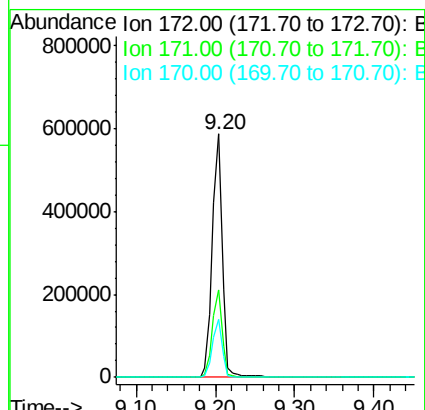
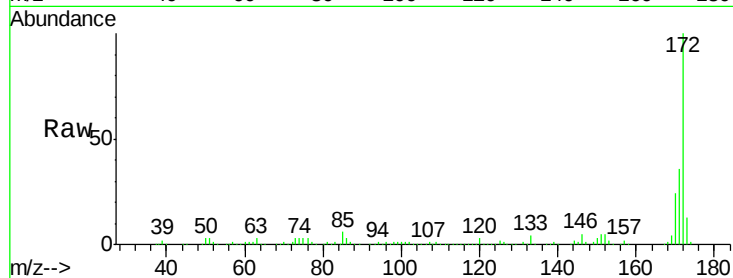




#44
2-Fluorobiphenyl
Concen: 78.013 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

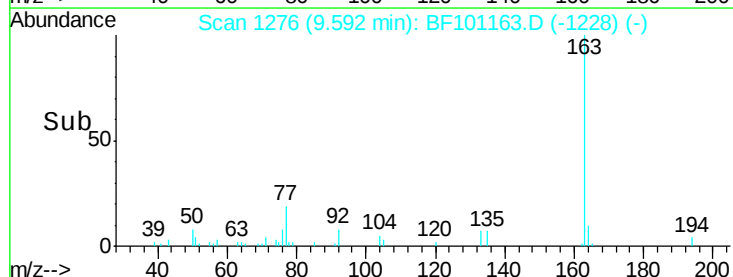
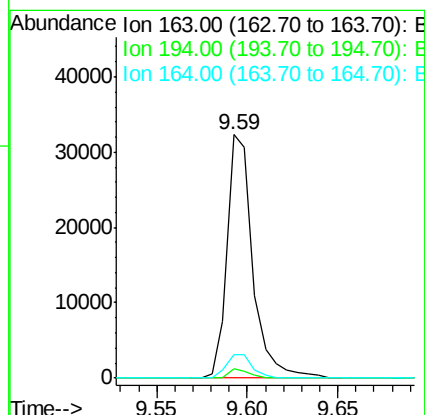
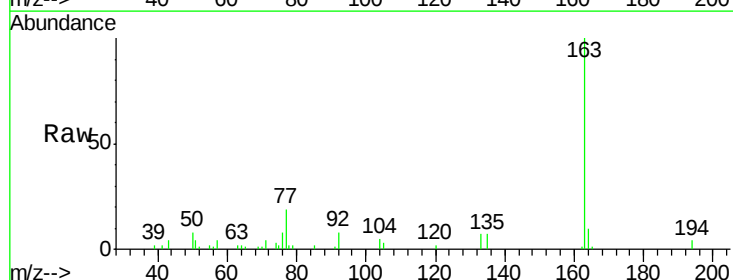
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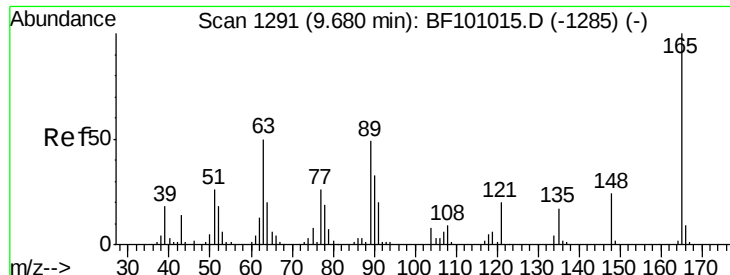
Tot Ion:172 Resp: 521740
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 4.319 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:163 Resp: 31869
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 8.2 12.2

