

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101660.D
 Acq On : 22 Dec 2017 18:20
 Operator : SJ/JU
 Sample : I6683-07 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Quant Time: Dec 22 22:34:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

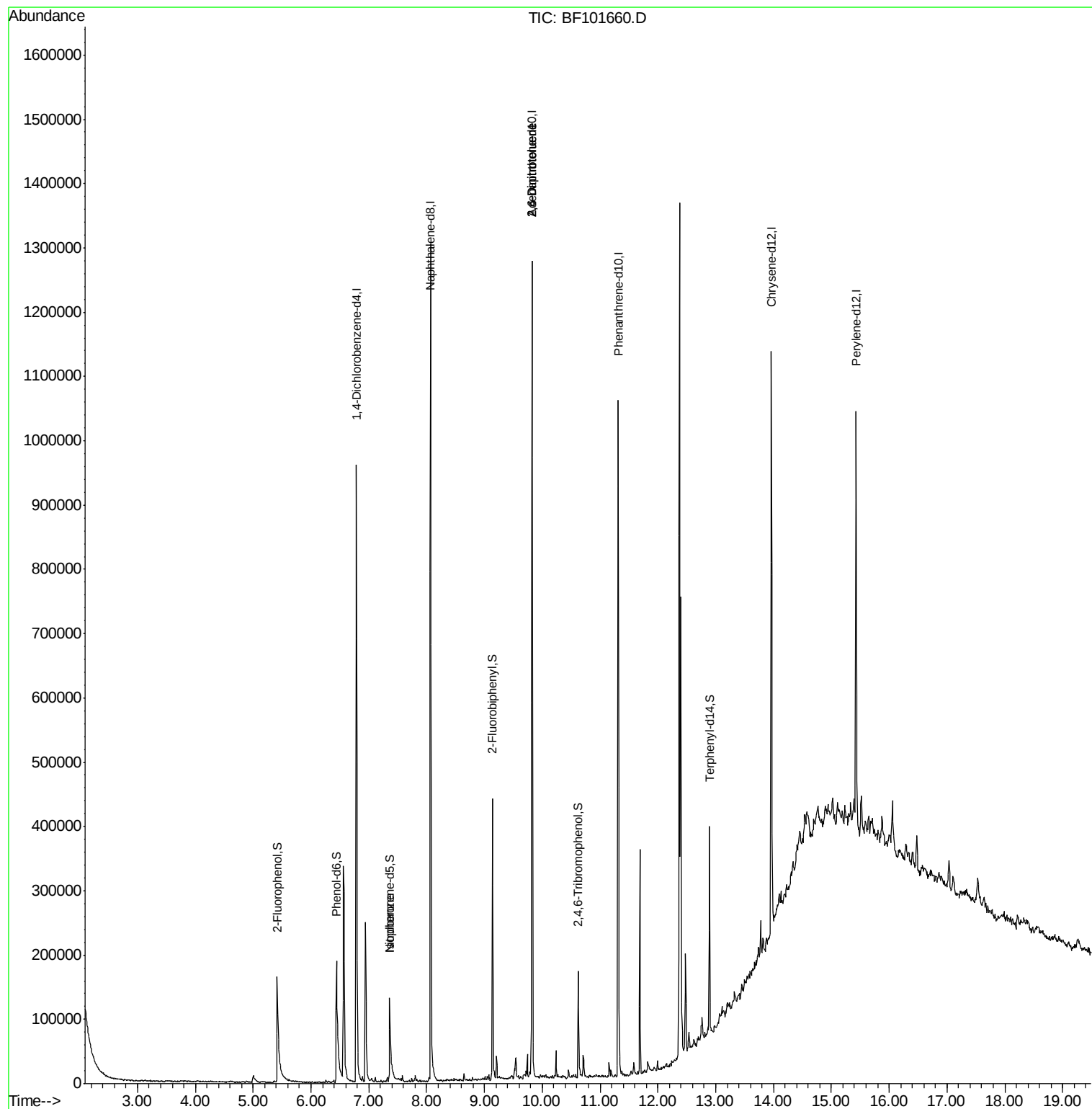
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155584	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	592534	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	238310	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	391947	20.00	ng	0.00
75) Chrysene-d12	13.96	240	311177	20.00	ng	0.00
86) Perylene-d12	15.43	264	311262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	106534	10.20	ng	0.01
7) Phenol-d6	6.44	99	138021	10.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	80480	7.56	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	20586	8.96	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	134651	8.76	ng	0.00
78) Terphenyl-d14	12.89	244	93096	7.21	ng	-0.01
Target Compounds						
25) Isophorone	7.36	82	80480	3.769	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	30697	7.879	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	30697	6.993	ng	# 23

