

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111052.D
 Acq On : 28 Nov 2018 18:20
 Operator : JU/SJ
 Sample : J6060-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180947-COMPOSITE-6

Quant Time: Nov 29 01:28:31 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

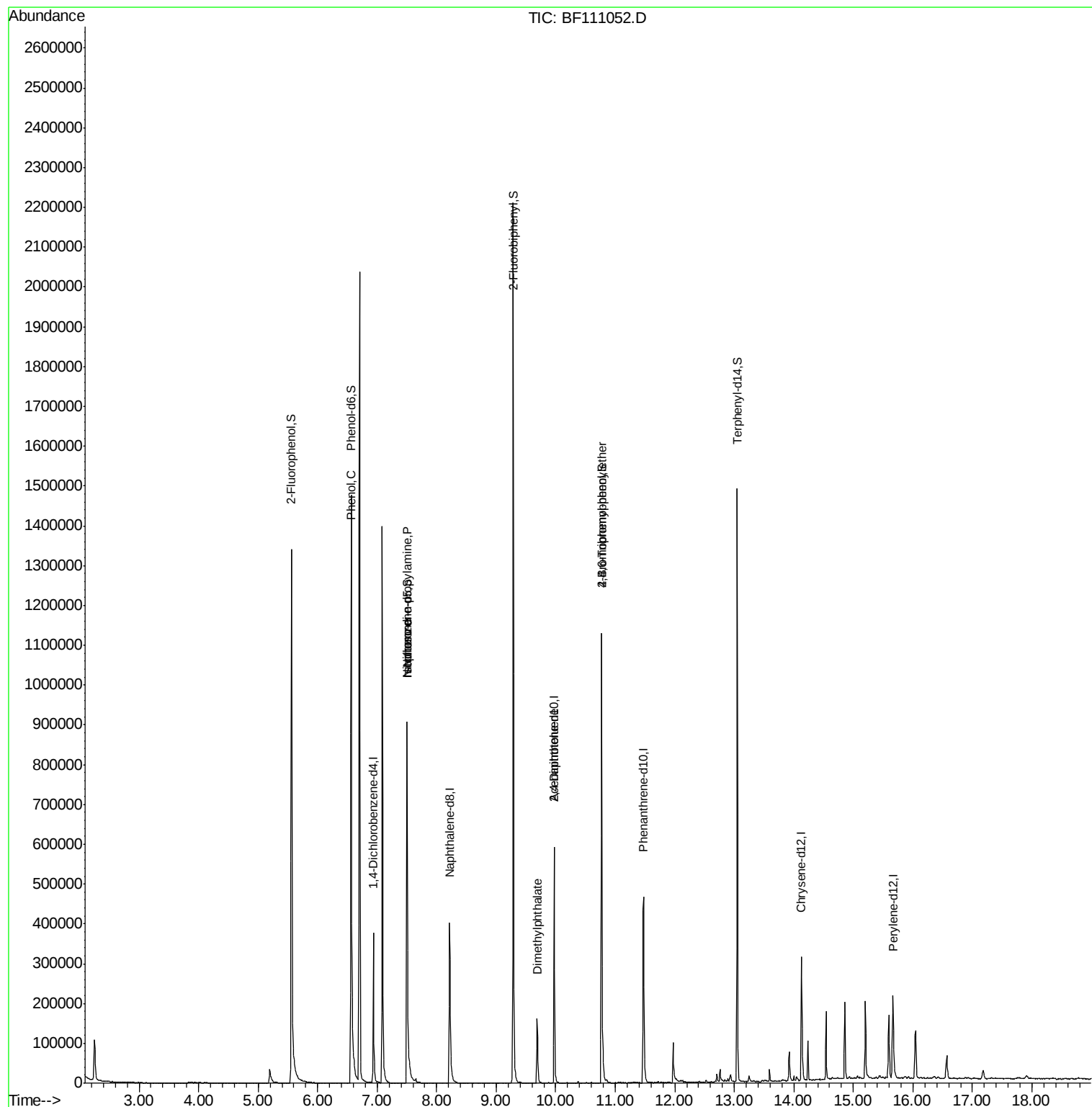
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	64355	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	267605	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	126941	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	222118	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128577	20.00	ng	0.00
87) Perylene-d12	15.66	264	129809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	480161	123.73	ng	0.00
7) Phenol-d6	6.56	99	604244	119.48	ng	0.00
23) Nitrobenzene-d5	7.50	82	389700	83.34	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	147975	117.38	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	673343	76.85	ng	0.00
79) Terphenyl-d14	13.05	244	484682	73.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1158	Below Cal		Qvalue
10) Phenol	6.57	94	33711	5.919 ng	#	1
19) n-Nitroso-di-n-propylamine	7.50	70	50405	15.301 ng	#	78
25) Isophorone	7.50	82	389700	50.807 ng	#	67
50) Dimethylphthalate	9.69	163	84984	9.128 ng		99
57) 2,4-Dinitrotoluene	9.97	165	15622	5.810 ng	#	18
67) 4-Bromophenyl-phenylether	10.77	248	8999	3.720 ng	#	1

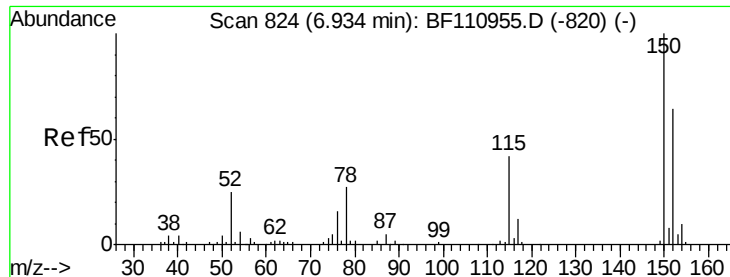
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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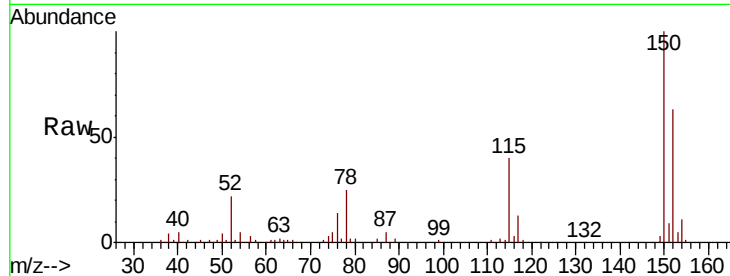