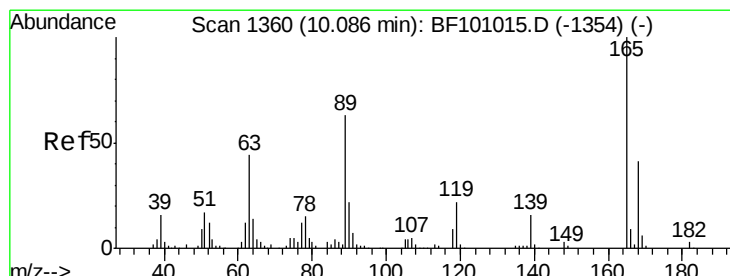
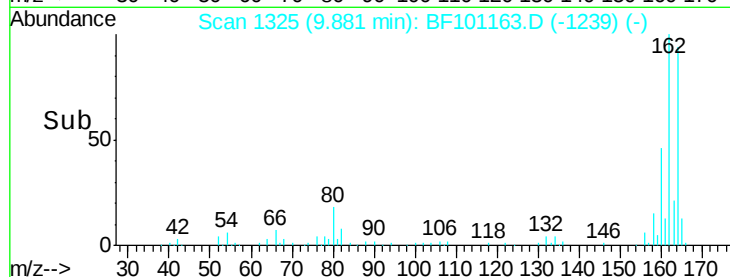
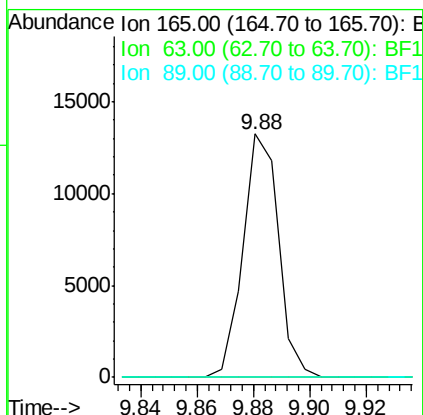
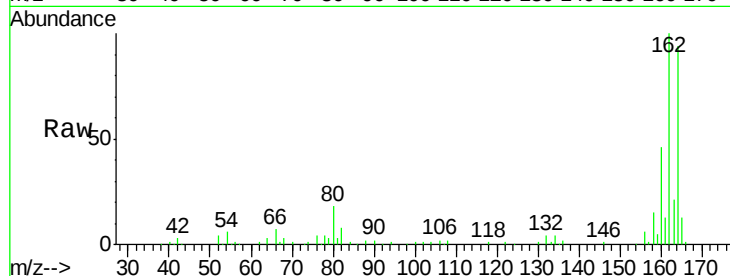




#50
 2,6-Dinitrotoluene
 Concen: 7.443 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

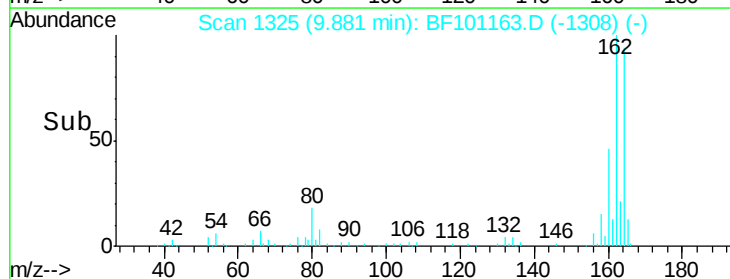
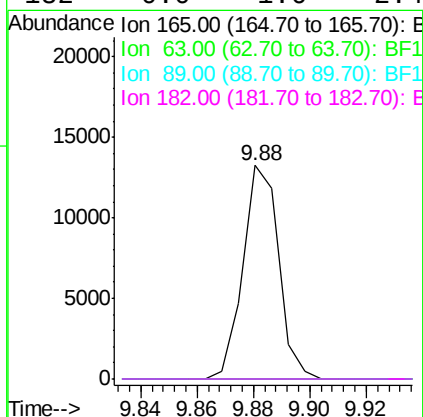
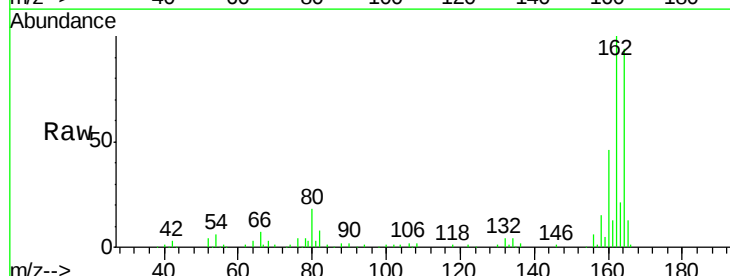
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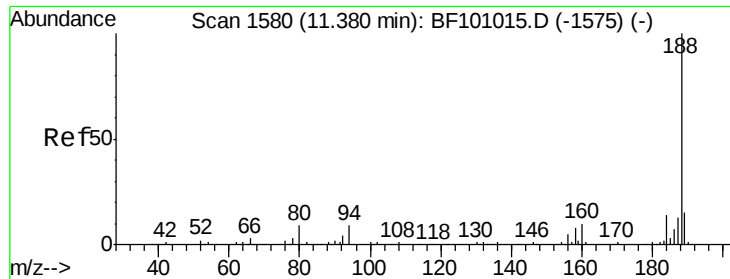
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.554 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

