

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112542.D
 Acq On : 13 Feb 2019 16:46
 Operator : JU/SJ
 Sample : K1343-27 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

Quant Time: Feb 14 07:28:14 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

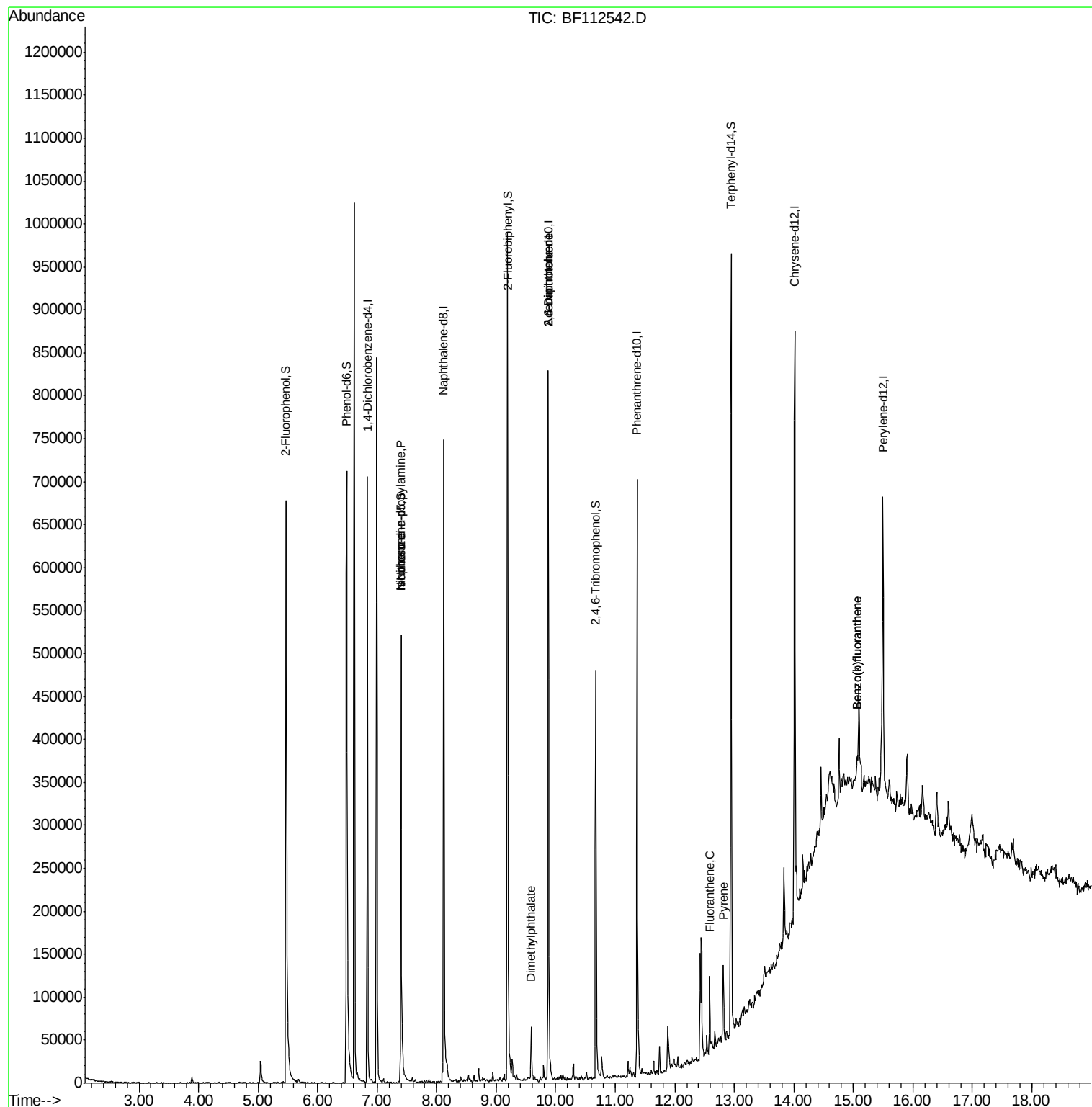
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105366	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	397331	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	169330	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	272472	20.00	ng	0.00
76) Chrysene-d12	14.02	240	236424	20.00	ng	0.00
87) Perylene-d12	15.50	264	176662	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	253486	51.10	ng	-0.01
7) Phenol-d6	6.49	99	321871	46.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	191751	27.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	69594	35.31	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	361706	30.21	ng	-0.01
79) Terphenyl-d14	12.95	244	299580	23.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	24741	5.205	ng	# 79
25) Isophorone	7.40	82	191750	17.725	ng	# 63
50) Dimethylphthalate	9.59	163	28038	2.131	ng	98
51) 2,6-Dinitrotoluene	9.87	165	21619	7.337	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	21620	5.764	ng	# 33
75) Fluoranthene	12.59	202	35668	2.348	ng	97
78) Pyrene	12.82	202	34318	2.097	ng	99
88) Benzo(b)fluoranthene	15.07	252	23604	2.234	ng	# 65
89) Benzo(k)fluoranthene	15.07	252	23604	2.332	ng	# 65

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Quant Time: Feb 14 07:28:14 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



