

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110978.D
 Acq On : 26 Nov 2018 21:56
 Operator : JU/SJ
 Sample : J5774-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-112118

Quant Time: Nov 27 02:59:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

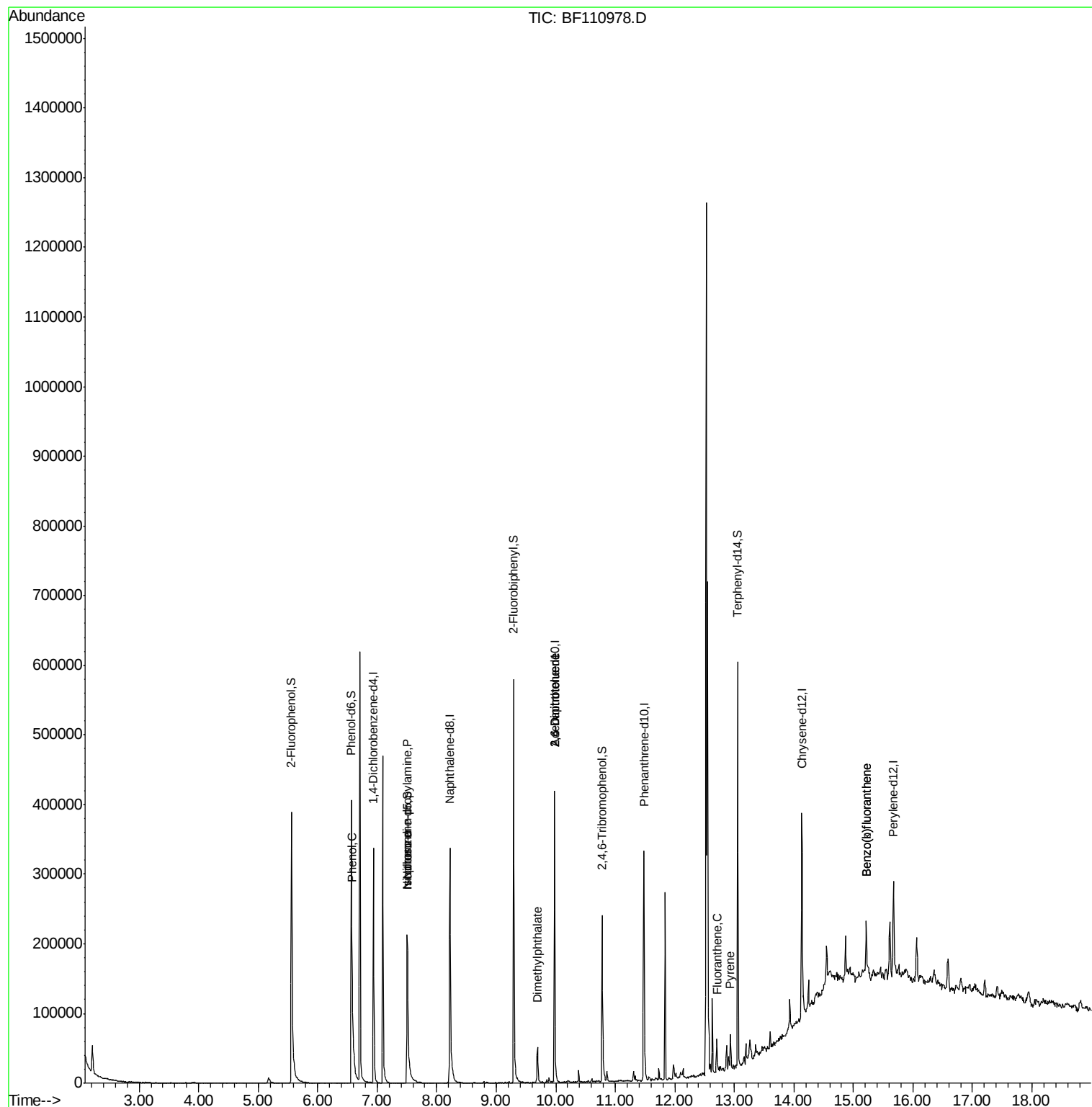
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58713	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	218777	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	84822	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	150637	20.00	ng	0.00
76) Chrysene-d12	14.13	240	97402	20.00	ng	0.00
87) Perylene-d12	15.67	264	74931	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	167290	47.25	ng	0.00
7) Phenol-d6	6.56	99	208502	45.19	ng	0.00
23) Nitrobenzene-d5	7.50	82	117178	30.65	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	34831	41.35	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	204506	34.93	ng	0.00
79) Terphenyl-d14	13.06	244	175346	35.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	264	Below Cal		Qvalue # 1
10) Phenol	6.58	94	11244	2.164	ng	84
19) n-Nitroso-di-n-propylamine	7.50	70	14785	4.919	ng	# 77
25) Isophorone	7.50	82	117178	18.687	ng	# 67
50) Dimethylphthalate	9.69	163	27602	4.437	ng	100
51) 2,6-Dinitrotoluene	9.98	165	10814	7.809	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	10814	6.019	ng	# 17
75) Fluoranthene	12.70	202	19368	2.362	ng	98
78) Pyrene	12.93	202	20677	2.907	ng	96
88) Benzo(b)fluoranthene	15.22	252	12656	2.875	ng	# 76
89) Benzo(k)fluoranthene	15.22	252	12656	2.793	ng	# 75

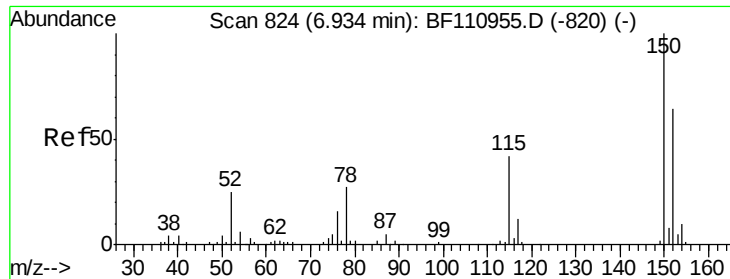
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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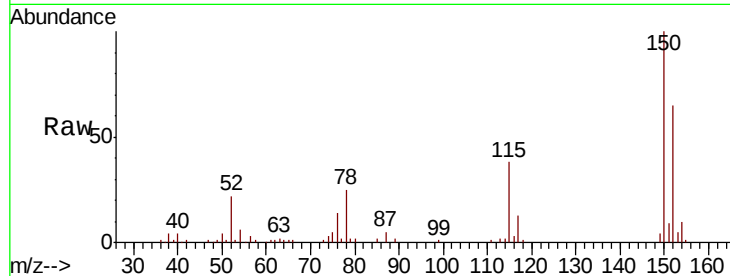


#1

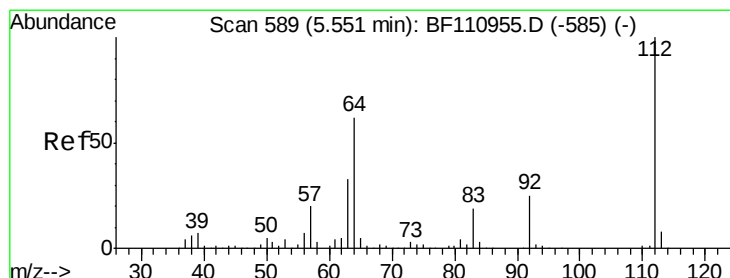
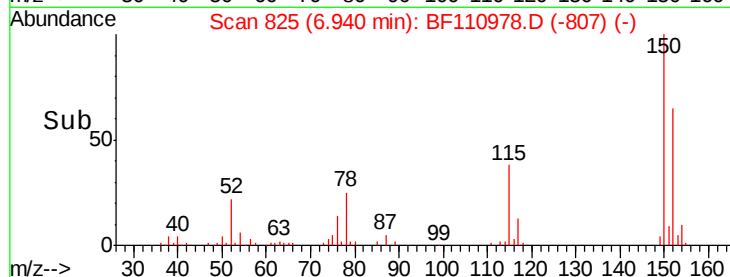
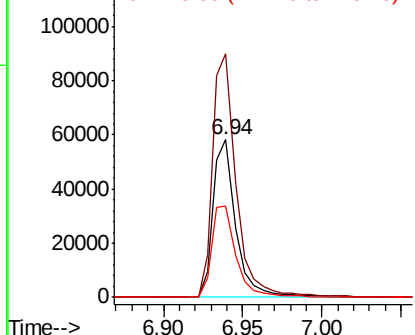
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Instrument :
BNA_F
ClientSampleId :
SU-02-112118

