

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101549.D
 Acq On : 20 Dec 2017 4:30
 Operator : SJ/JU
 Sample : I6956-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121417-DBRI-E-D-M

Quant Time: Dec 20 07:06:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

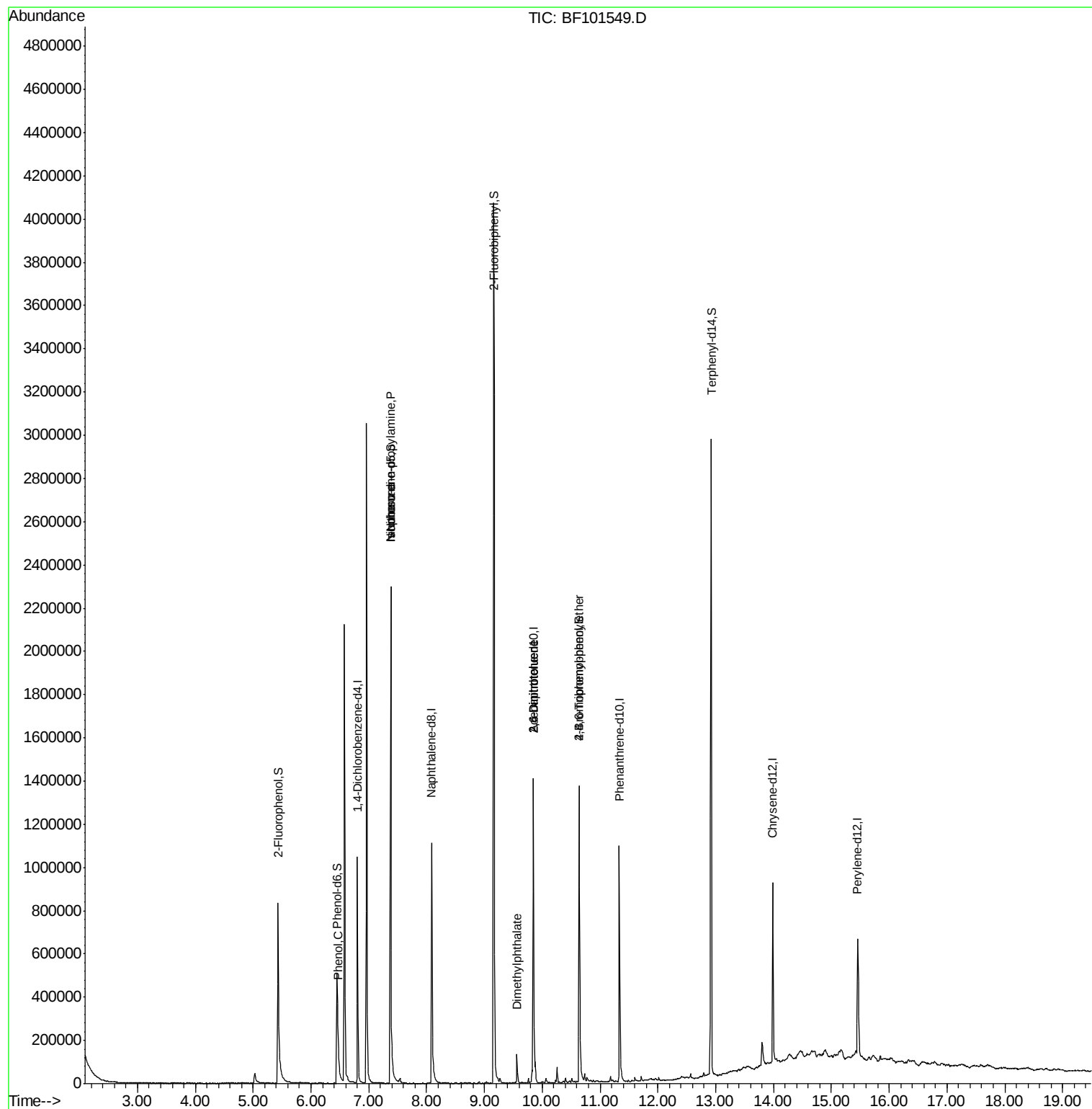
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158776	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	649673	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	280278	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	467616	20.00	ng	0.00
75) Chrysene-d12	13.99	240	313913	20.00	ng	0.00
86) Perylene-d12	15.46	264	331912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	367192	34.45	ng	0.00
7) Phenol-d6	6.45	99	275850	20.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	926640	79.40	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186733	69.14	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1443220	79.88	ng	0.00
78) Terphenyl-d14	12.92	244	1041805	80.01	ng	0.00
Target Compounds						
10) Phenol	6.47	94	36199	2.394	ng	86
19) n-Nitroso-di-n-propylamine	7.38	70	124469	14.287	ng	# 79
25) Isophorone	7.38	82	926640	39.579	ng	# 64
49) Dimethylphthalate	9.56	163	64665	2.868	ng	98
50) 2,6-Dinitrotoluene	9.85	165	35297	7.703	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	35297	6.837	ng	# 24
66) 4-Bromophenyl-phenylether	10.64	248	11559	2.200	ng	# 1

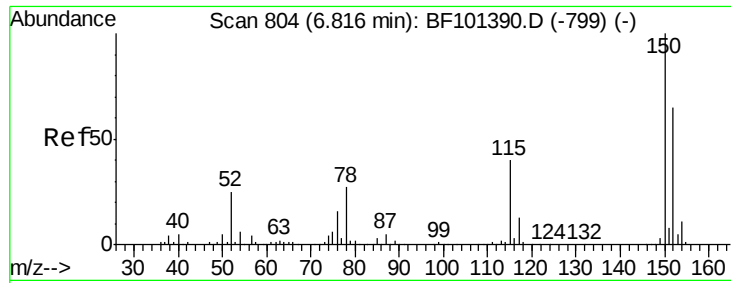
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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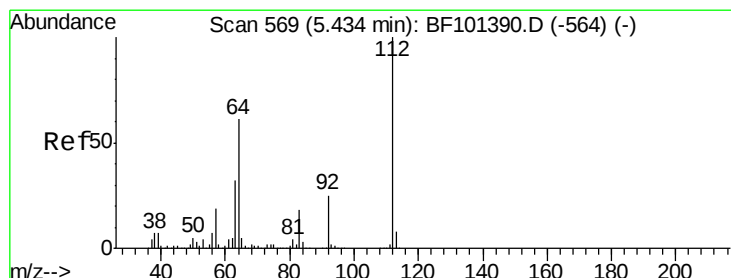
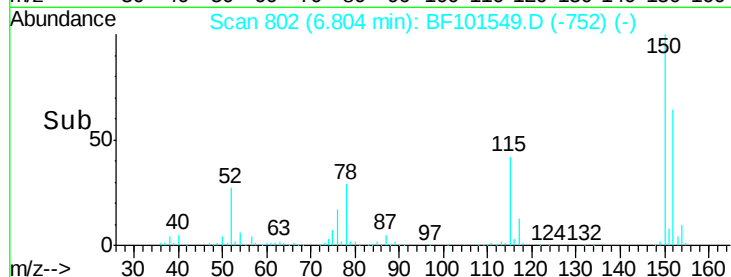
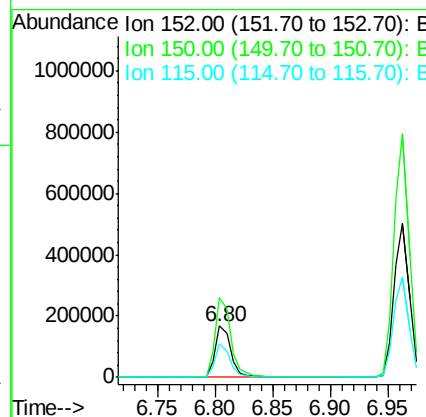
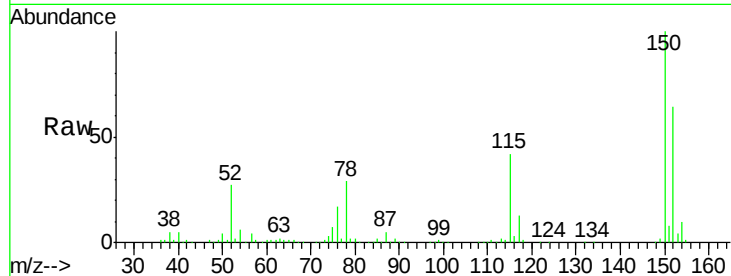


