

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112461.D
 Acq On : 8 Feb 2019 15:58
 Operator : JU/SJ
 Sample : K1404-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C12-SS2-3.5-4.0

Quant Time: Feb 09 04:56:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

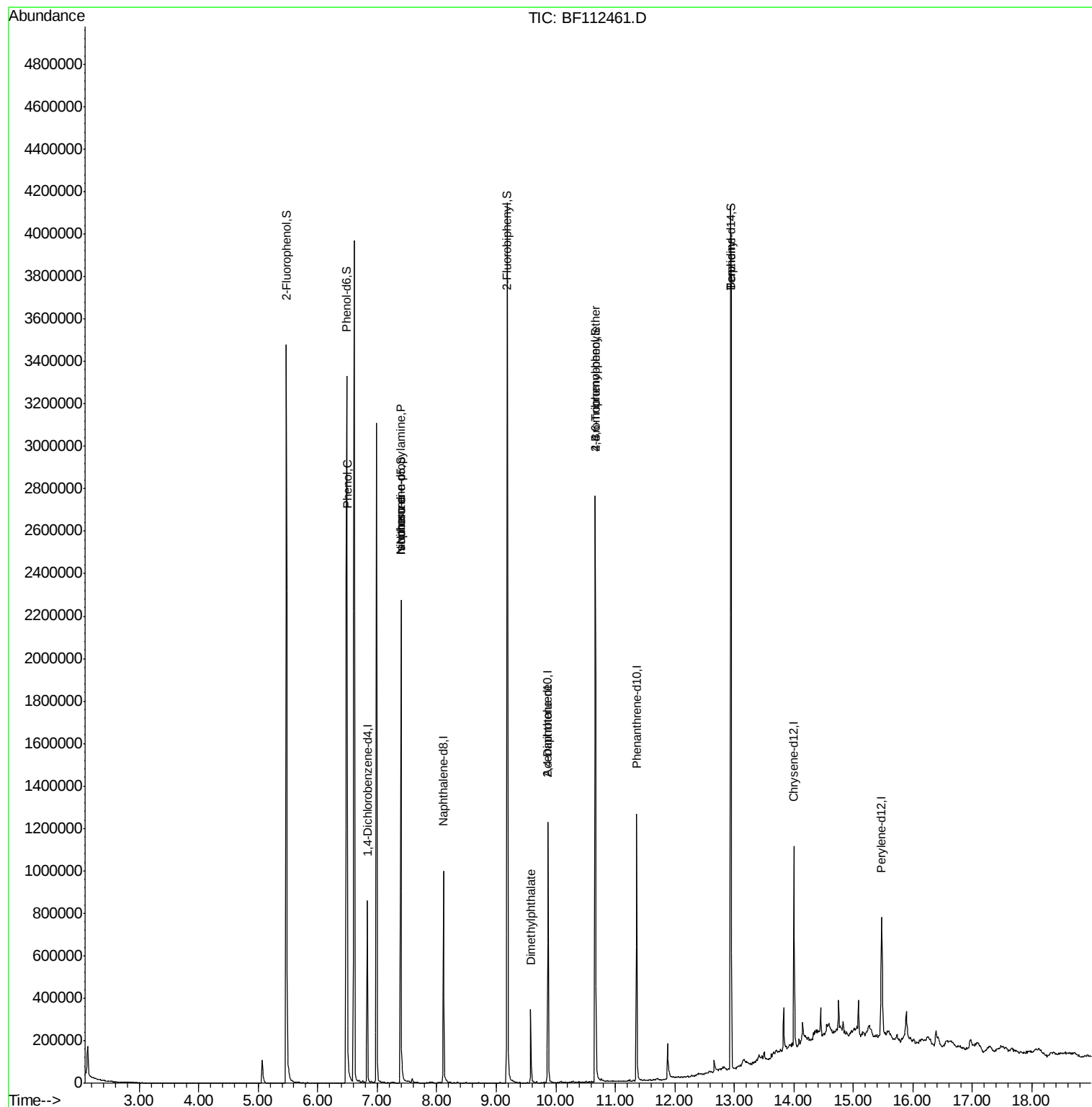
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	137101	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	514520	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	246116	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	476393	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	332716	20.00	ng	0.00
87) Perylene-d12	15.47	264	302874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1037199	160.69	ng	0.00
7) Phenol-d6	6.49	99	1297769	144.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	815558	91.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	365140	127.46	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1477024	84.88	ng	-0.01
79) Terphenyl-d14	12.94	244	1412493	79.96	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	62878	6.390	ng	81
19) n-Nitroso-di-n-propylamine	7.40	70	109980	17.783	ng	# 74
25) Isophorone	7.40	82	815549	58.218	ng	# 63
50) Dimethylphthalate	9.58	163	152027	7.950	ng	99
57) 2,4-Dinitrotoluene	9.87	165	31467	5.772	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	21999	3.926	ng	# 1
77) Benzidine	12.94	184	19880	2.171	ng	# 95

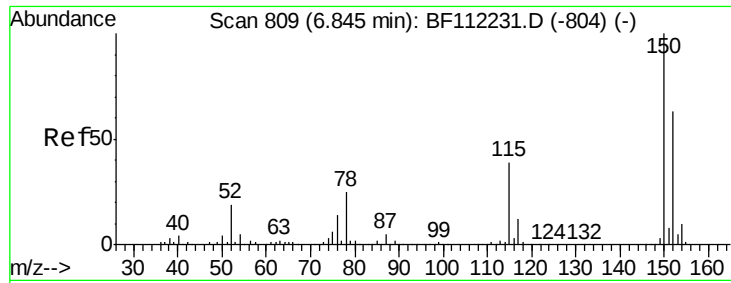
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Instrument :

BNA_F

ClientSampleId :

