

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111029.D
 Acq On : 28 Nov 2018 1:09
 Operator : JU/SJ
 Sample : J5070-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112118-CHDE-E-U-M

Quant Time: Nov 28 03:16:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

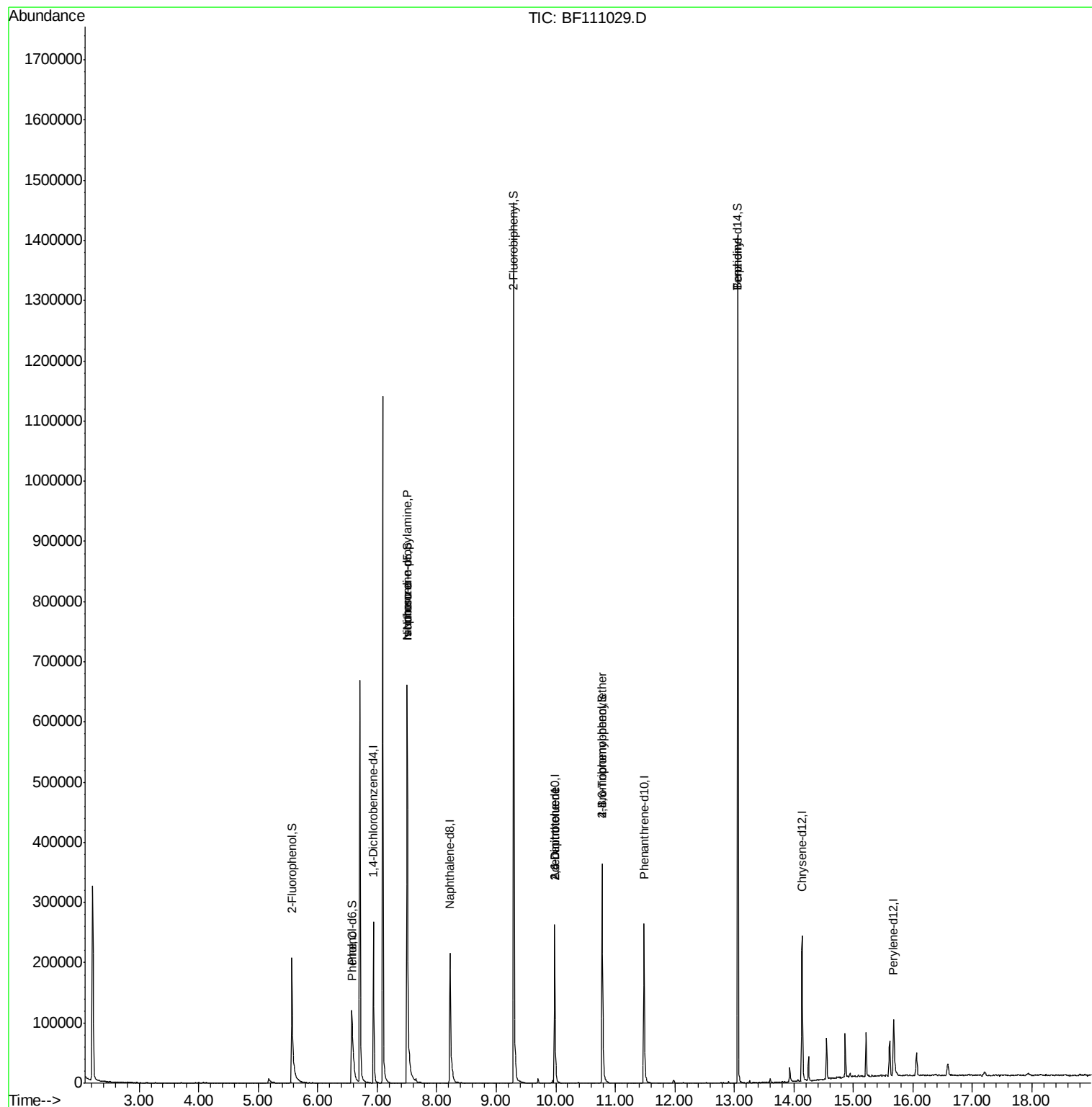
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	43634	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	165742	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	67557	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	131687	20.00	ng	0.00
76) Chrysene-d12	14.14	240	104325	20.00	ng	0.00
87) Perylene-d12	15.67	264	65388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	106439	40.45	ng	0.01
7) Phenol-d6	6.57	99	77402	22.57	ng	0.00
23) Nitrobenzene-d5	7.50	82	275652	95.18	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	59659	88.92	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	469594	100.71	ng	0.00
79) Terphenyl-d14	13.06	244	507616	94.72	ng	0.00
Target Compounds						
10) Phenol	6.59	94	9837	2.547	ng	79
19) n-Nitroso-di-n-propylamine	7.50	70	35691	15.979	ng	# 80
25) Isophorone	7.50	82	275652	58.026	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	8411	7.625	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8411	5.877	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3477	2.424	ng	# 1
77) Benzidine	13.06	184	6583	2.467	ng	99

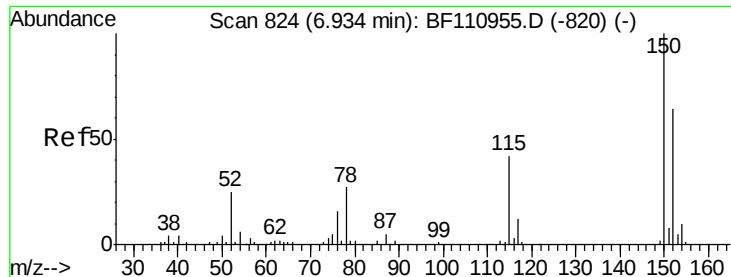
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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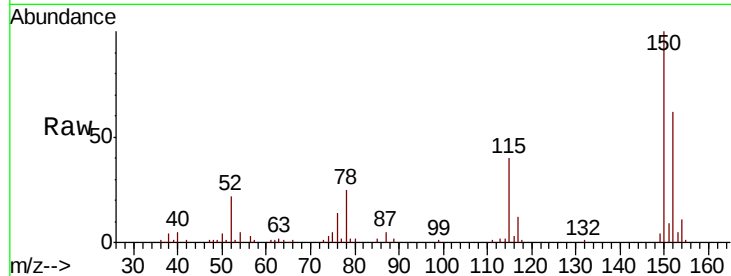