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Instrument :
BNA_F
ClientSampleId :
121417-DBRI-E-D-M

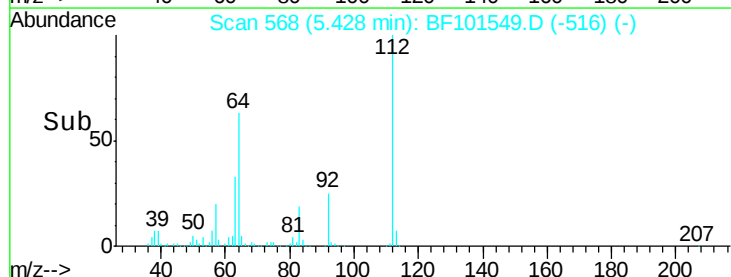
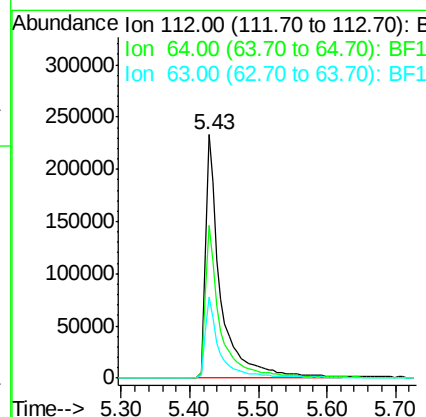
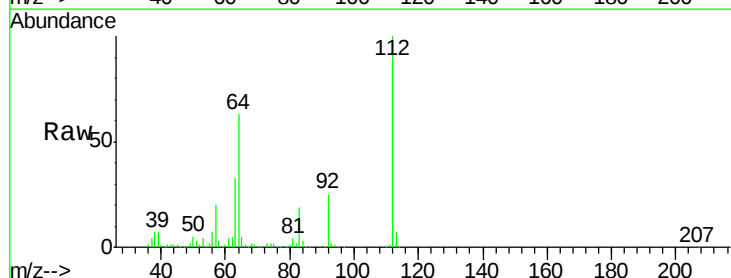
Tot Ion:152 Resp: 158776
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 66.1 50.1 75.1

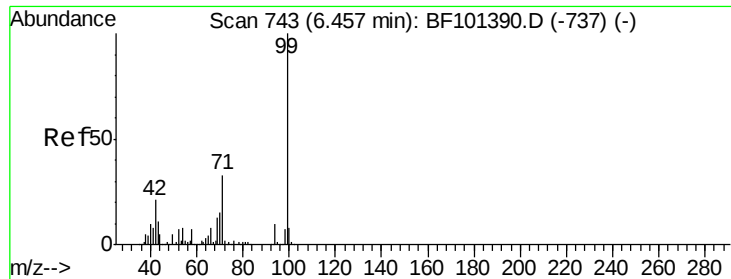


#5

2-Fluorophenol
Concen: 34.449 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Tgt Ion:112 Resp: 367192
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 20.794 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101549.D

Acq: 20 Dec 2017 4:30

Instrument :

BNA_F

ClientSampleId :

121417-DBRI-E-D-M

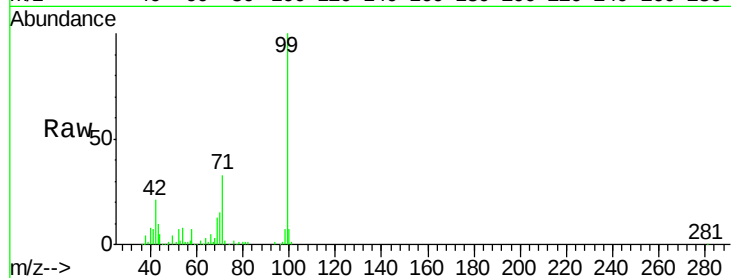
Tot Ion: 99 Resp: 275850

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

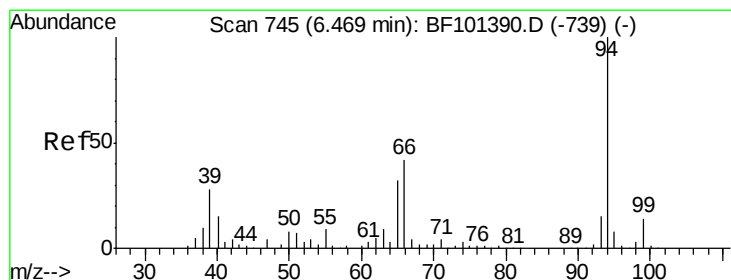
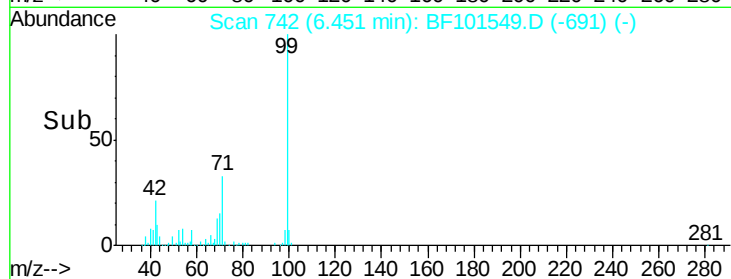
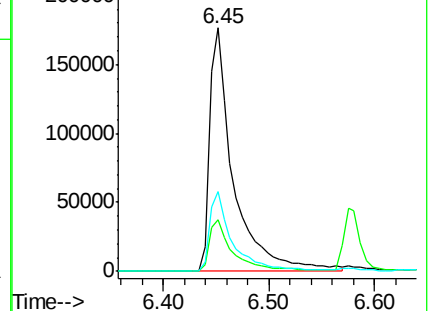
71 32.9 25.4 38.0