Tgt Ion:152 Resp: 58713
Ion Ratio Lower Upper
152 100
150 154.8 122.7 184.1
115 58.3 49.1 73.7



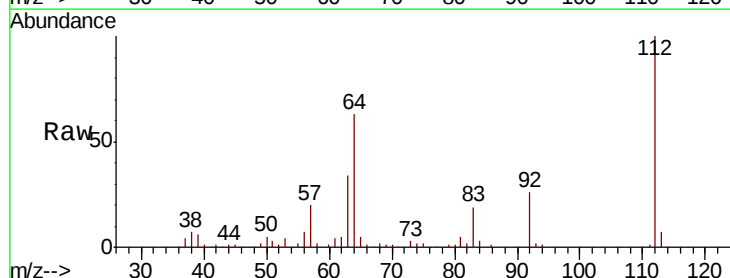
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



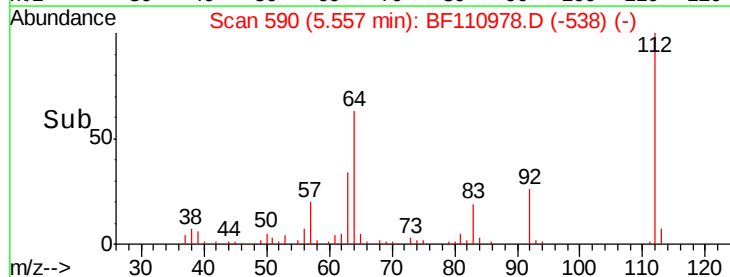
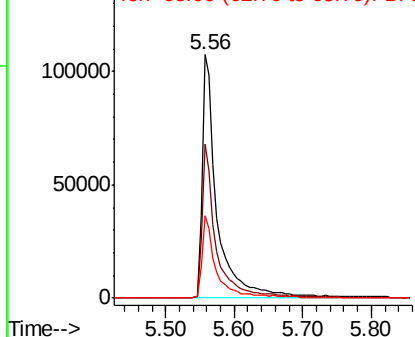
#5

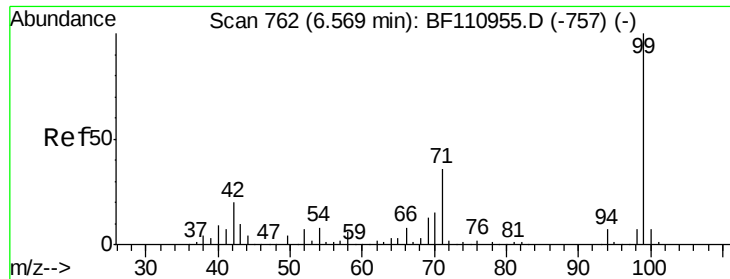
2-Fluorophenol
Concen: 47.250 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Tgt Ion:112 Resp: 167290
Ion Ratio Lower Upper
112 100
64 63.3 44.1 66.1
63 34.0 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: 45.190 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

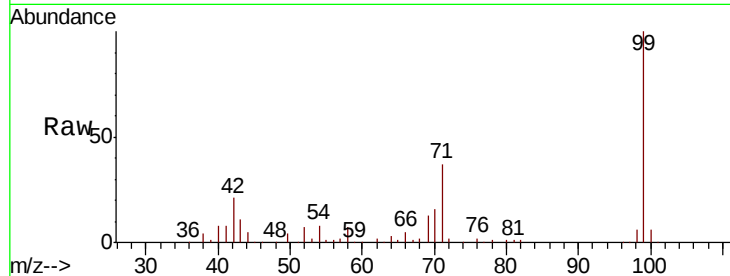
Tgt Ion: 99 Resp: 208502

Ion Ratio Lower Upper

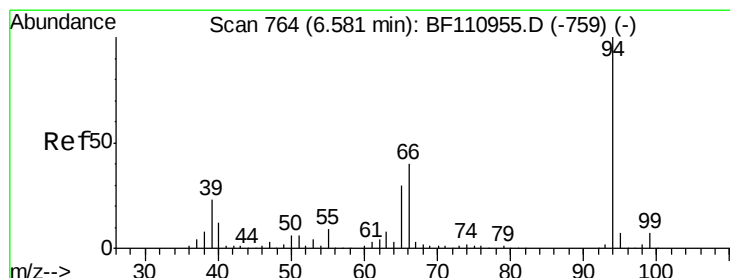
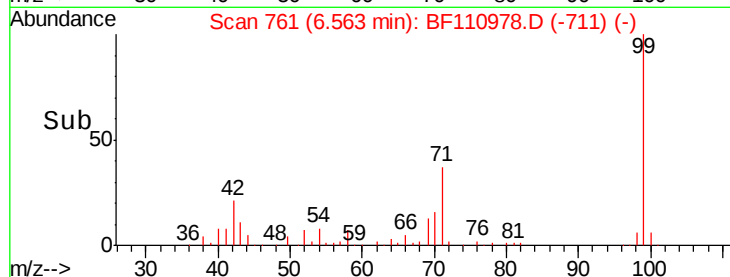
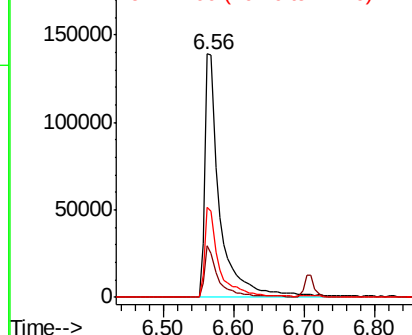
99 100

42 21.0 15.8 23.6

71 37.2 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: 2.164 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

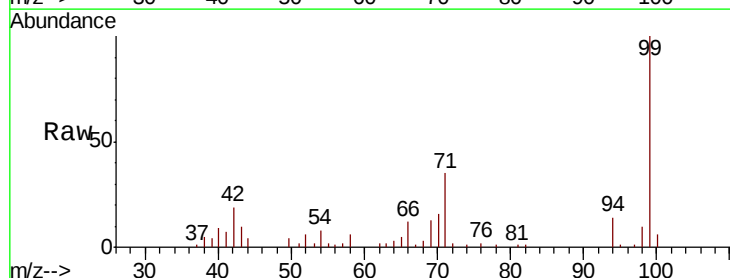
Tgt Ion: 94 Resp: 11244

Ion Ratio Lower Upper

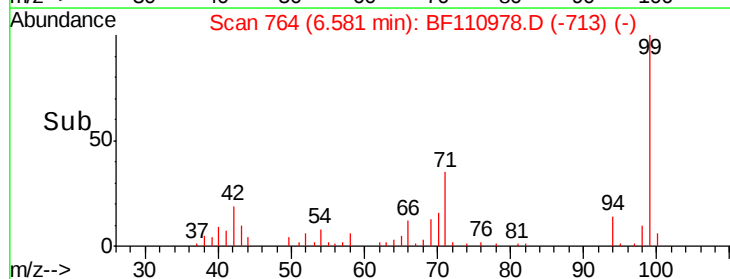
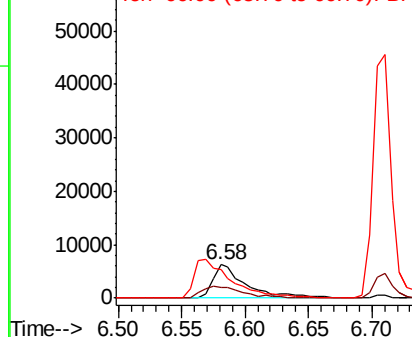
94 100