#1

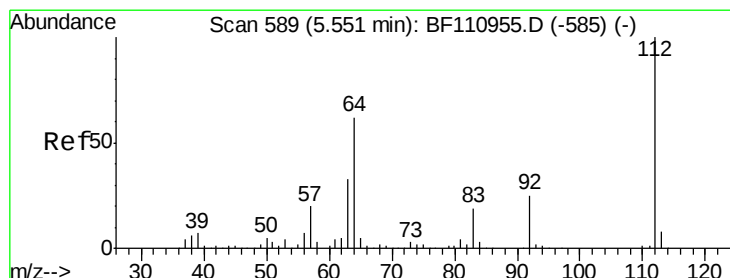
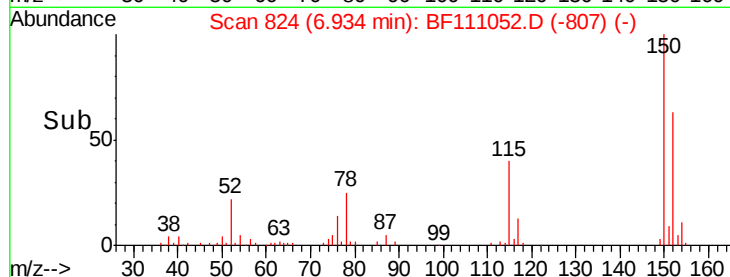
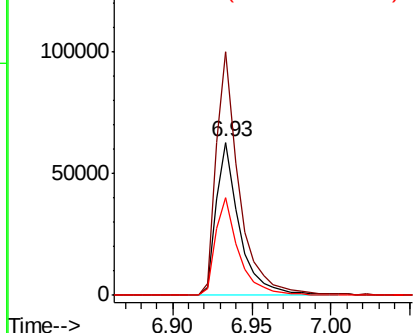
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
20180947-COMPOSITE-6

Tgt Ion:152 Resp: 64355
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 64.3 49.1 73.7



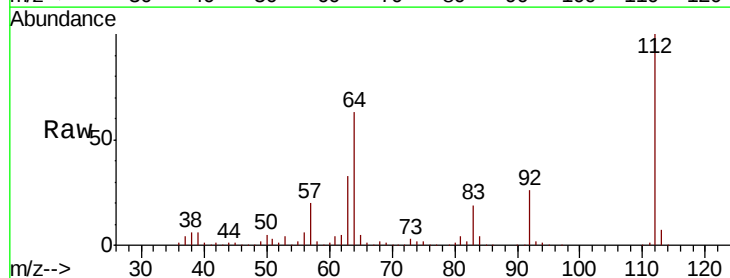
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



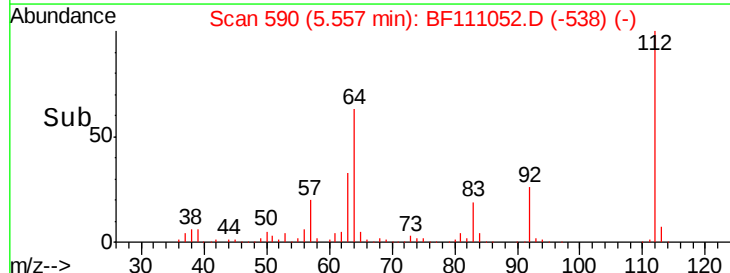
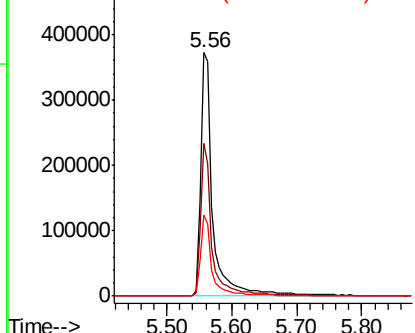
#5

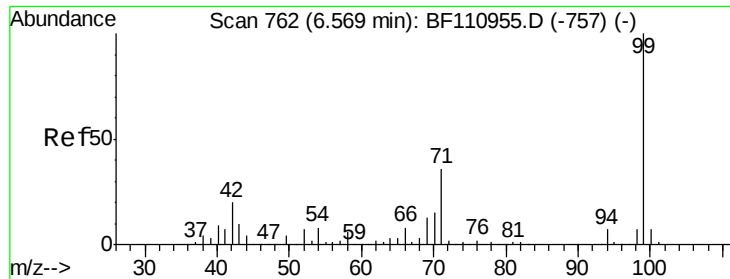
2-Fluorophenol
Concen: 123.729 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Tgt Ion:112 Resp: 480161
Ion Ratio Lower Upper
112 100
64 62.7 44.1 66.1
63 33.2 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: 119.481 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111052.D

Acq: 28 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

20180947-COMPOSITE-6

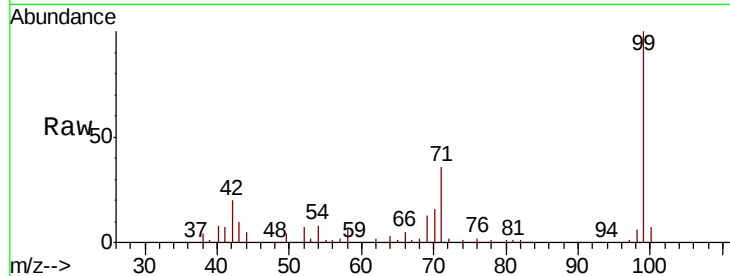
Tgt Ion: 99 Resp: 604244

Ion Ratio Lower Upper

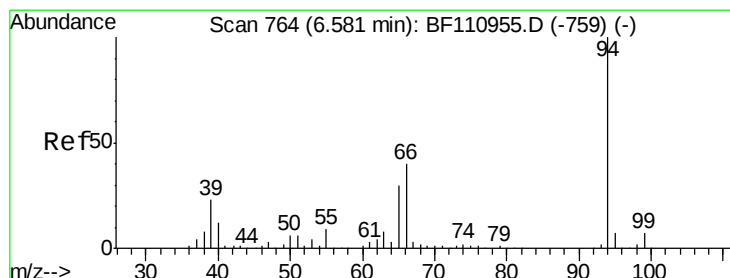
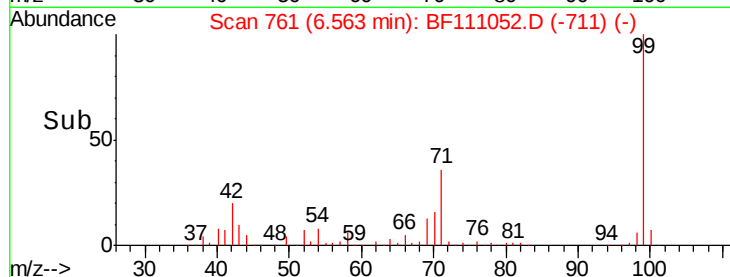
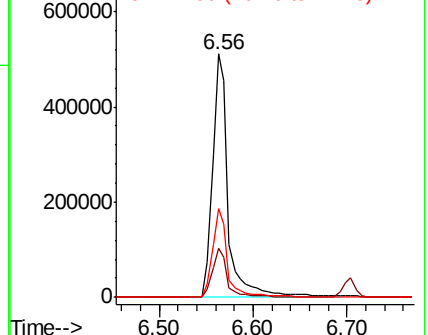
99 100