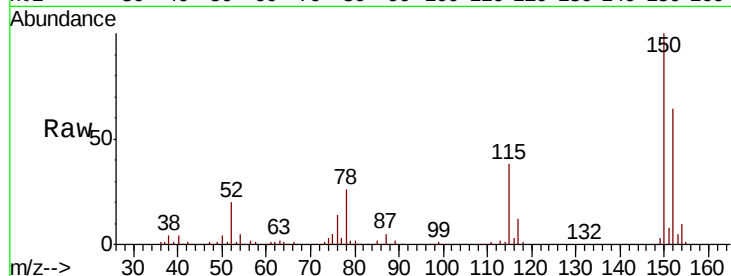


#1

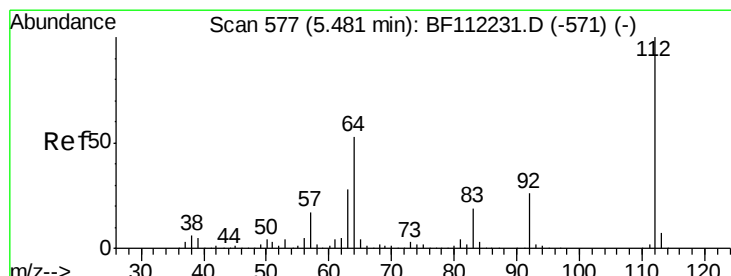
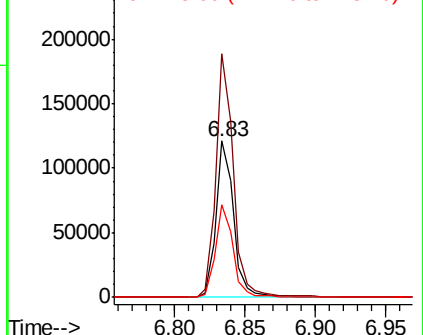
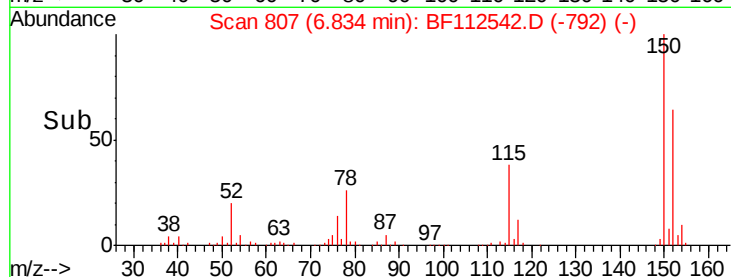
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

Tgt Ion:152 Resp: 105366
 Ion Ratio Lower Upper
 152 100
 150 156.1 127.4 191.0
 115 59.4 45.5 68.3



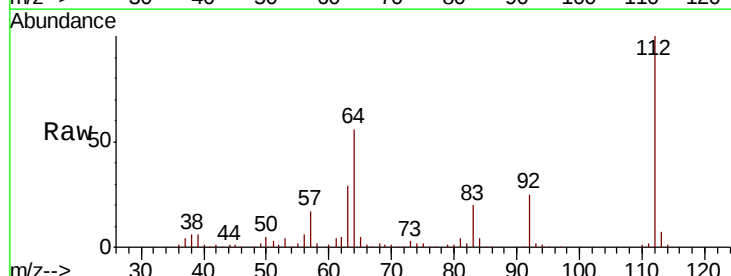
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



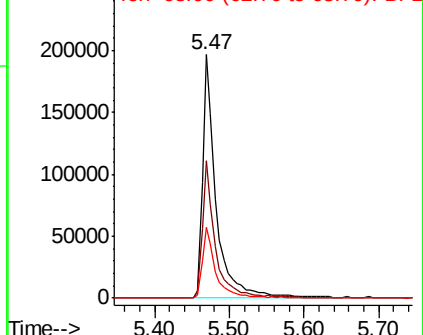
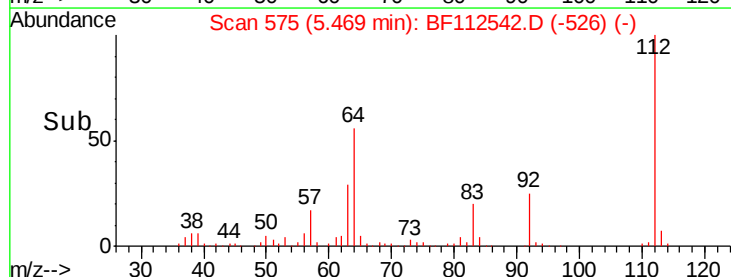
#5

2-Fluorophenol
 Concen: 51.100 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Tgt Ion:112 Resp: 253486
 Ion Ratio Lower Upper
 112 100
 64 56.2 45.7 68.5
 63 29.1 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: 46.695 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

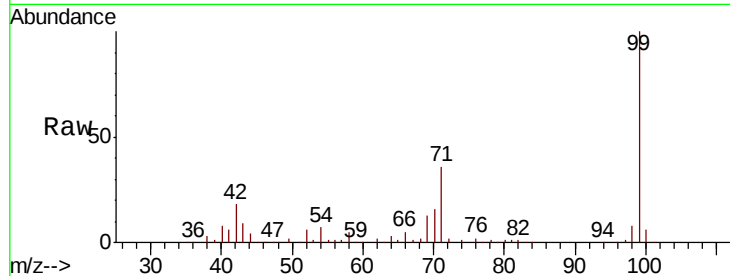
Tgt Ion: 99 Resp: 321871

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

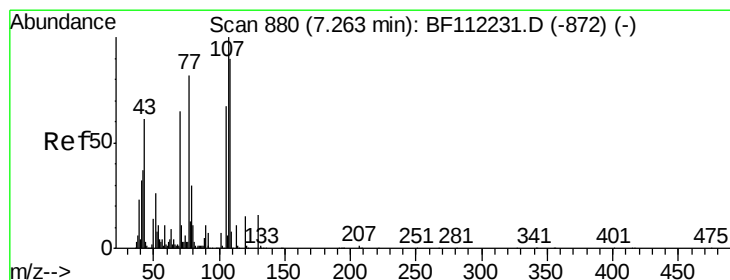
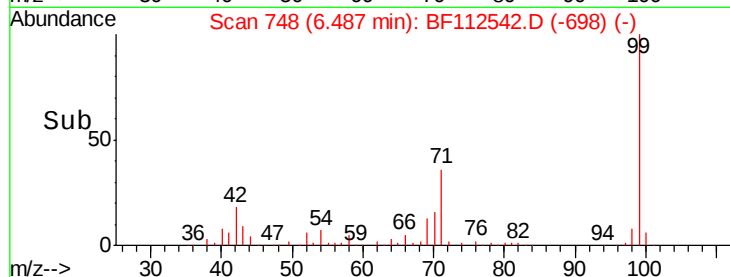
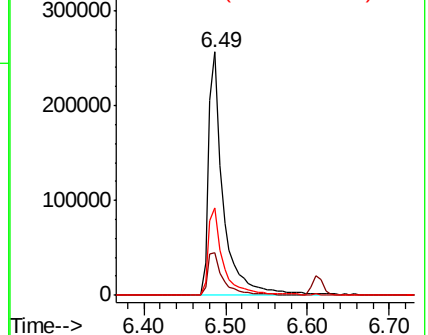
71 35.7 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.205 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Tgt Ion: 70 Resp: 24741