A0C12-SS2-3.5-4.0

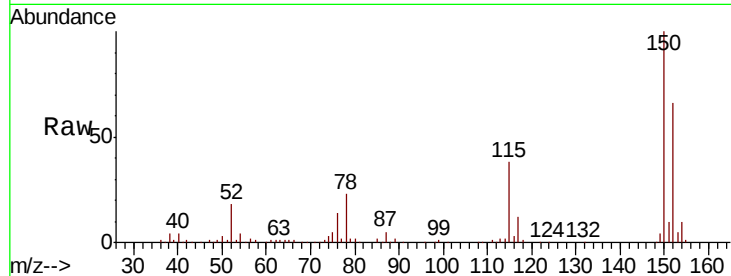
Tot Ion:152 Resp: 137101

Ion Ratio Lower Upper

152 100

150 152.1 127.4 191.0

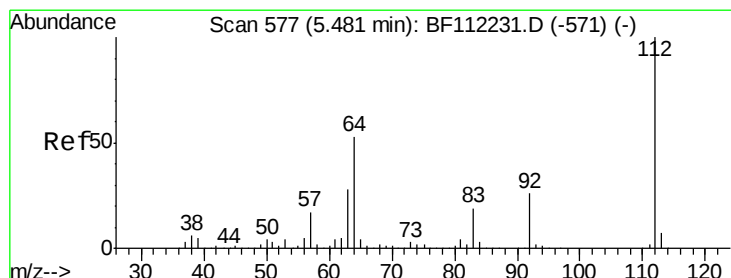
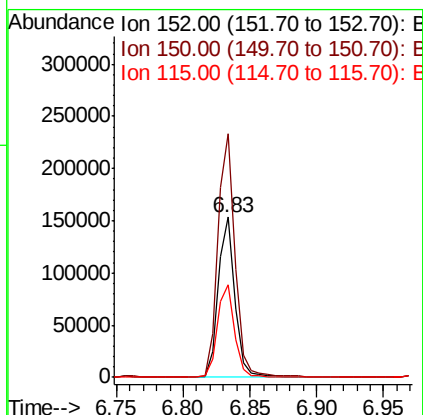
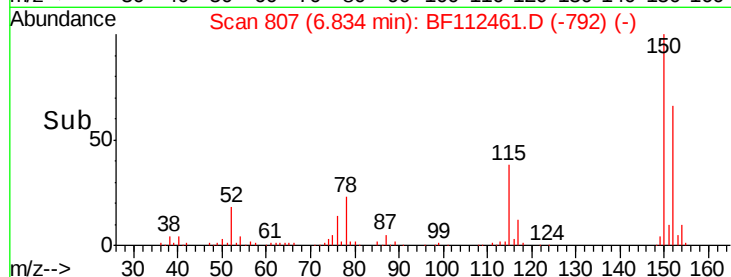
115 57.4 45.5 68.3



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



#5

2-Fluorophenol

Concen: 160.690 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

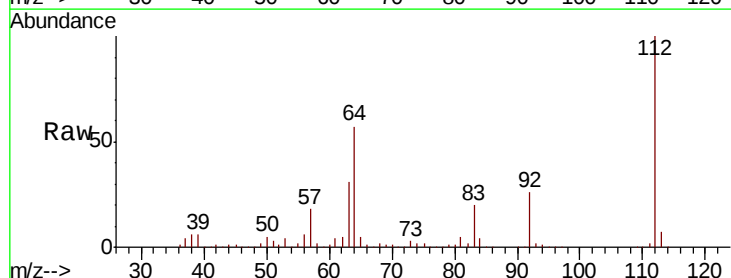
Tgt Ion:112 Resp: 1037199

Ion Ratio Lower Upper

112 100

64 57.2 45.7 68.5

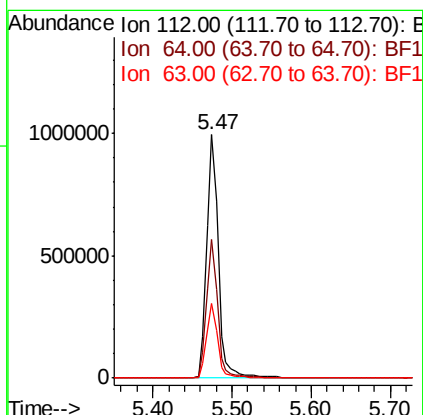
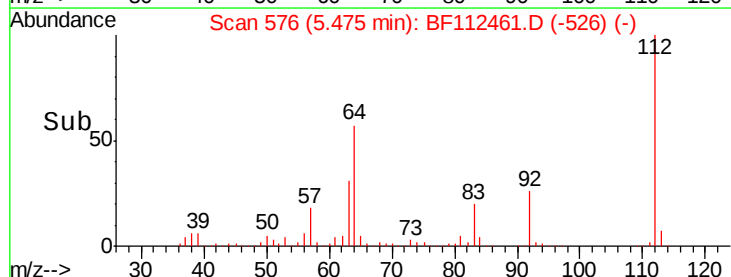
63 30.8 23.6 35.4



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: 144.694 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Instrument :

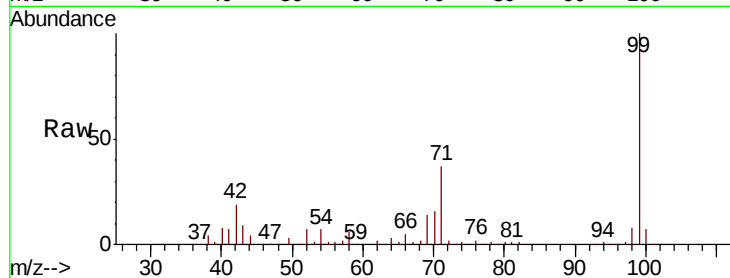
BNA_F

ClientSampleId :

A0C12-SS2-3.5-4.0

Tot Ion: 99 Resp: 1297769

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.1	26.9	40.3

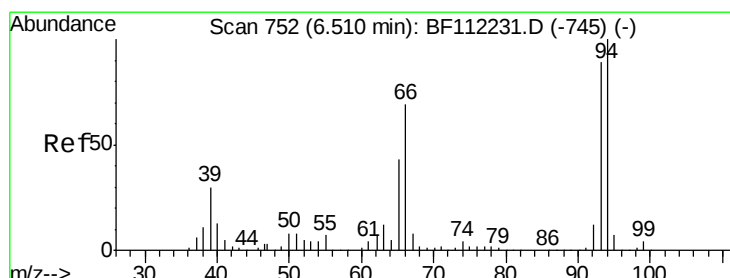
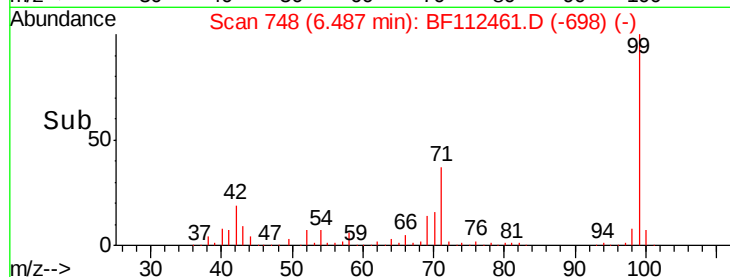