#1

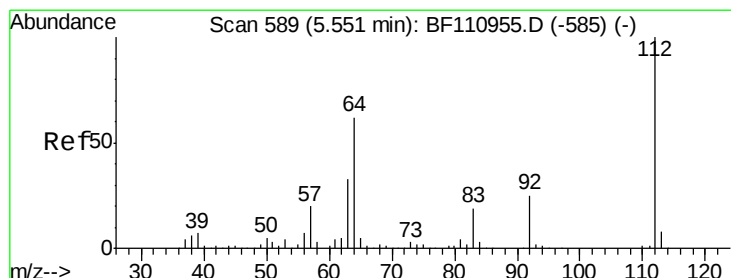
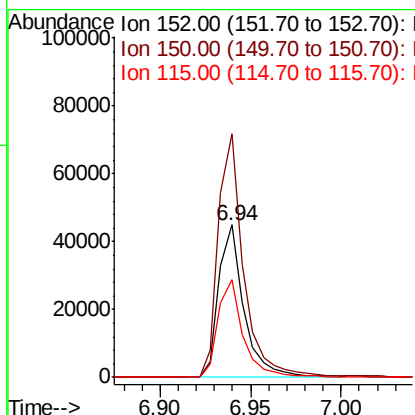
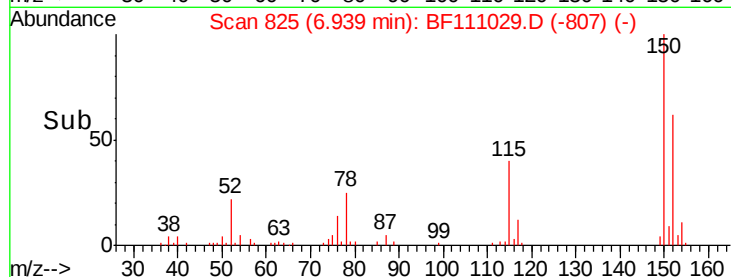
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111029.D
Acq: 28 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-M

Tgt Ion:152 Resp: 43634
Ion Ratio Lower Upper
152 100
150 160.0 122.7 184.1
115 64.0 49.1 73.7



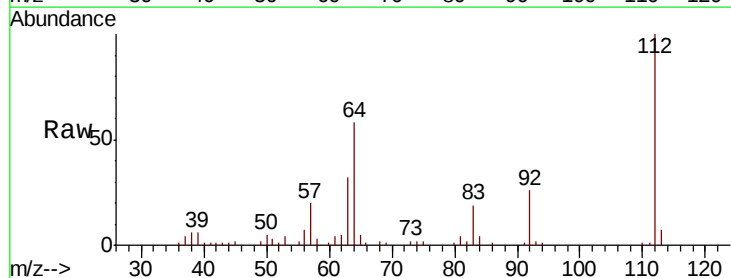
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



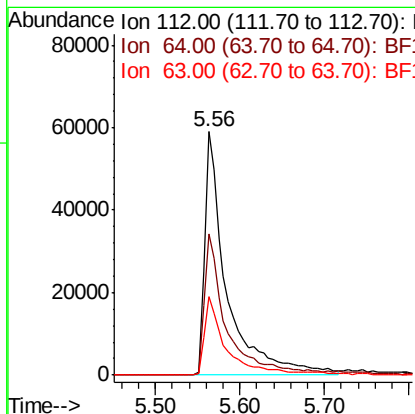
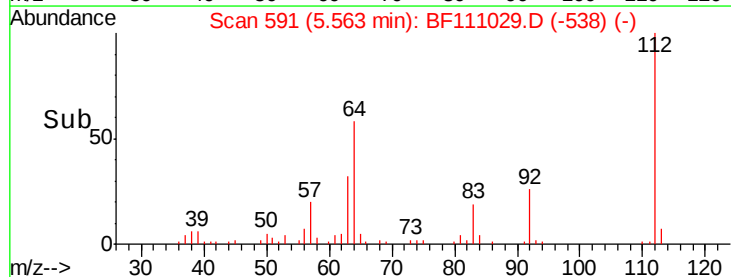
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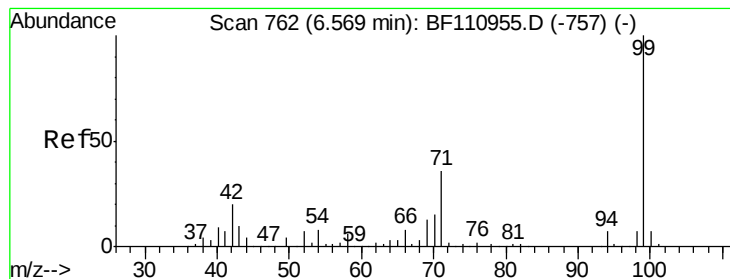
2-Fluorophenol
Concen: 40.452 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111029.D
Acq: 28 Nov 2018 1:09

Tgt Ion:112 Resp: 106439
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 32.5 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: 22.573 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111029.D

Acq: 28 Nov 2018 1:09

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-U-M

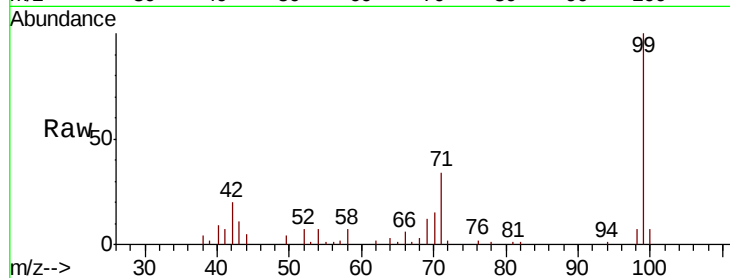
Tgt Ion: 99 Resp: 77402

Ion Ratio Lower Upper

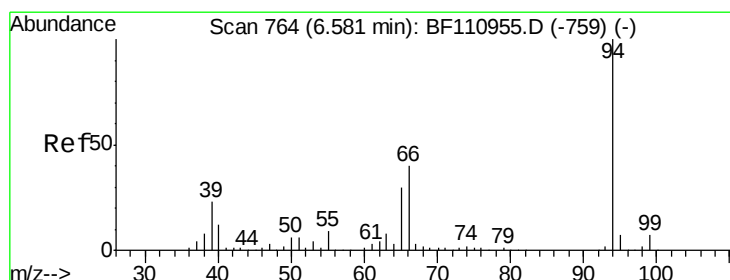
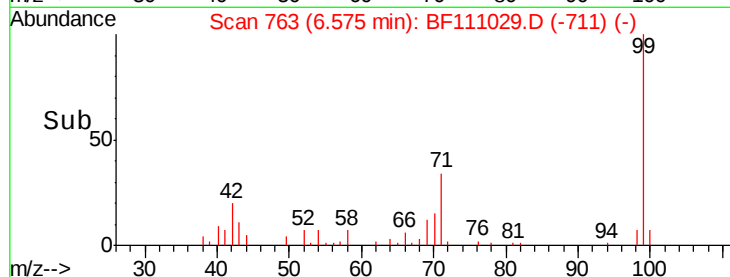
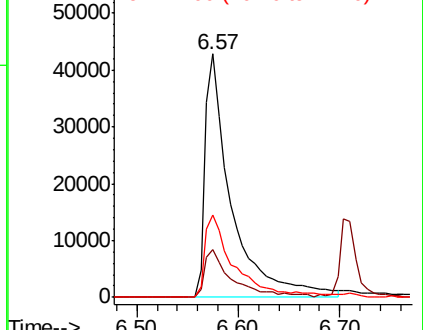
99 100