42 20.1 15.8 23.6

71 36.5 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: 5.919 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111052.D

Acq: 28 Nov 2018 18:20

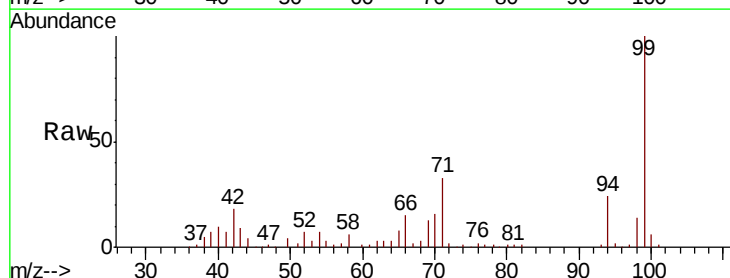
Tgt Ion: 94 Resp: 33711

Ion Ratio Lower Upper

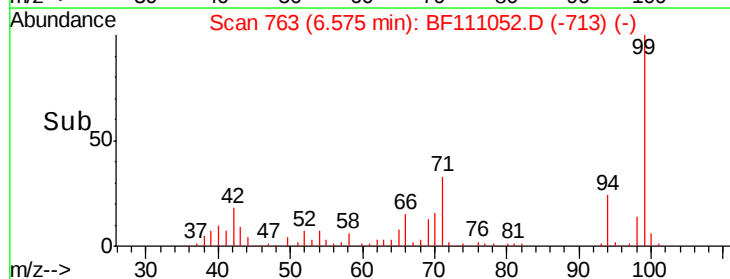
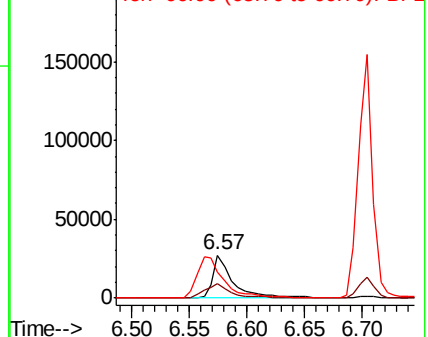
94 100

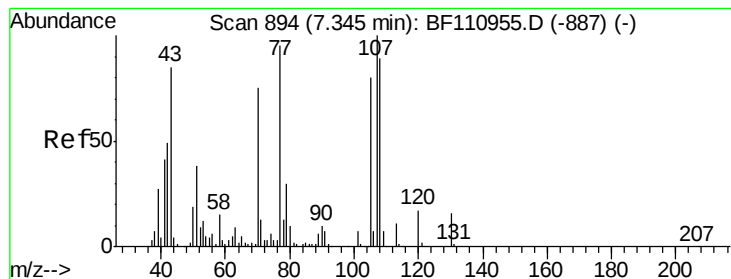
65 34.6 25.3 65.3

66 60.1 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: 15.301 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF111052.D

Acq: 28 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

20180947-COMPOSITE-6

Tgt Ion: 70 Resp: 50405

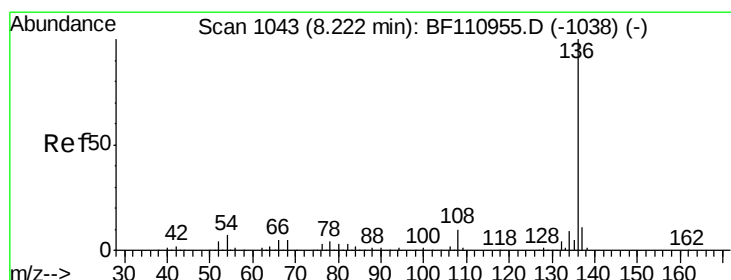
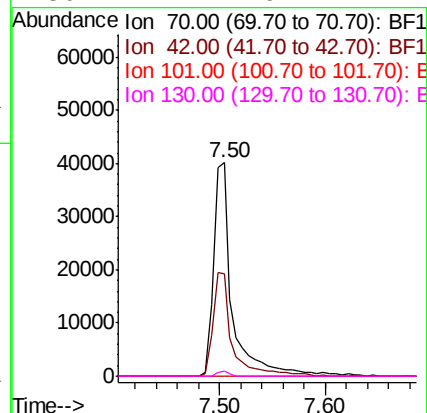
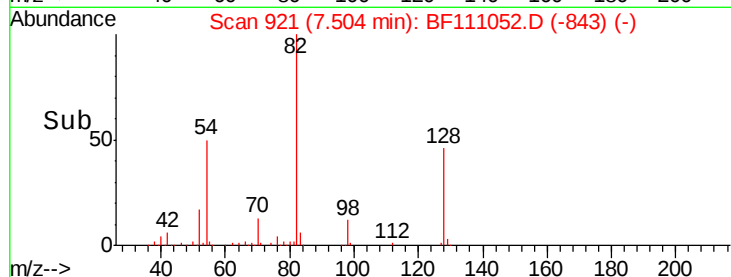
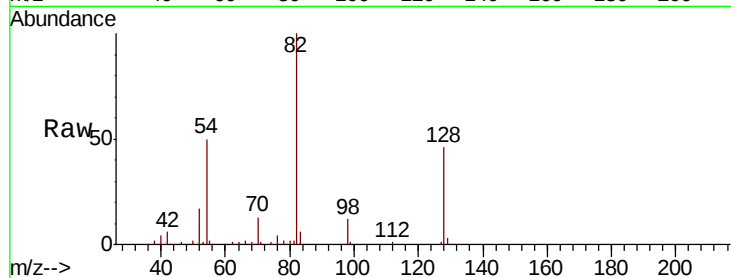
Ion Ratio Lower Upper

70 100

42 47.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.7 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111052.D

