

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110562.D
 Acq On : 7 Nov 2018 18:20
 Operator : JU/SJ
 Sample : J5813-07 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:22:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

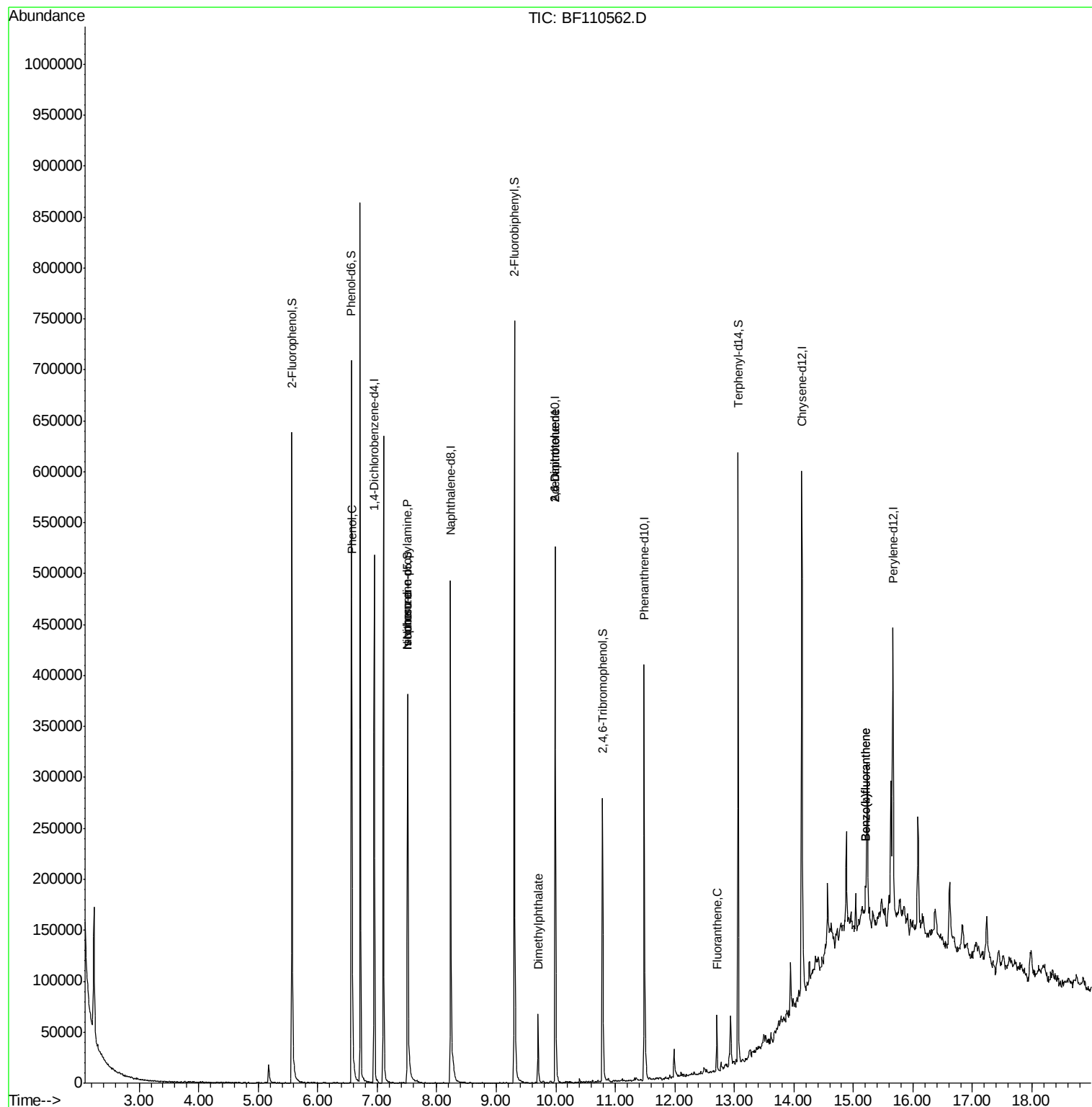
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73585	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	282053	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	109492	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	171355	20.00	ng	0.00
76) Chrysene-d12	14.13	240	171113	20.00	ng	0.00
87) Perylene-d12	15.66	264	143128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	197229	43.65	ng	0.00
7) Phenol-d6	6.57	99	250521	43.34	ng	-0.01
23) Nitrobenzene-d5	7.51	82	150125	31.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	39340	36.27	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	258859	37.12	ng	-0.01
79) Terphenyl-d14	13.06	244	195549	23.77	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	15015	2.430	ng	83
19) n-Nitroso-di-n-propylamine	7.51	70	19223	5.184	ng	# 79
25) Isophorone	7.51	82	150125	18.520	ng	# 67
50) Dimethylphthalate	9.70	163	35626	4.408	ng	100
51) 2,6-Dinitrotoluene	9.99	165	13503	7.756	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	13503	6.106	ng	# 17
75) Fluoranthene	12.70	202	24426	2.684	ng	98
77) Benzidine	13.06	184	2580	Below Cal		94
88) Benzo(b)fluoranthene	15.21	252	21600	2.613	ng	# 75
89) Benzo(k)fluoranthene	15.21	252	21600	2.658	ng	# 74

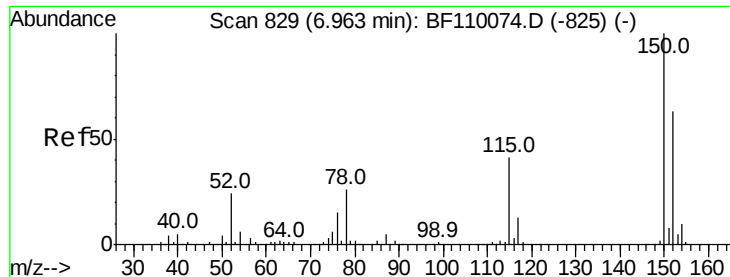
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110562.D
Acq On : 7 Nov 2018 18:20
Operator : JU/SJ
Sample : J5813-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 08 16:22:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



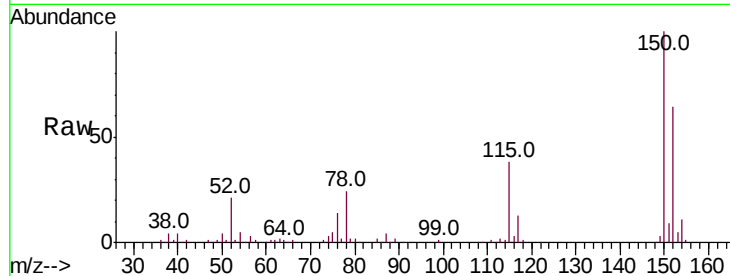


#1

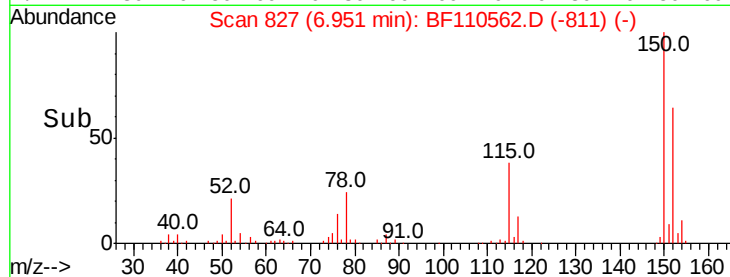
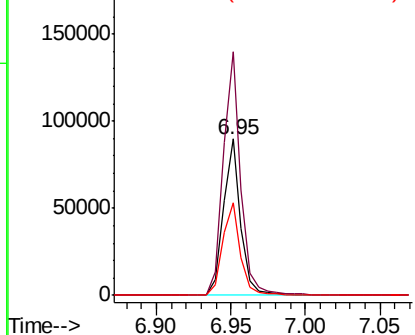
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73585
Ion Ratio Lower Upper
152 100
150 155.7 122.7 184.1
115 59.1 49.1 73.7