42 19.7 15.8 23.6

71 33.7 28.0 42.0



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: 2.547 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111029.D

Acq: 28 Nov 2018 1:09

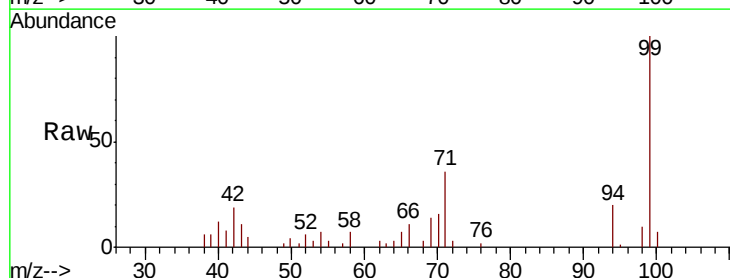
Tgt Ion: 94 Resp: 9837

Ion Ratio Lower Upper

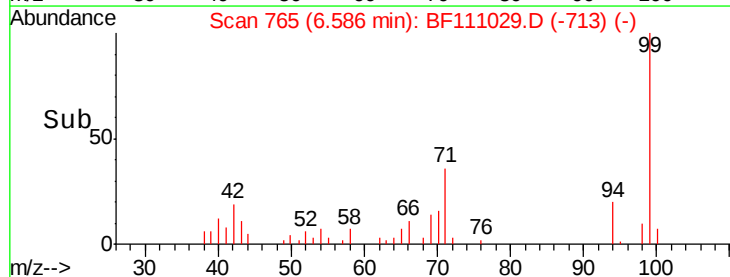
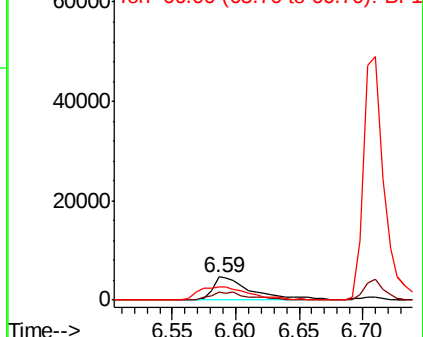
94 100

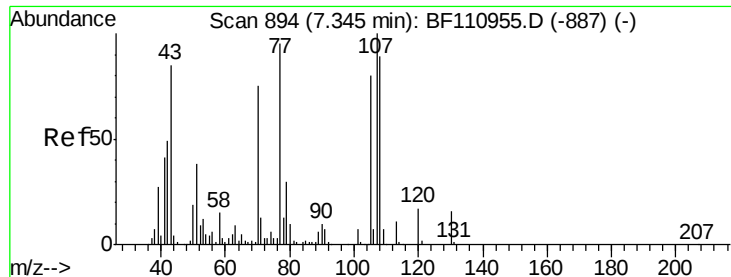
65 32.8 25.3 65.3

66 55.3 54.5 94.5



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

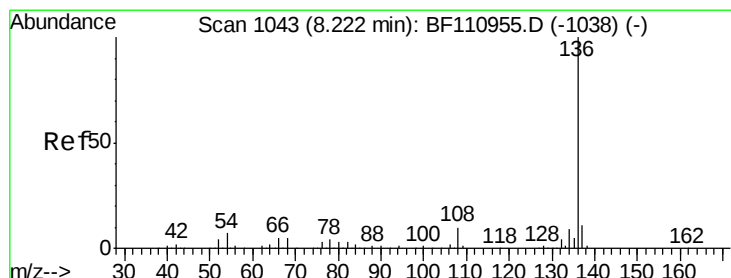
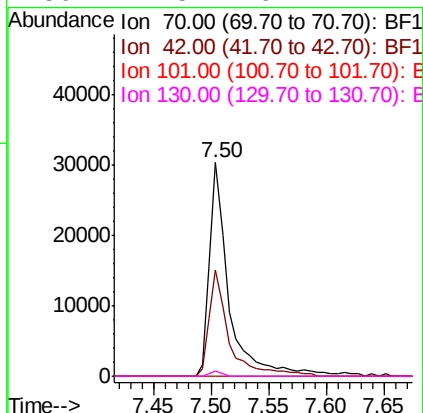
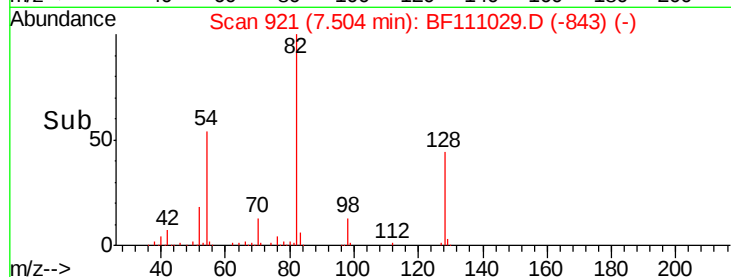
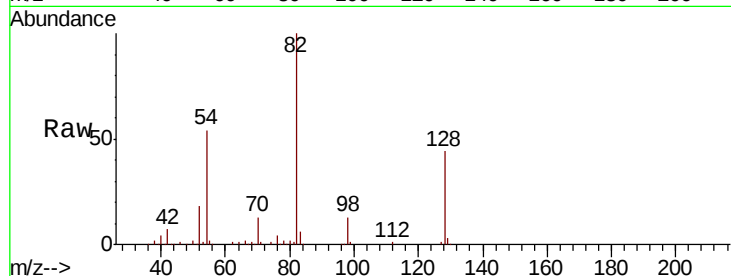




#19
n-Nitroso-di-n-propylamine
Concen: 15.979 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111029.D
Acq: 28 Nov 2018 1:09

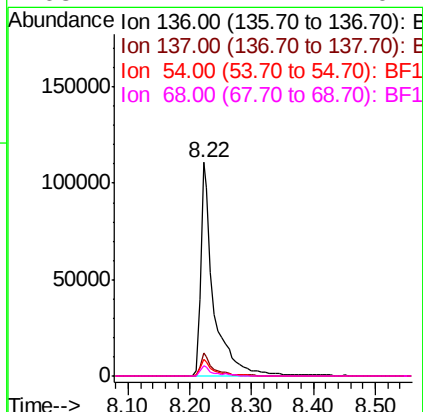
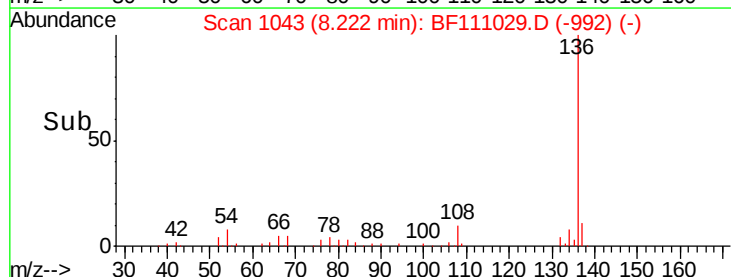
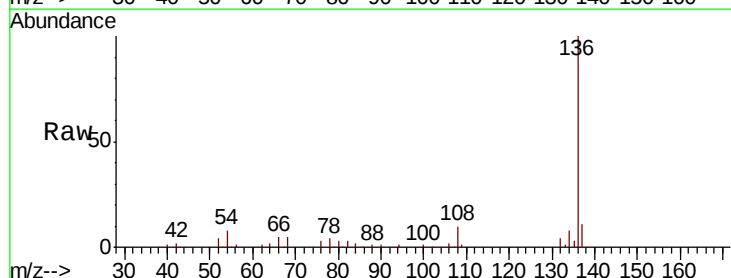
Instrument :
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ClientSampleId :
112118-CHDE-E-U-M