Tgt 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#

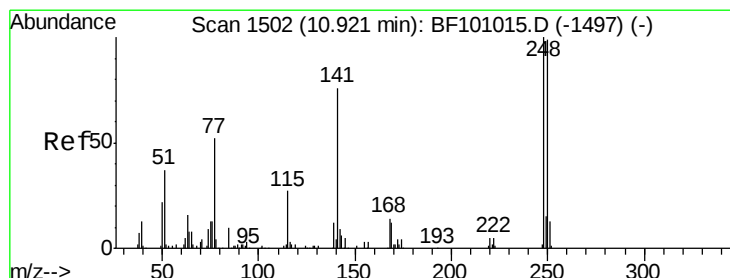
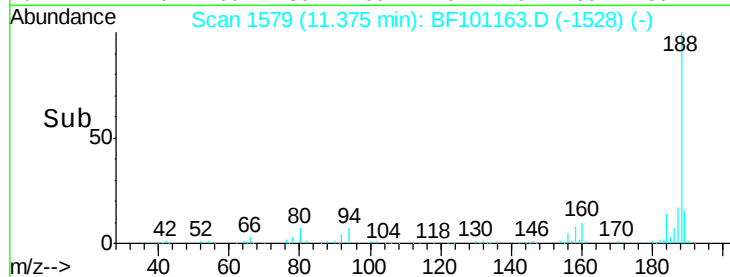
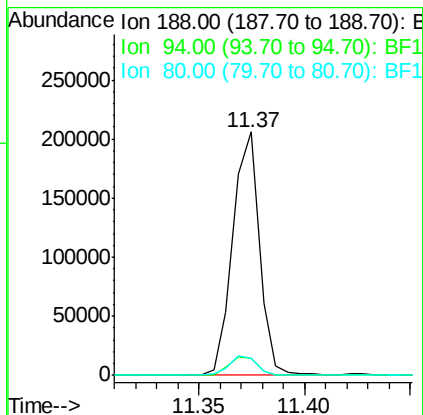
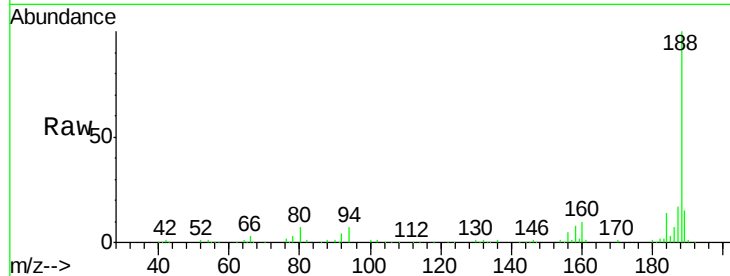




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

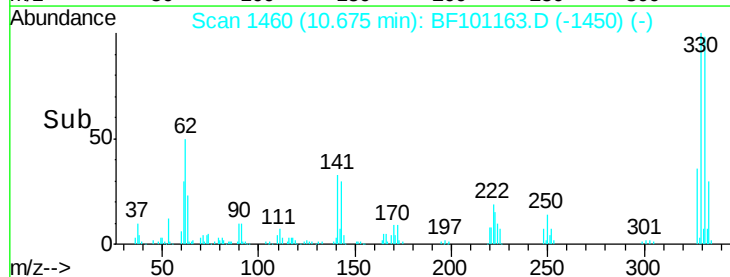
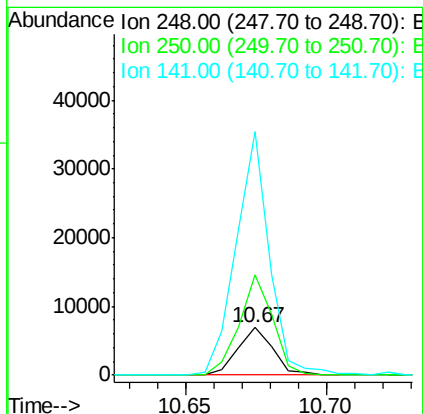
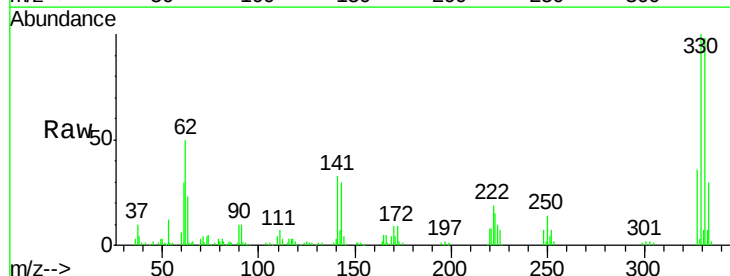
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10-12)-20171128