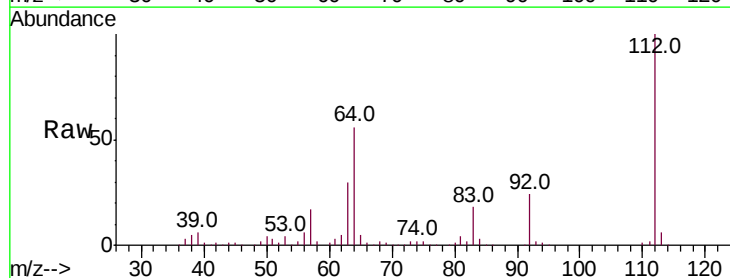
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



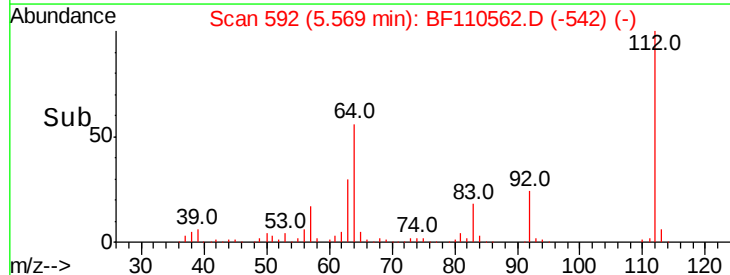
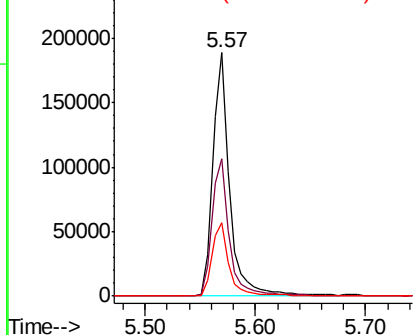
#5

2-Fluorophenol
Concen: 43.647 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:112 Resp: 197229
Ion Ratio Lower Upper
112 100
64 56.4 44.1 66.1
63 30.3 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: 43.344 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

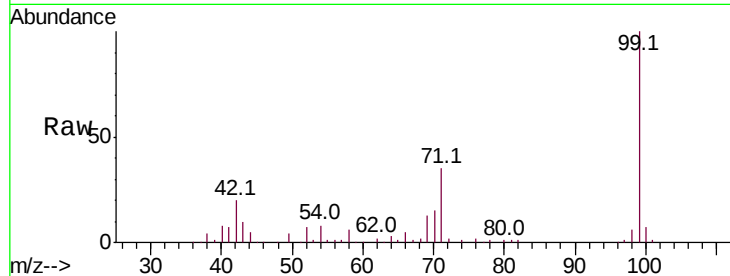
Tot Ion: 99 Resp: 250521

Ion Ratio Lower Upper

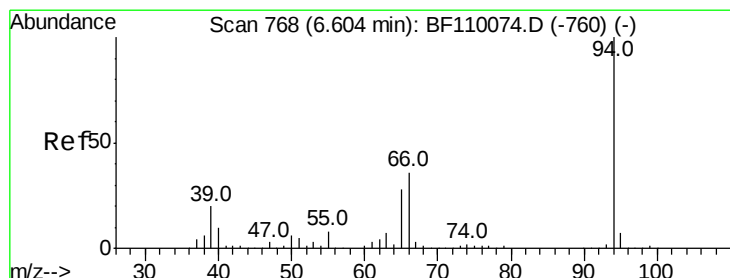
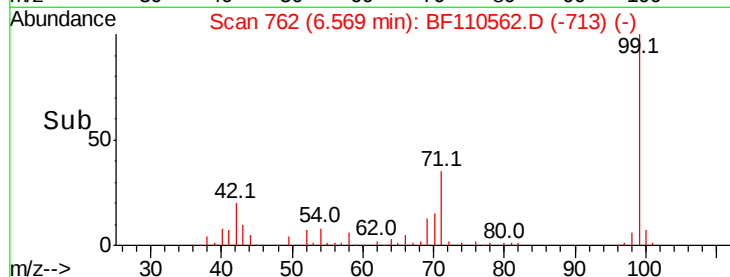
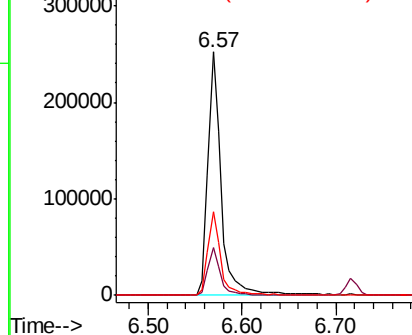
99 100

42 19.6 15.8 23.6

71 34.6 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: 2.430 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

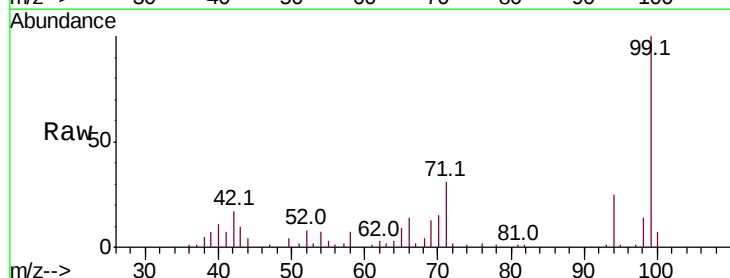
Tgt Ion: 94 Resp: 15015

Ion Ratio Lower Upper

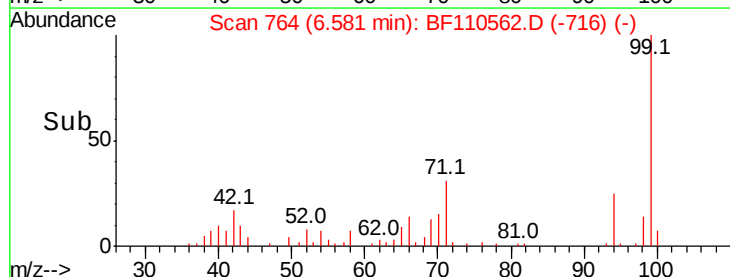
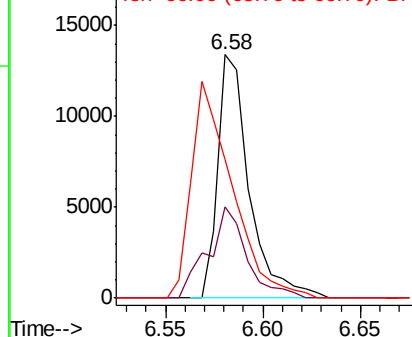
94 100