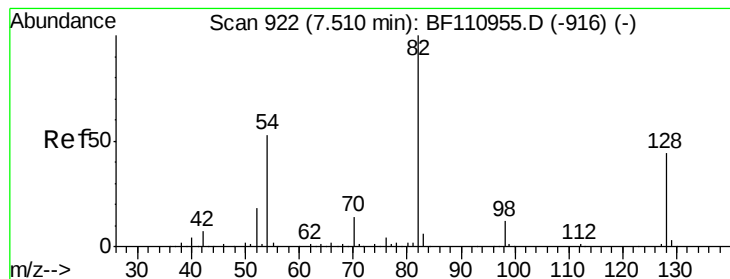
Tgt Ion: 70 Resp: 35691
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111029.D
Acq: 28 Nov 2018 1:09

Tgt Ion: 136 Resp: 165742
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 5.4 8.2
68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 95.183 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111029.D

Acq: 28 Nov 2018 1:09

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-U-M

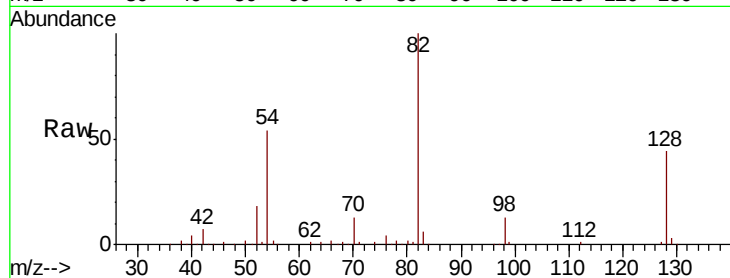
Tgt Ion: 82 Resp: 275652

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.2

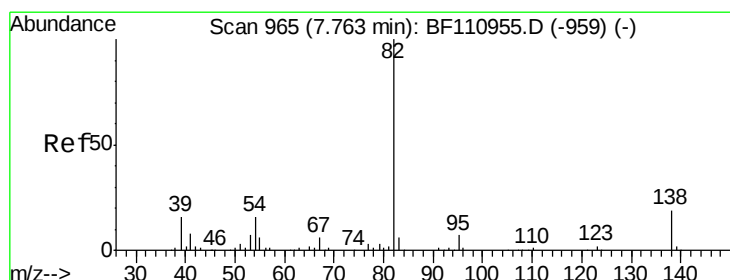
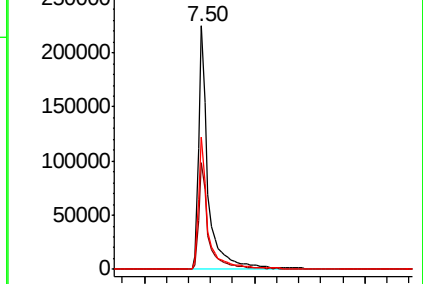
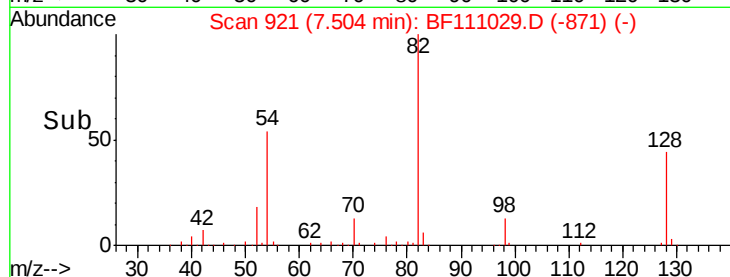
54 54.1 38.6 58.0



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: 58.026 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF111029.D

Acq: 28 Nov 2018 1:09

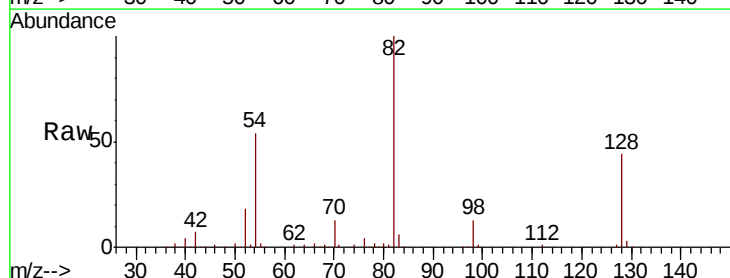
Tgt Ion: 82 Resp: 275652

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

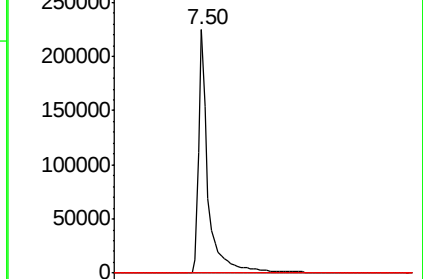
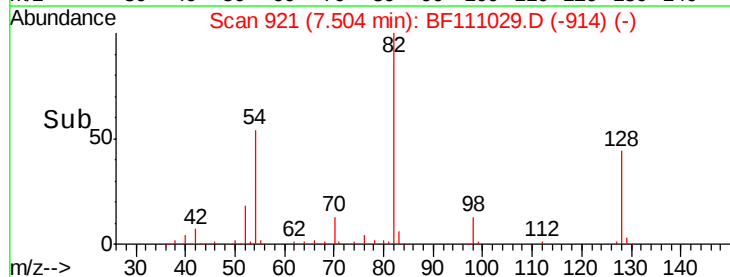
138 0.0 13.2 19.8#