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: 2.394 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101549.D

Acq: 20 Dec 2017 4:30

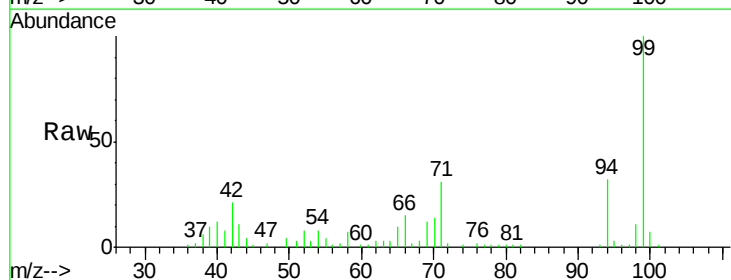
Tgt Ion: 94 Resp: 36199

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

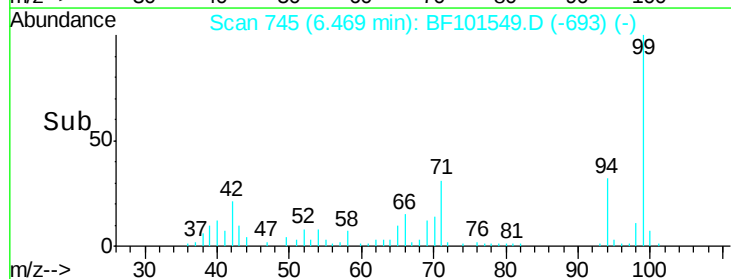
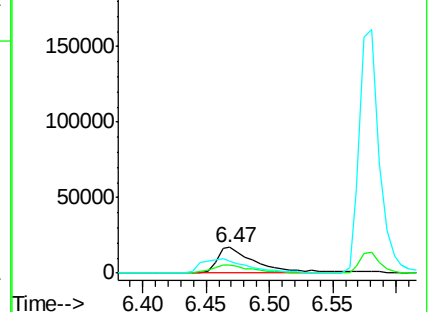
66 47.9 16.2 56.2

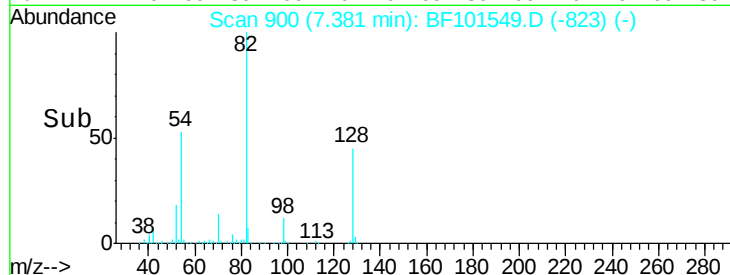
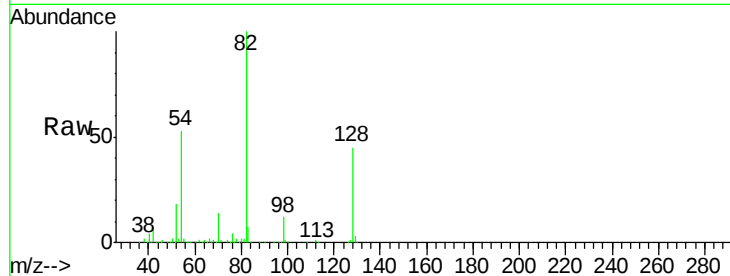


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

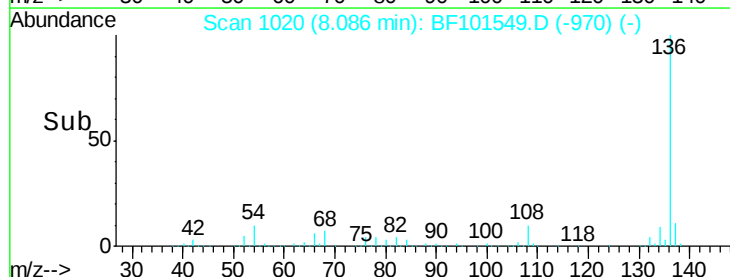
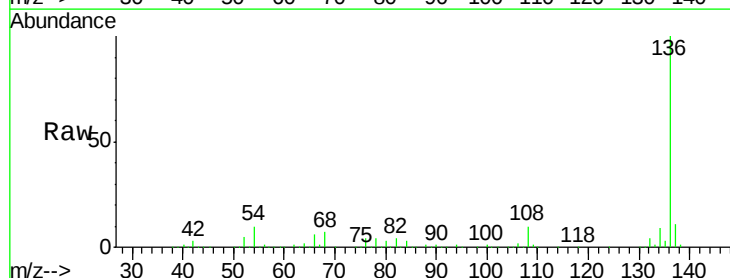
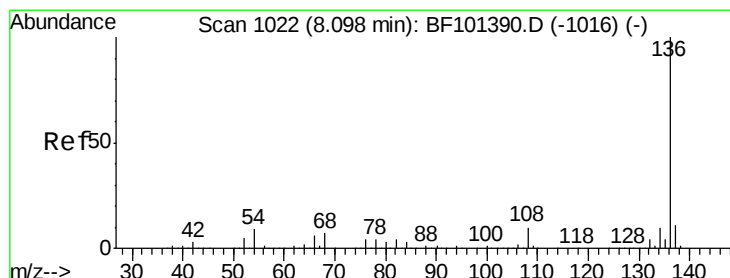
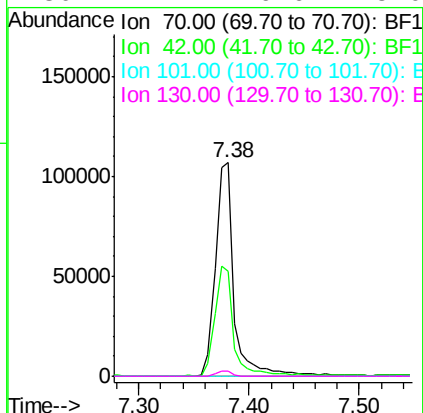




#19
n-Nitroso-di-n-propylamine
Concen: 14.287 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

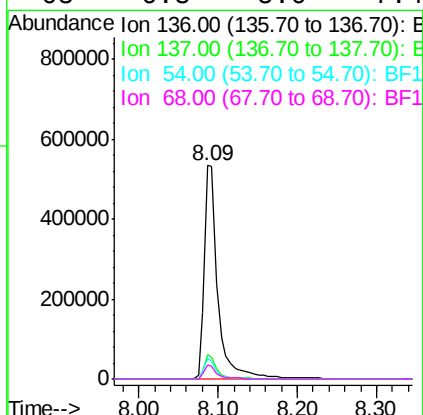
Instrument :
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121417-DBRI-E-D-M