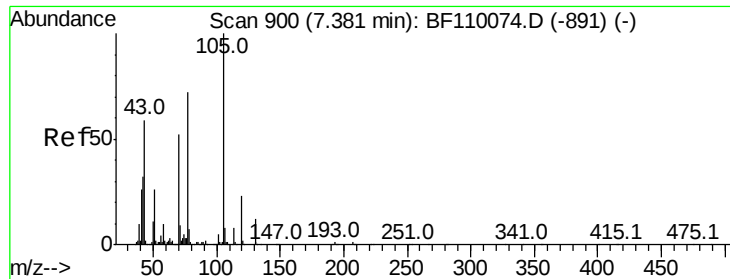
65 37.5 25.3 65.3

66 57.2 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

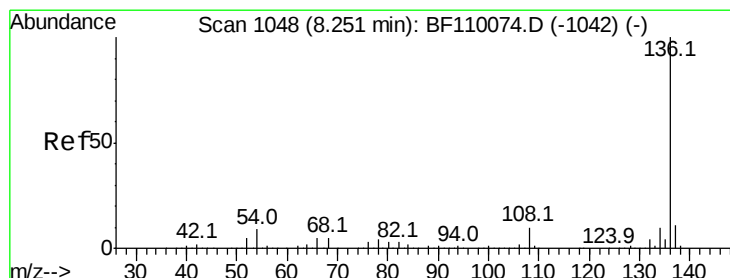
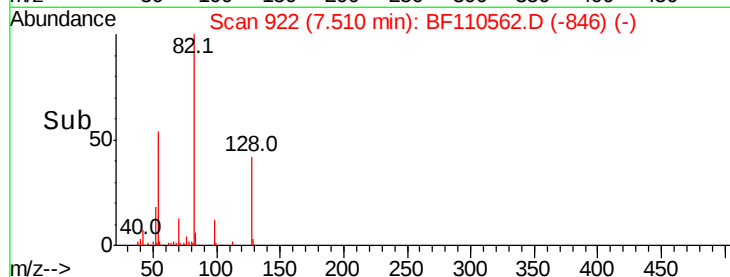
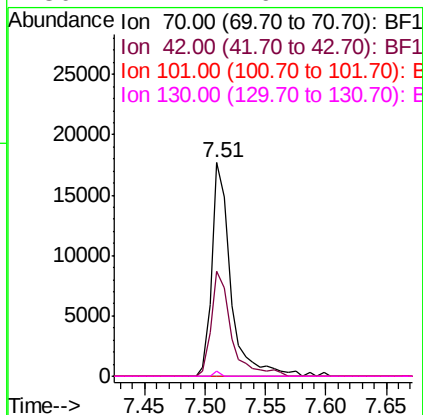
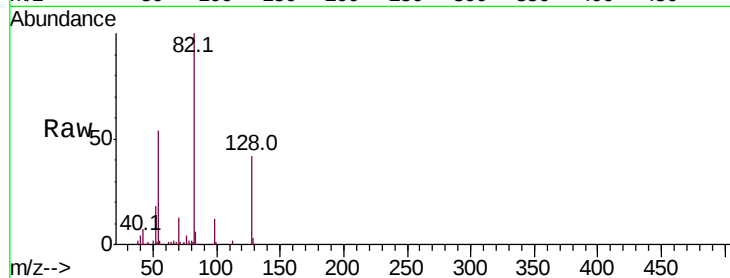




#19
n-Nitroso-di-n-propylamine
Concen: 5.184 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

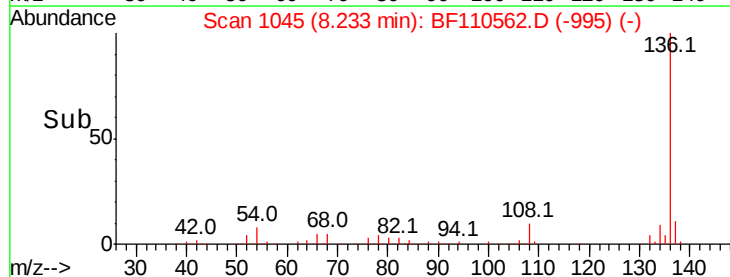
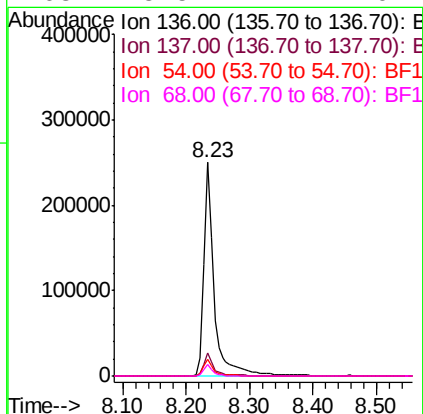
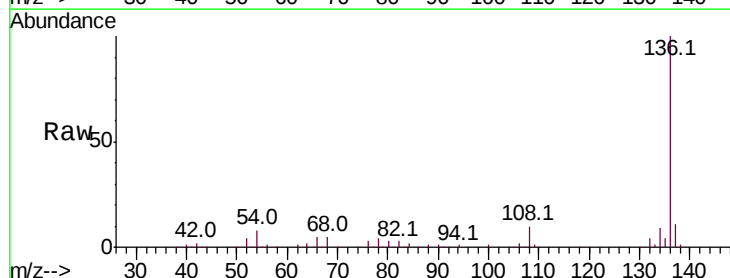
Instrument :
BNA_F
ClientSampled :

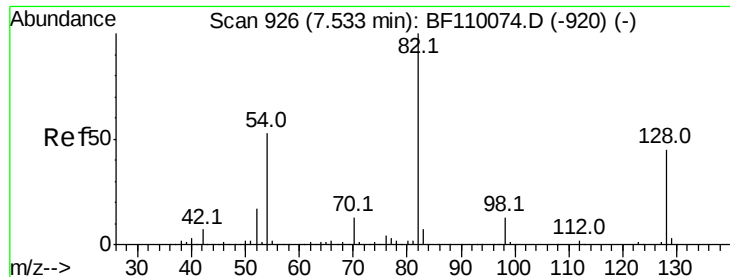
Tot Ion: 70 Resp: 19223
Ion Ratio Lower Upper
70 100
42 49.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion: 136 Resp: 282053
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 5.4 8.2
68 5.5 4.2 6.2