65 33.3 25.3 65.3

66 87.1 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

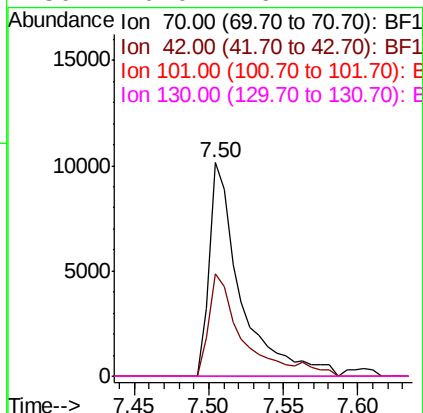
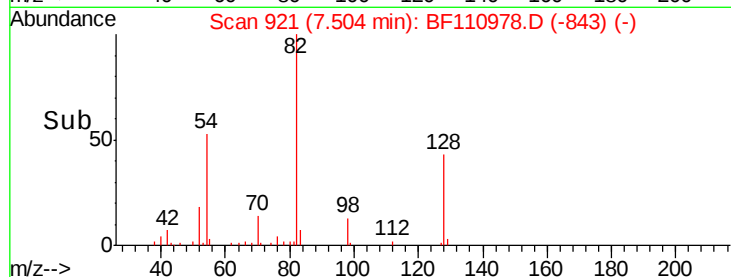
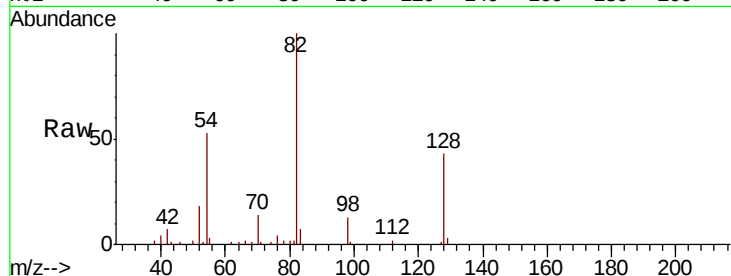




#19
n-Nitroso-di-n-propylamine
Concen: 4.919 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

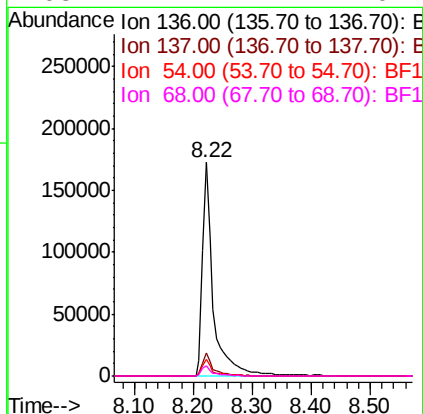
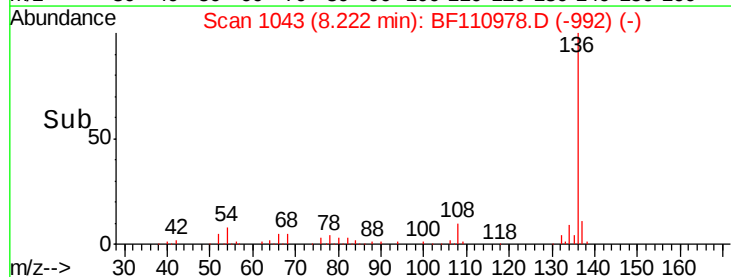
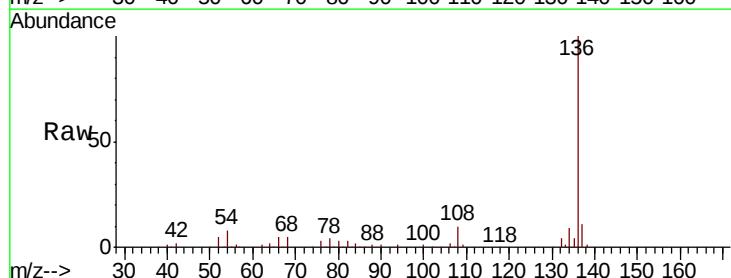
Instrument :
BNA_F
ClientSampleId :
SU-02-112118

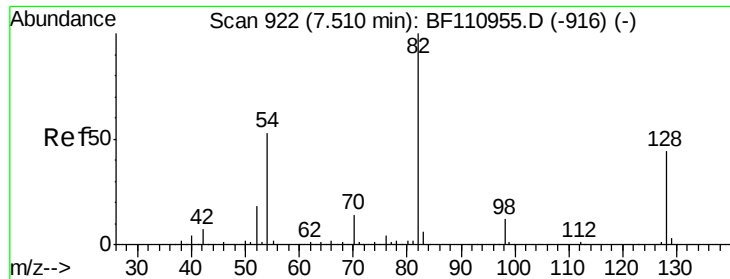
Tgt Ion: 70 Resp: 14785
Ion Ratio Lower Upper
70 100
42 47.9 47.4 71.2
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Tgt Ion: 136 Resp: 218777
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.1 5.4 8.2
68 4.7 4.2 6.2

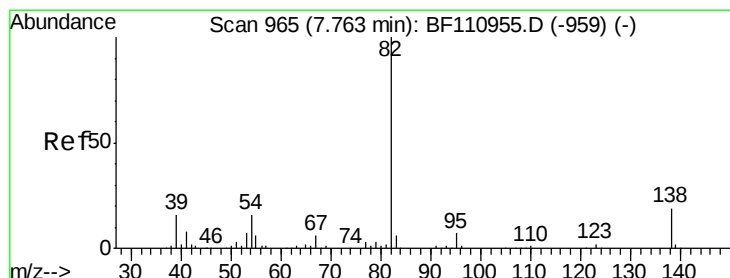
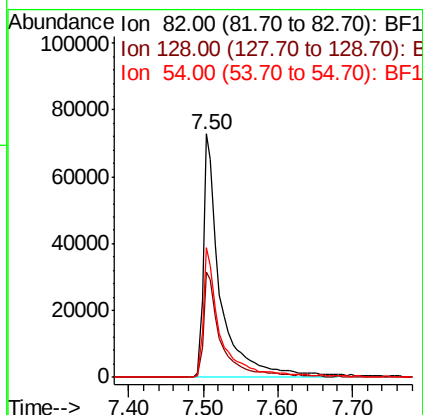
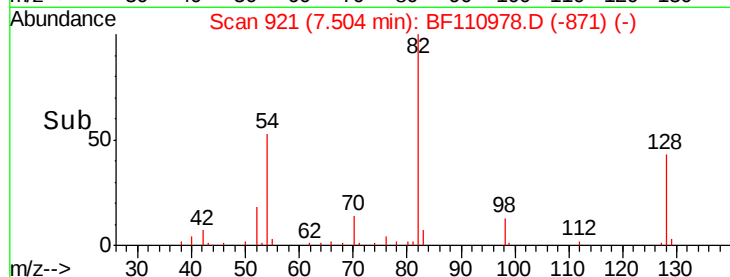
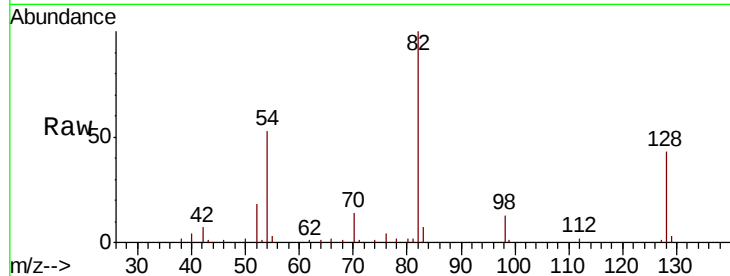