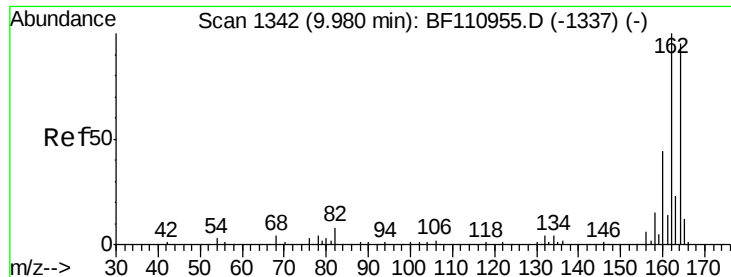


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

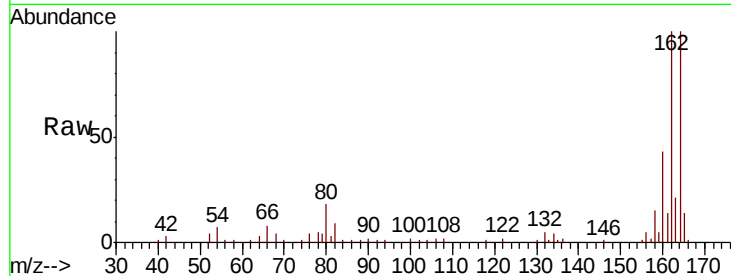




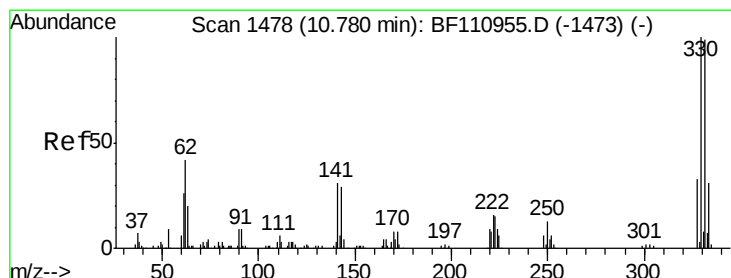
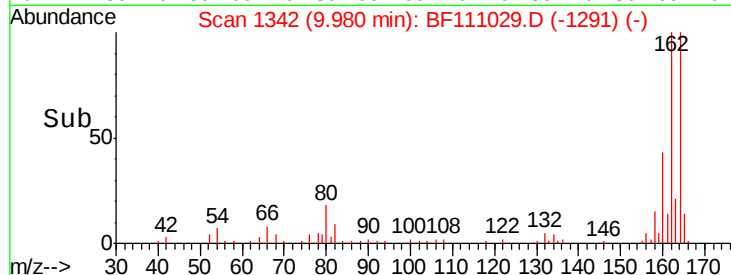
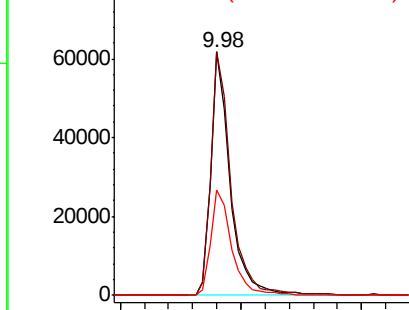
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111029.D
Acq: 28 Nov 2018 1:09

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Tgt Ion:164 Resp: 67557
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.6
160 43.3 37.0 55.6

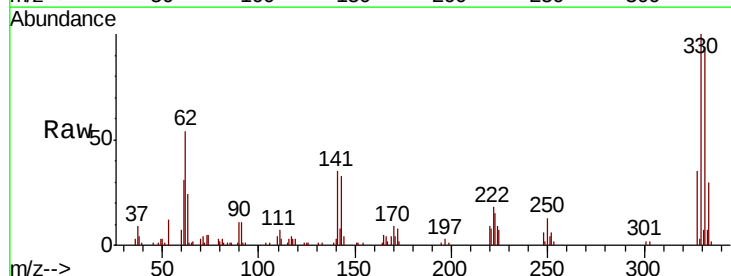


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

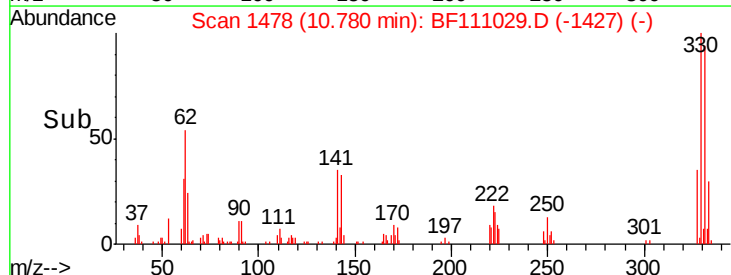
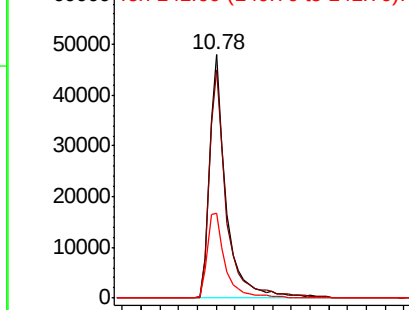


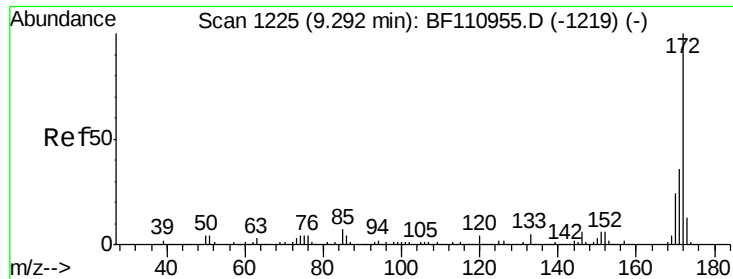
#42
2,4,6-Tribromophenol
Concen: 88.920 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111029.D
Acq: 28 Nov 2018 1:09

Tgt Ion:330 Resp: 59659
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 37.9 27.0 40.4



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

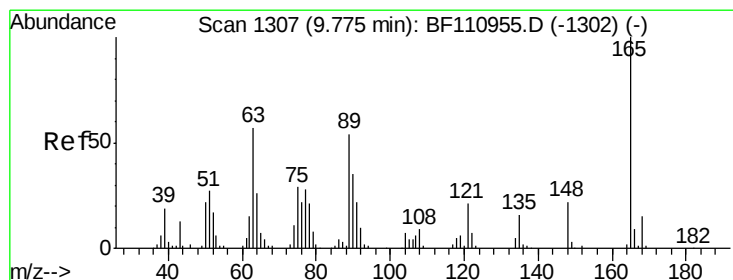
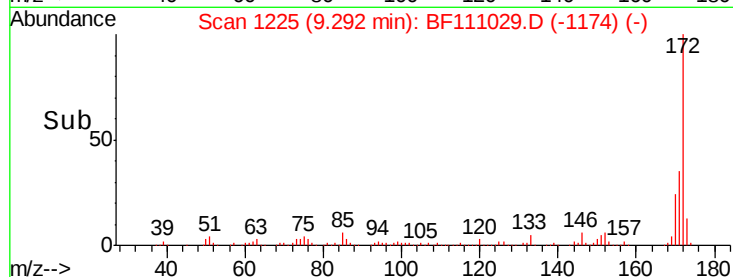
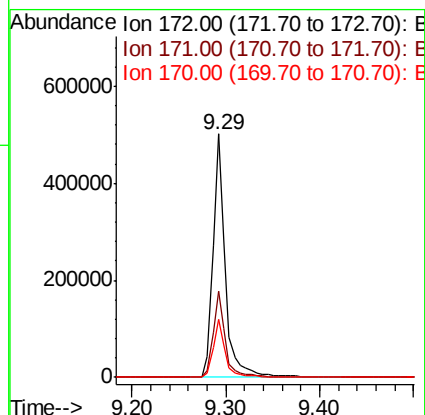
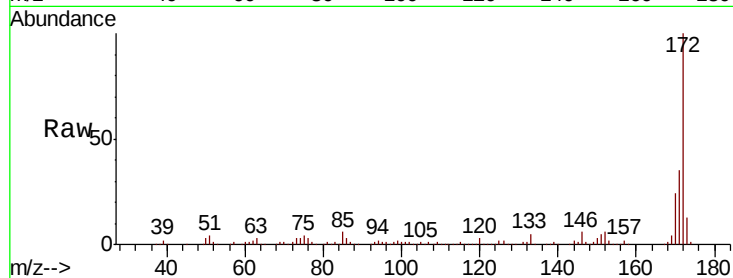