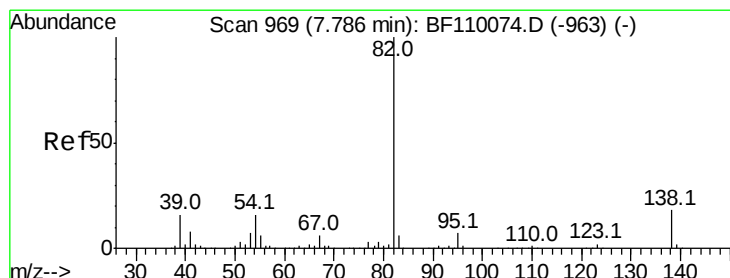
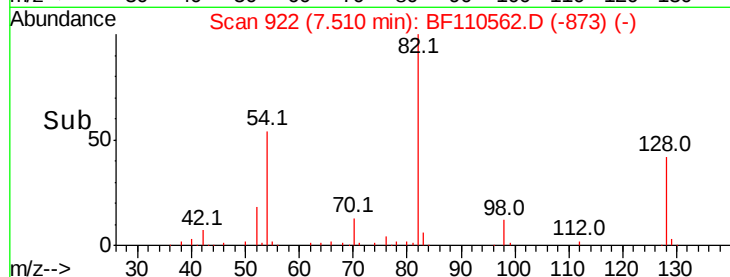
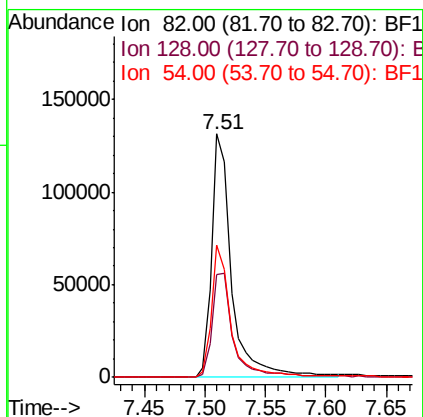
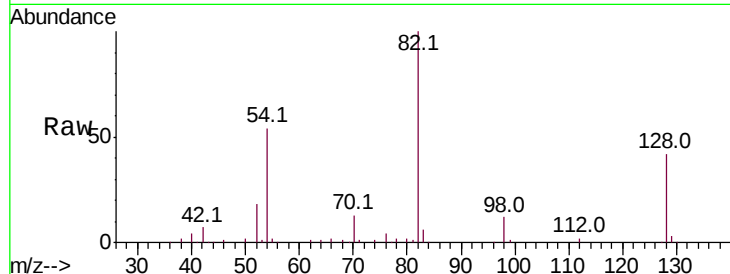




#23
 Nitrobenzene-d5
 Concen: 31.570 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110562.D
 Acq: 7 Nov 2018 18:20

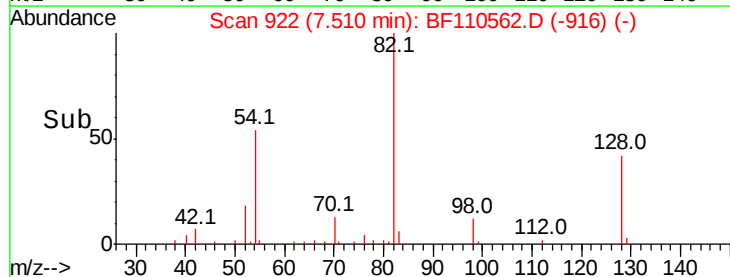
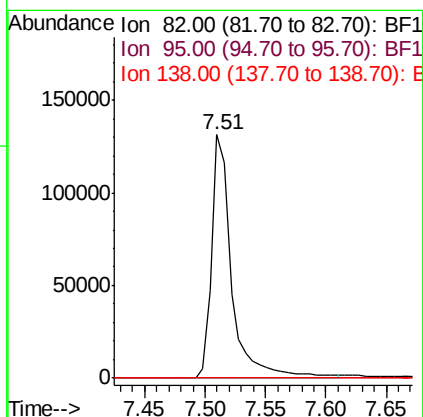
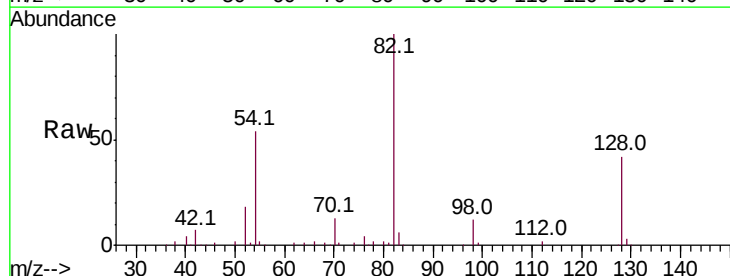
Instrument :
 BNA_F
 ClientSampleID :

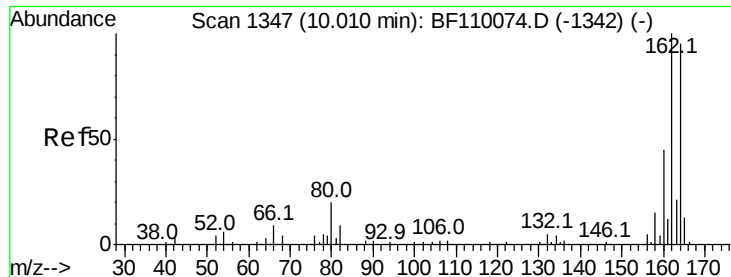
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.2	51.2
54	54.3	38.6	58.0



#25
 Isophorone
 Concen: 18.520 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110562.D
 Acq: 7 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#

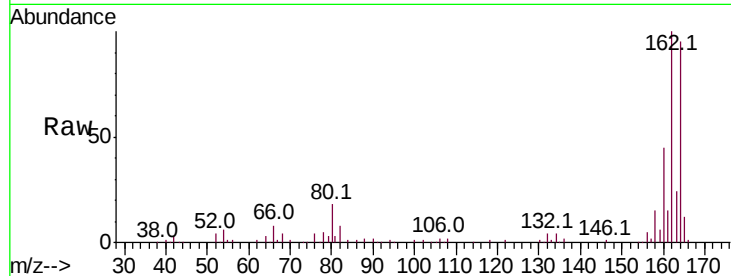




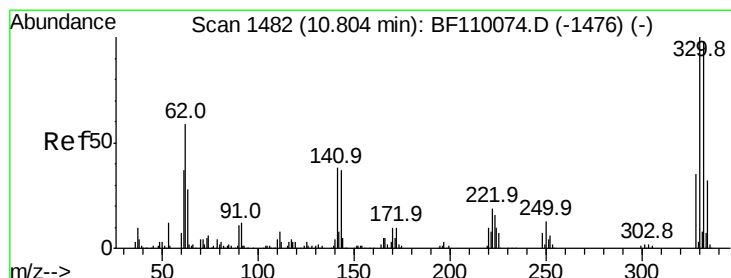
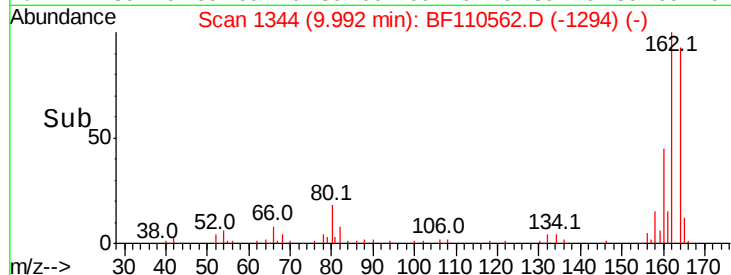
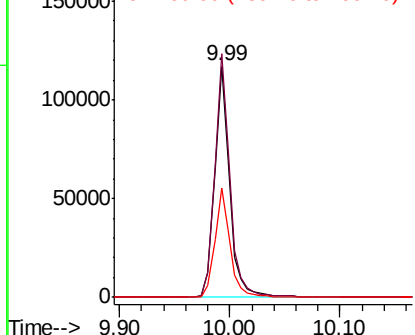
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 109492
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 47.3 37.0 55.6