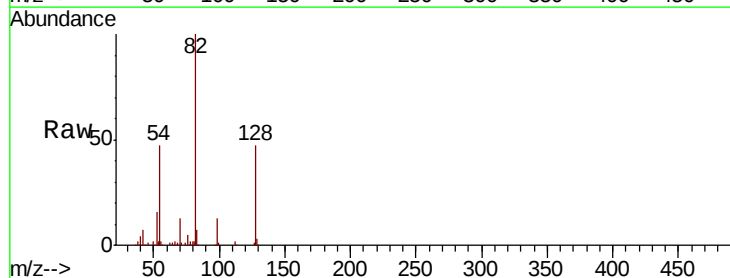
Ion Ratio Lower Upper

70 100

42 50.4 47.6 71.4

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#

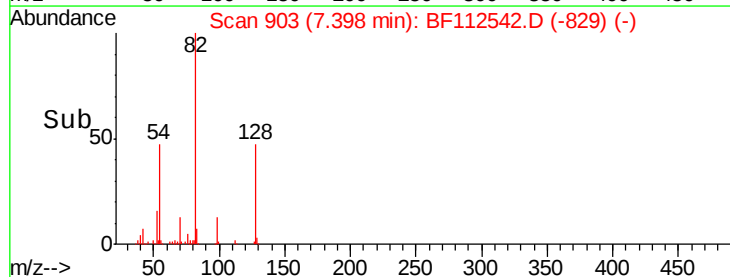
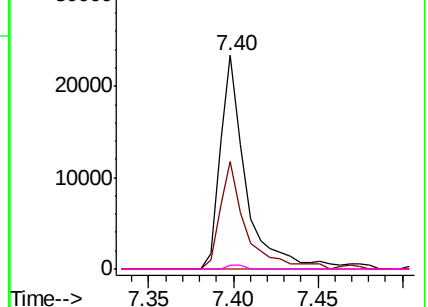


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

Tgt Ion: 136 Resp: 397331

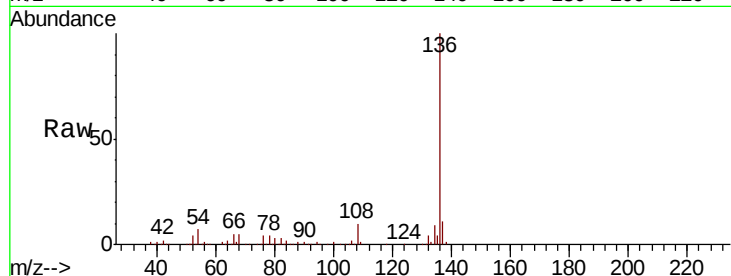
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 5.0 5.1 7.7#

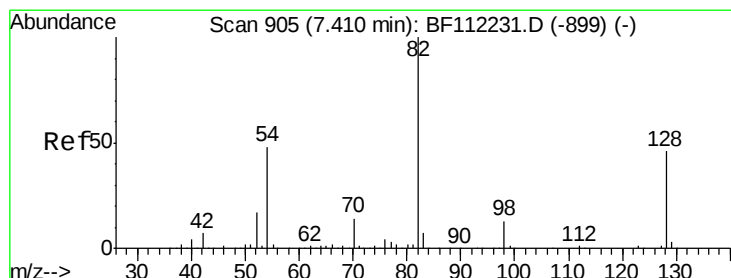
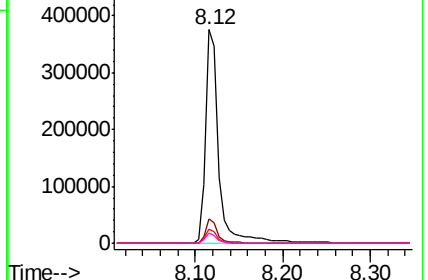
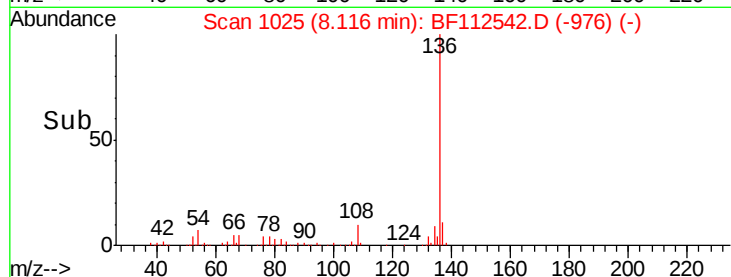


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 27.807 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