#45
 2-Fluorobiphenyl
 Concen: 100.705 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111029.D
 Acq: 28 Nov 2018 1:09

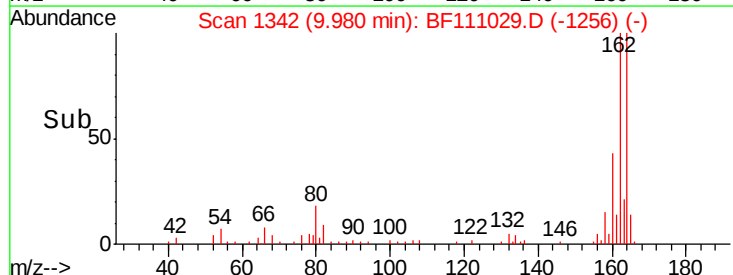
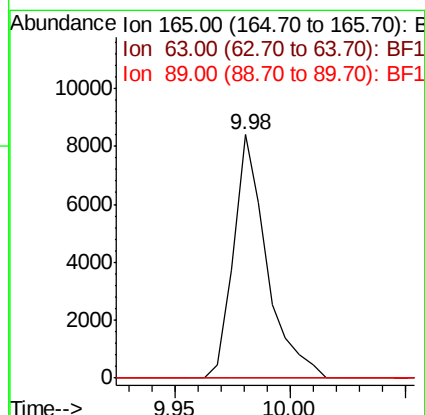
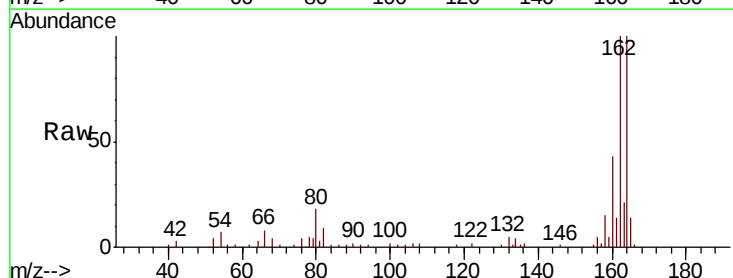
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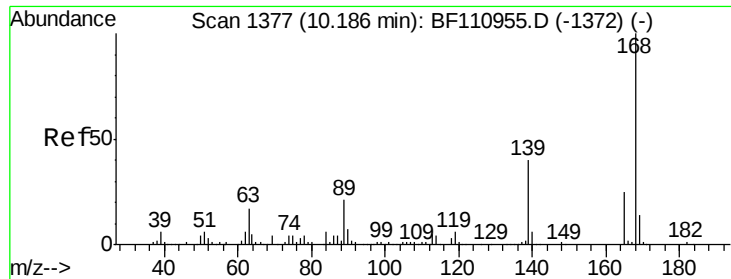
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.9	19.7	29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.625 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF111029.D
 Acq: 28 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

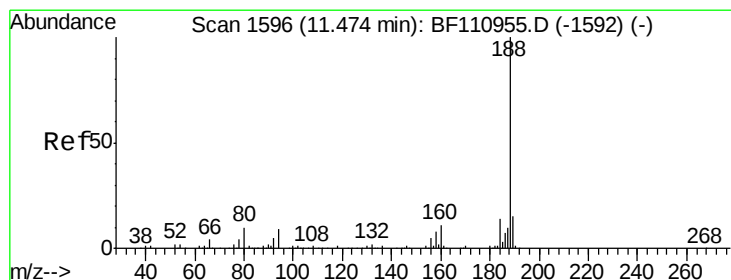
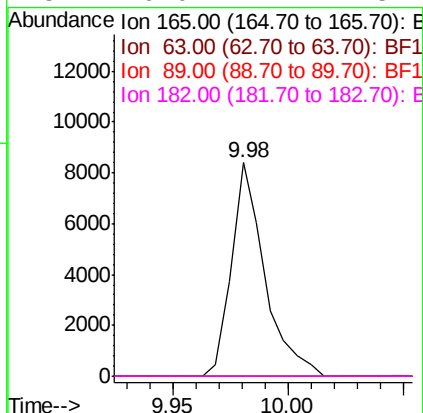
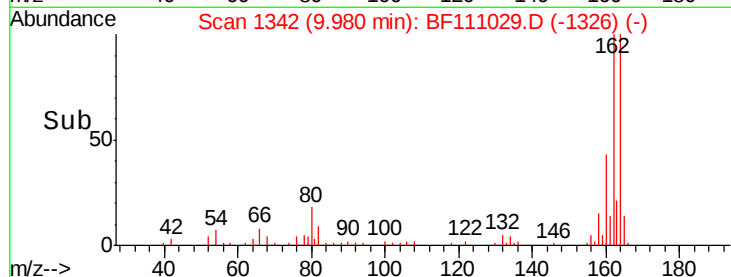
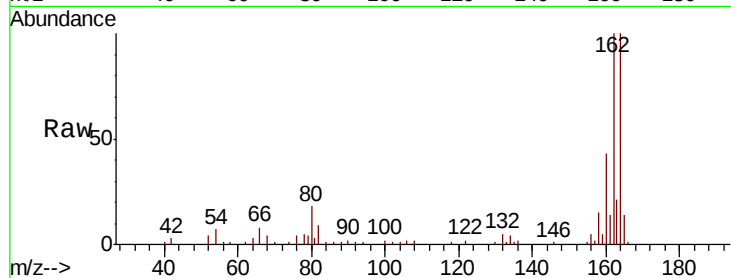




#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF111029.D
 Acq: 28 Nov 2018 1:09