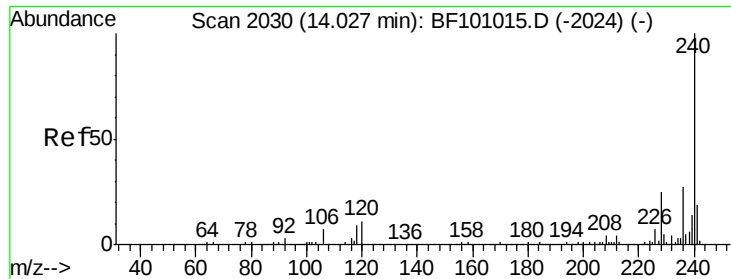
Tot Ion:188 Resp: 180614
 Ion Ratio Lower Upper
 188 100
 94 6.9 8.5 12.7#
 80 7.2 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.960 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

Tgt Ion:248 Resp: 5984
 Ion Ratio Lower Upper
 248 100
 250 209.4 76.9 115.3#
 141 510.3 74.4 111.6#

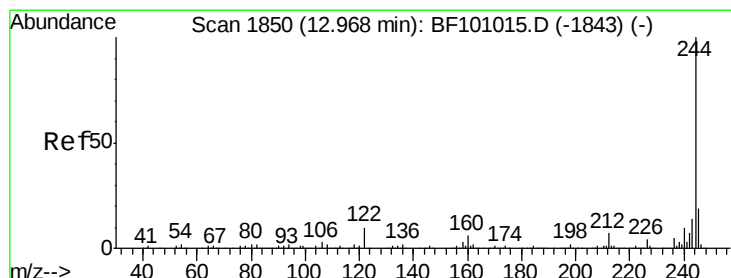
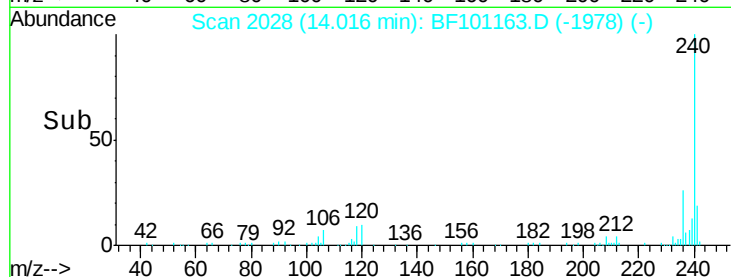
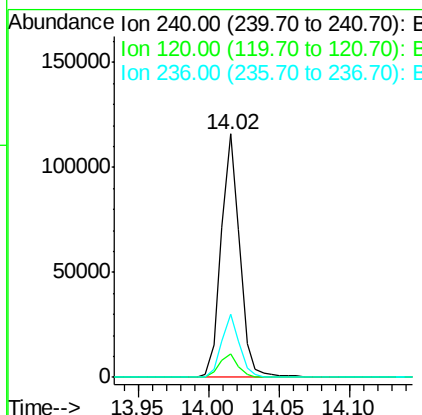
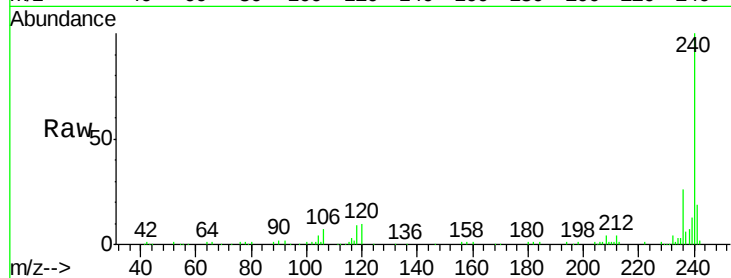