Acq: 28 Nov 2018 18:20

Tgt Ion: 136 Resp: 267605

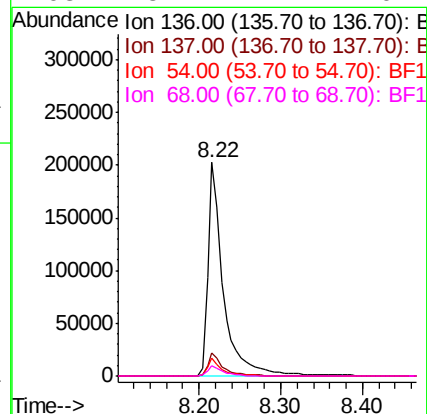
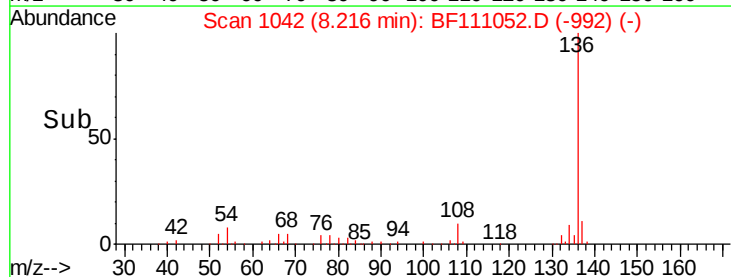
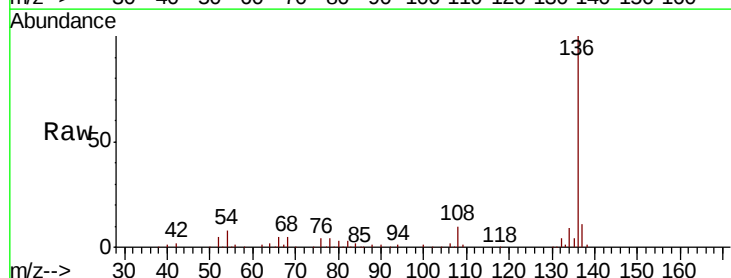
Ion Ratio Lower Upper

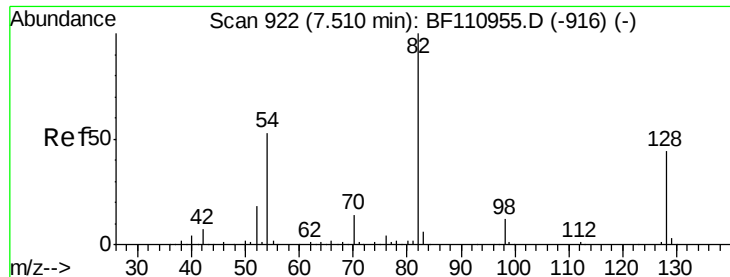
136 100

137 10.6 8.8 13.2

54 8.3 5.4 8.2#

68 5.1 4.2 6.2

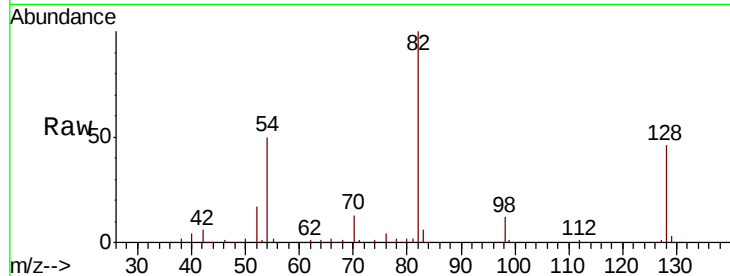




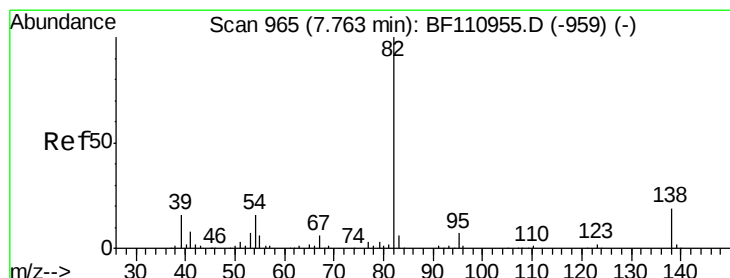
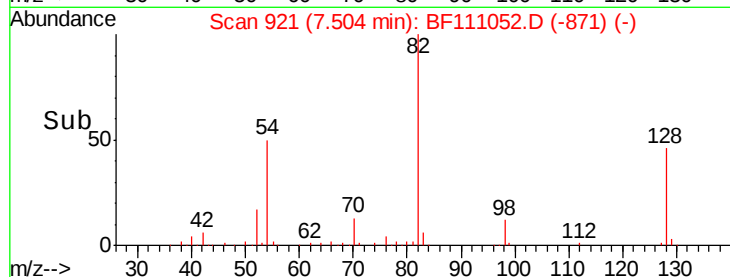
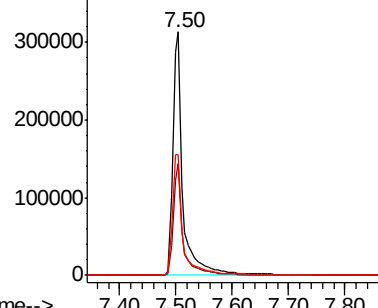
#23
Nitrobenzene-d5
Concen: 83.342 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
20180947-COMPOSITE-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	49.8	38.6	58.0

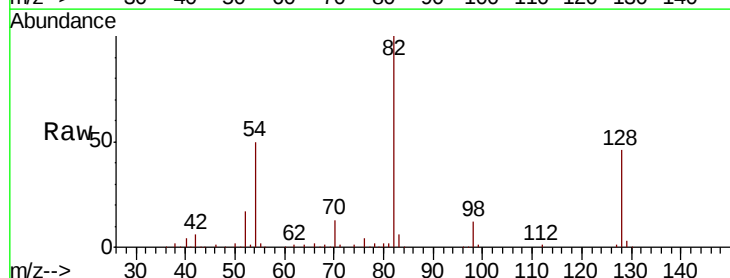


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

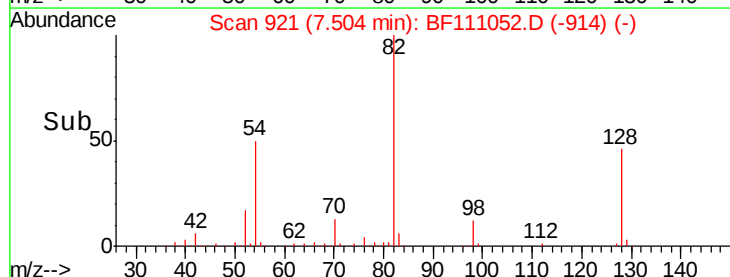
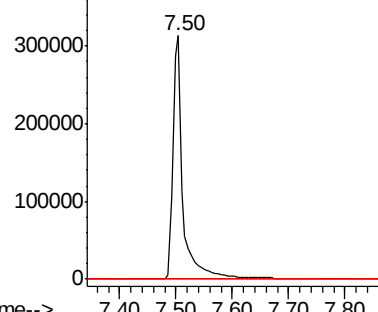