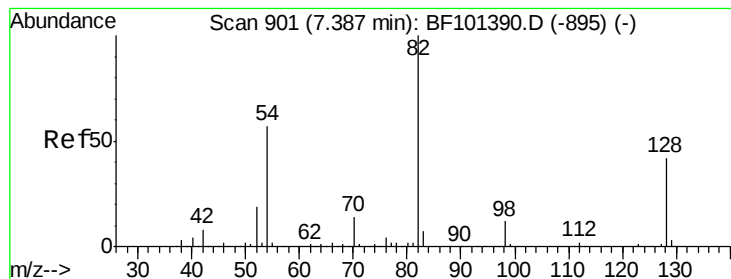
Tot Ion: 70 Resp: 124469
Ion Ratio Lower Upper
70 100
42 48.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Tgt Ion: 136 Resp: 649673
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.8 6.6 9.8
68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 79.397 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF101549.D

Acq: 20 Dec 2017 4:30

Instrument :

BNA_F

ClientSampleId :

121417-DBRI-E-D-M

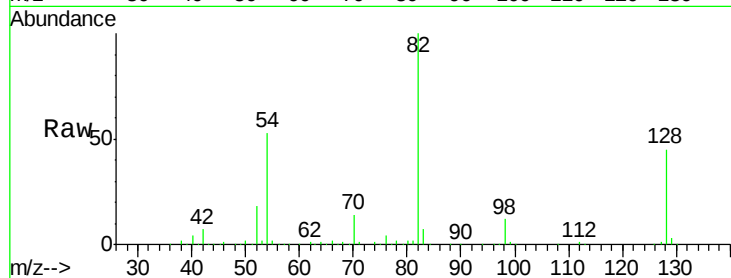
Tot Ion: 82 Resp: 926640

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

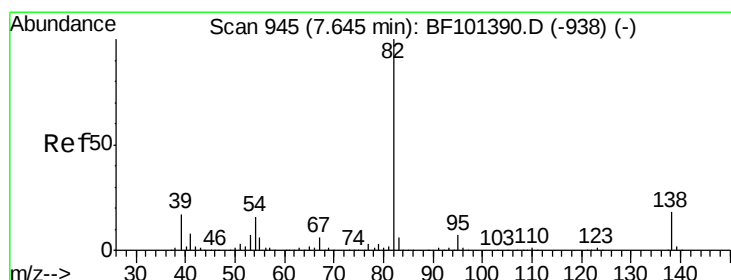
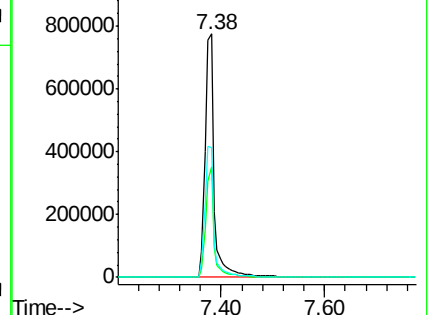
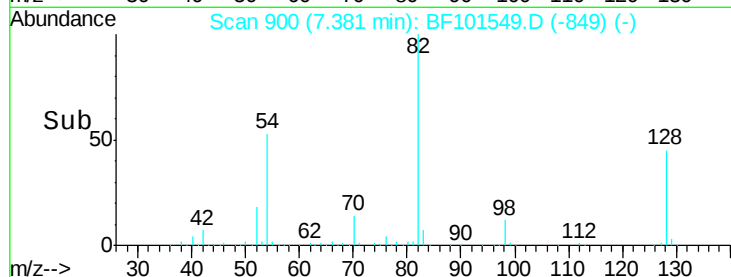
54 53.4 41.4 62.2



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: 39.579 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101549.D

Acq: 20 Dec 2017 4:30

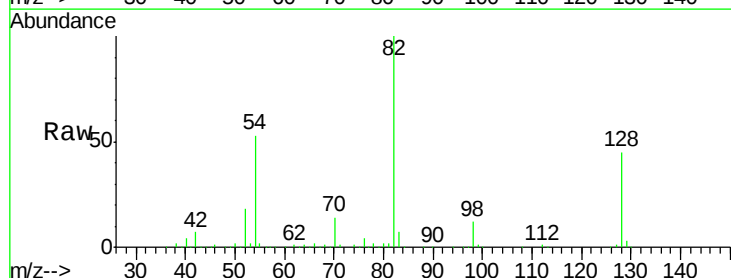
Tgt Ion: 82 Resp: 926640

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

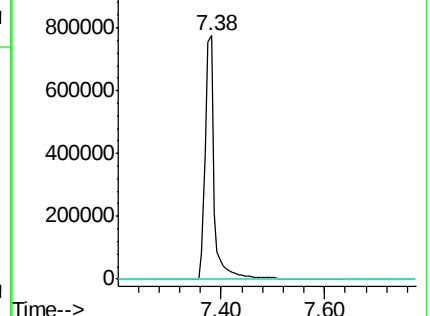
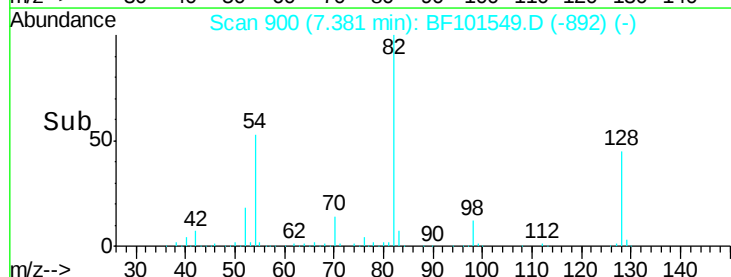
138 0.0 14.9 22.3#

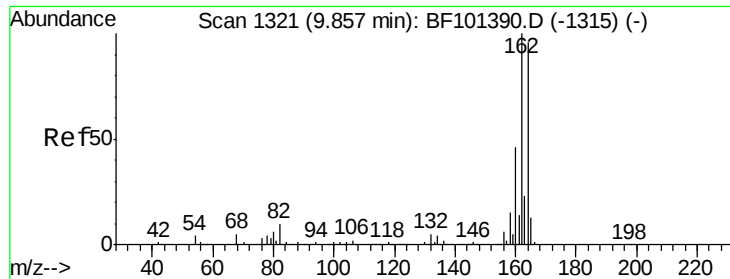


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101549.D

Acq: 20 Dec 2017 4:30

Instrument :

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ClientSampleId :