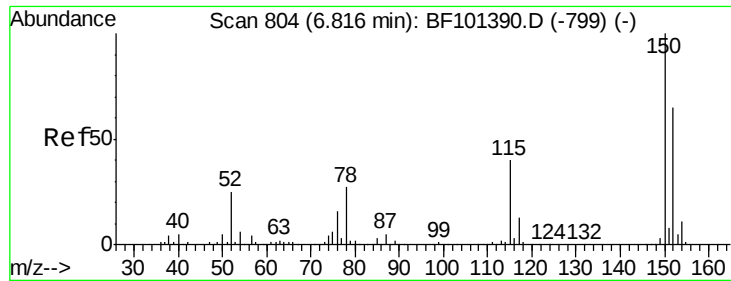
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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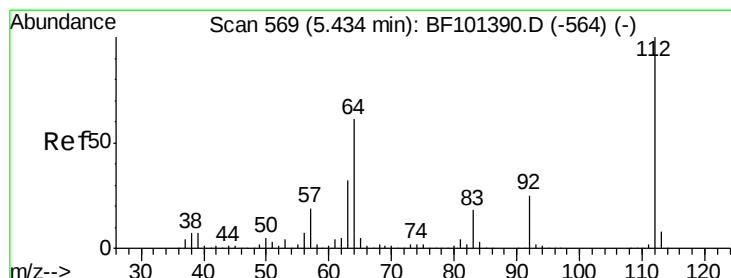
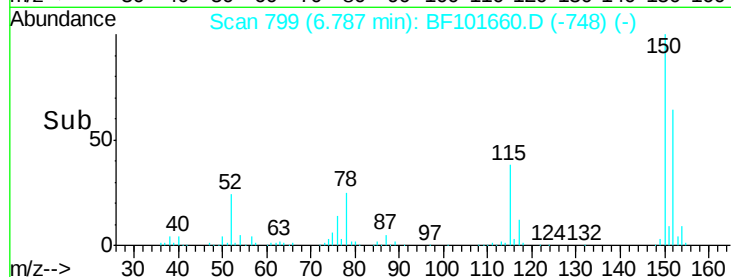
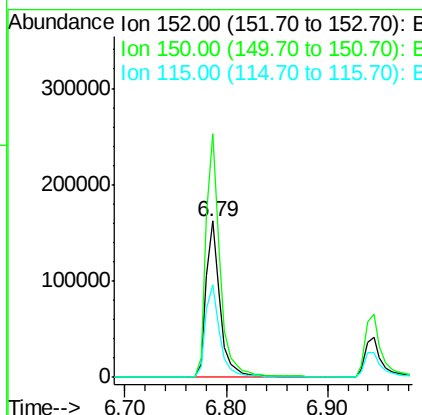
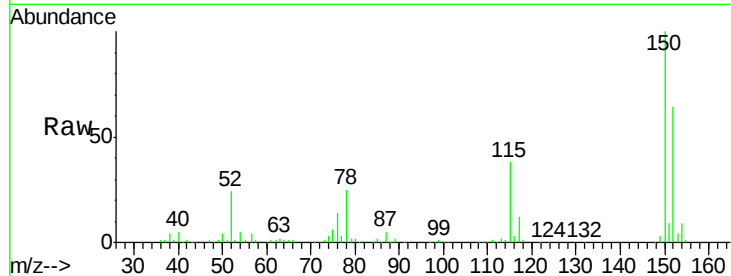


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

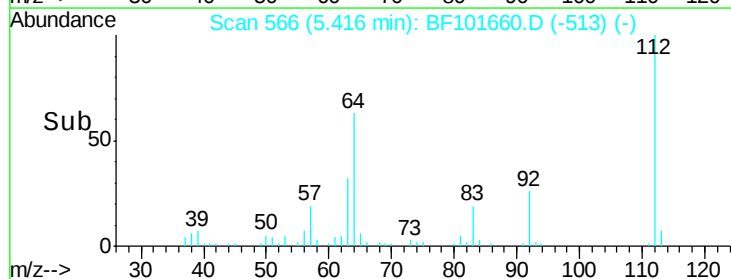
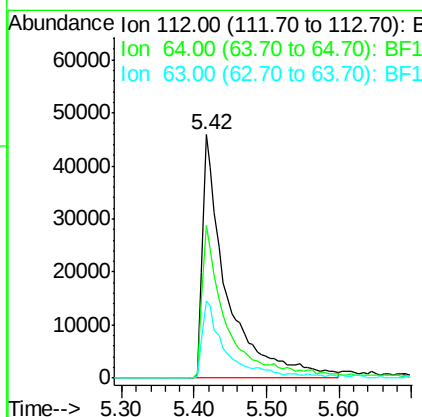
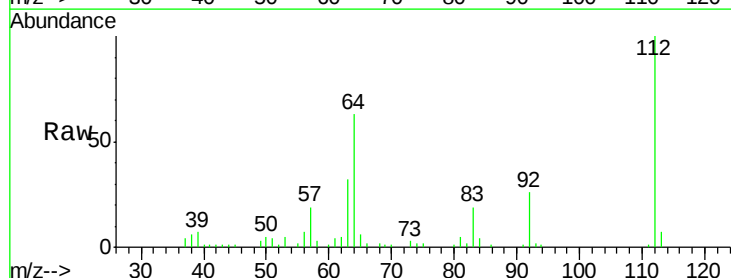
Tot Ion:152 Resp: 155584
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 59.7 50.1 75.1

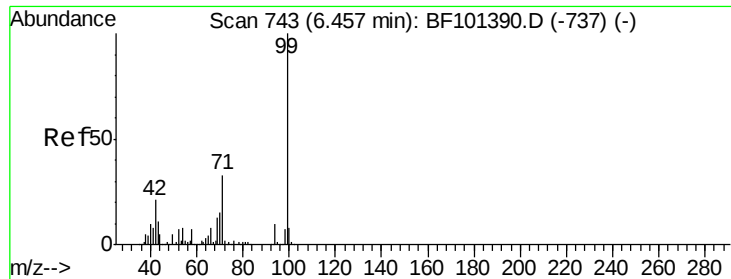


#5

2-Fluorophenol
Concen: 10.200 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Tgt Ion:112 Resp: 106534
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 10.618 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