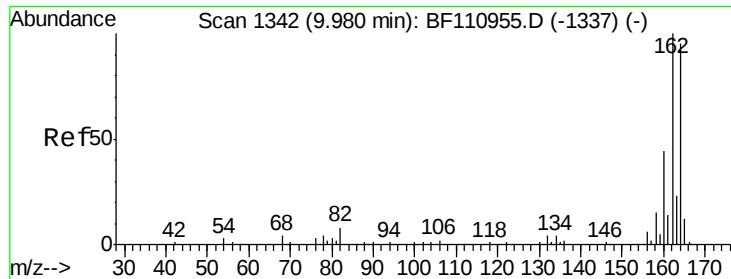
#25
Isophorone
Concen: 50.807 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Tgt 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

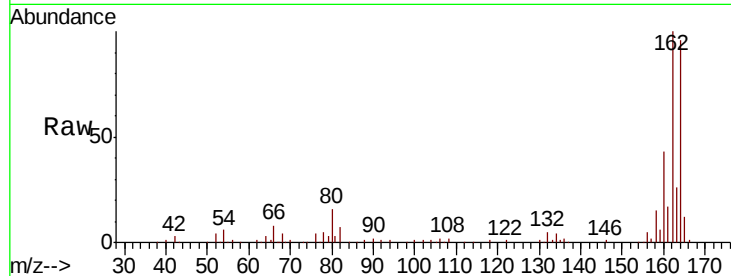




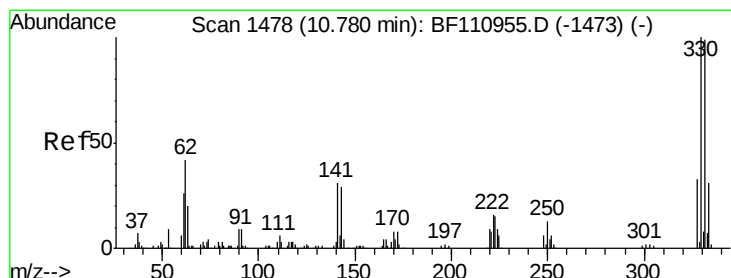
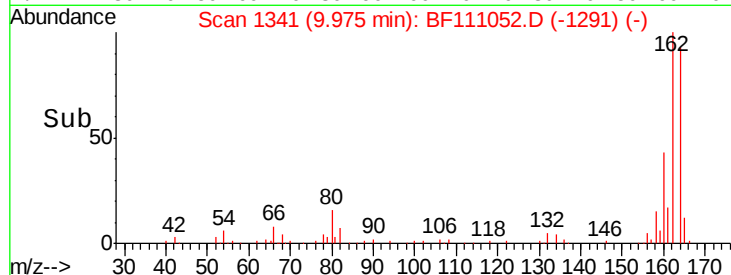
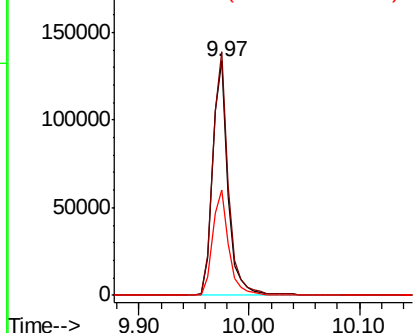
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Instrument :
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ClientSampleId :
20180947-COMPOSITE-6

Tgt Ion:164 Resp: 126941
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.6
160 45.2 37.0 55.6

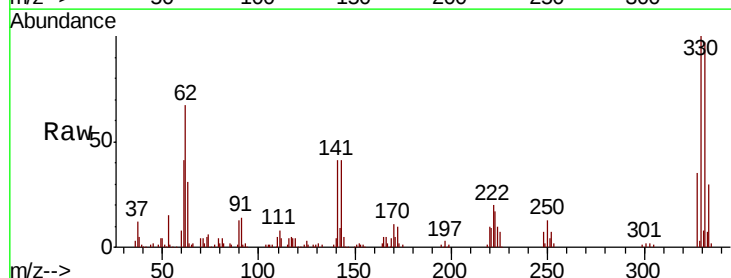


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

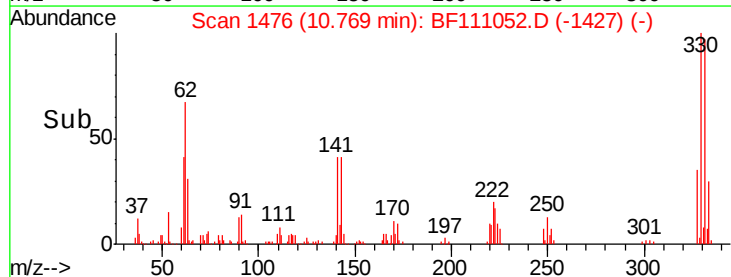
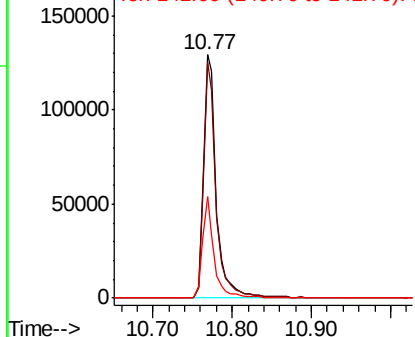


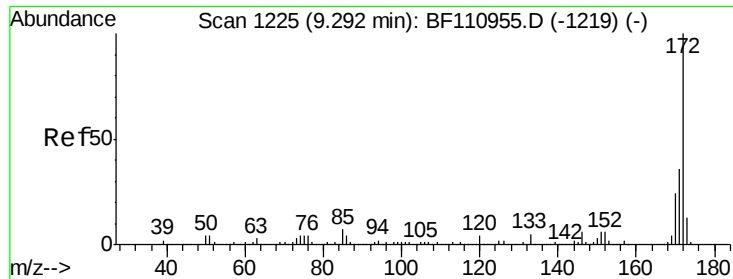
#42
2,4,6-Tribromophenol
Concen: 117.376 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Tgt Ion:330 Resp: 147975
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 37.6 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