#23
 Nitrobenzene-d5
 Concen: 30.653 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

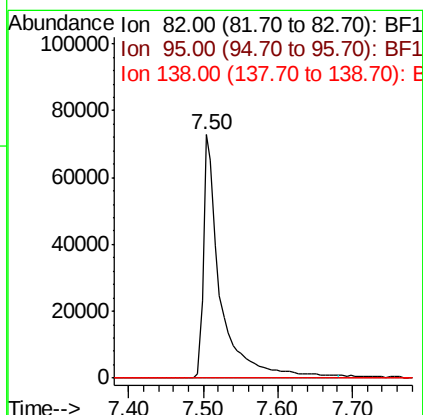
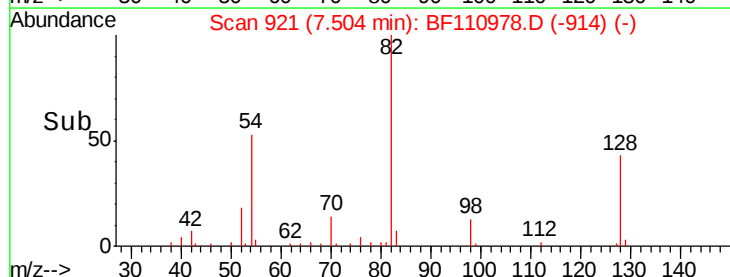
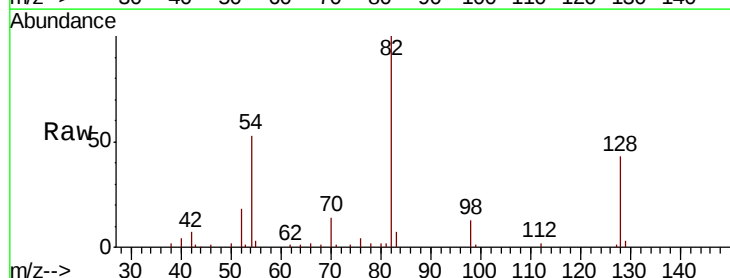
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-112118

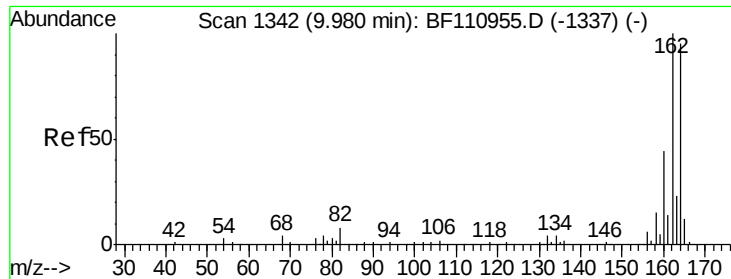
Tgt Ion: 82 Resp: 117178
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.2 51.2
 54 53.2 38.6 58.0



#25
 Isophorone
 Concen: 18.687 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

Tgt Ion: 82 Resp: 117178
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

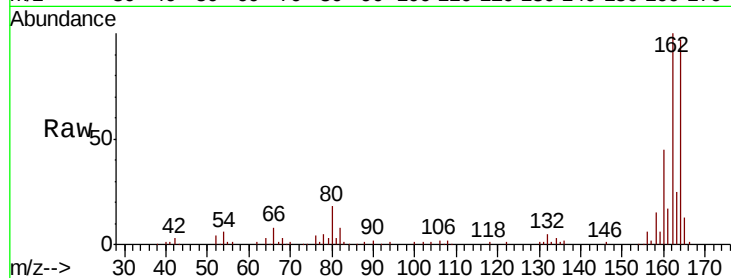
Tgt Ion:164 Resp: 84822

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

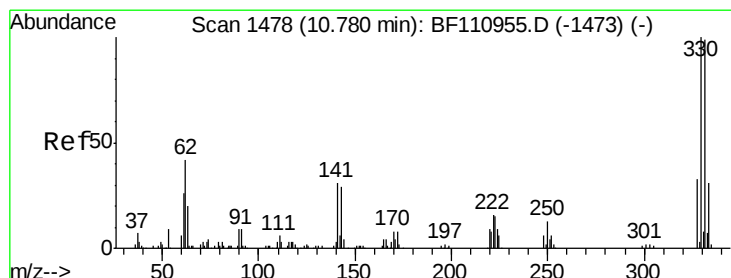
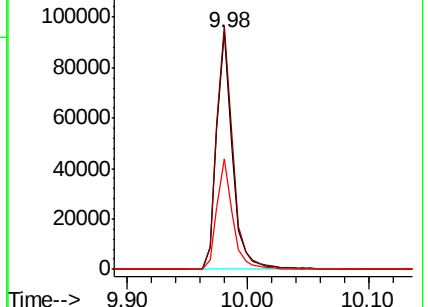
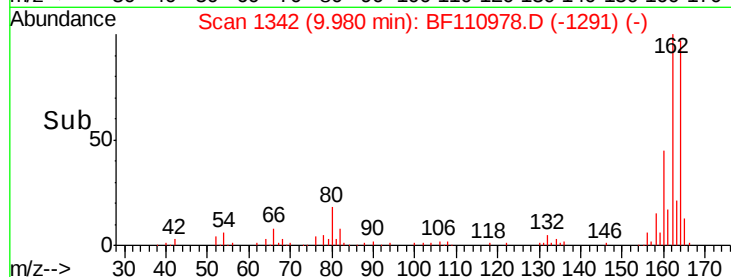
160 46.4 37.0 55.6



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: 41.347 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

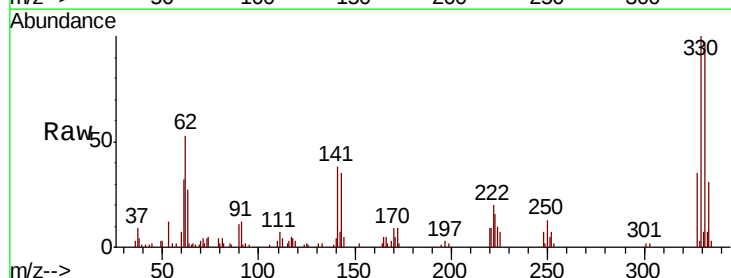
Tgt Ion:330 Resp: 34831

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

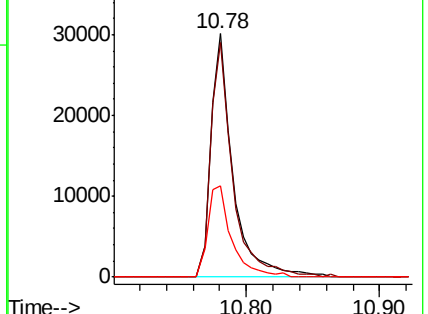
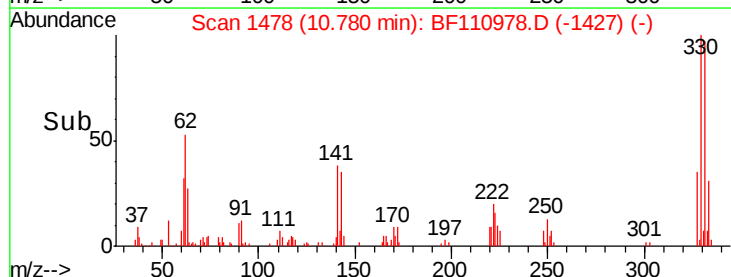
141 40.6 27.0 40.4#