121417-DBRI-E-D-M

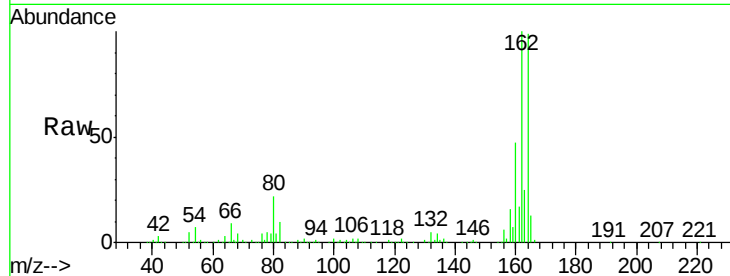
Tot Ion:164 Resp: 280278

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

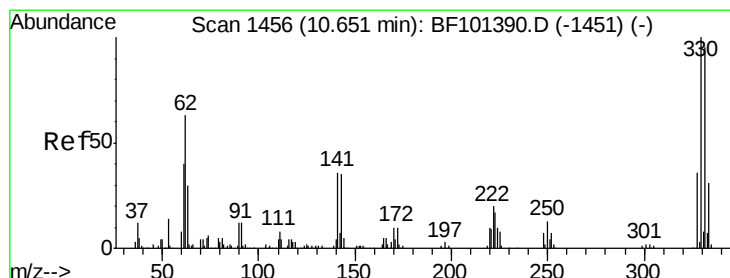
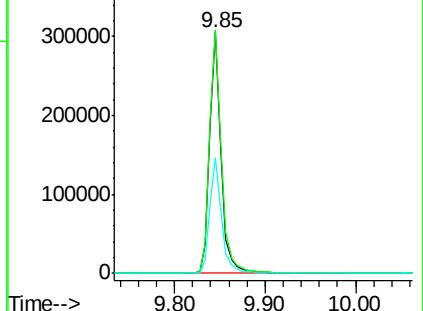
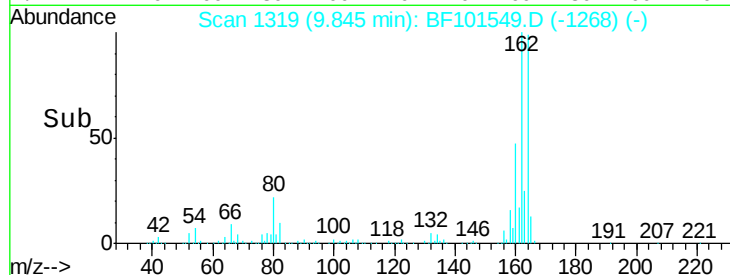
160 48.0 38.3 57.5



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: 69.143 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101549.D

Acq: 20 Dec 2017 4:30

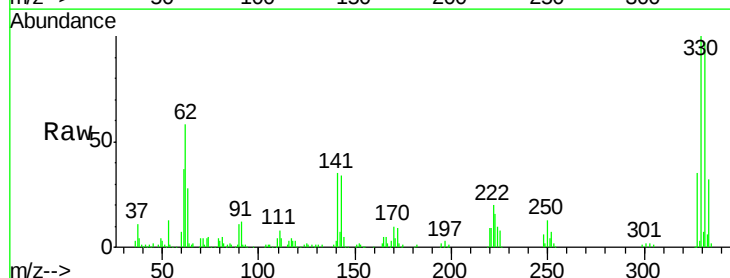
Tgt Ion:330 Resp: 186733

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

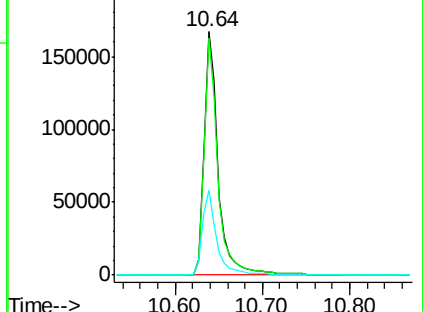
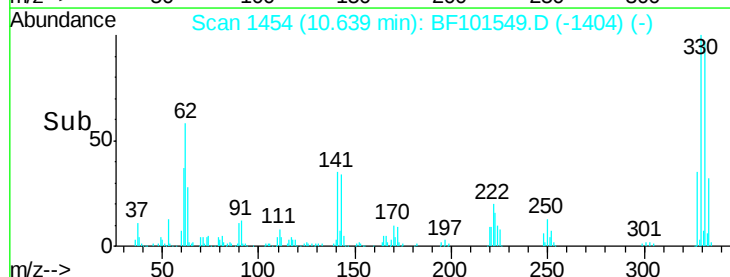
141 35.8 29.9 44.9

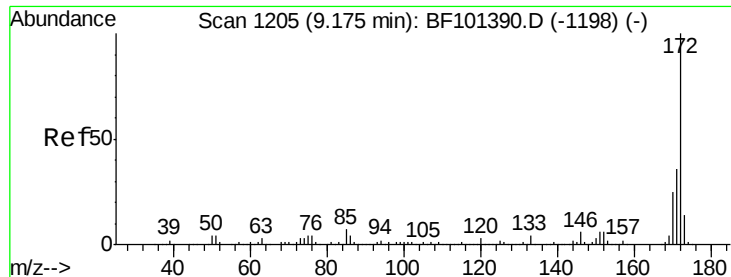


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

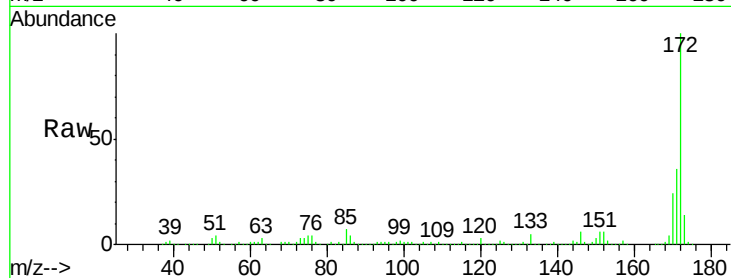




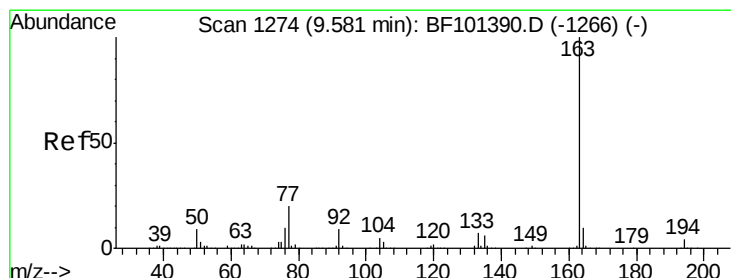
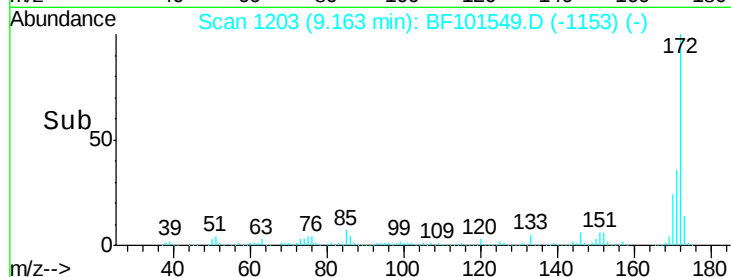
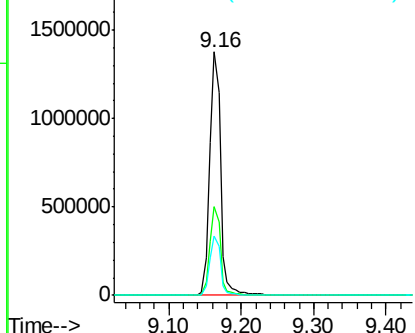
#44
2-Fluorobiphenyl
Concen: 79.877 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Instrument :
BNA_F
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121417-DBRI-E-D-M