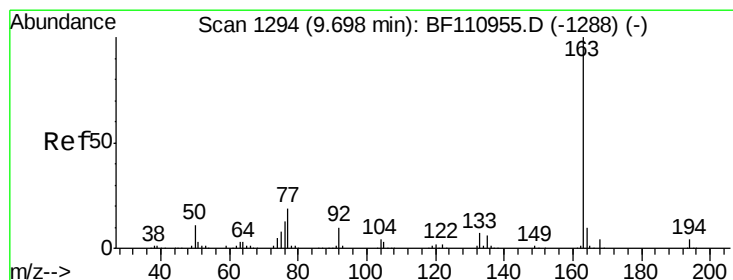
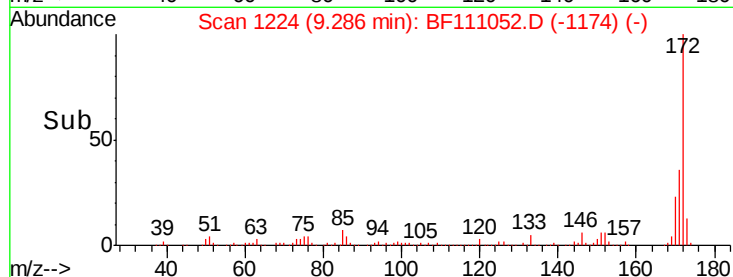
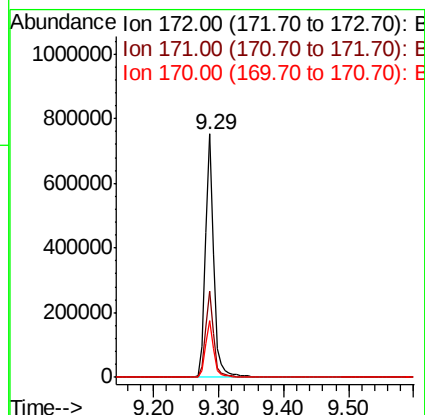
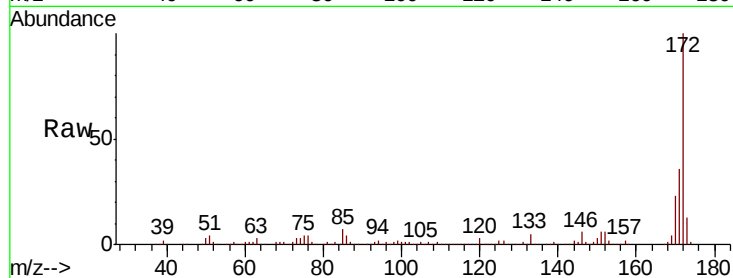




#45
 2-Fluorobiphenyl
 Concen: 76.848 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111052.D
 Acq: 28 Nov 2018 18:20

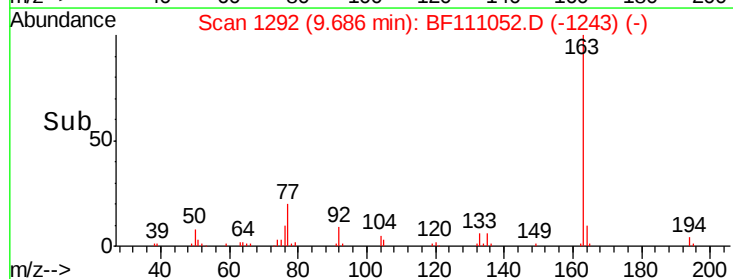
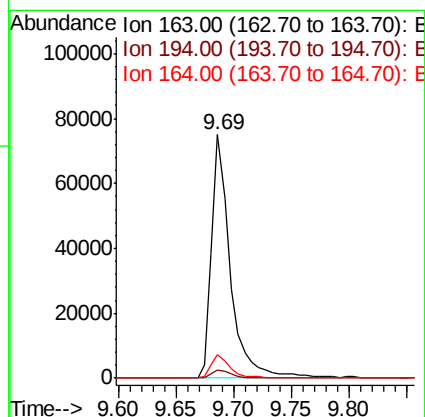
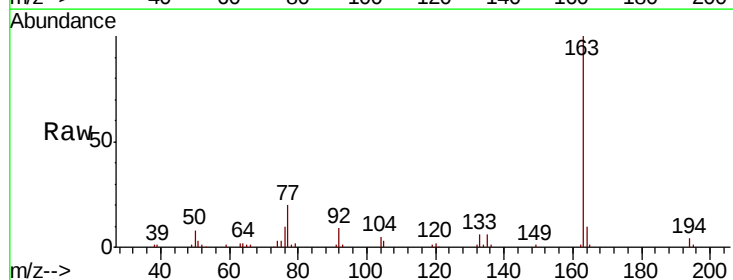
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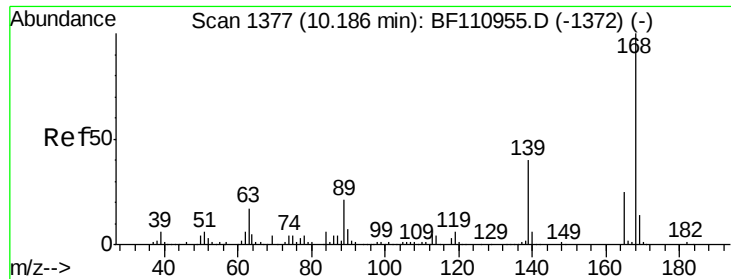
Tgt Ion:172 Resp: 673343
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.5 19.7 29.5



#50
 Dimethylphthalate
 Concen: 9.128 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF111052.D
 Acq: 28 Nov 2018 18:20

Tgt Ion:163 Resp: 84984
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.2 4.8
 164 9.6 8.1 12.1