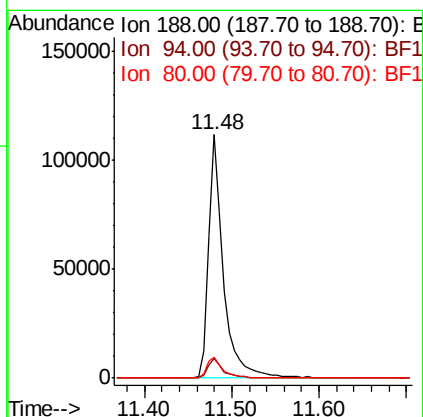
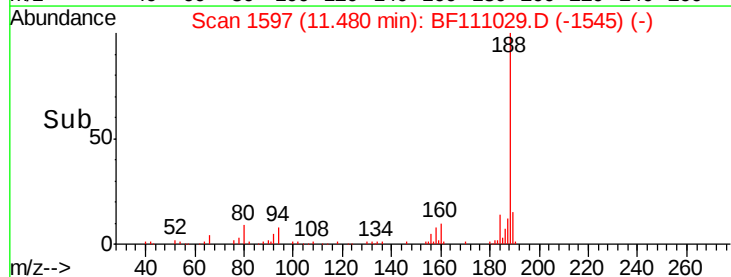
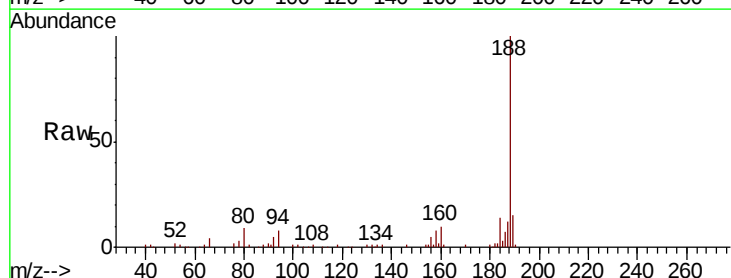
Instrument :
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 ClientSampleId :
 112118-CHDE-E-U-M

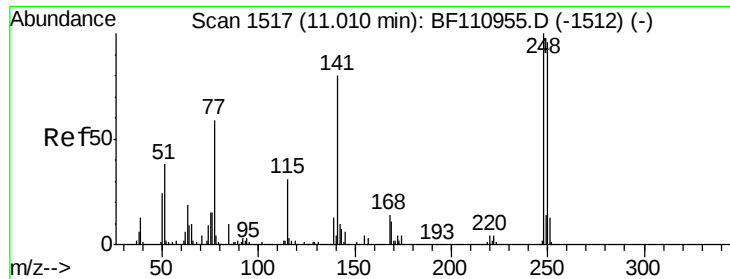
Tgt Ion:165 Resp: 8411
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 62.2 93.4#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF111029.D
 Acq: 28 Nov 2018 1:09

Tgt Ion:188 Resp: 131687
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.2 10.8
 80 8.7 7.9 11.9

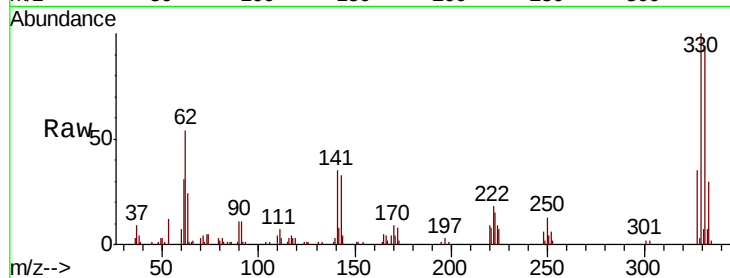




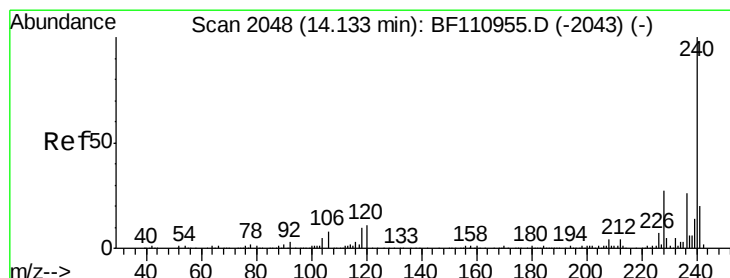
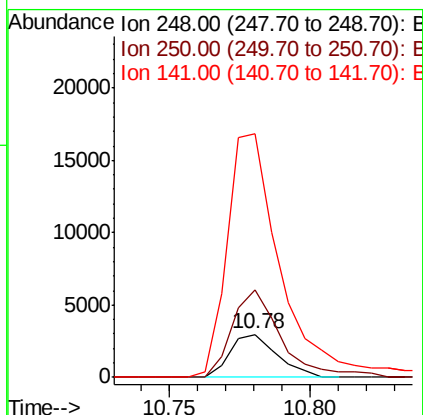
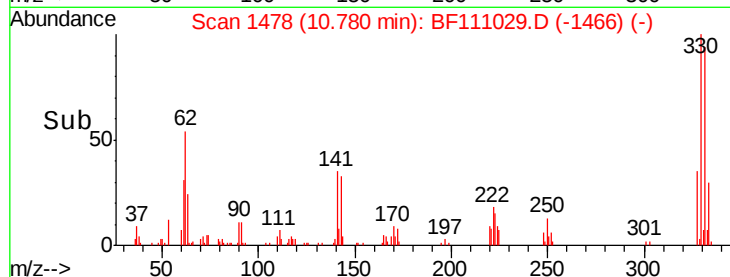
#67
 4-Bromophenyl-phenylether
 Concen: 2.424 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.23 min
 Lab File: BF111029.D
 Acq: 28 Nov 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 112118-CHDE-E-U-M

Tgt Ion:248 Resp: 3477
 Ion Ratio Lower Upper
 248 100
 250 201.2 79.4 119.2#
 141 562.4 55.9 83.9#

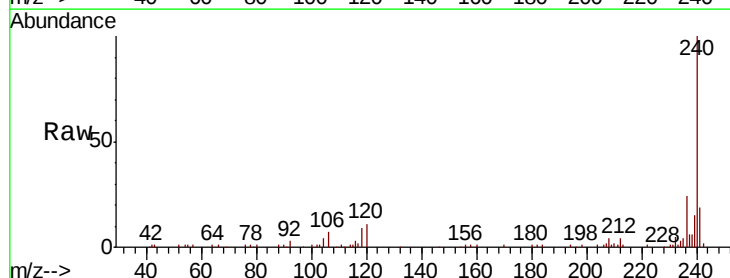


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

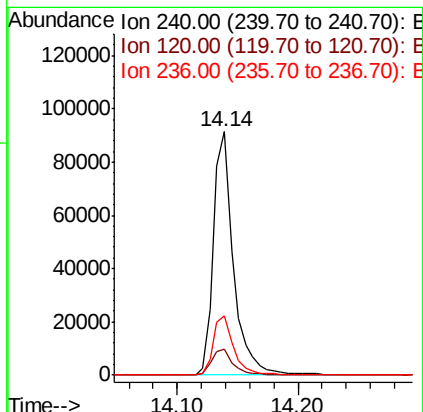
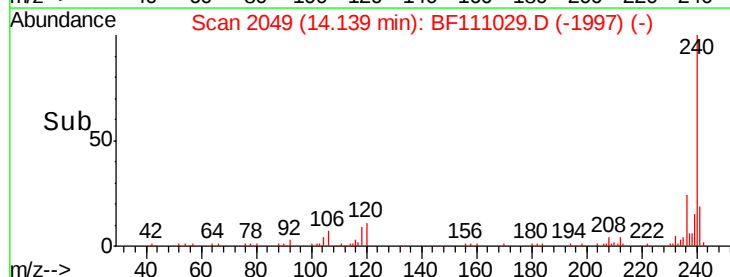