Tot Ion:172 Resp: 1443220
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4

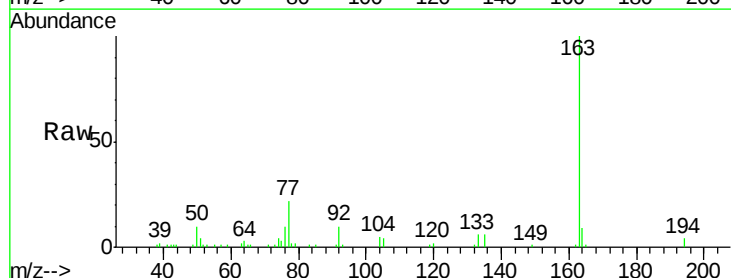


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

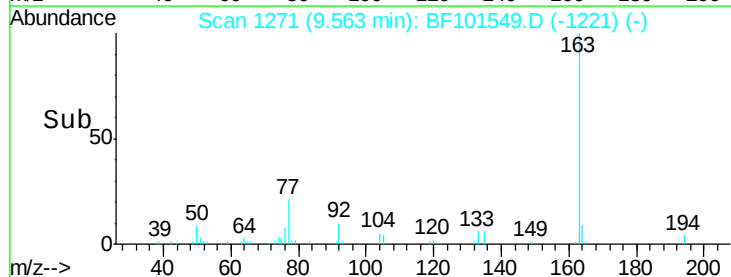
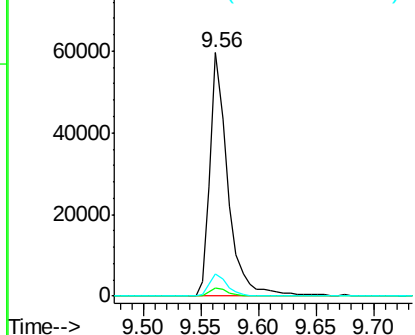


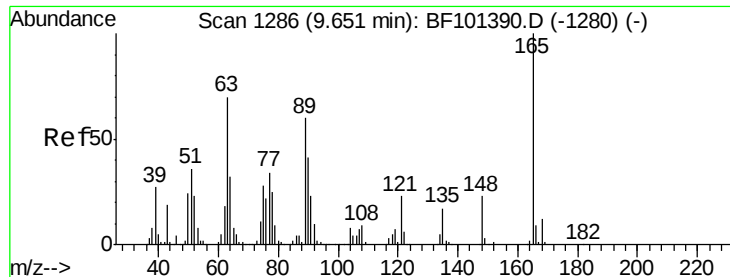
#49
Dimethylphthalate
Concen: 2.868 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Tgt Ion:163 Resp: 64665
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

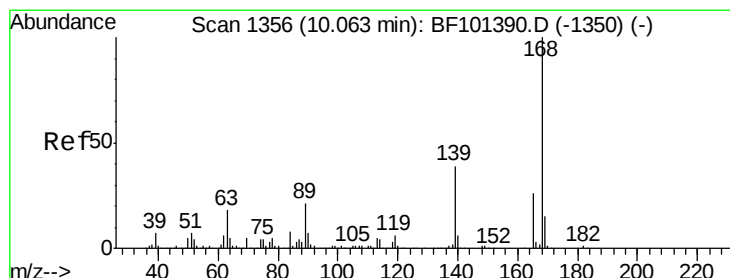
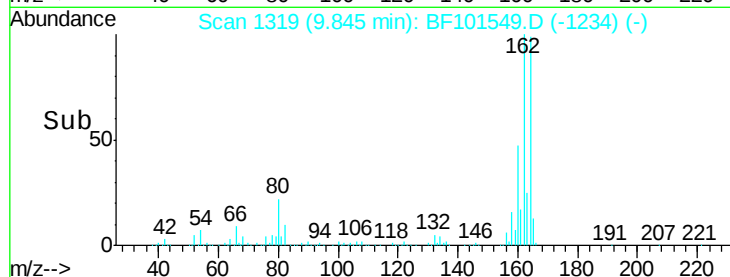
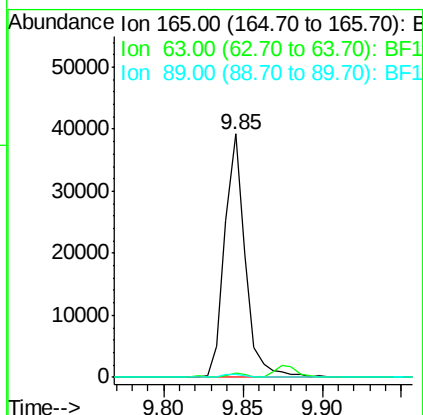
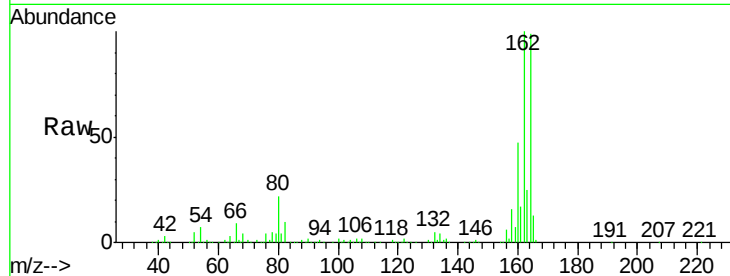




#50
 2,6-Dinitrotoluene
 Concen: 7.703 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101549.D
 Acq: 20 Dec 2017 4:30