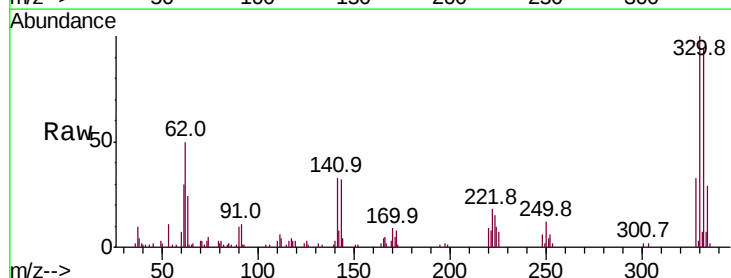


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

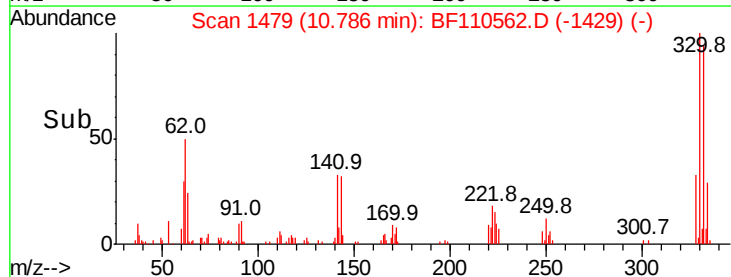
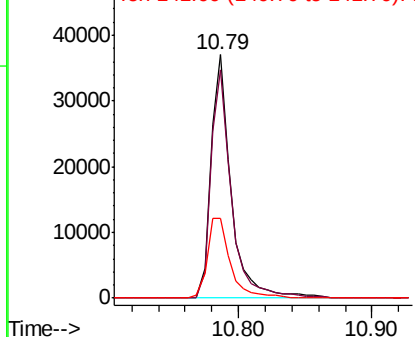


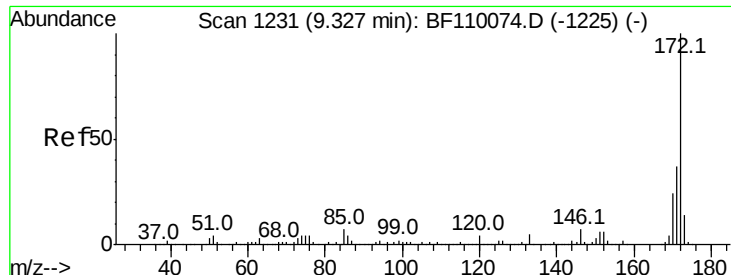
#42
2,4,6-Tribromophenol
Concen: 36.272 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:330 Resp: 39340
Ion Ratio Lower Upper
330 100
332 95.1 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

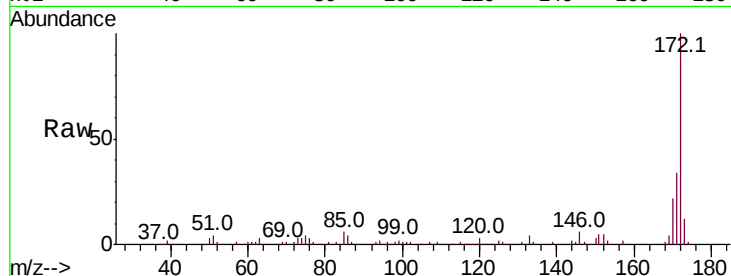




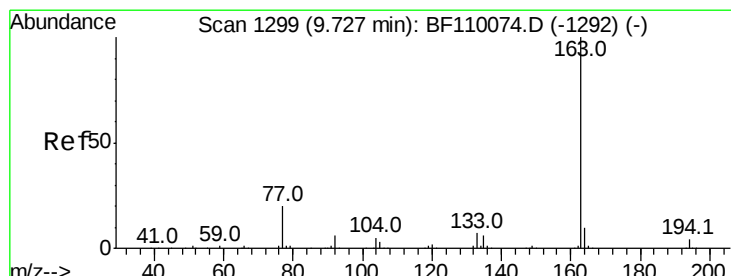
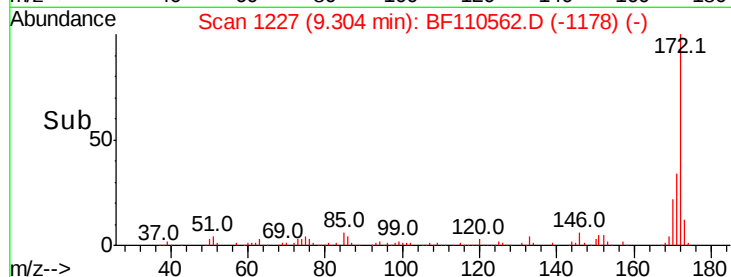
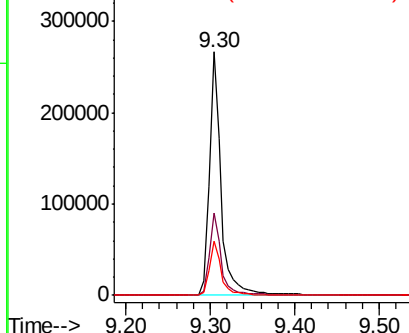
#45
 2-Fluorobiphenyl
 Concen: 37.124 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF110562.D
 Acq: 7 Nov 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 258859
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.6 43.0
 170 22.3 19.7 29.5

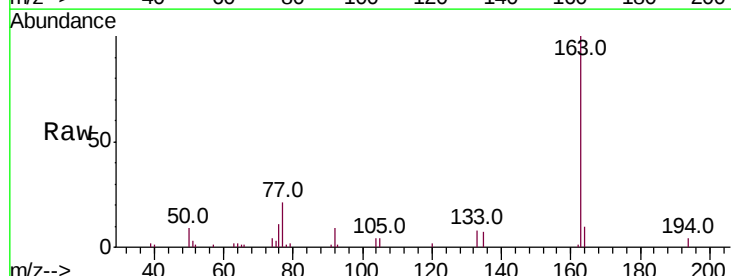


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

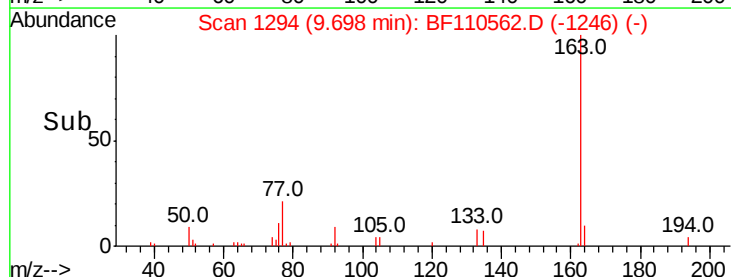
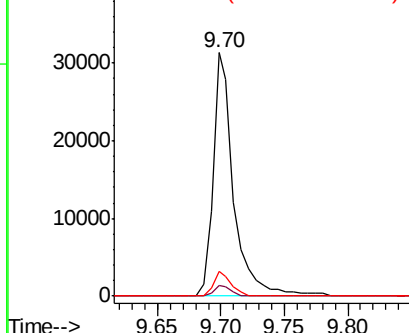


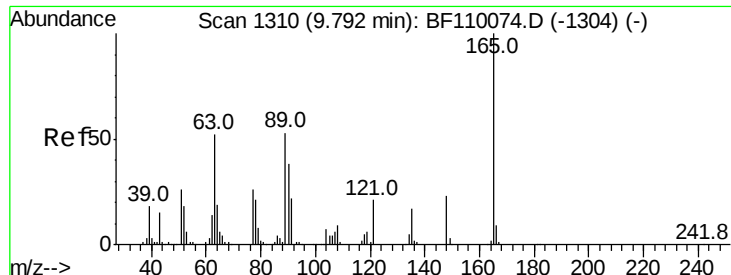
#50
 Dimethylphthalate
 Concen: 4.408 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110562.D
 Acq: 7 Nov 2018 18:20