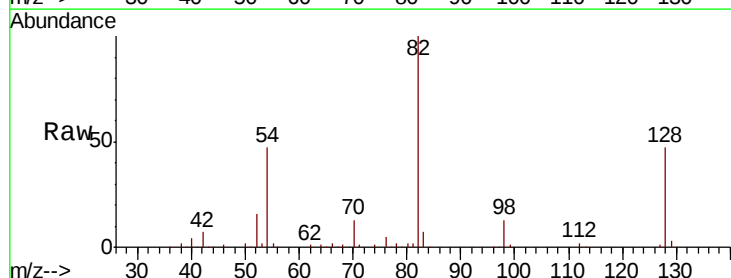
Tgt Ion: 82 Resp: 191751

Ion Ratio Lower Upper

82 100

128 46.8 37.8 56.8

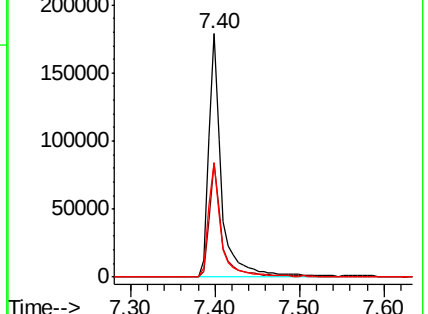
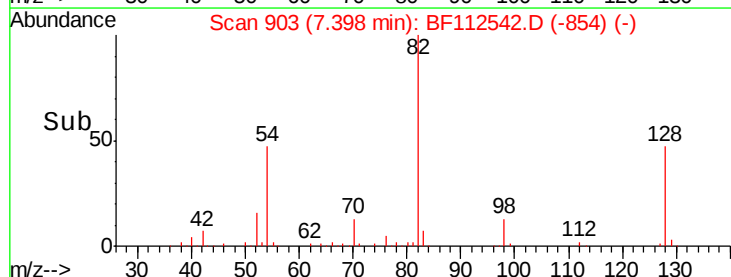
54 46.9 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.725 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

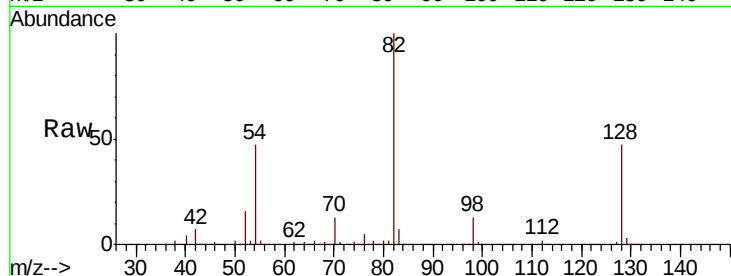
Tgt Ion: 82 Resp: 191750

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

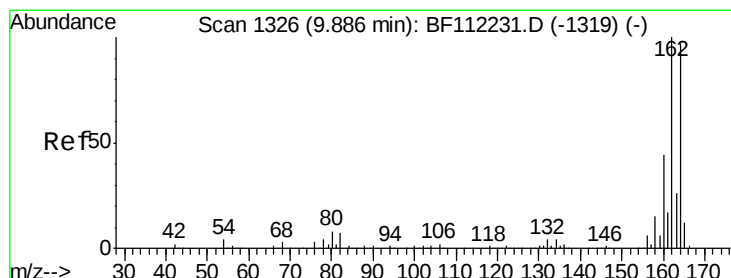
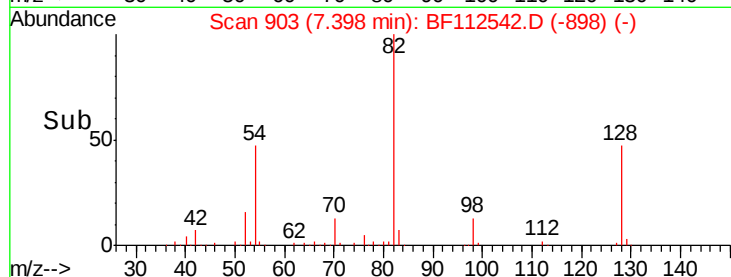
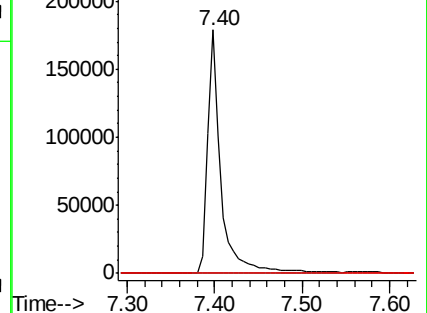
138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

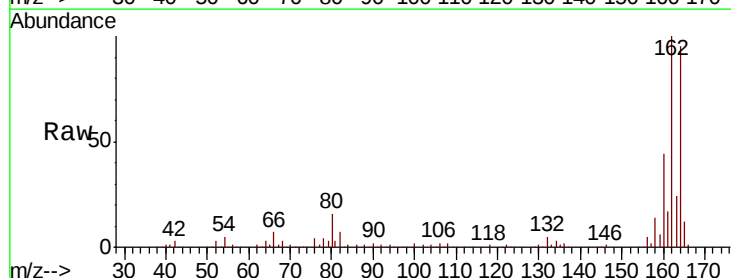
Tgt Ion: 164 Resp: 169330

Ion Ratio Lower Upper

164 100

162 105.7 82.2 123.4

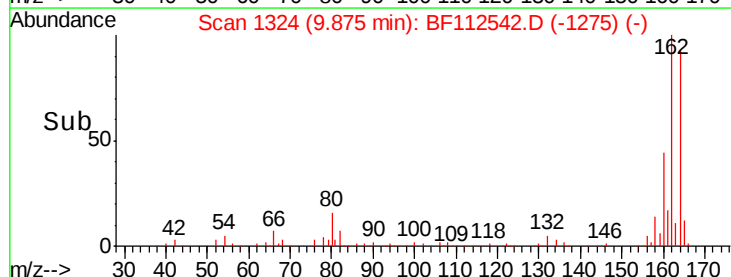
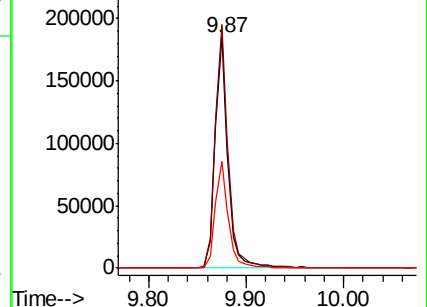
160 46.1 36.2 54.4