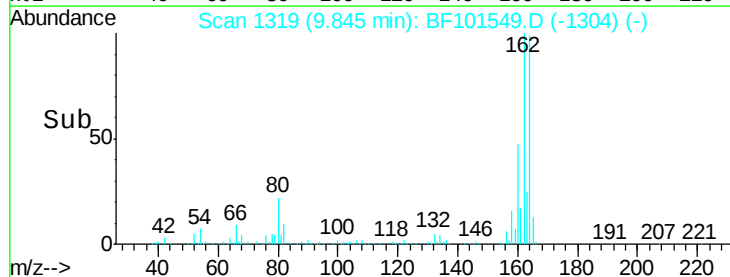
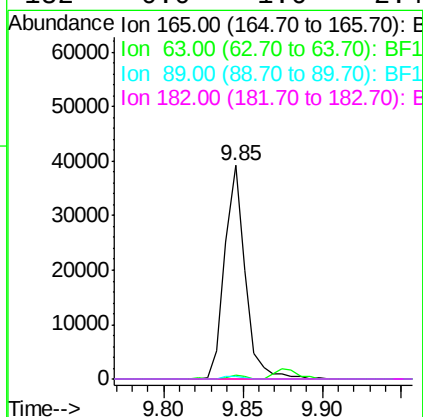
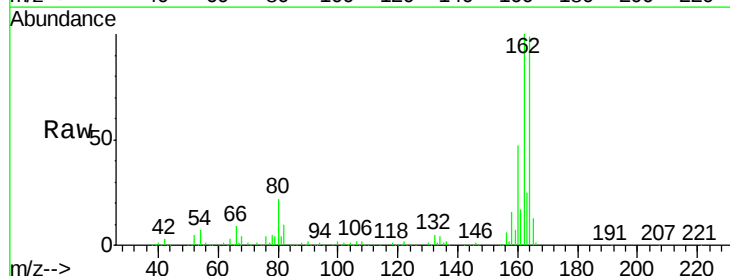
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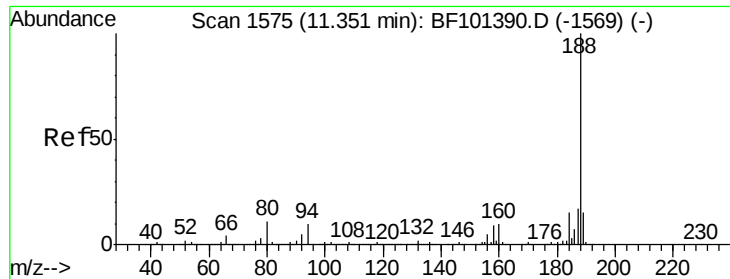
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.837 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101549.D
 Acq: 20 Dec 2017 4:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

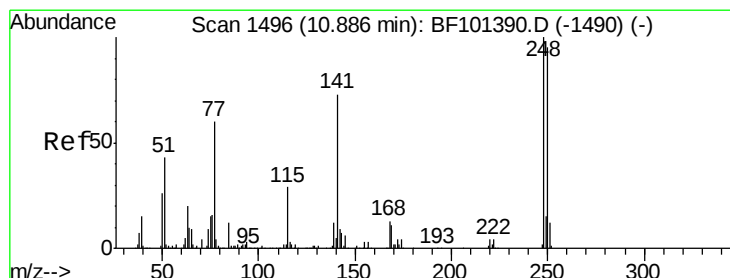
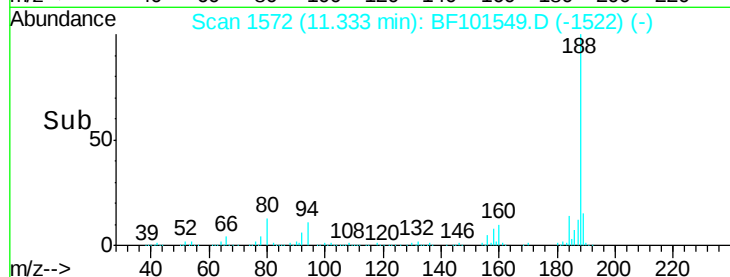
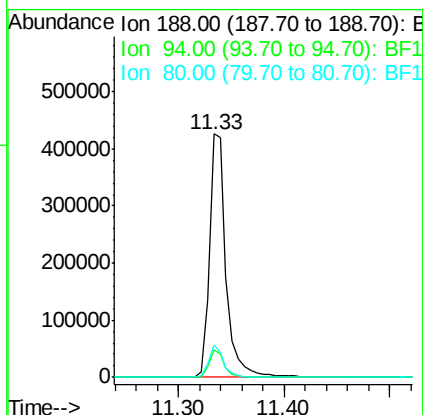
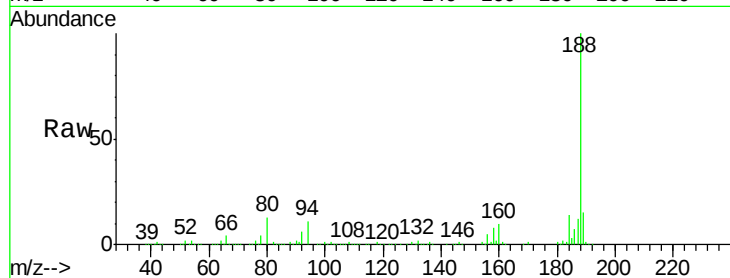




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

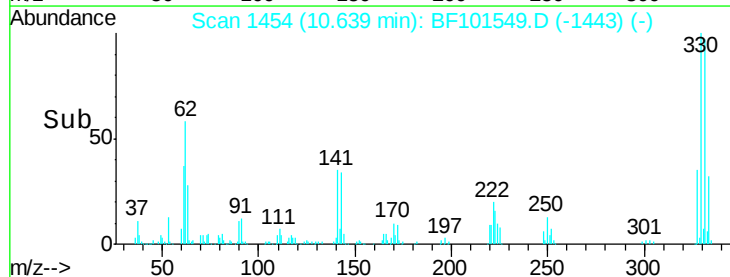
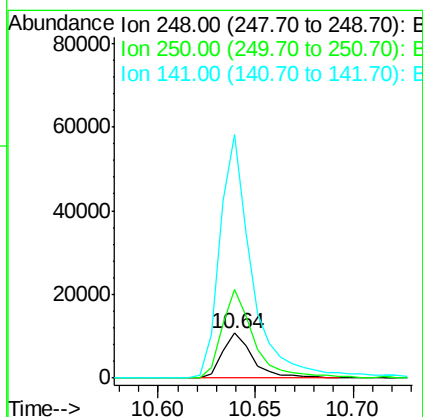
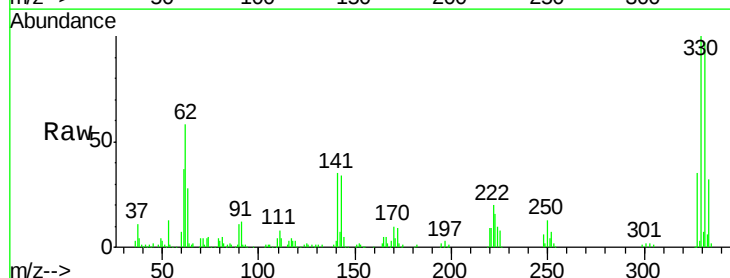
Instrument :
BNA_F
ClientSampleId :
121417-DBRI-E-D-M

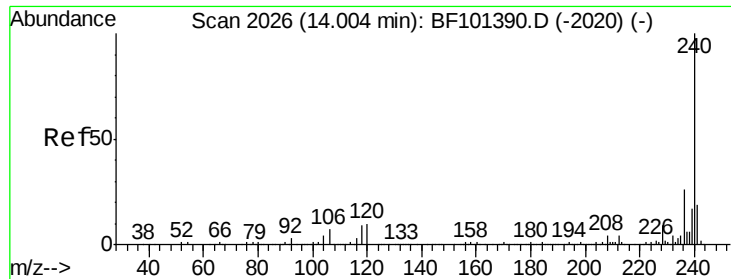
Tot Ion:188 Resp: 467616
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 13.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.200 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Tgt Ion:248 Resp: 11559
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 544.3 74.4 111.6#