Tgt Ion:163 Resp: 35626
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.2 4.8
 164 10.1 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: 7.756 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.21 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

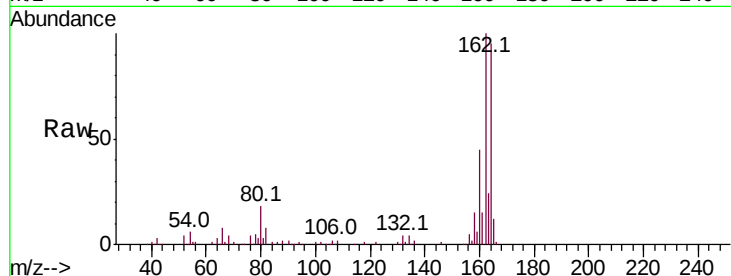
Tot Ion:165 Resp: 13503

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

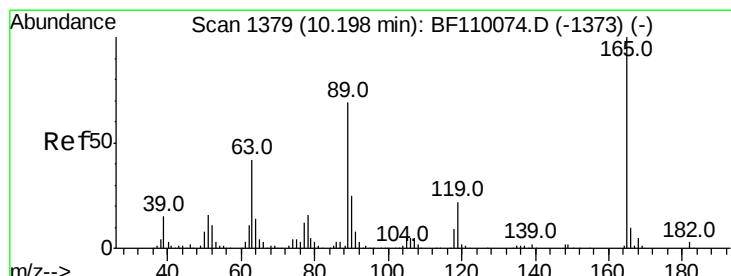
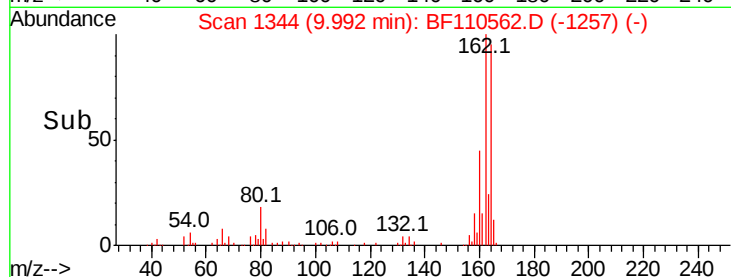
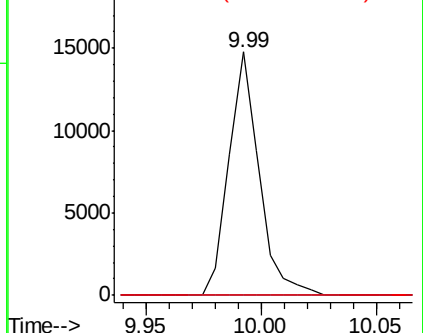
89 0.0 46.6 69.8#



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: 6.106 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.20 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Tgt Ion:165 Resp: 13503

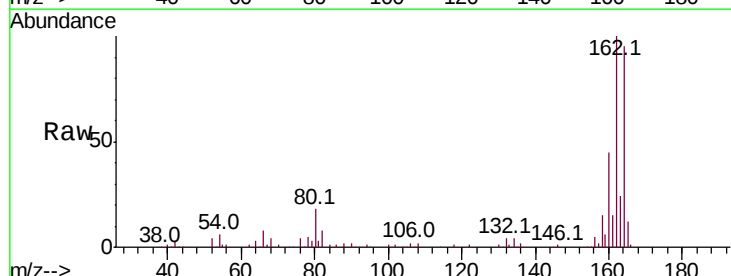
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

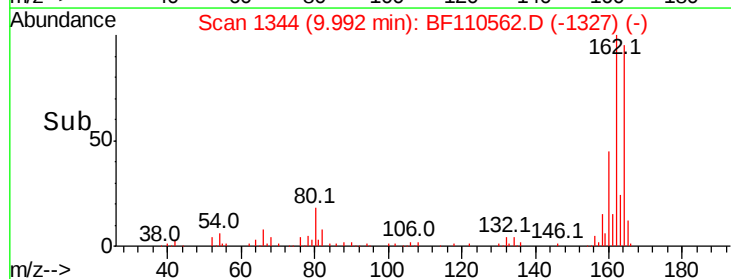
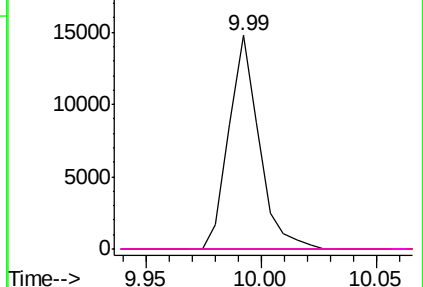


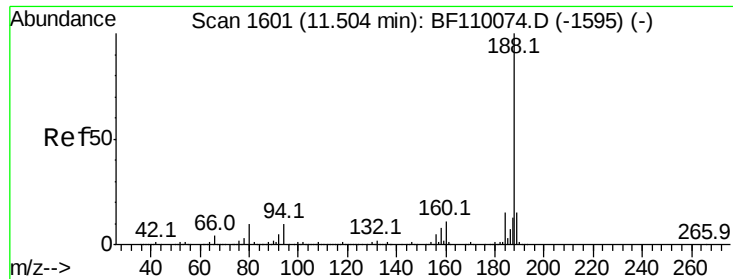
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

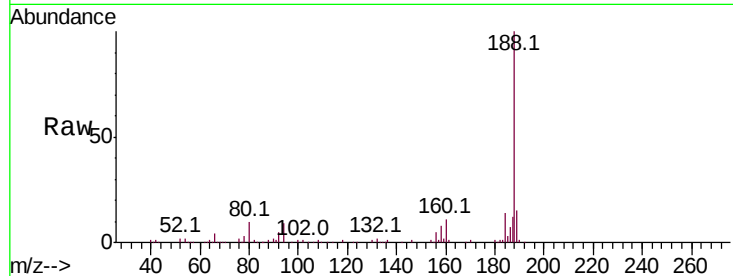
Tot Ion:188 Resp: 171355

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

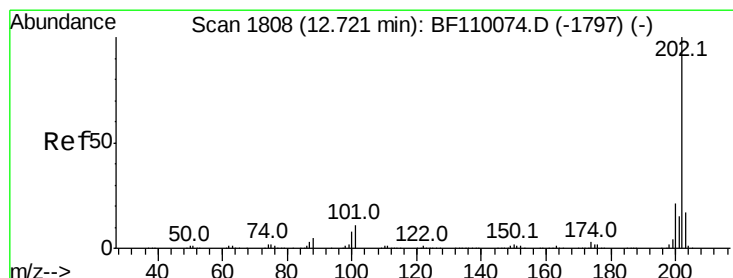
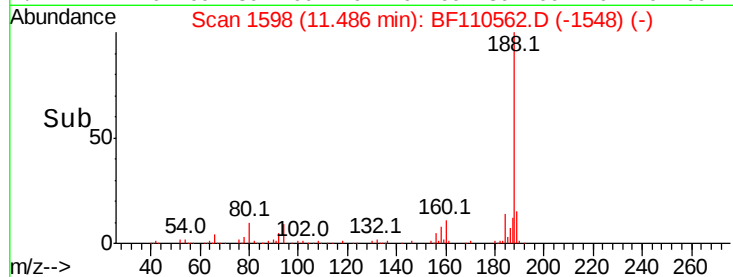
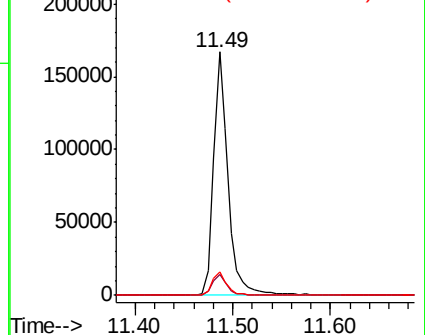
80 9.8 7.9 11.9