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

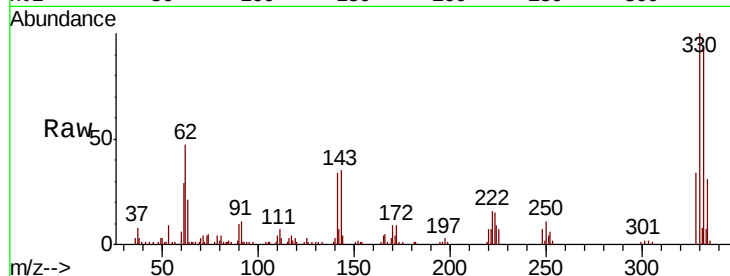




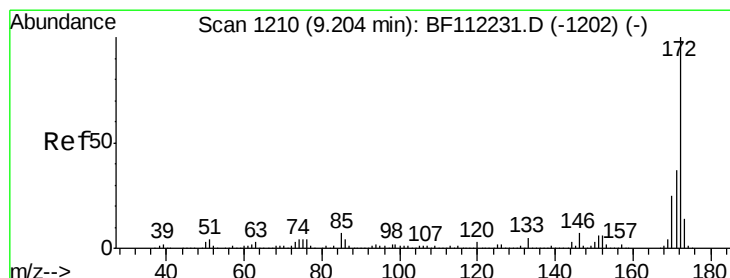
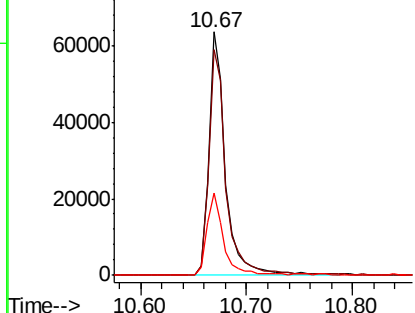
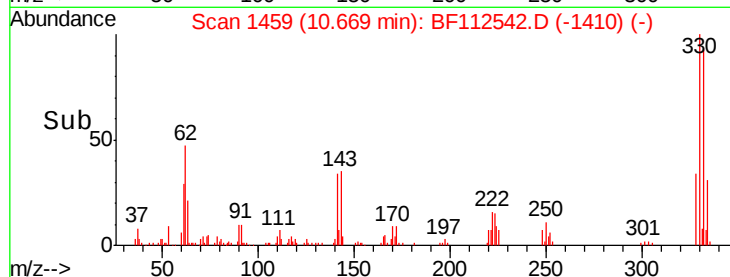
#42
 2,4,6-Tribromophenol
 Concen: 35.310 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

Tgt Ion:330 Resp: 69594
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 33.6 24.3 36.5

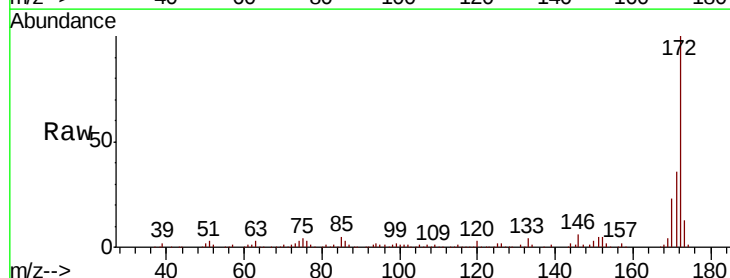


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

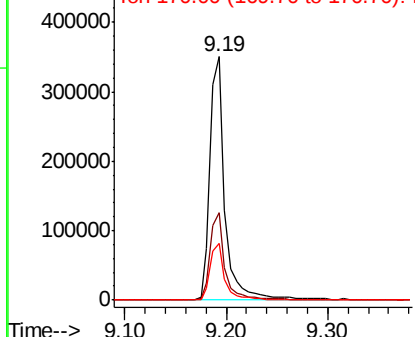
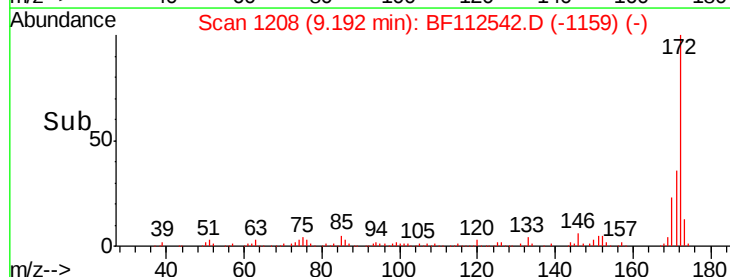


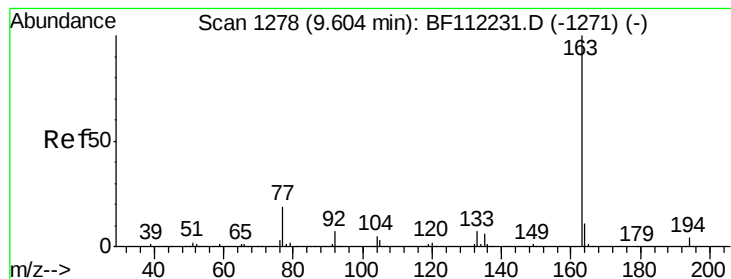
#45
 2-Fluorobiphenyl
 Concen: 30.212 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Tgt Ion:172 Resp: 361706
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.5 45.7
 170 23.3 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: 2.131 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