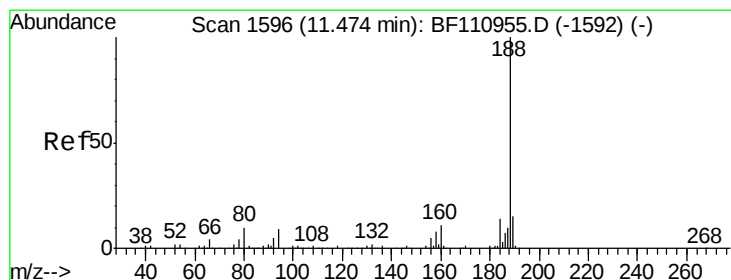
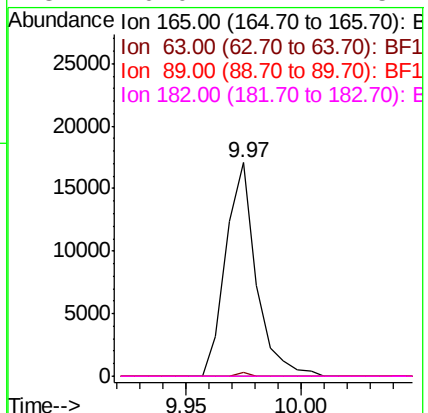
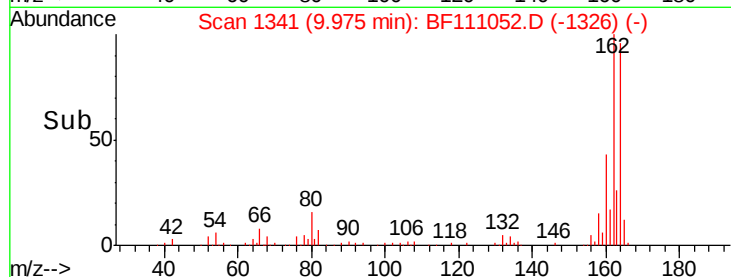
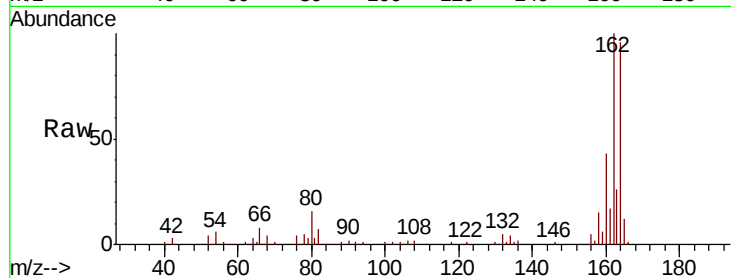




#57
2,4-Dinitrotoluene
Concen: 5.810 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

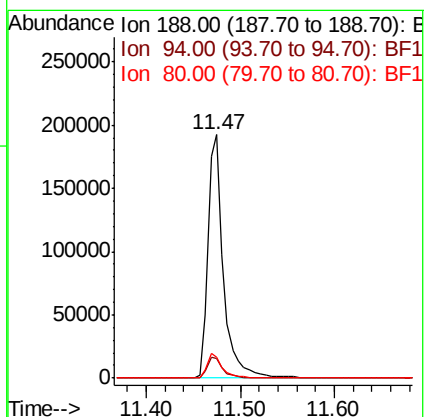
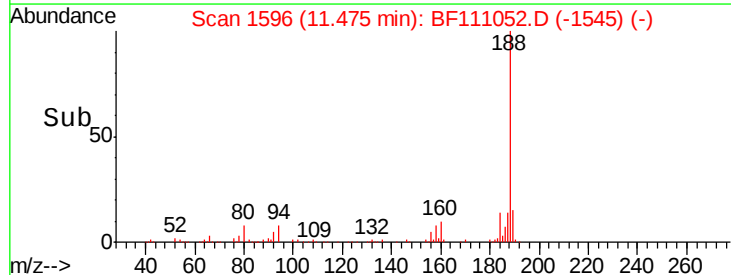
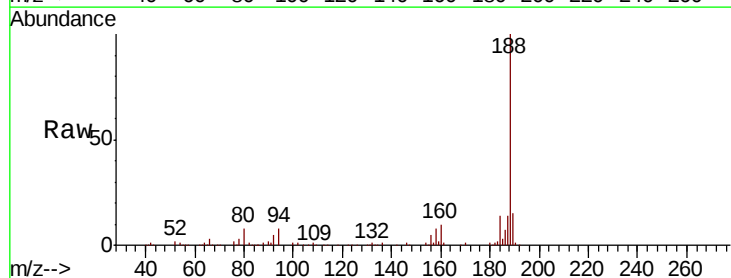
Instrument :
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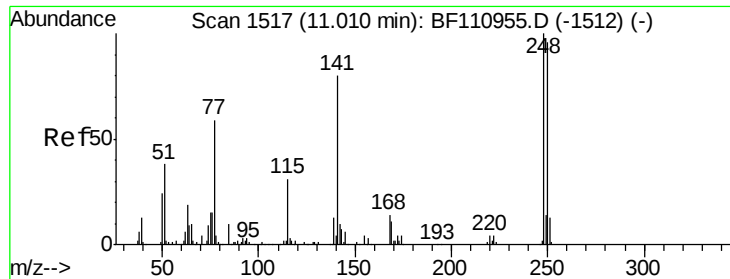
Tgt Ion:165 Resp: 15622
Ion Ratio Lower Upper
165 100
63 1.8 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Tgt Ion:188 Resp: 222118
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.5 7.9 11.9

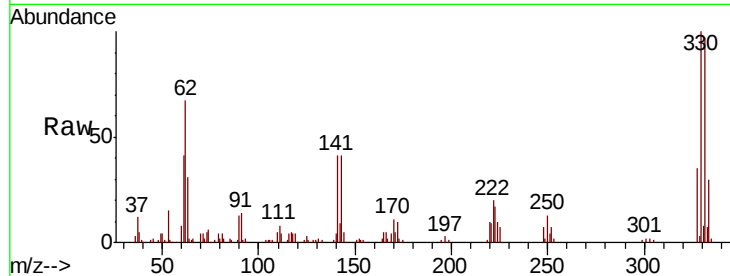




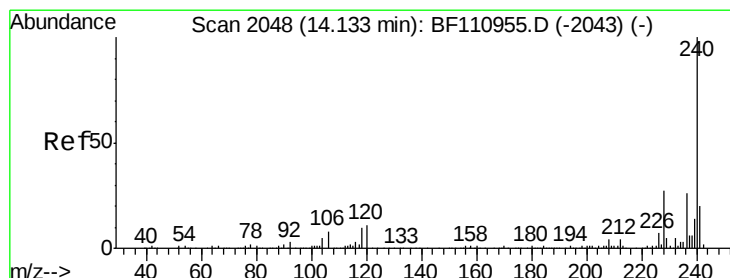
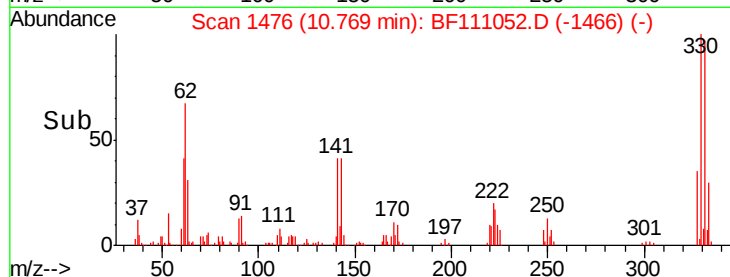
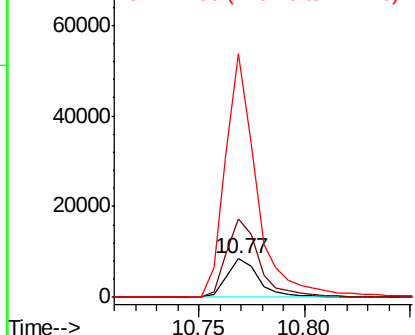
#67
4-Bromophenyl-phenylether
Concen: 3.720 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
20180947-COMPOSITE-6