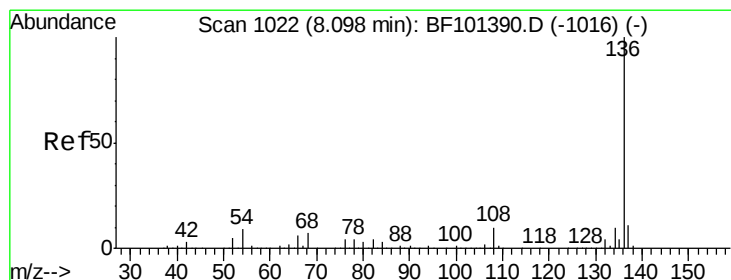
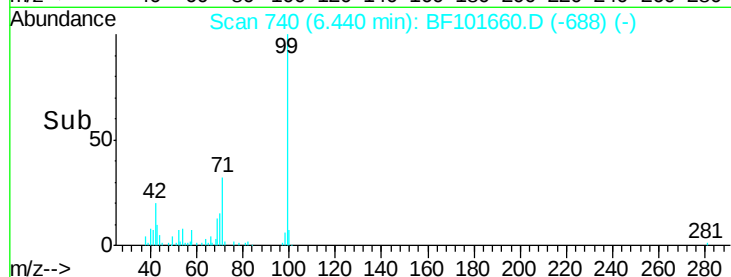
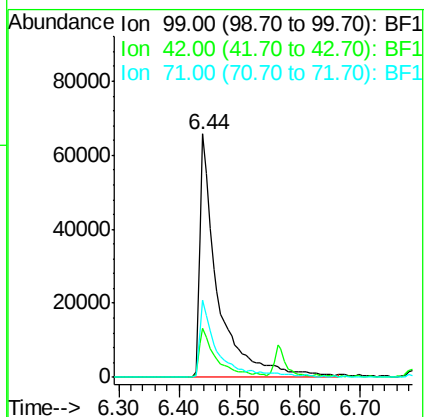
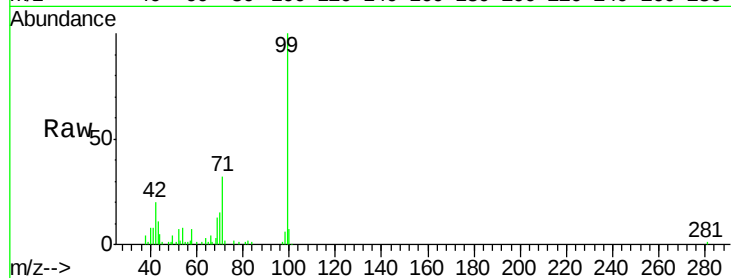
Tot Ion: 99 Resp: 138021

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

Tgt Ion: 136 Resp: 592534

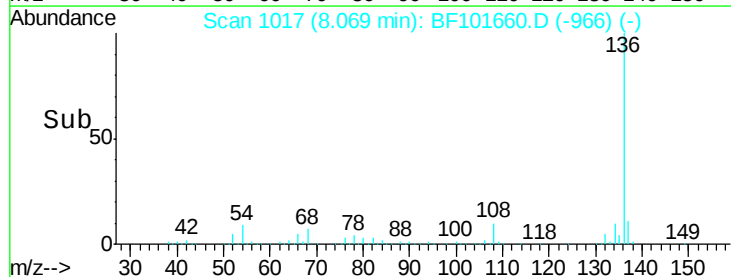
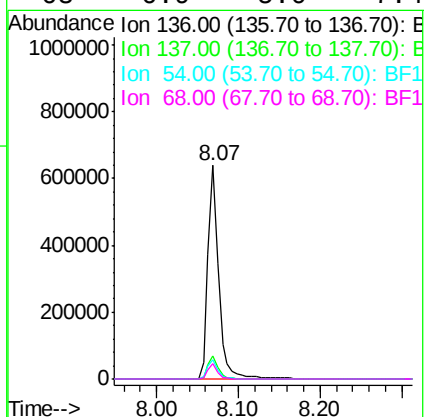
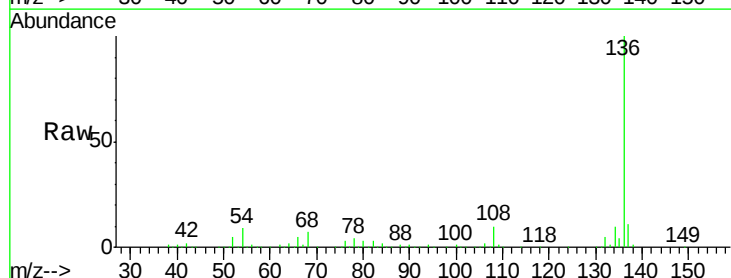
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 6.9 5.0 7.4