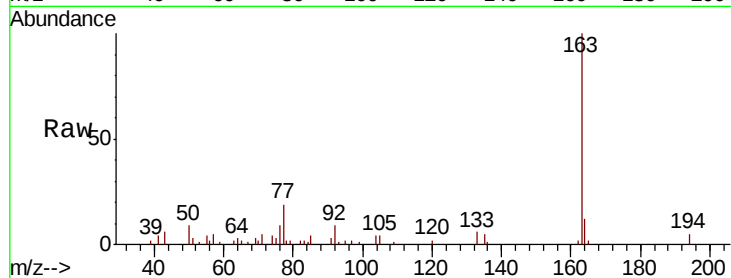
Tgt Ion:163 Resp: 28038

Ion Ratio Lower Upper

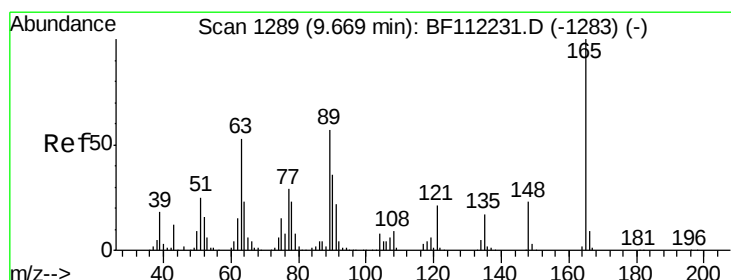
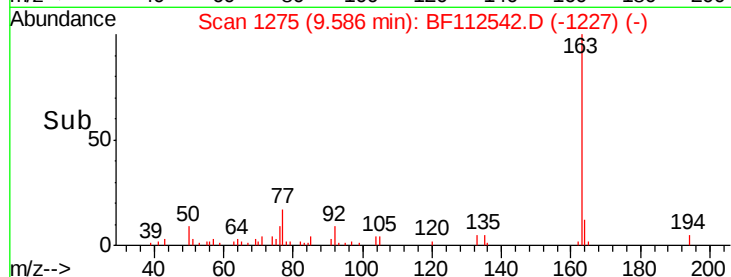
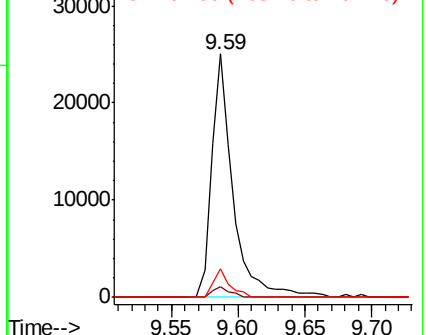
163 100

194 4.5 3.3 4.9

164 11.5 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



#51

2,6-Dinitrotoluene

Concen: 7.337 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

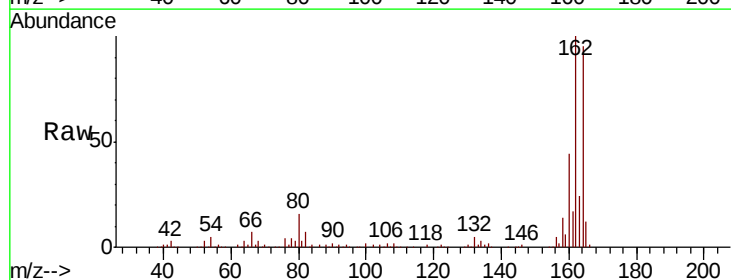
Tgt Ion:165 Resp: 21619

Ion Ratio Lower Upper

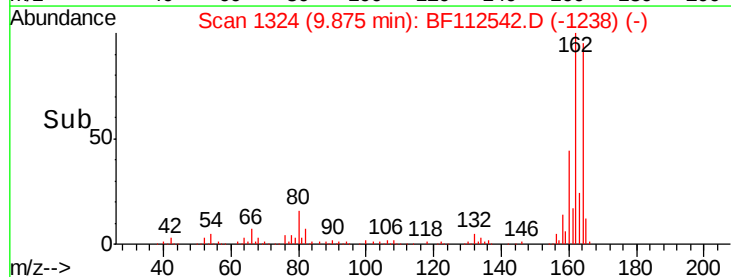
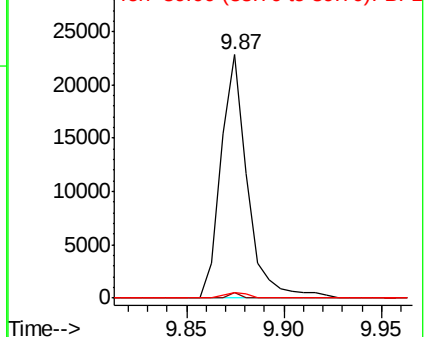
165 100

63 2.2 33.8 50.8#

89 2.1 36.9 55.3#



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

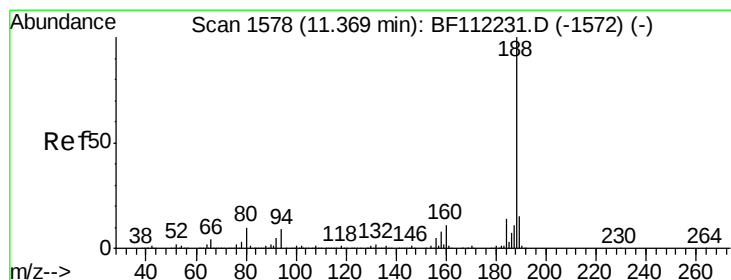
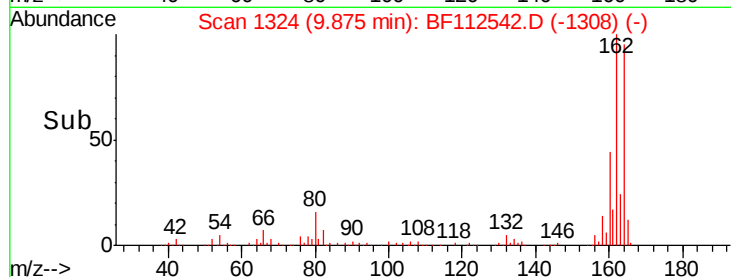
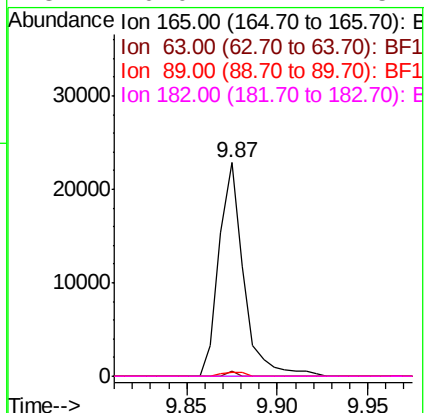
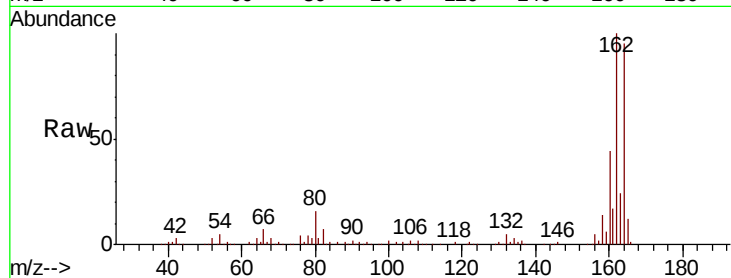