Abundance

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: 6.390 ng

RT: 6.50 min Scan# 750

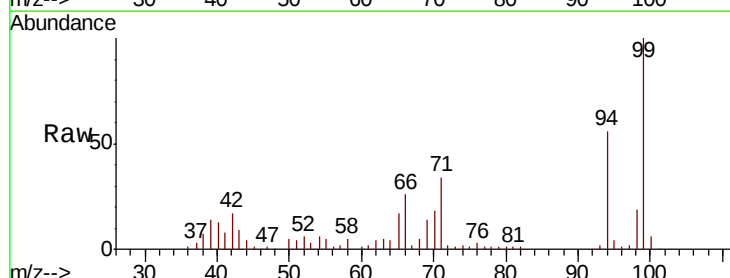
Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Tgt Ion: 94 Resp: 62878

Ion	Ratio	Lower	Upper
94	100		
65	30.3	20.3	60.3
66	46.7	42.4	82.4

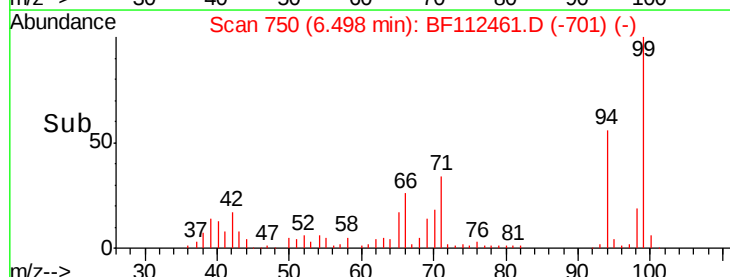


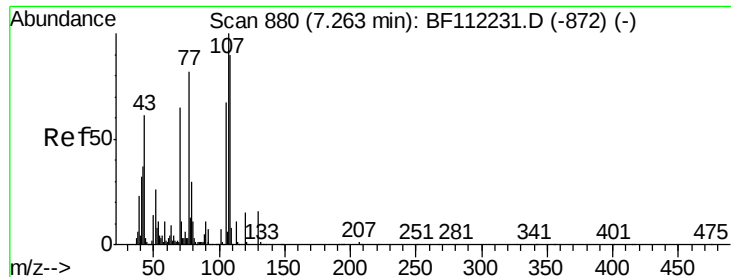
Abundance

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

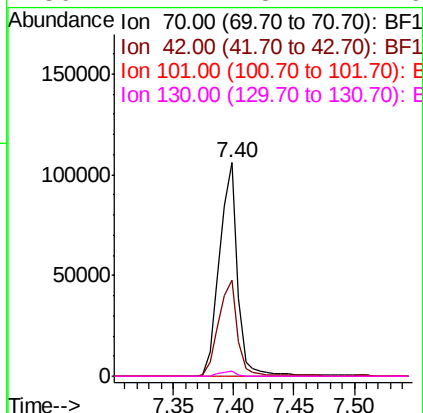
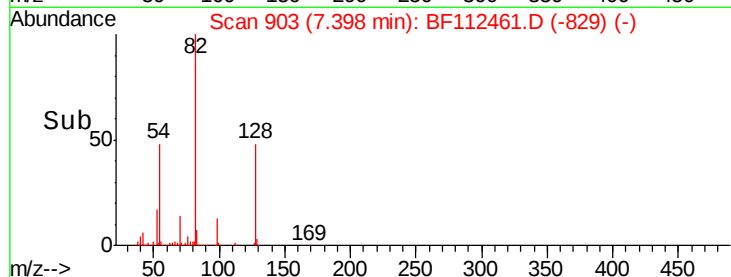
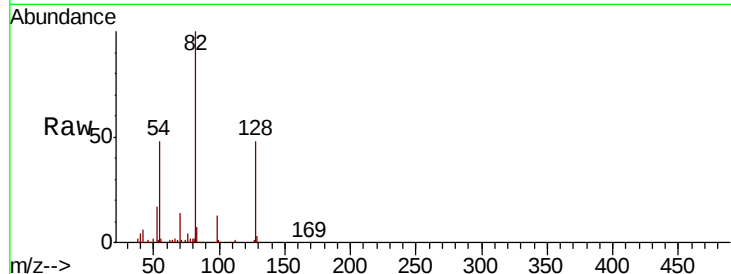




#19
n-Nitroso-di-n-propylamine
Concen: 17.783 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

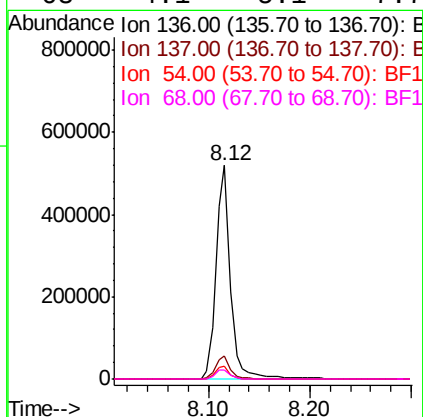
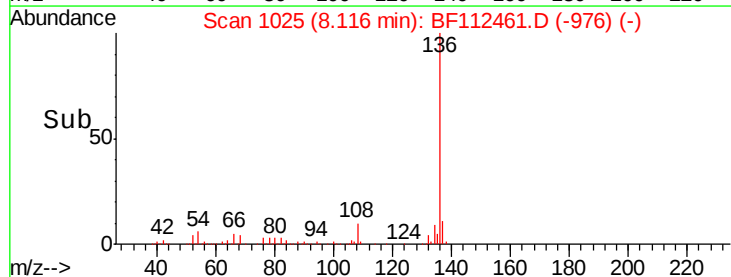
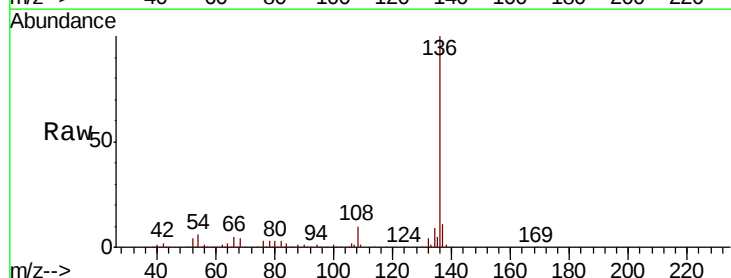
Instrument :
BNA_F
ClientSampleId :
A0C12-SS2-3.5-4.0