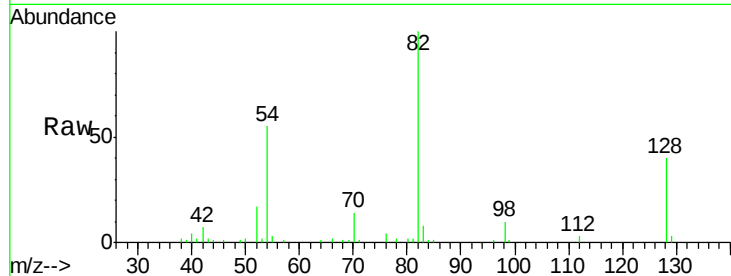




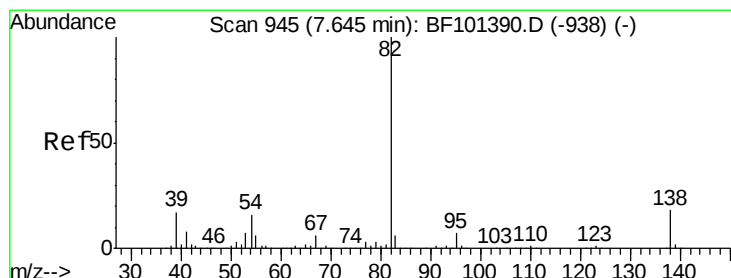
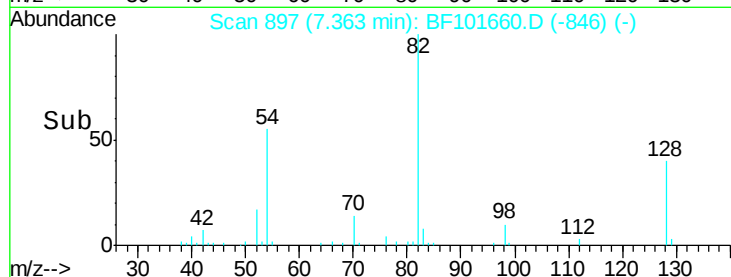
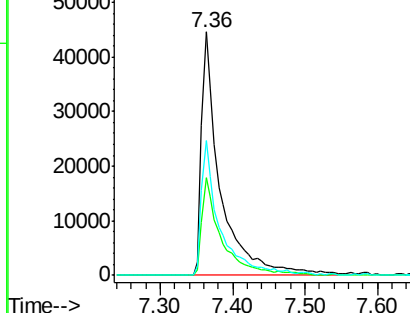
#23
Nitrobenzene-d5
Concen: 7.561 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tot Ion	82	Resp	80480
Ion Ratio	100	Lower	Upper
128	39.9	36.1	54.1
54	55.4	41.4	62.2

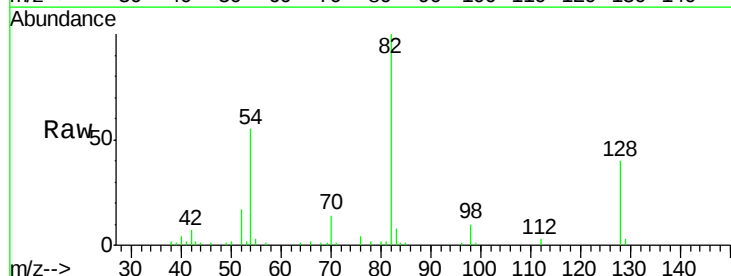


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

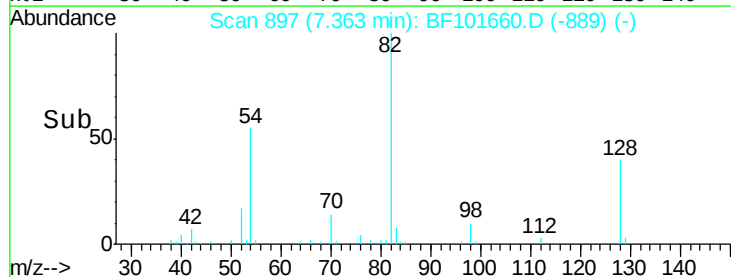
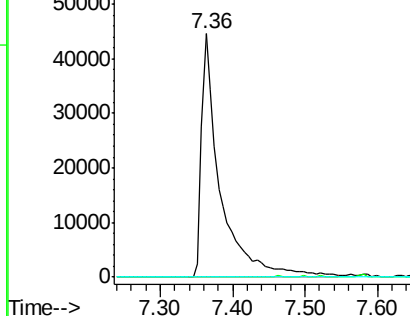


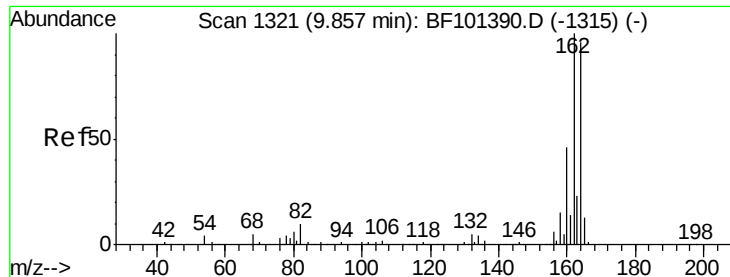
#25
Isophorone
Concen: 3.769 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Tgt Ion	82	Resp	80480
Ion Ratio	100	Lower	Upper
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