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

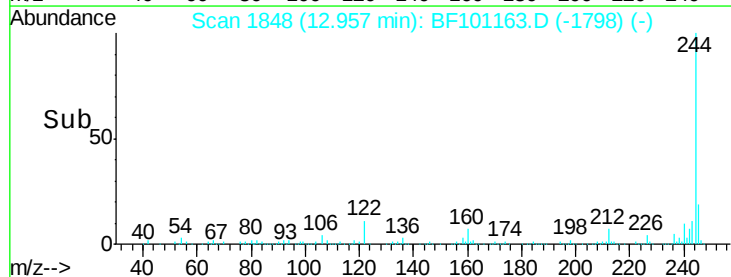
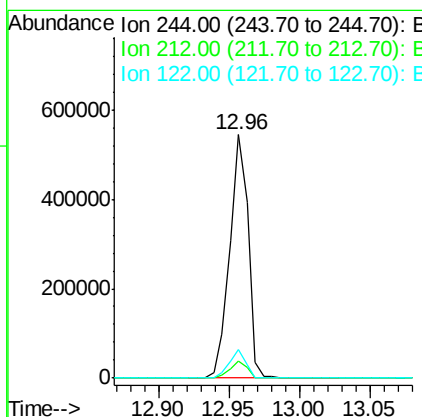
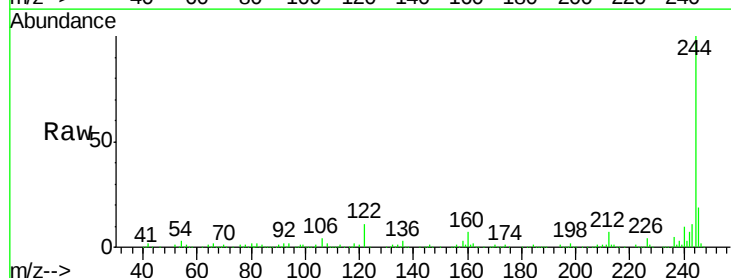
Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

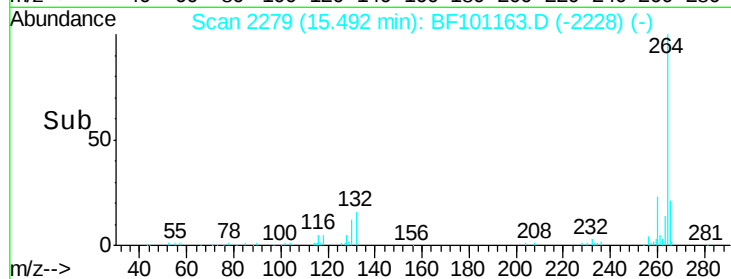
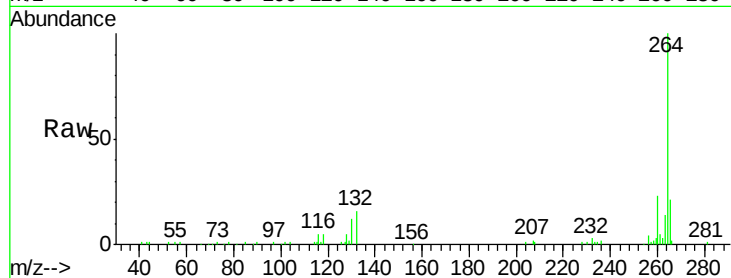
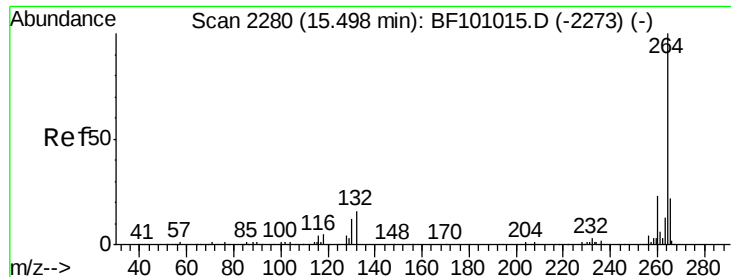
Tot Ion:240 Resp: 106432
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.9 20.7 31.1



#78
Terphenyl-d14
Concen: 101.816 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:244 Resp: 495434
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.5 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10-12)-20171128

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3