#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

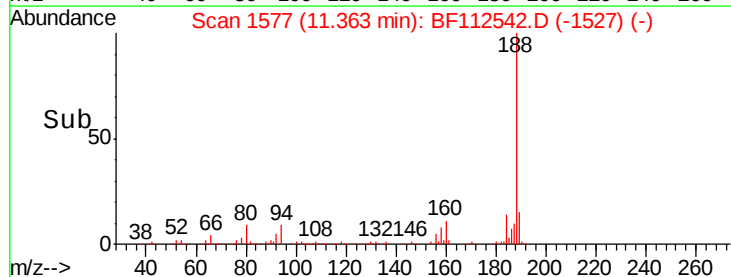
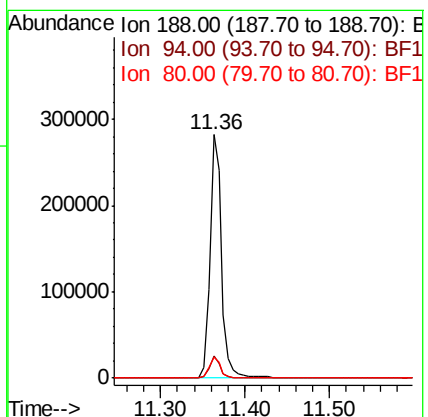
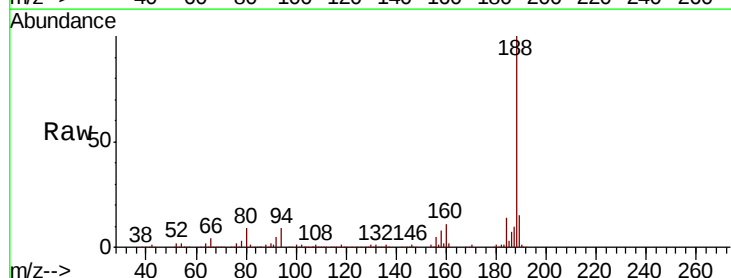
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

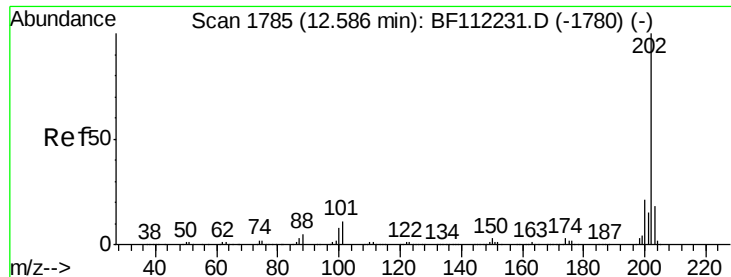
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	8.7	8.9	13.3#





#75

Fluoranthene

Concen: 2.348 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

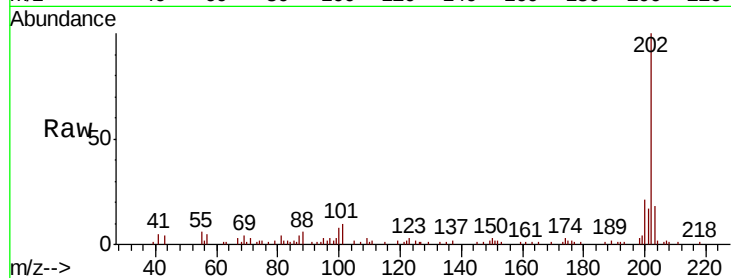
Tgt Ion: 202 Resp: 35668

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.8

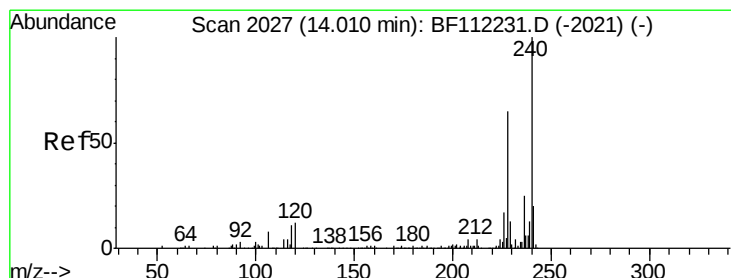
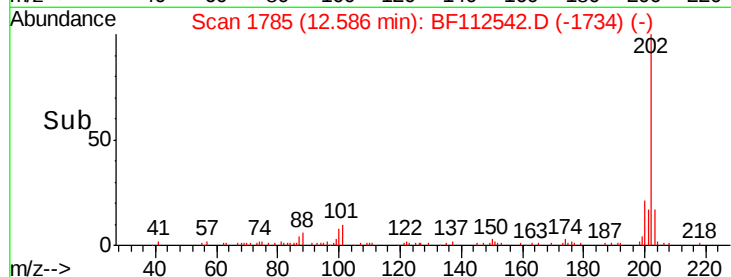
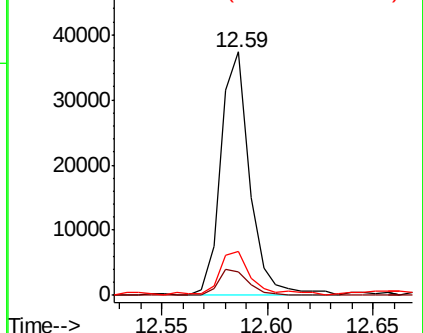
203 17.9 0.0 38.4



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: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