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

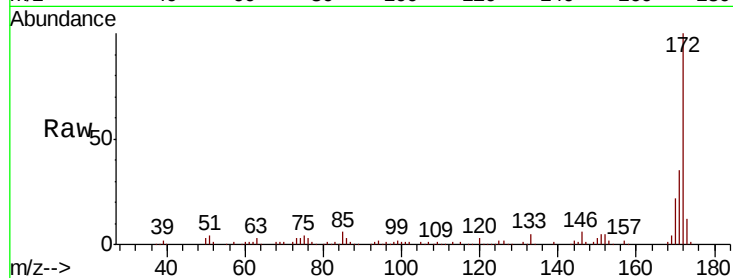




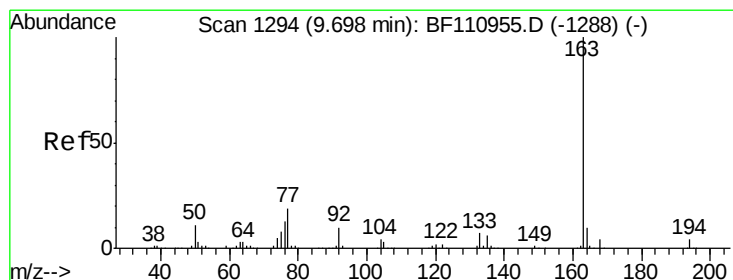
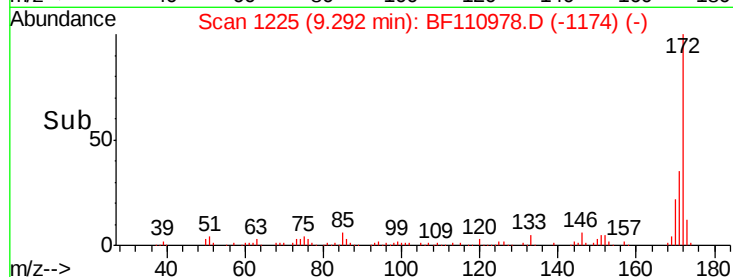
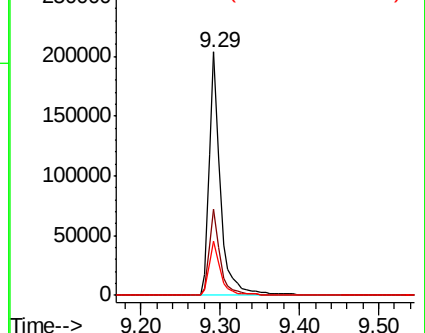
#45
 2-Fluorobiphenyl
 Concen: 34.930 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-112118

Tgt Ion:172 Resp: 204506
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 22.4 19.7 29.5

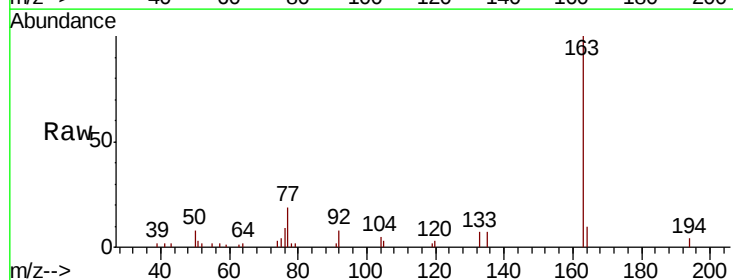


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

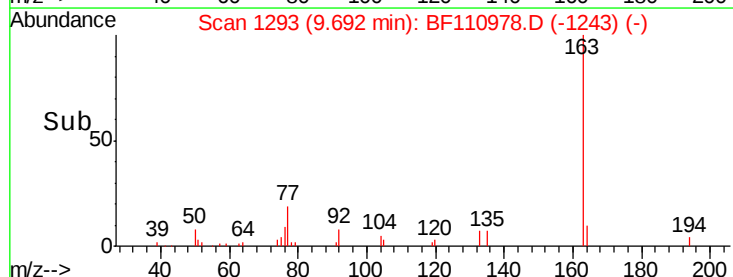
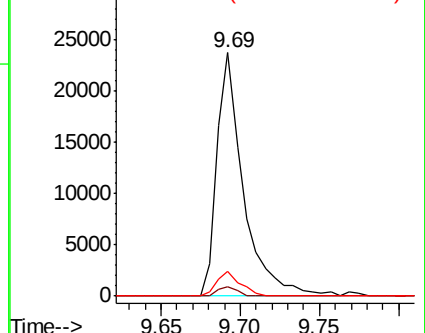


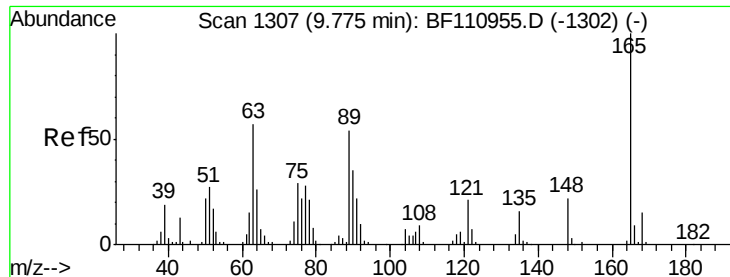
#50
 Dimethylphthalate
 Concen: 4.437 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

Tgt Ion:163 Resp: 27602
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.2 4.8
 164 10.0 8.1 12.1



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





#51

2,6-Dinitrotoluene

Concen: 7.809 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

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SU-02-112118

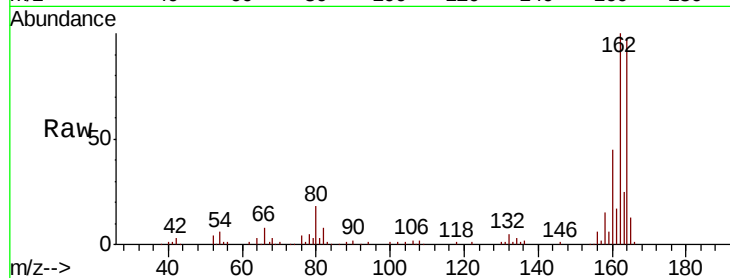
Tgt Ion:165 Resp: 10814

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

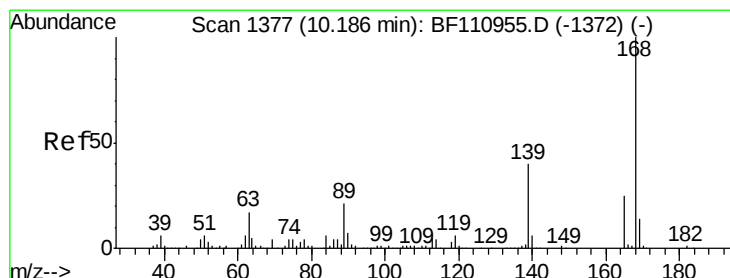
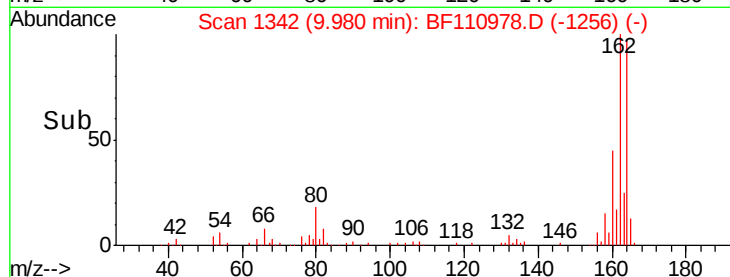
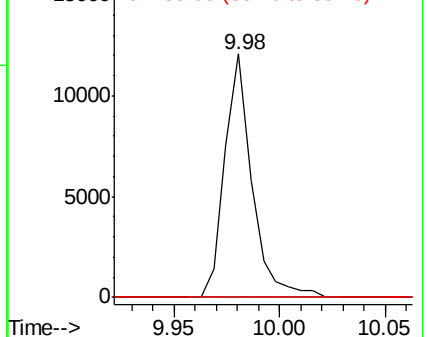
89 0.0 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 6.019 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.21 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Tgt Ion:165 Resp: 10814