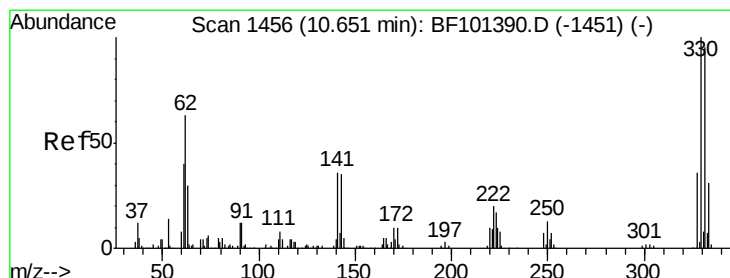
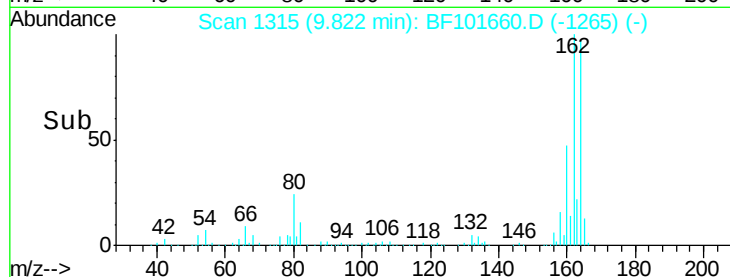
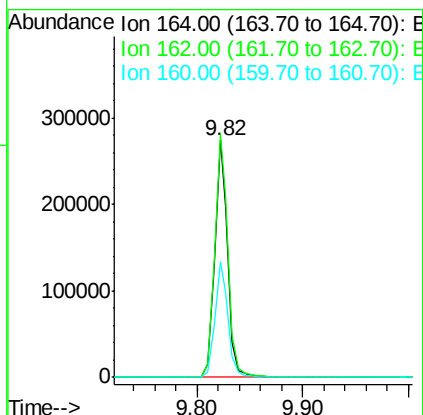
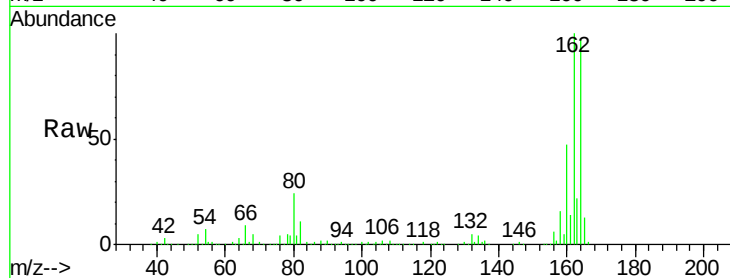




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

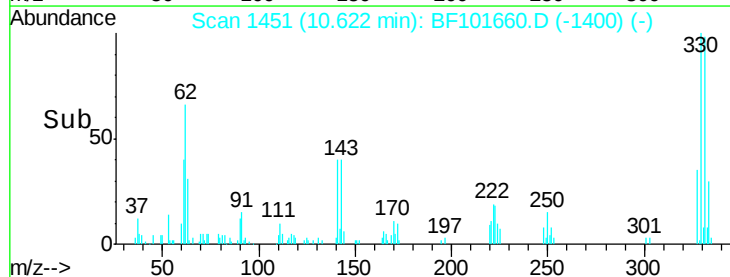
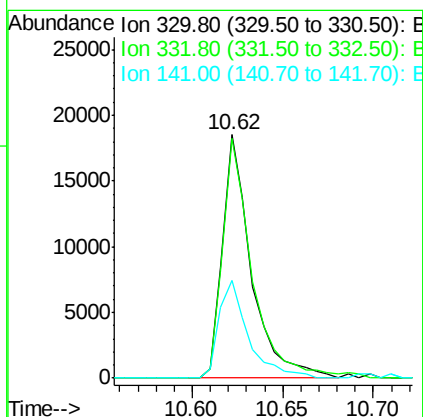
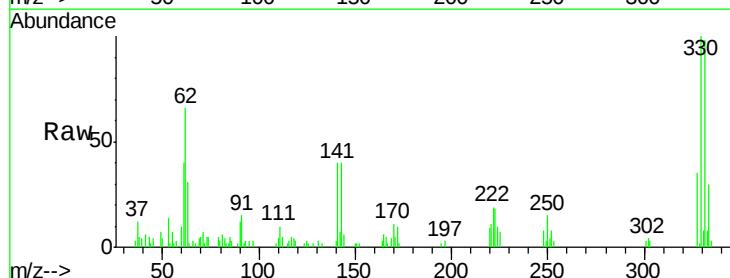
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 ClientSampleId :
 EO-02-122017-A

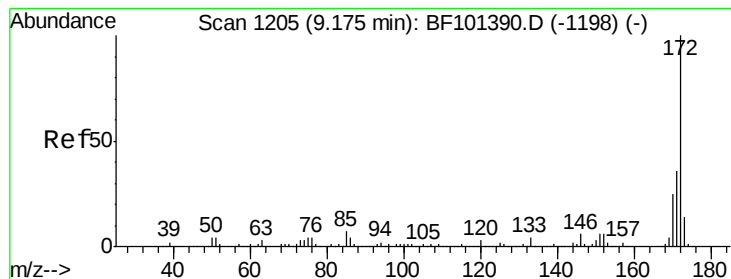
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	48.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 8.965 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	40.7	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 8.765 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