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: 2.684 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

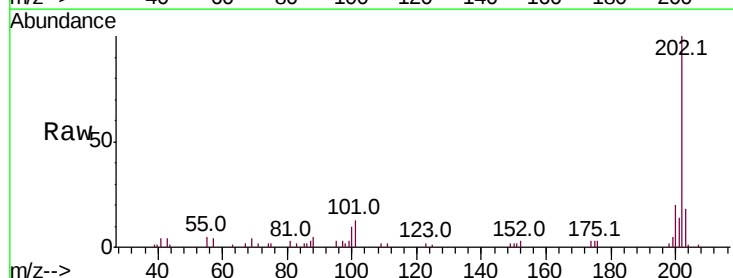
Tgt Ion:202 Resp: 24426

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.4

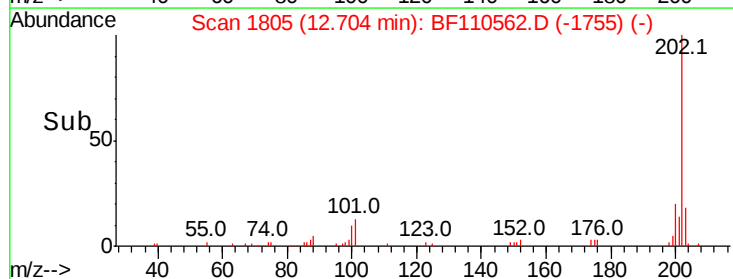
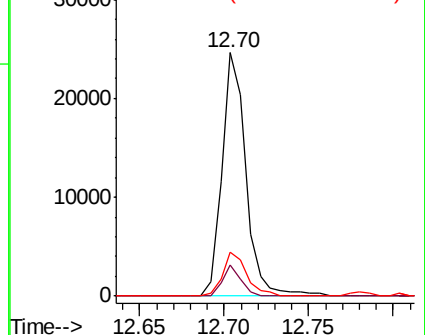
203 18.2 0.0 37.7

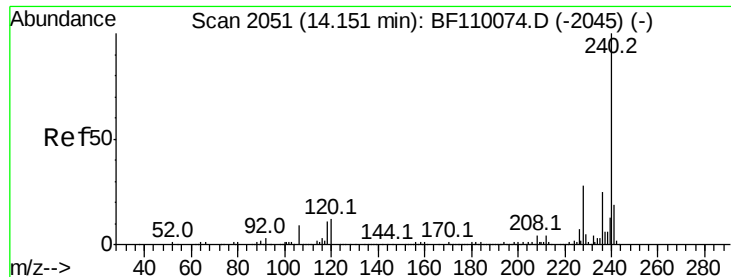


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

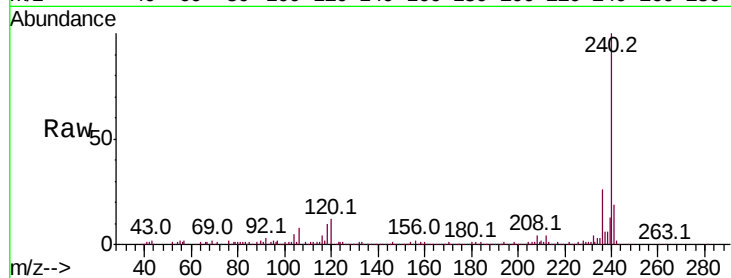
Tot Ion:240 Resp: 171113

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

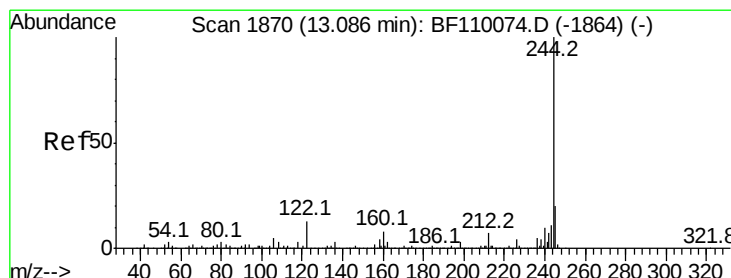
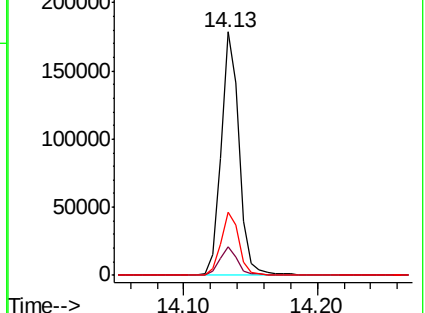
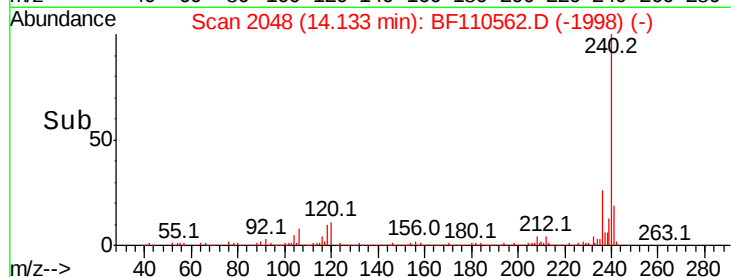
236 26.0 21.2 31.8



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: 23.767 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

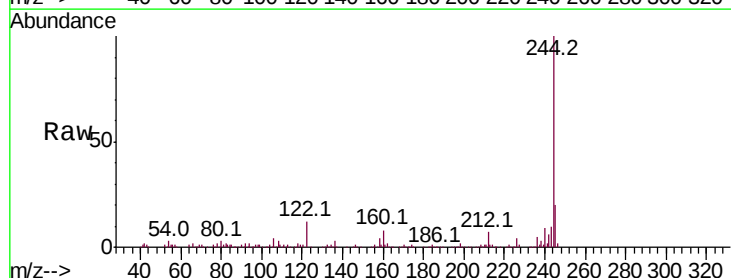
Tgt Ion:244 Resp: 195549

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

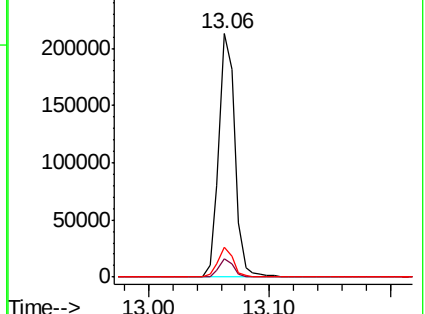
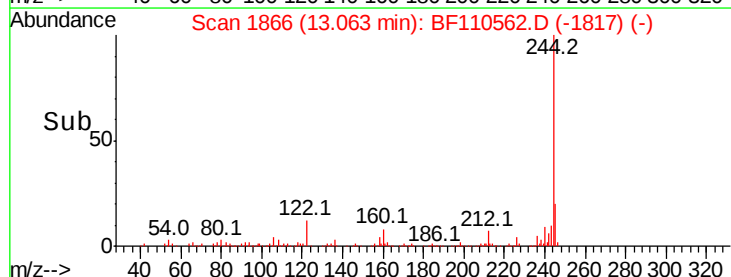
122 12.3 8.7 13.1