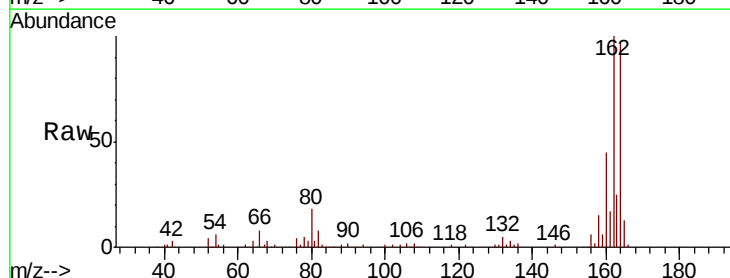
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

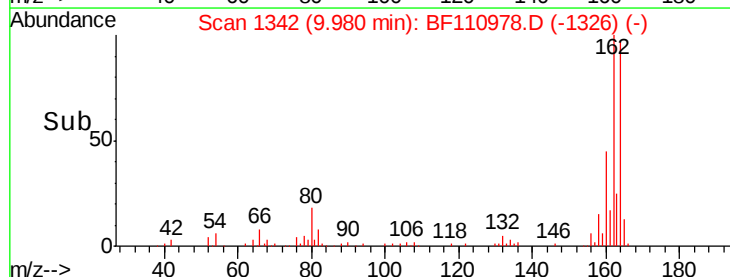
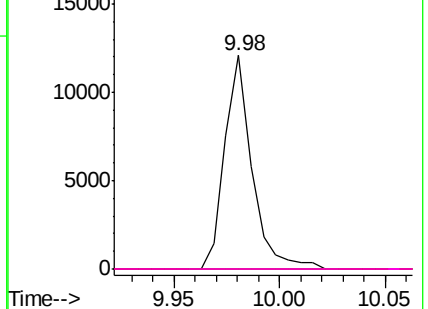


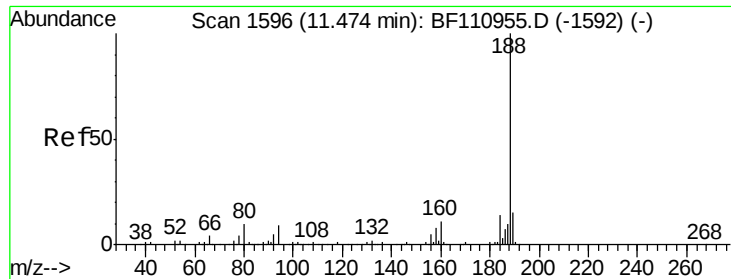
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

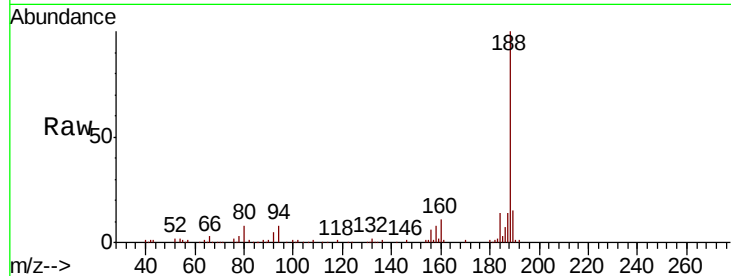
Tgt Ion:188 Resp: 150637

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

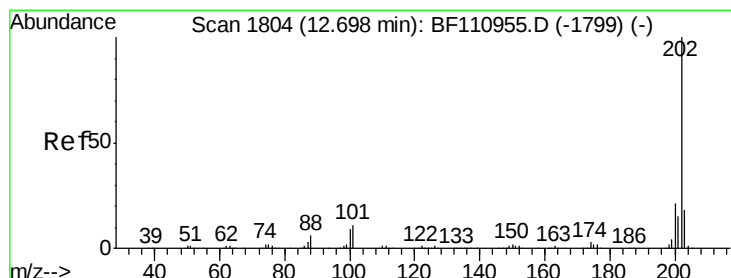
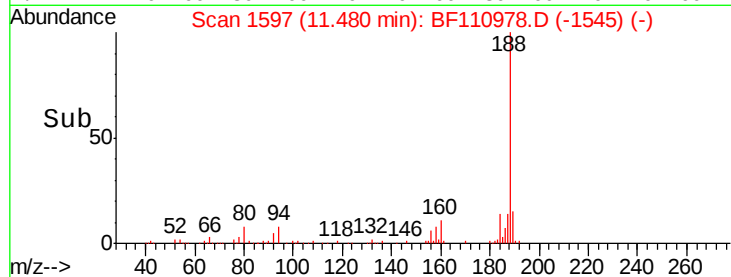
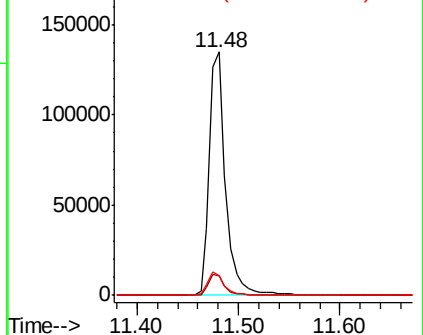
80 8.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 2.362 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

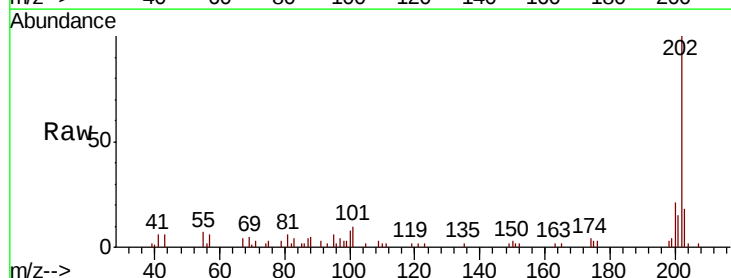
Tgt Ion:202 Resp: 19368

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.4

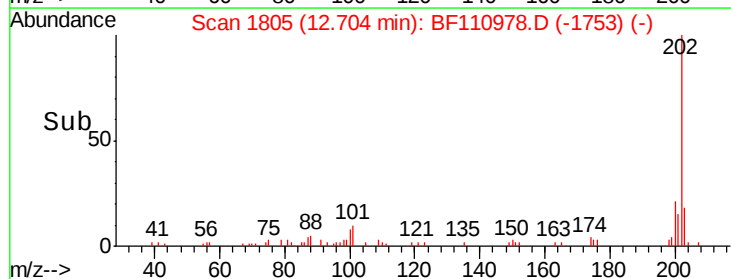
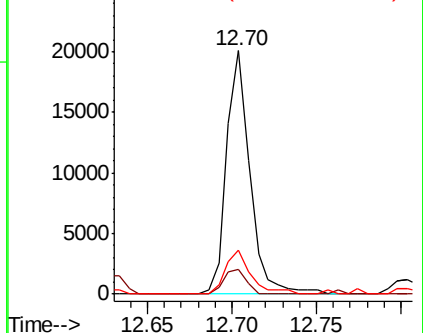
203 18.2 0.0 37.7