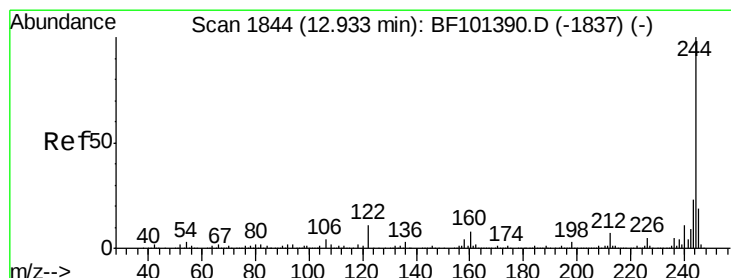
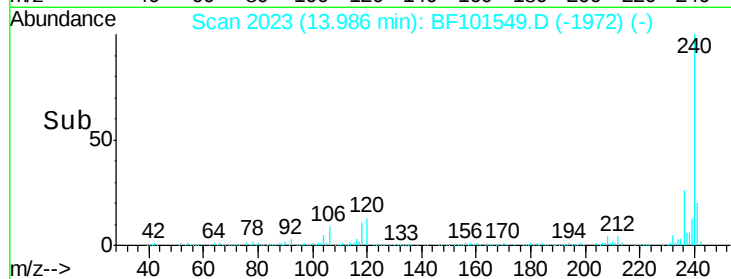
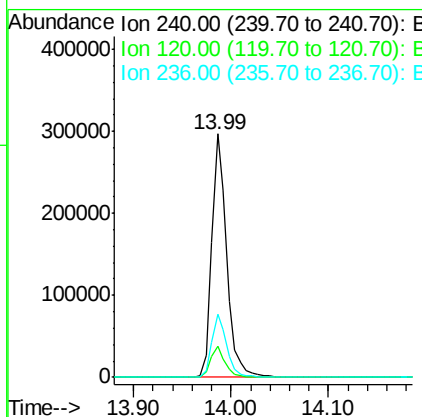
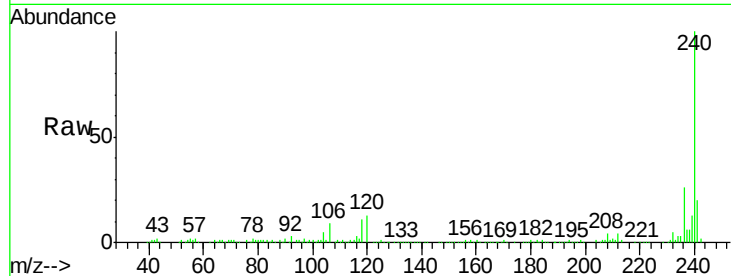




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

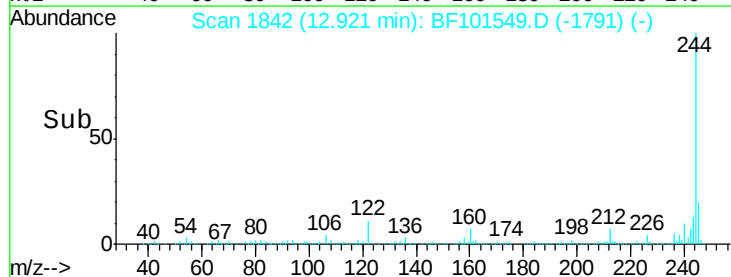
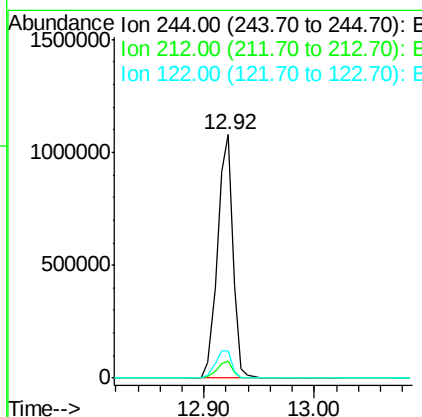
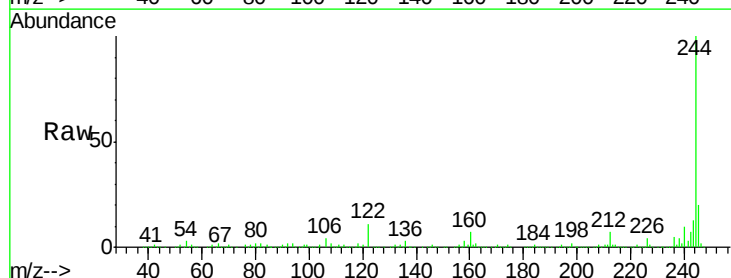
Instrument :
BNA_F
ClientSampleId :
121417-DBRI-E-D-M

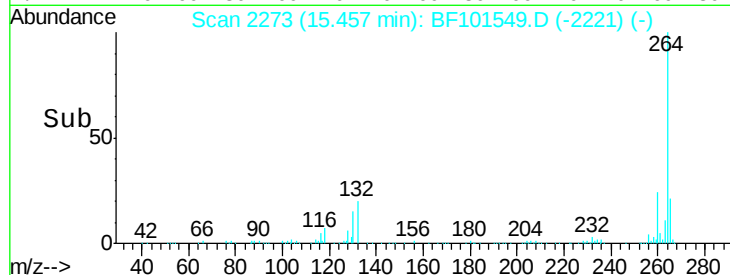
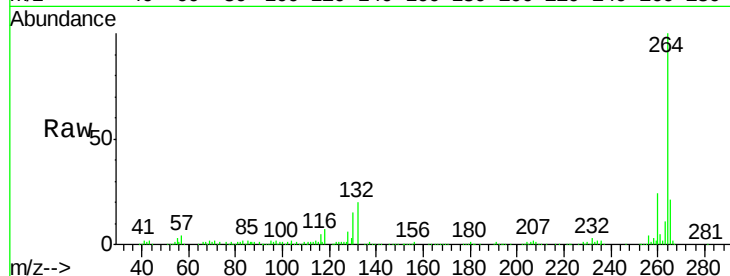
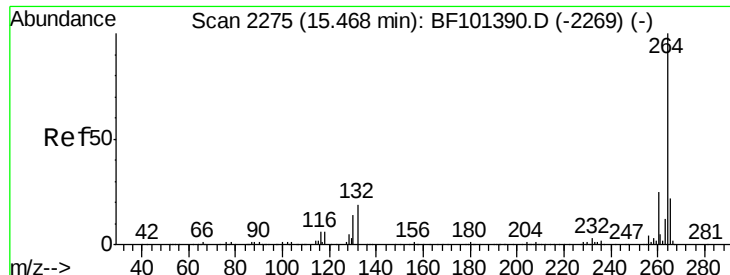
Tot Ion:240 Resp: 313913
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 80.008 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Tgt Ion:244 Resp: 1041805
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.1 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101549.D
Acq: 20 Dec 2017 4:30

Instrument :
BNA_F
ClientSampleId :
121417-DBRI-E-D-M

Tot Ion:	264	Resp:	331912
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3