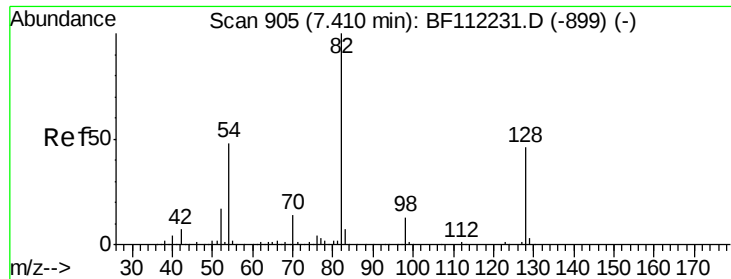
Tot Ion: 70 Resp: 109980
Ion Ratio Lower Upper
70 100
42 45.1 47.6 71.4#
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion: 136 Resp: 514520
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 5.8 5.9 8.9#
68 4.1 5.1 7.7#

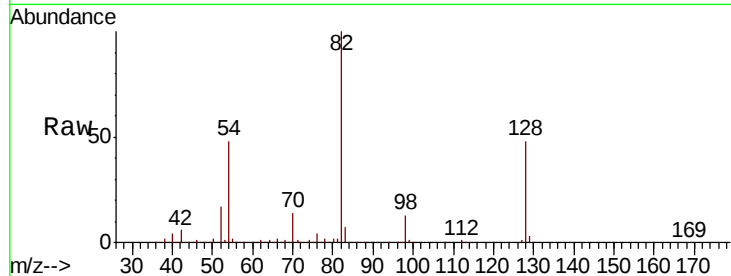




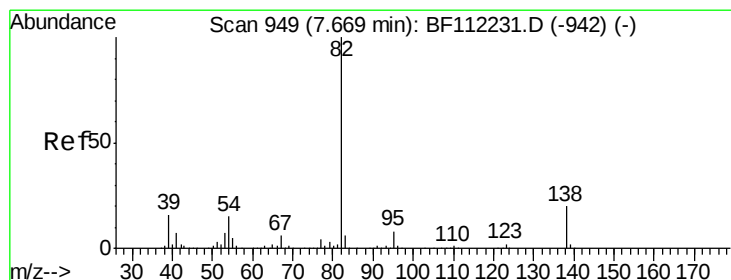
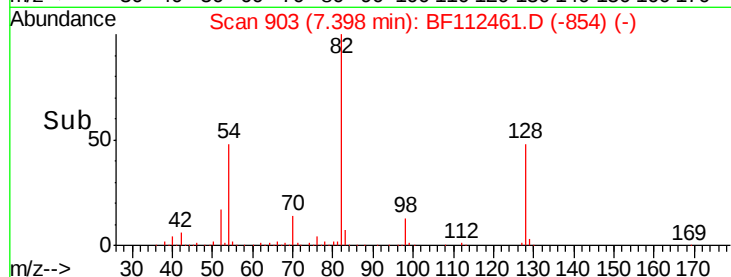
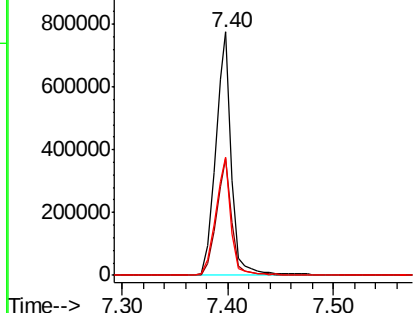
#23
 Nitrobenzene-d5
 Concen: 91.332 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112461.D
 Acq: 8 Feb 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A0C12-SS2-3.5-4.0

Tot Ion	82	Resp	815558
Ion Ratio	Lower	Upper	
82	100		
128	48.0	37.8	56.8
54	48.3	39.7	59.5

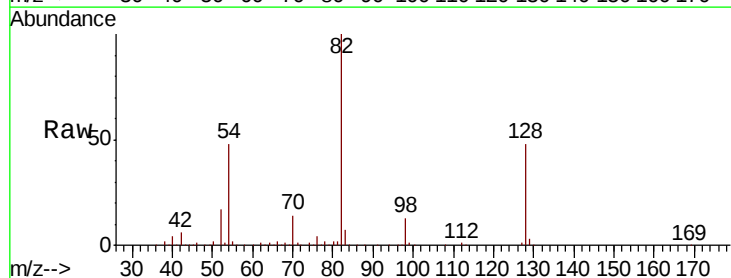


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

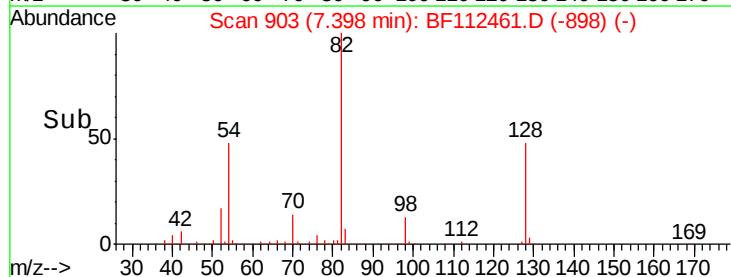
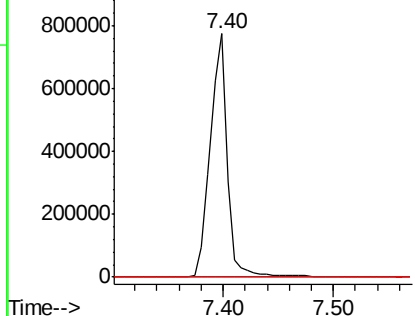


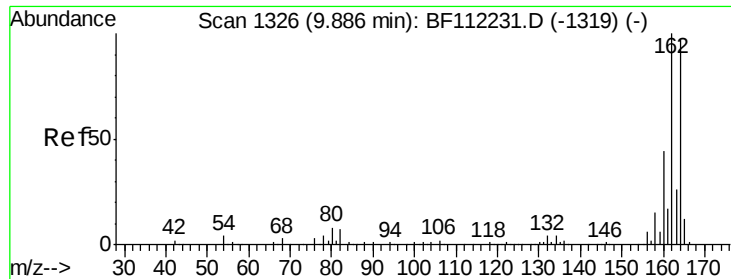
#25
 Isophorone
 Concen: 58.218 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112461.D
 Acq: 8 Feb 2019 15:58