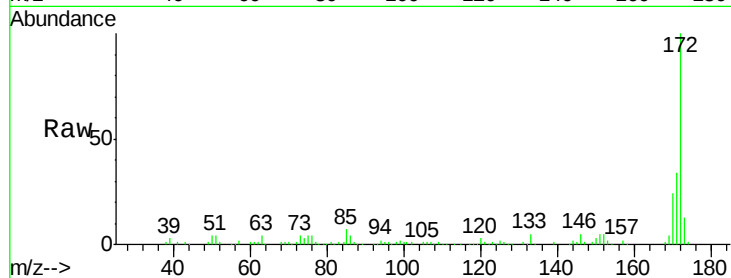
Tot Ion:172 Resp: 134651

Ion Ratio Lower Upper

172 100

171 34.3 29.7 44.5

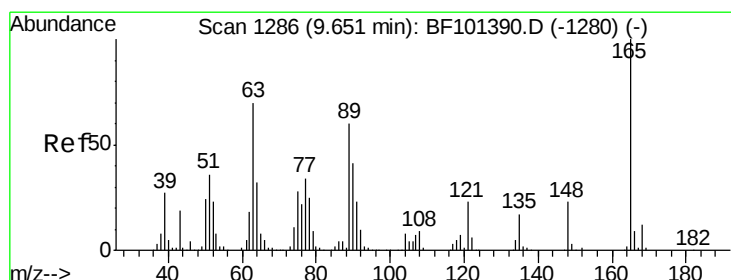
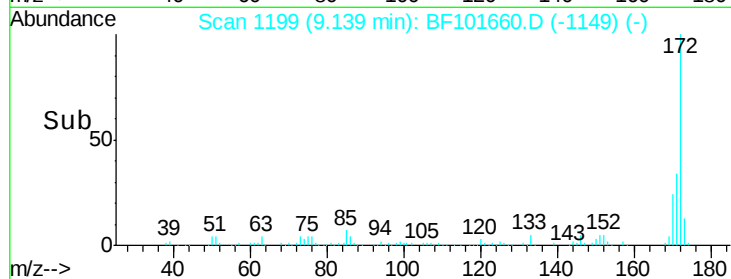
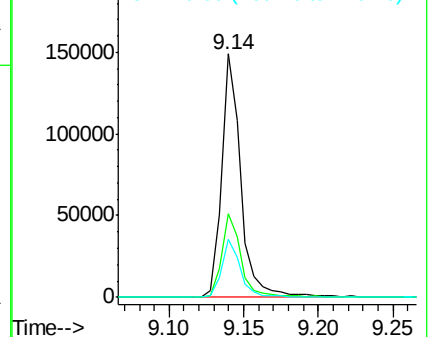
170 23.8 19.6 29.4



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: 7.879 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.19 min

Lab File: BF101660.D

Acq: 22 Dec 2017 18:20

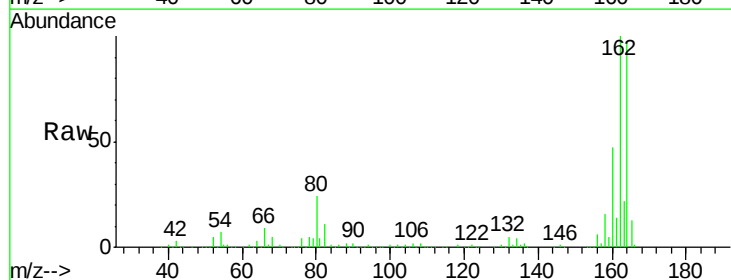
Tgt Ion:165 Resp: 30697

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

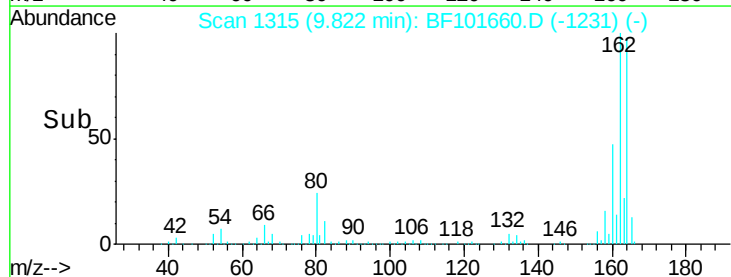
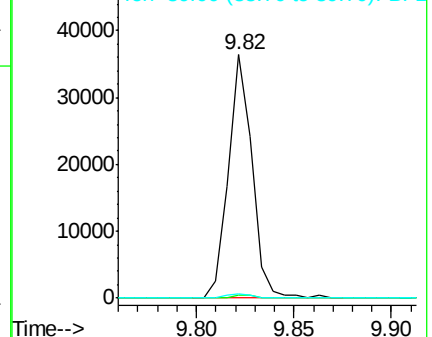
89 2.0 44.0 66.0#