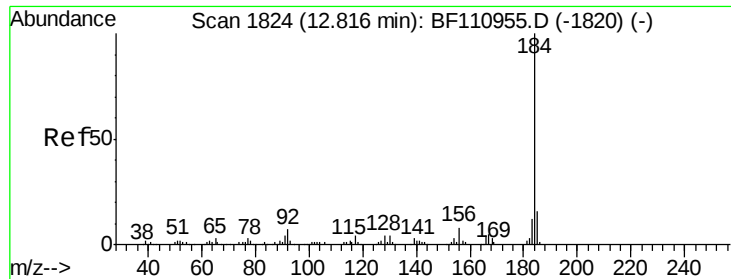
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF111029.D
 Acq: 28 Nov 2018 1:09

Tgt Ion:240 Resp: 104325
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.3 12.5
 236 24.3 21.2 31.8



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





#77

Benzidine

Concen: 2.467 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.24 min

Lab File: BF111029.D

Acq: 28 Nov 2018 1:09

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-U-M

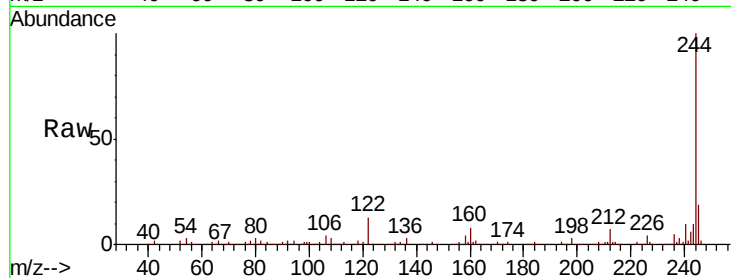
Tgt Ion:184 Resp: 6583

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.2

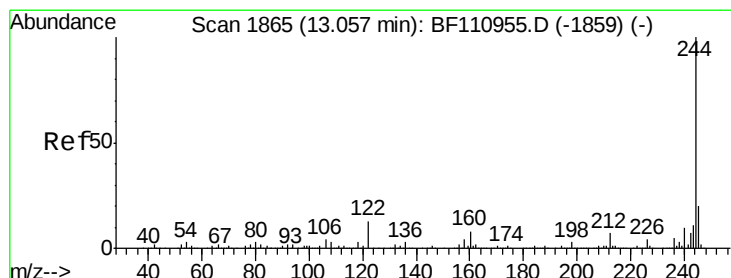
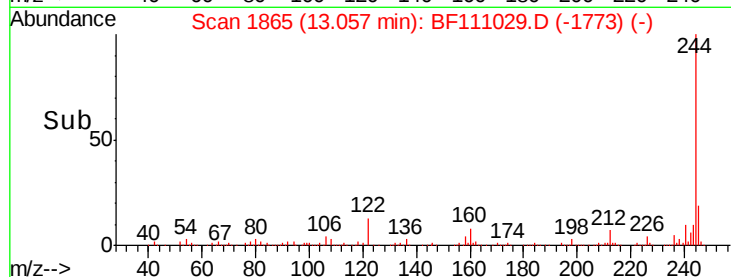
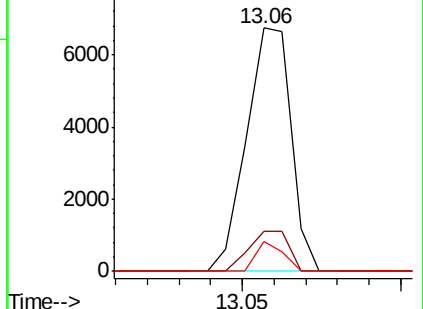
183 12.0 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 94.718 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111029.D

Acq: 28 Nov 2018 1:09

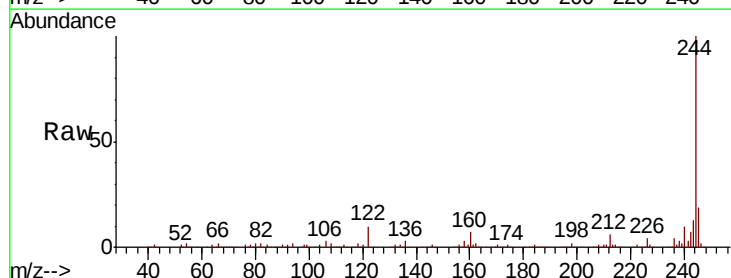
Tgt Ion:244 Resp: 507616

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

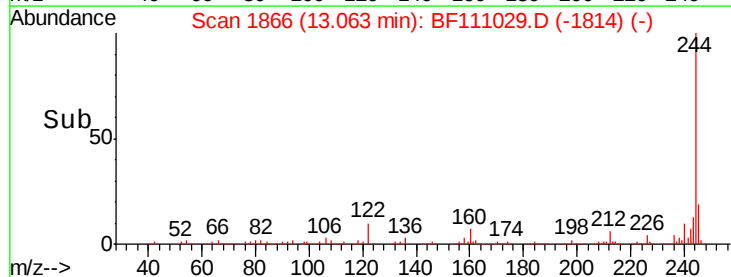
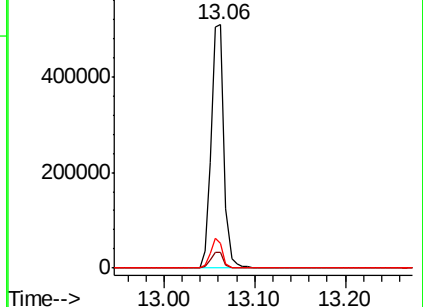
122 10.1 8.7 13.1

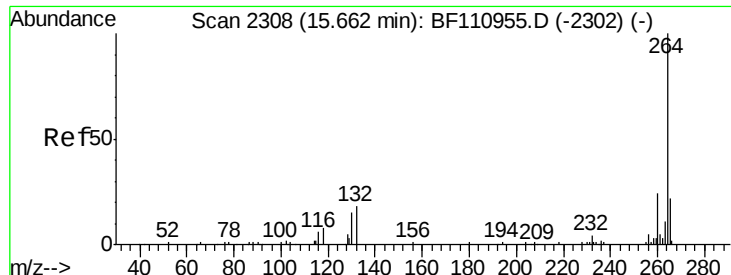


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111029.D
Acq: 28 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.8	16.7	25.1