Tgt Ion:248 Resp: 8999
Ion Ratio Lower Upper
248 100
250 203.3 79.4 119.2#
141 633.7 55.9 83.9#

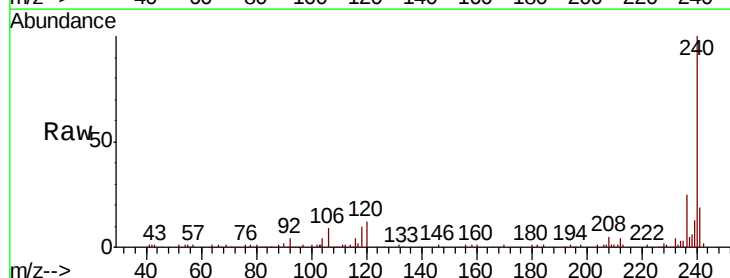


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

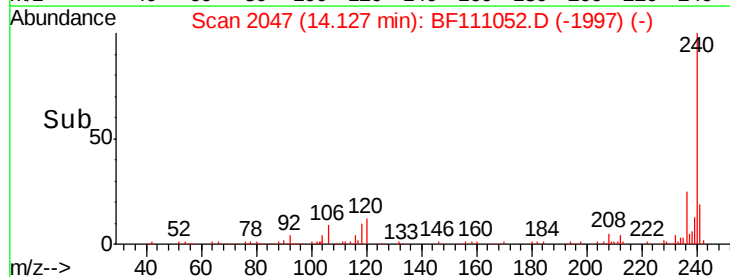
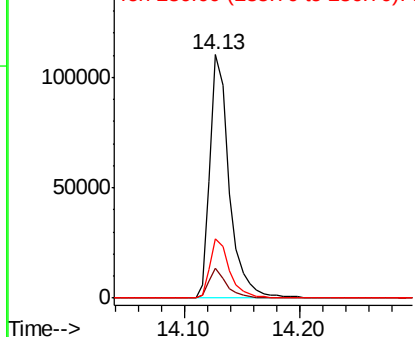


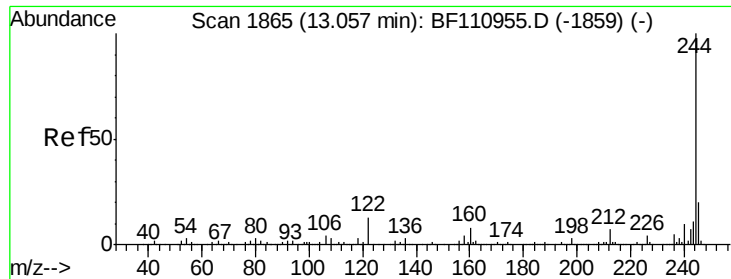
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111052.D
Acq: 28 Nov 2018 18:20

Tgt Ion:240 Resp: 128577
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 24.6 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





#79

Terphenyl-d14

Concen: 73.380 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111052.D

Acq: 28 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

20180947-COMPOSITE-6

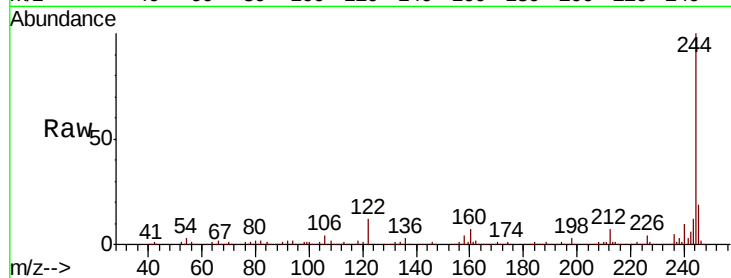
Tgt Ion:244 Resp: 484682

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

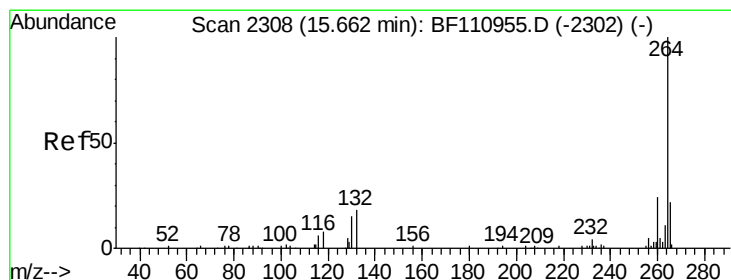
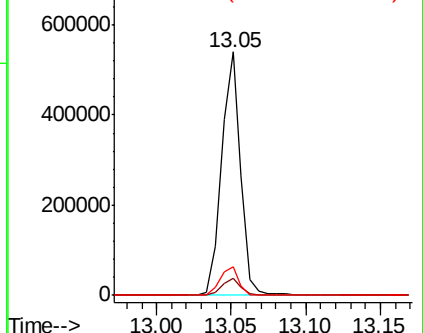
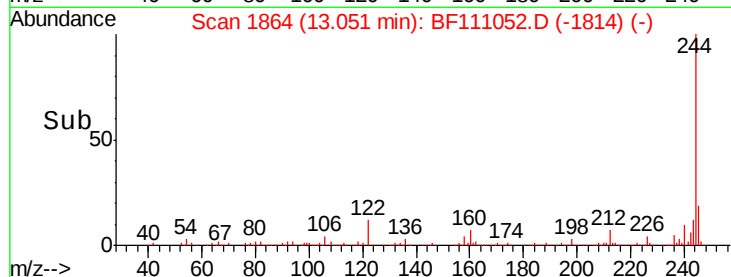
122 11.5 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111052.D

Acq: 28 Nov 2018 18:20

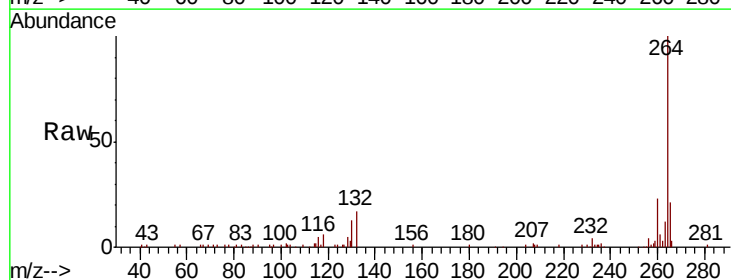
Tgt Ion:264 Resp: 129809

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