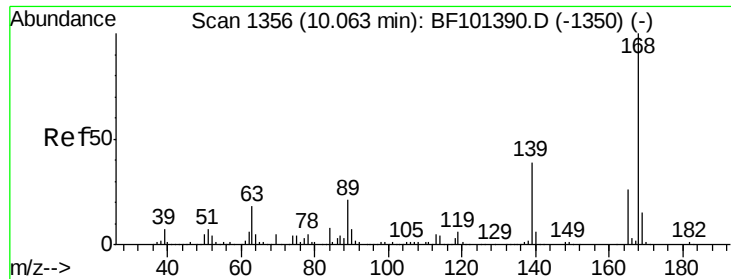


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

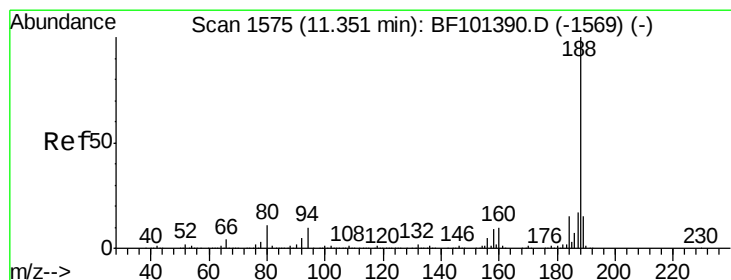
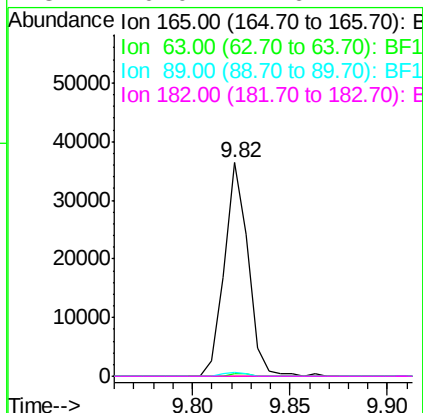
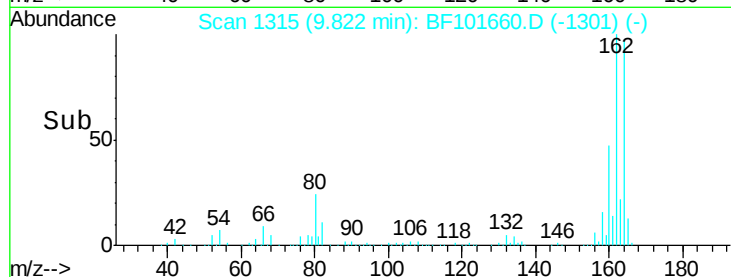
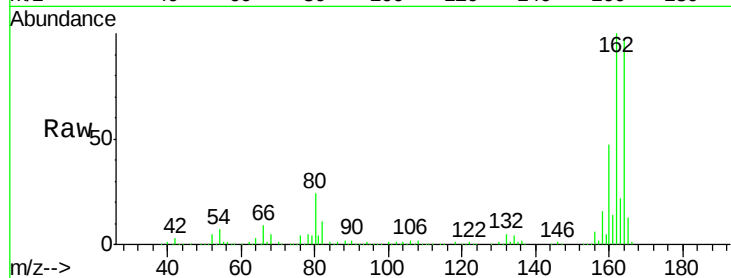




#56
2,4-Dinitrotoluene
Concen: 6.993 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

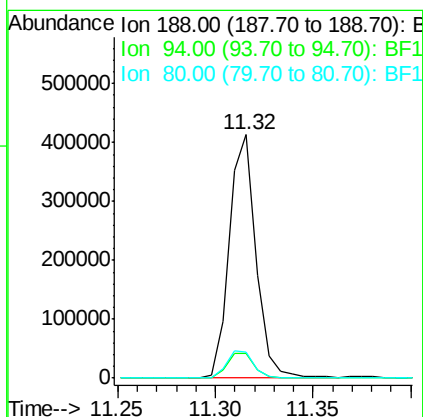
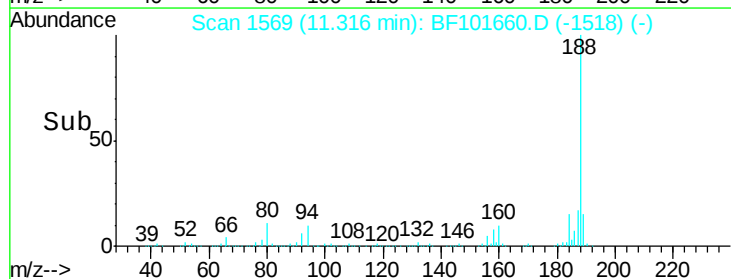
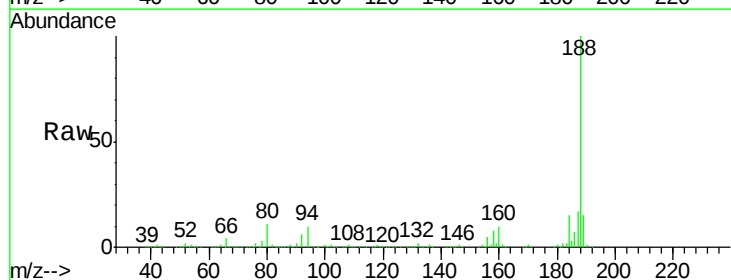
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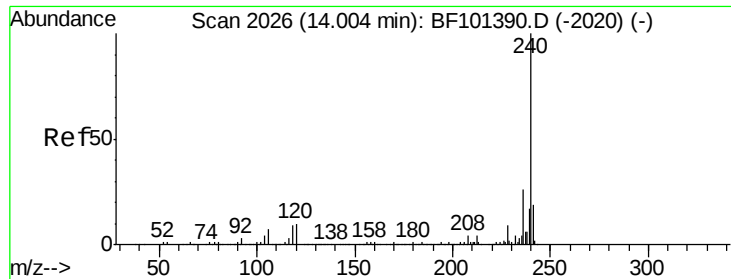
Tot Ion:165 Resp: 30697
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Tgt Ion:188 Resp: 391947
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.7 9.2 13.8

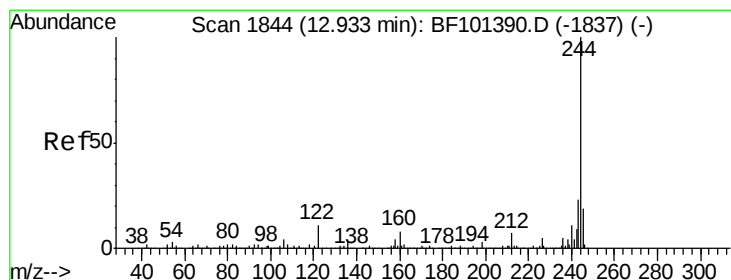
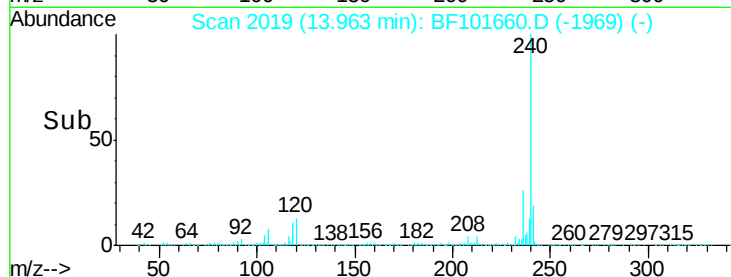
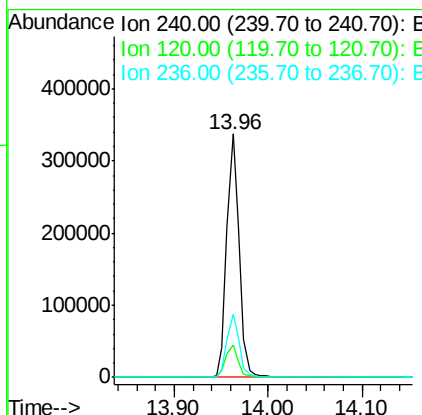
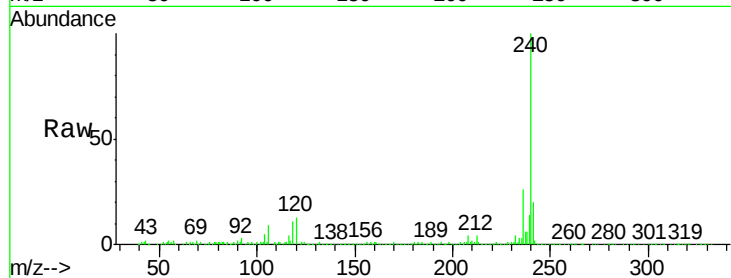