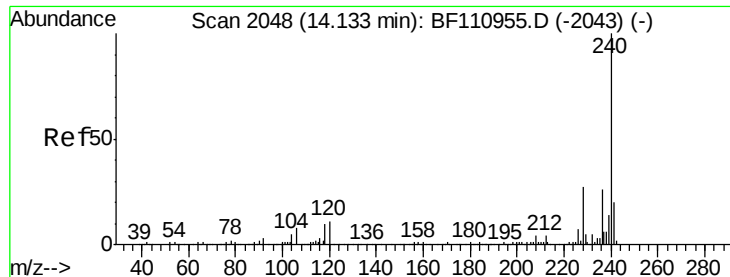


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

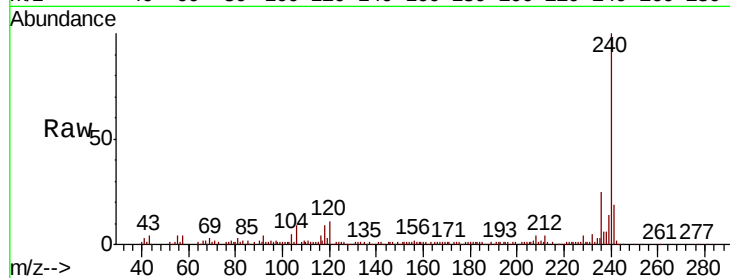




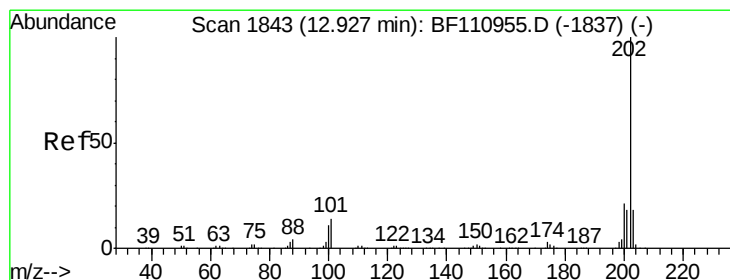
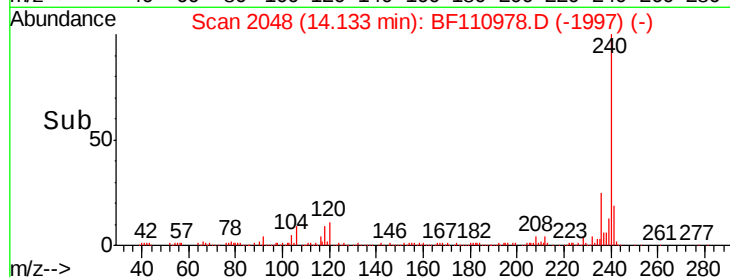
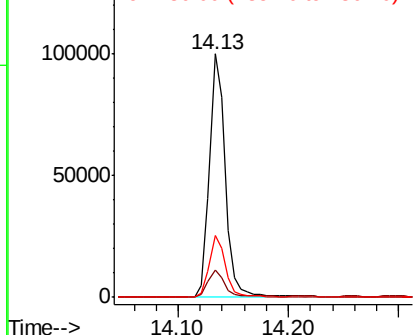
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Instrument :
BNA_F
ClientSampleId :
SU-02-112118

Tgt Ion:240 Resp: 97402
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.2 21.2 31.8

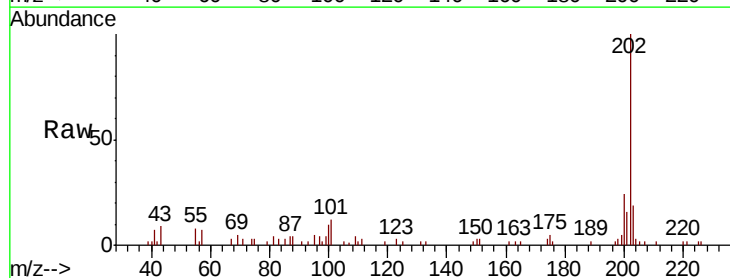


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

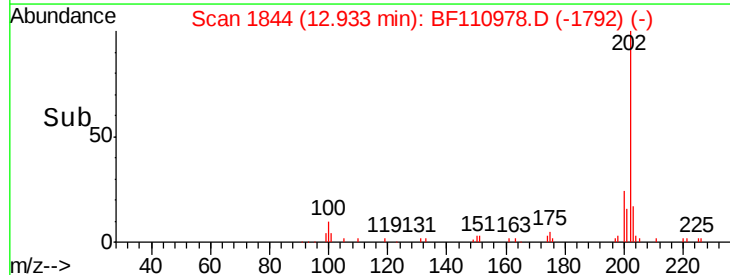
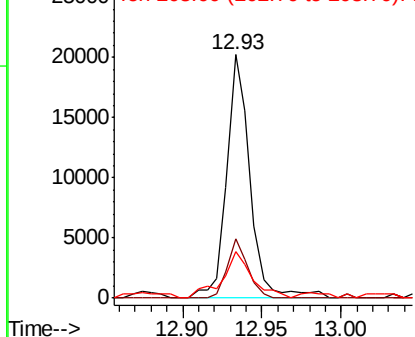


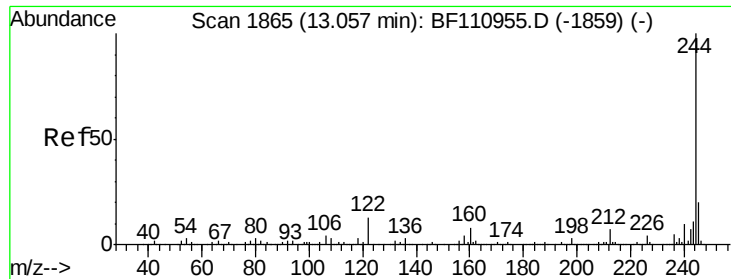
#78
Pyrene
Concen: 2.907 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Tgt Ion:202 Resp: 20677
Ion Ratio Lower Upper
202 100
200 24.3 17.8 26.6
203 19.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 35.044 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