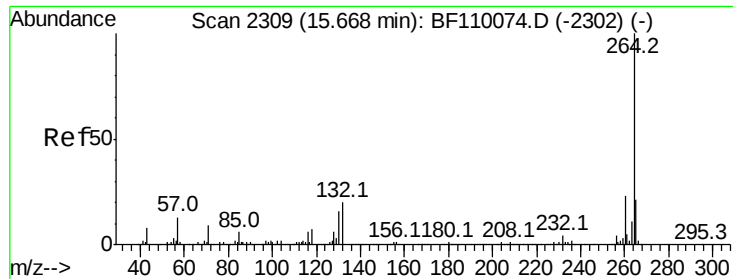


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

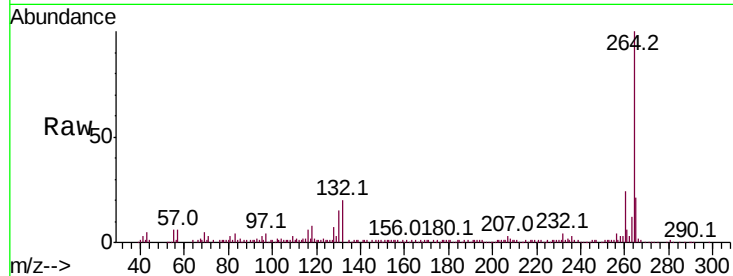




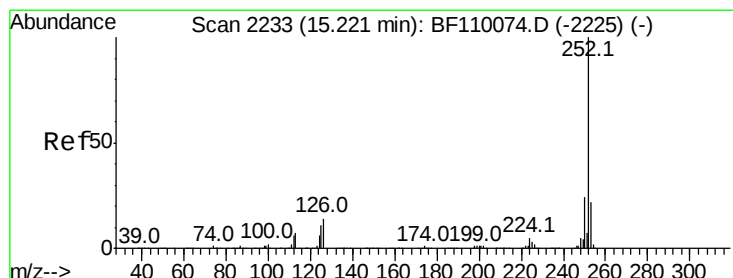
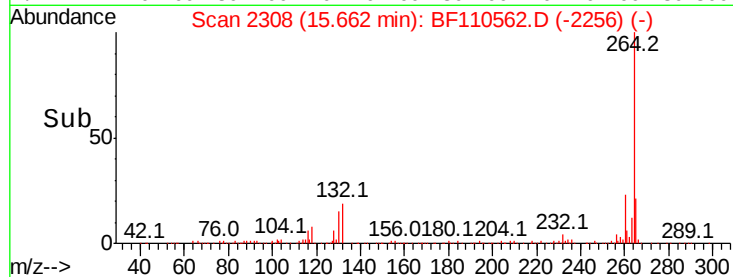
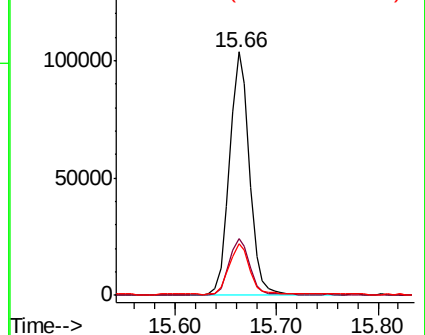
#87
Pervlène-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 143128
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.2 16.7 25.1

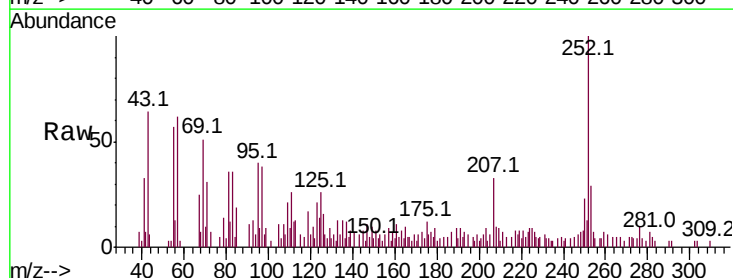


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

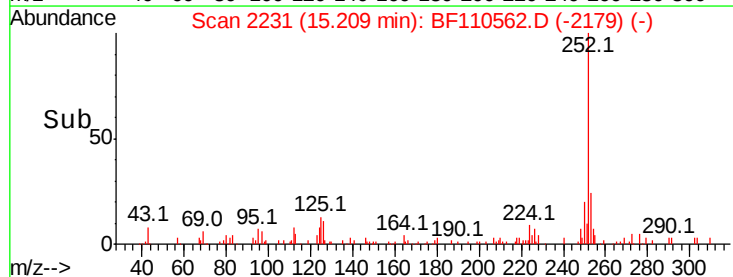
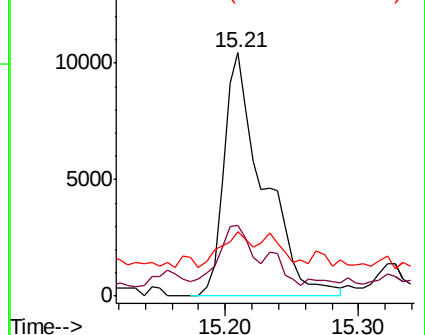


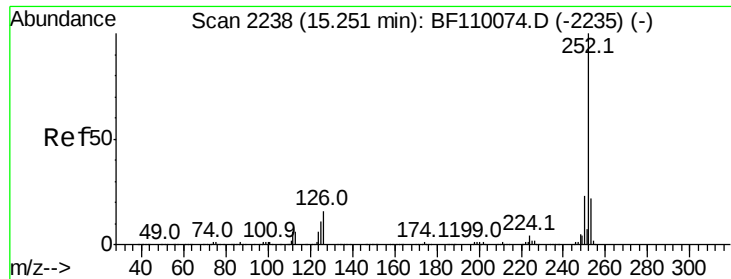
#88
Benzo(b)fluoranthene
Concen: 2.613 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:252 Resp: 21600
Ion Ratio Lower Upper
252 100
253 29.3 17.2 25.8#
125 26.4 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: 2.658 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.03 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

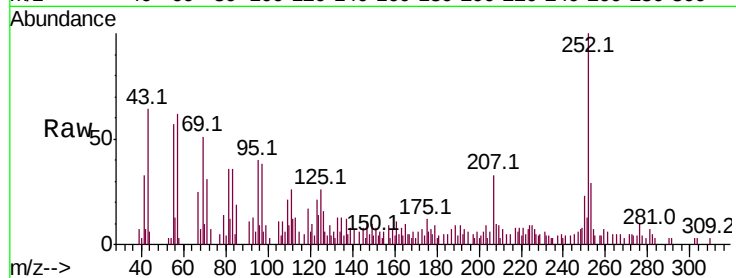
Tot Ion:252 Resp: 21600

Ion Ratio Lower Upper

252 100

253 29.3 17.2 25.8#

125 26.4 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