Tgt Ion	82	Resp	815549
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



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

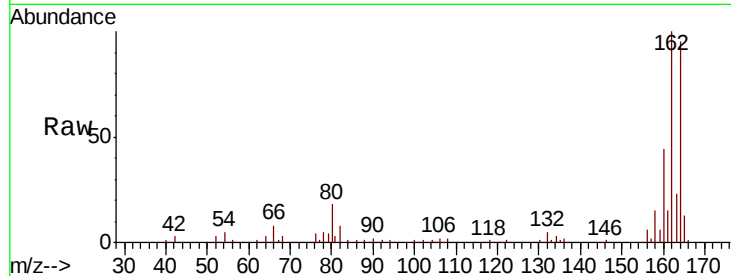




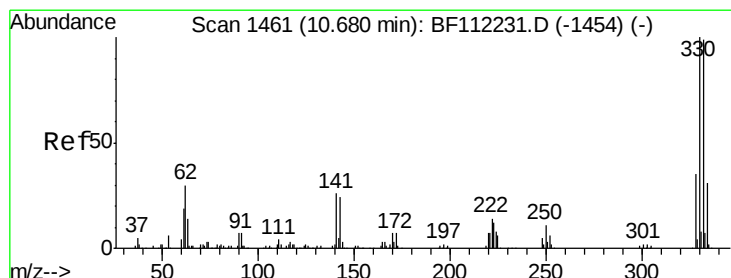
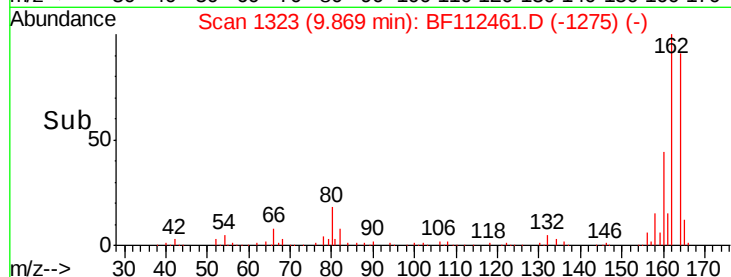
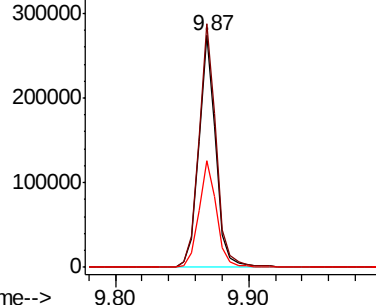
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Instrument :
BNA_F
ClientSampleId :
A0C12-SS2-3.5-4.0

Tot Ion:164 Resp: 246116
Ion Ratio Lower Upper
164 100
162 105.0 82.2 123.4
160 46.2 36.2 54.4

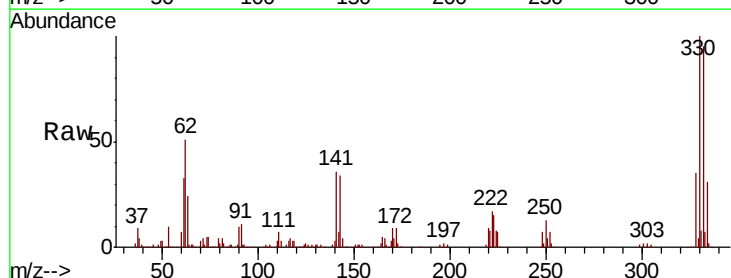


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

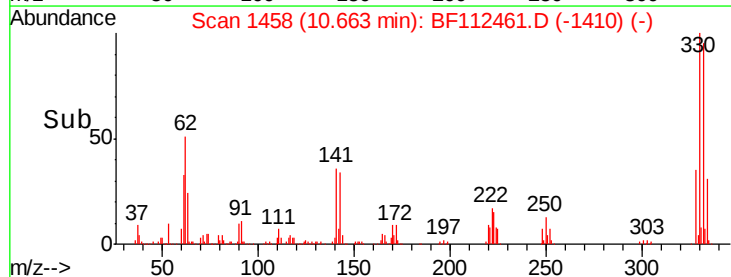
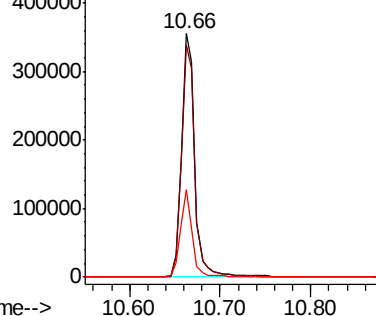


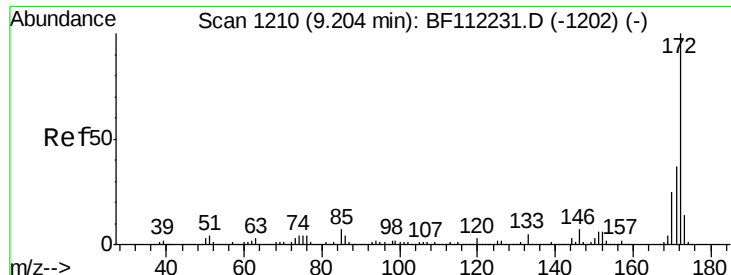
#42
2,4,6-Tribromophenol
Concen: 127.461 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion:330 Resp: 365140
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 32.5 24.3 36.5



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

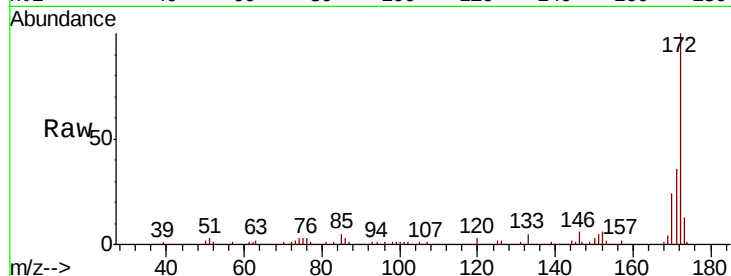




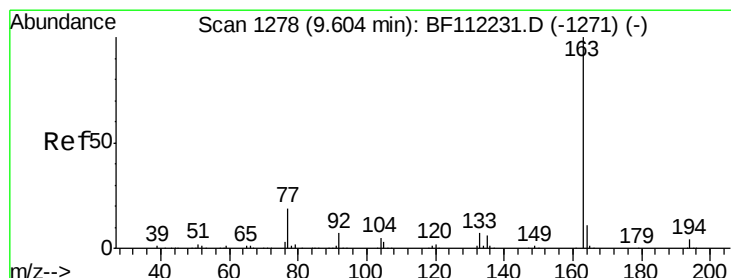
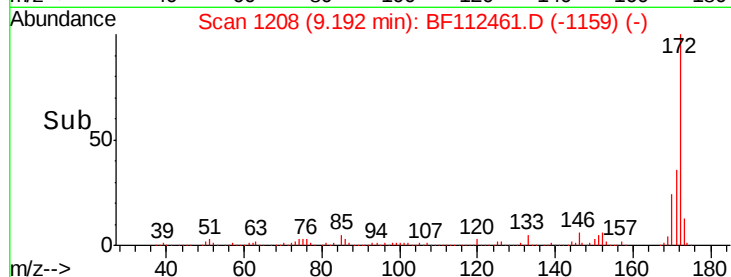
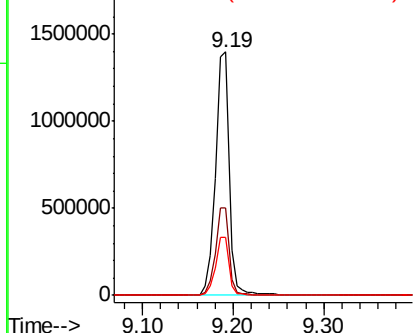
#45
2-Fluorobiphenyl
Concen: 84.879 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Instrument :
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ClientSampleId :
A0C12-SS2-3.5-4.0