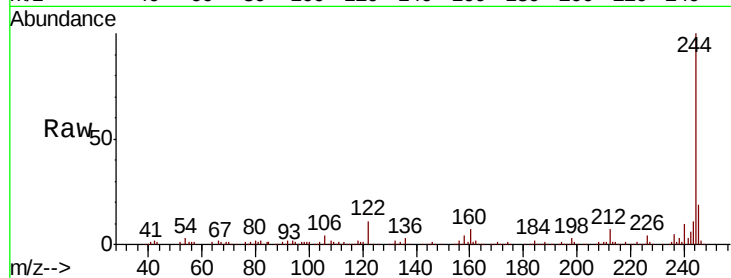
Tgt Ion:244 Resp: 175346

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

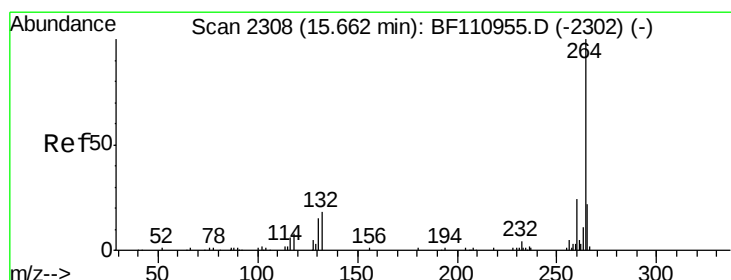
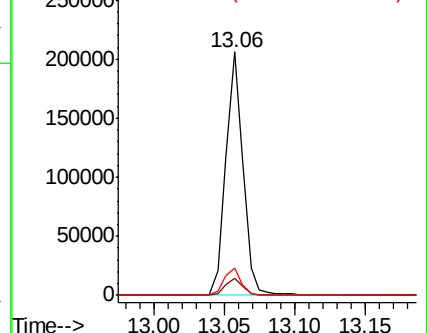
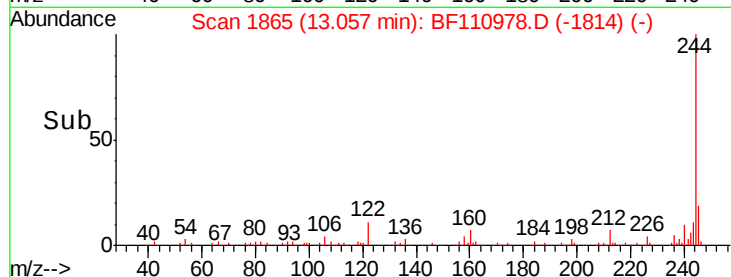
122 11.2 8.7 13.1



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: BF110978.D

Acq: 26 Nov 2018 21:56

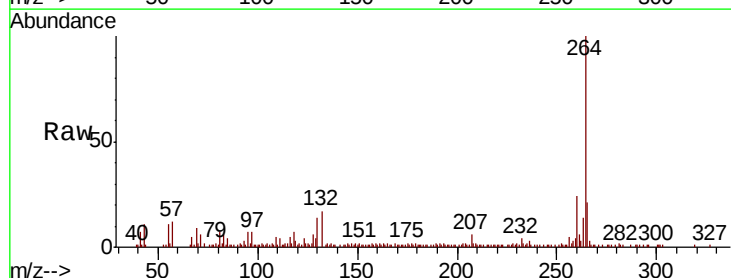
Tgt Ion:264 Resp: 74931

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

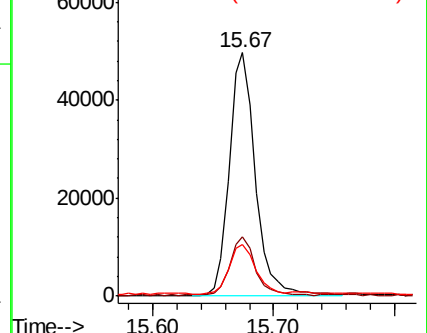
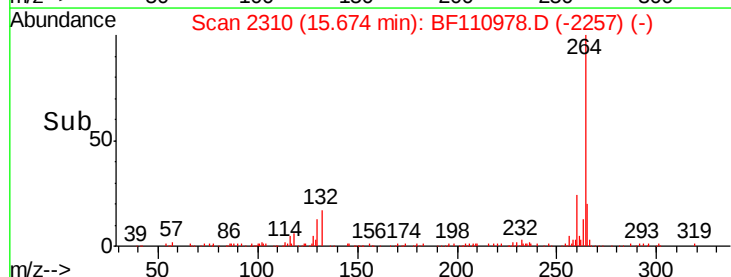
265 21.2 16.7 25.1

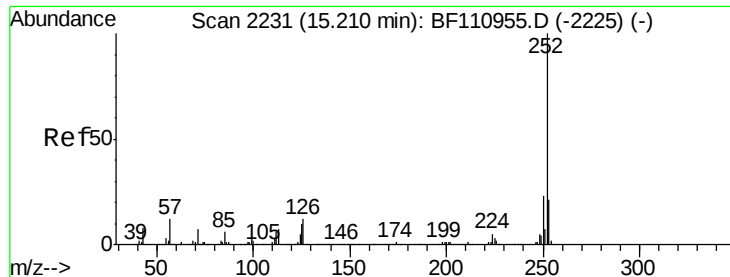


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.875 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

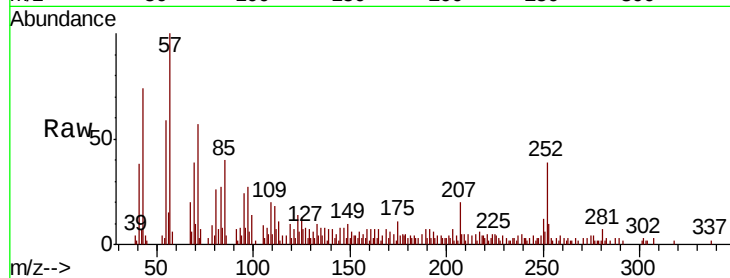
Tgt Ion:252 Resp: 12656

Ion Ratio Lower Upper

252 100

253 25.5 17.2 25.8

125 31.9 8.2 12.4#

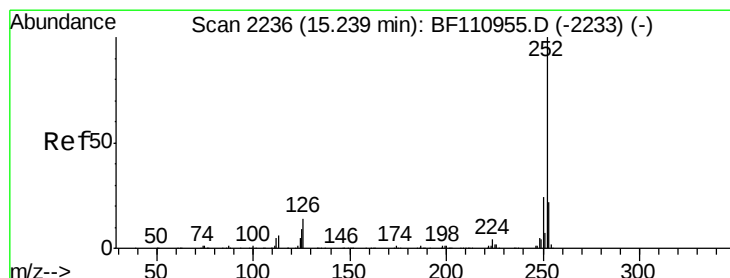
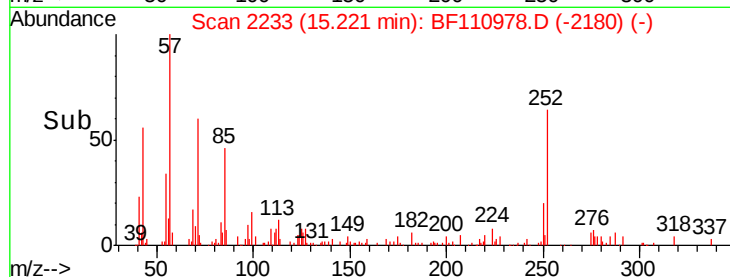
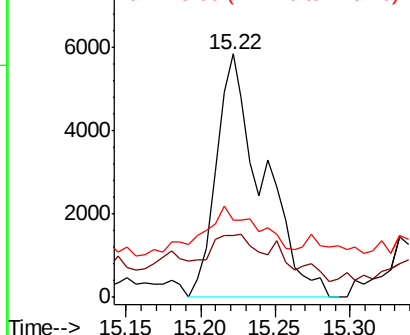


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.793 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

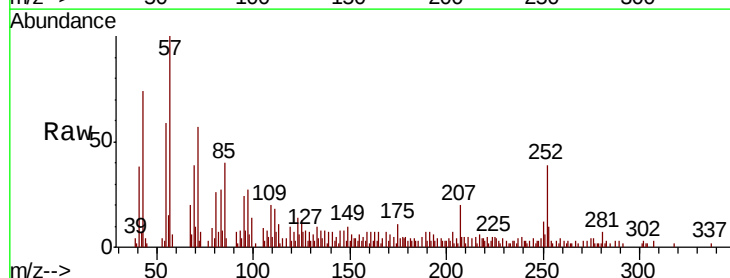
Tgt Ion:252 Resp: 12656

Ion Ratio Lower Upper

252 100

253 25.5 17.2 25.8

125 31.9 7.4 11.0#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