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

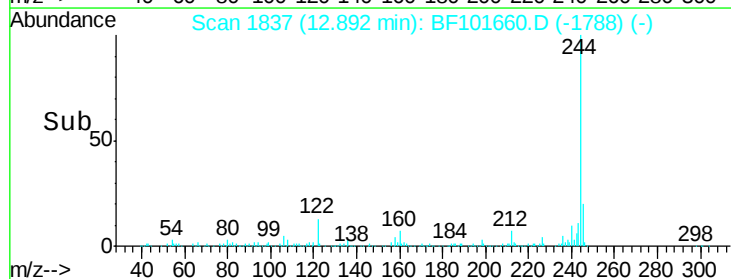
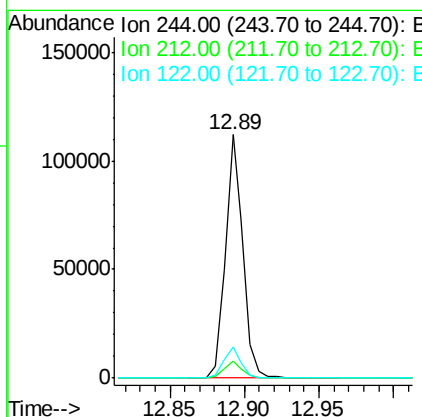
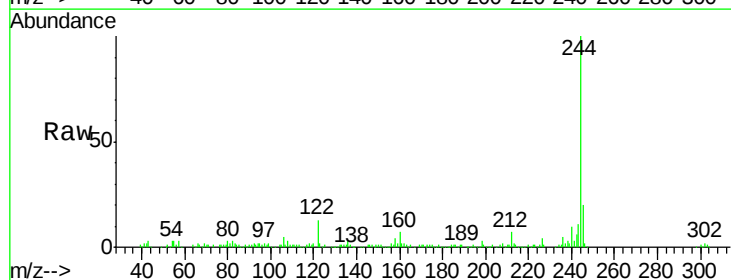
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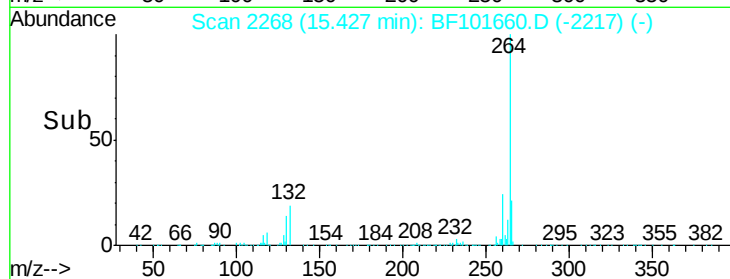
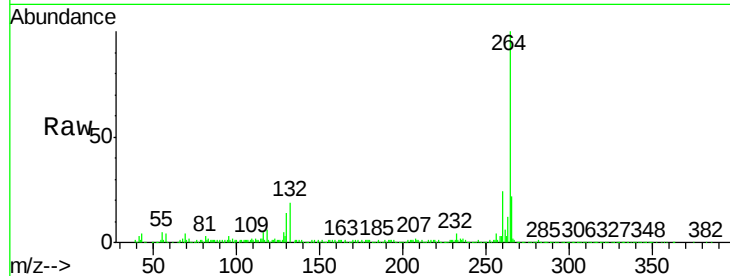
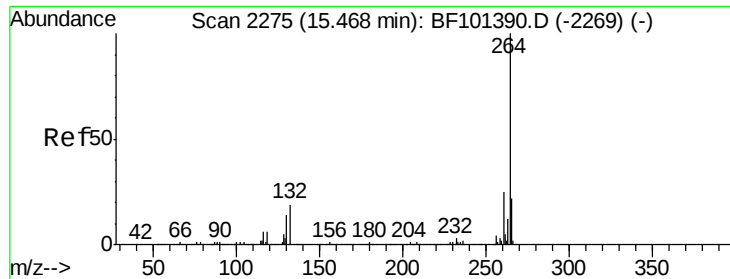
Tot Ion:240 Resp: 311177
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 7.212 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101660.D
 Acq: 22 Dec 2017 18:20

Tgt Ion:244 Resp: 93096
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.8 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101660.D
Acq: 22 Dec 2017 18:20

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