Tot Ion:172 Resp: 1477024
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 23.7 20.2 30.4

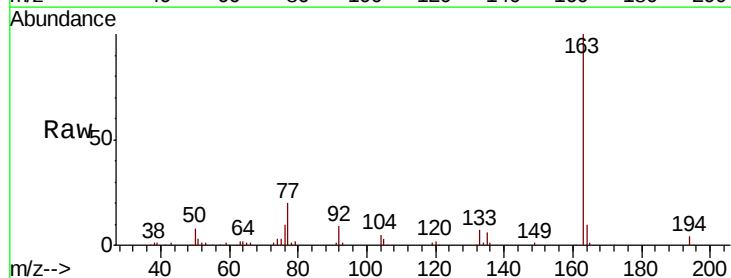


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

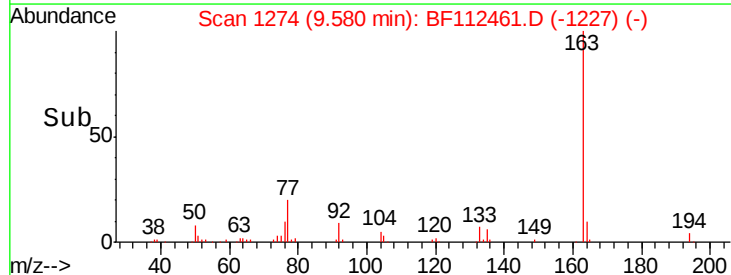
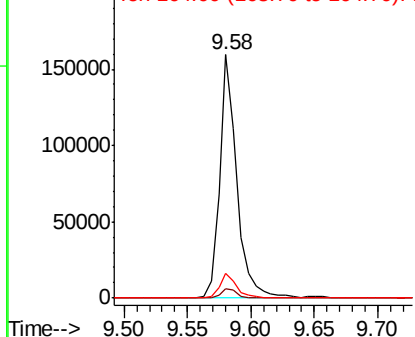


#50
Dimethylphthalate
Concen: 7.950 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion:163 Resp: 152027
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.5 12.7



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

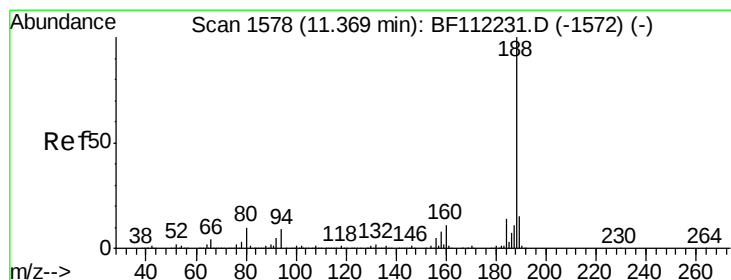
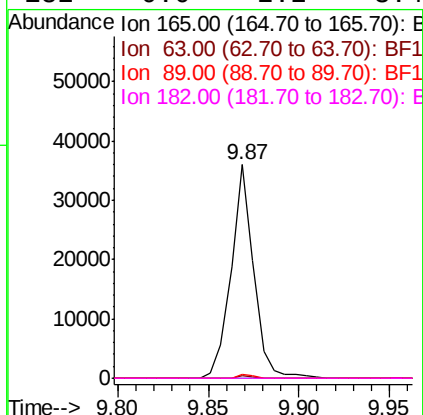
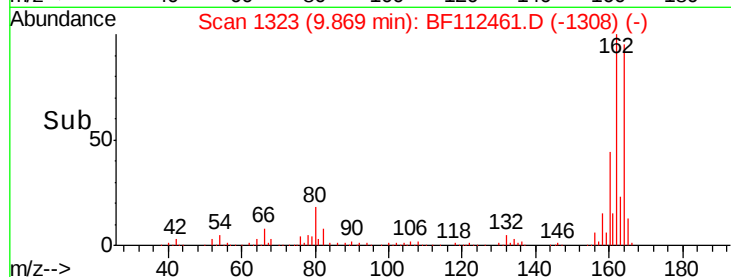
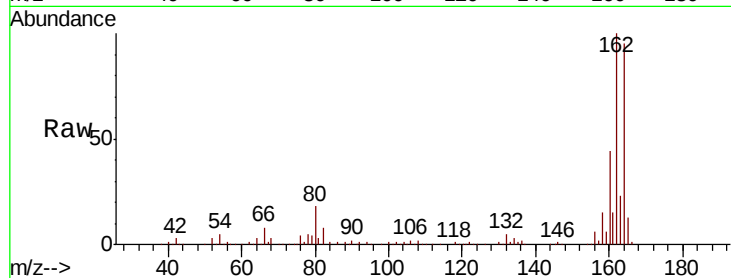




#57
 2,4-Dinitrotoluene
 Concen: 5.772 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112461.D
 Acq: 8 Feb 2019 15:58

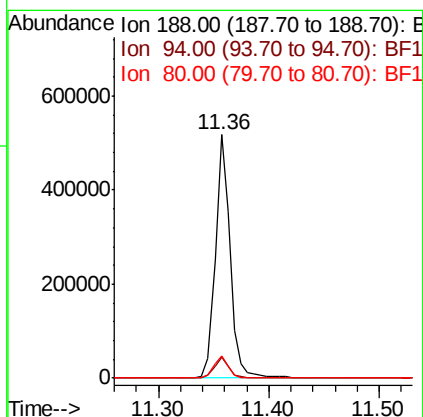
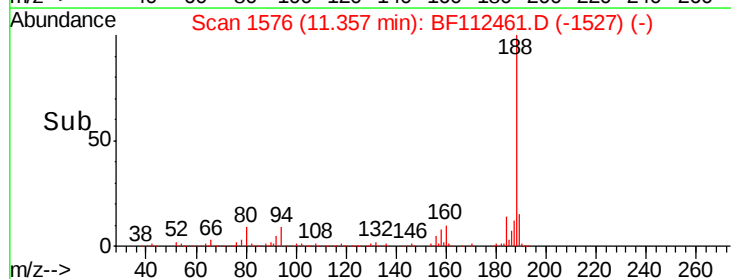
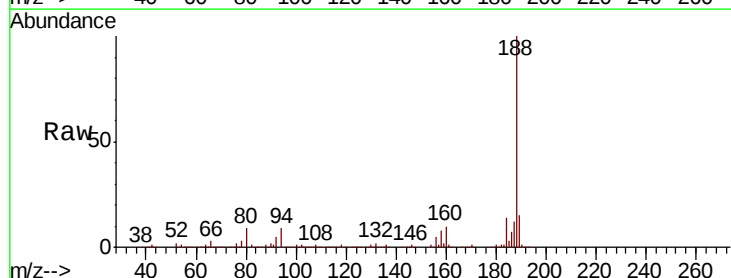
Instrument :
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 A0C12-SS2-3.5-4.0

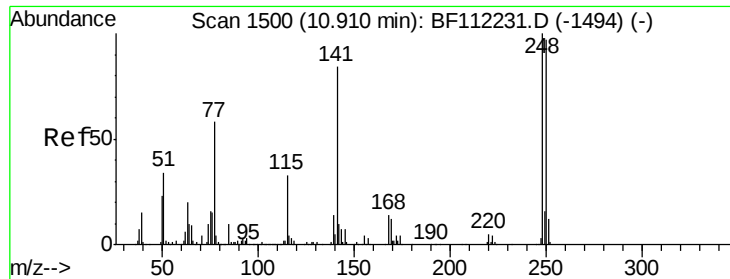
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112461.D
 Acq: 8 Feb 2019 15:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.3	8.9	13.3

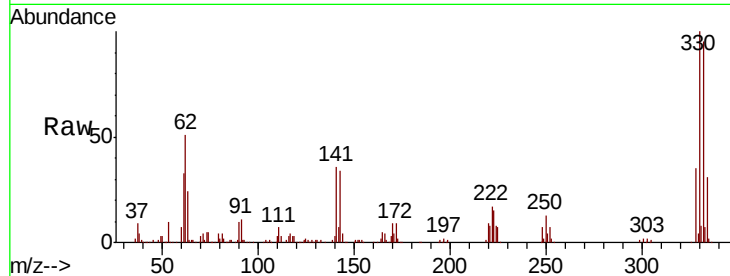




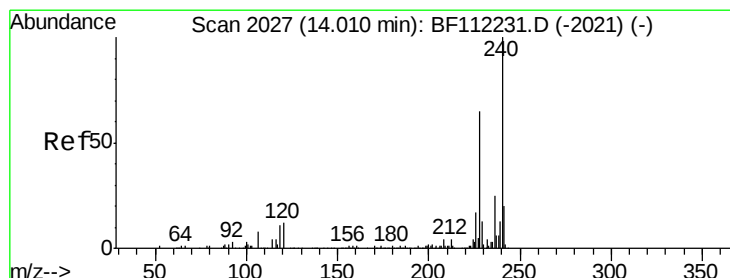
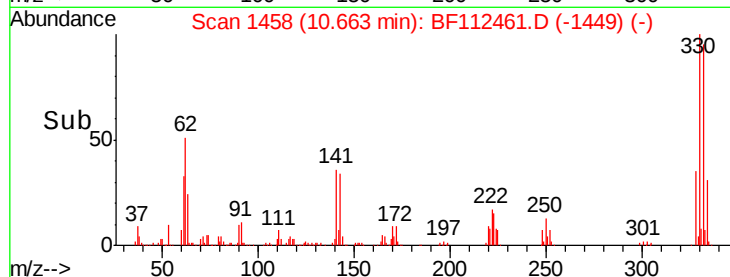
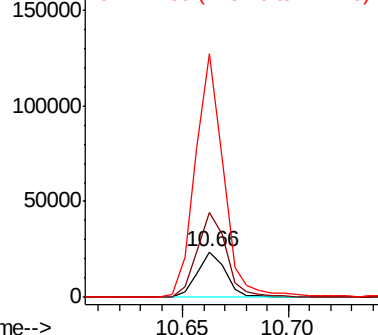
#67
4-Bromophenyl-phenylether
Concen: 3.926 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Instrument :
BNA_F
ClientSampleId :
A0C12-SS2-3.5-4.0

Tot Ion:248 Resp: 21999
Ion Ratio Lower Upper
248 100
250 187.3 79.7 119.5#
141 534.1 60.3 90.5#

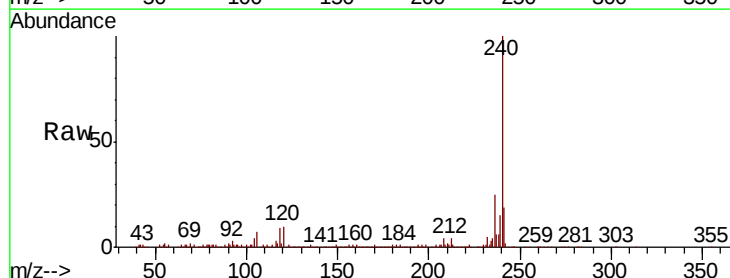


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

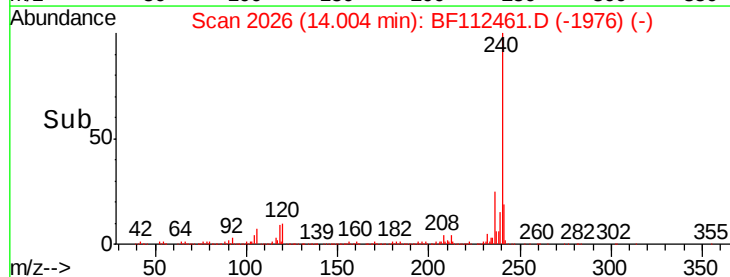
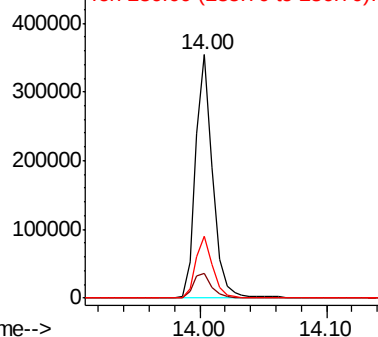


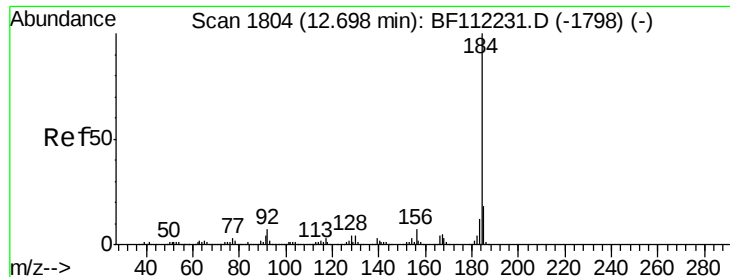
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion:240 Resp: 332716
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 25.3 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





#77

Benzidine

Concen: 2.171 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.24 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Instrument :

BNA_F

ClientSampleId :

A0C12-SS2-3.5-4.0

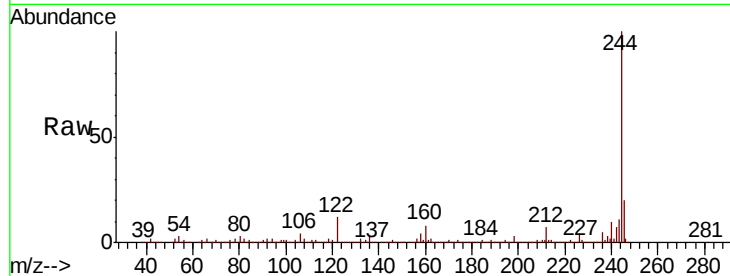
Tot Ion:184 Resp: 19880

Ion Ratio Lower Upper

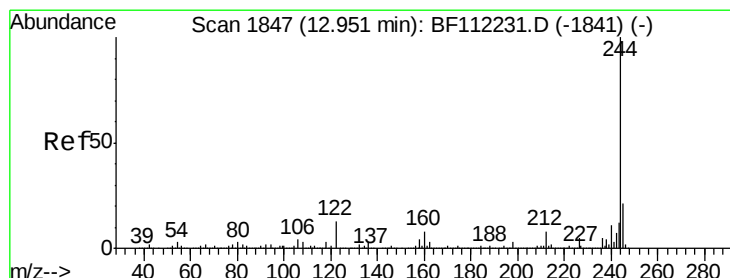
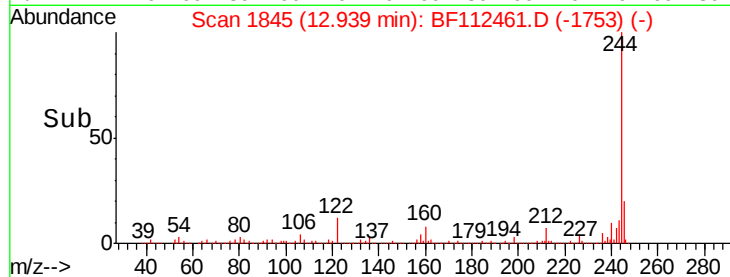
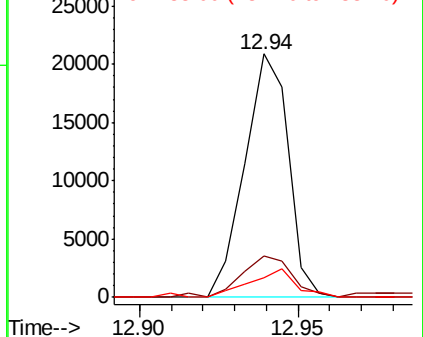
184 100

185 17.0 13.9 20.9

183 8.2 10.0 15.0#



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: 79.959 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

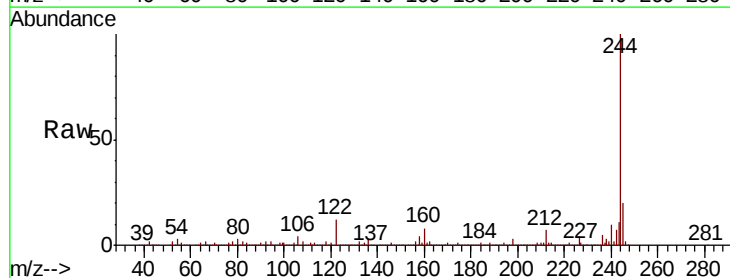
Tgt Ion:244 Resp: 1412493

Ion Ratio Lower Upper

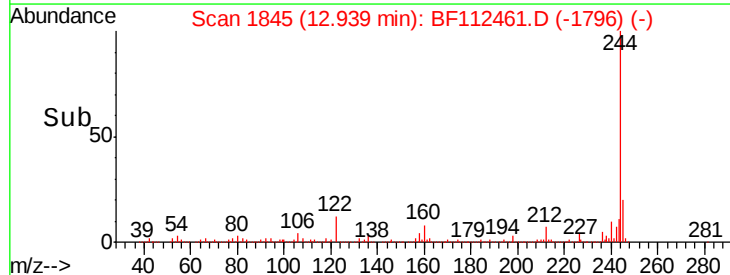
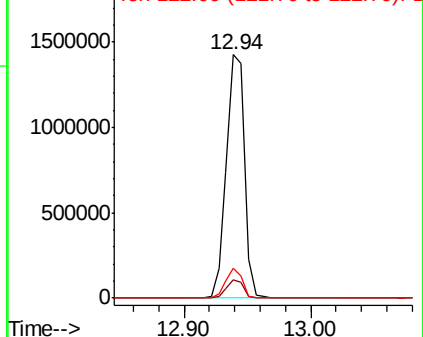
244 100

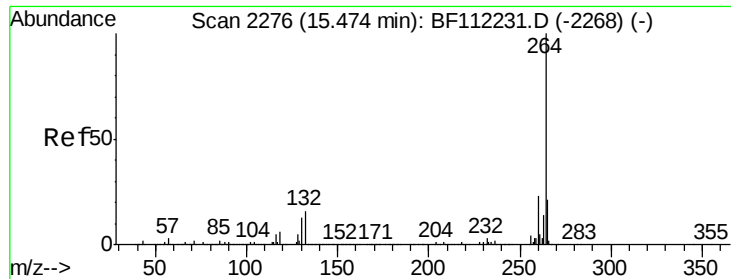
212 7.3 5.9 8.9

122 12.5 9.8 14.6



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112461.D
 Acq: 8 Feb 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 A0C12-SS2-3.5-4.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.0	17.0	25.4