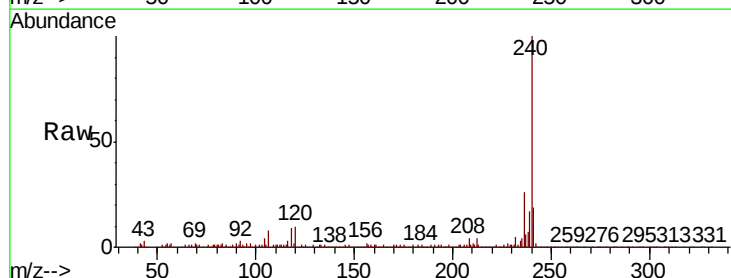
Tgt Ion: 240 Resp: 236424

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

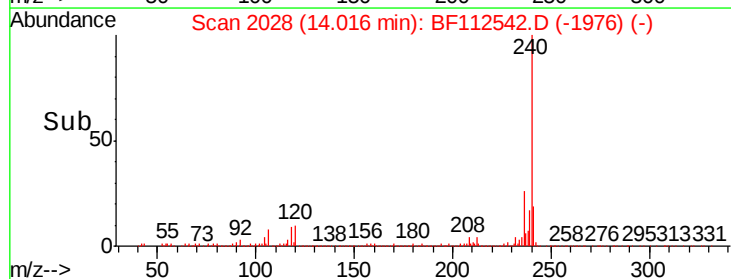
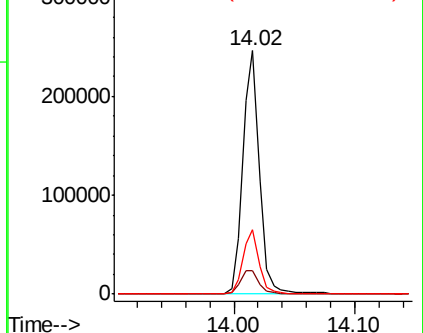
236 26.4 20.7 31.1

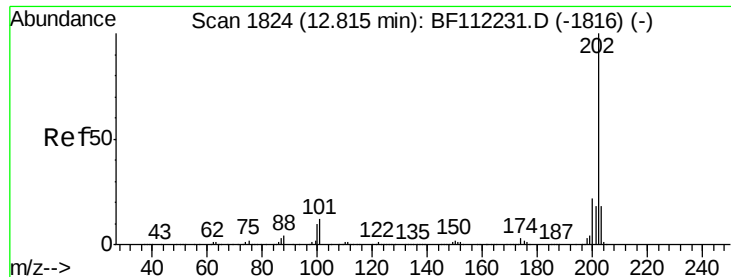


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

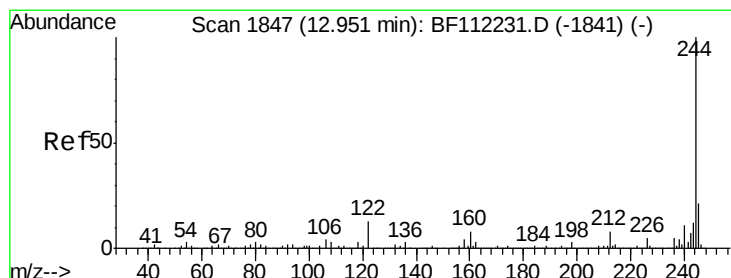
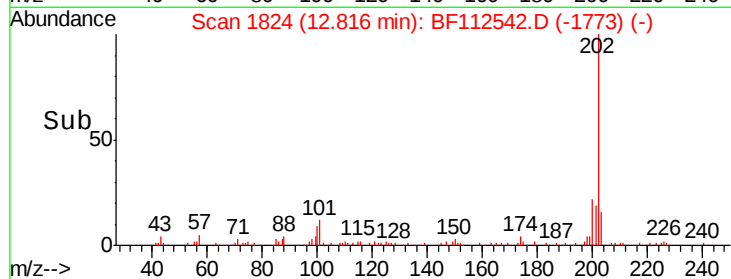
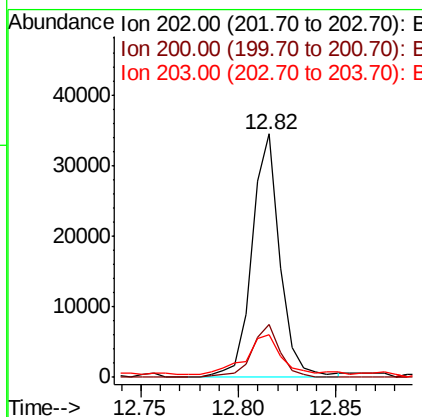
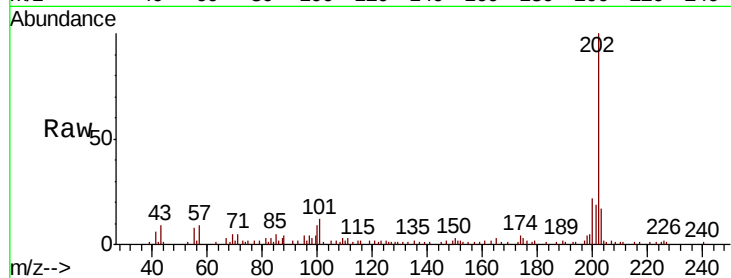




#78
 Pyrene
 Concen: 2.097 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

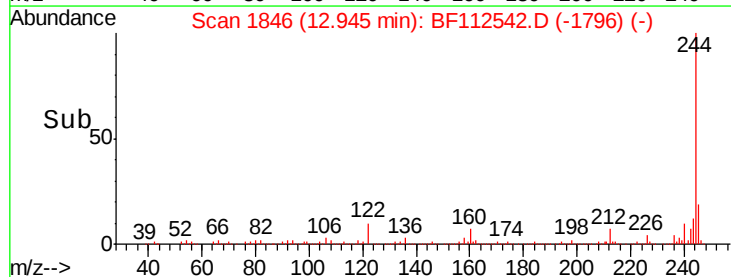
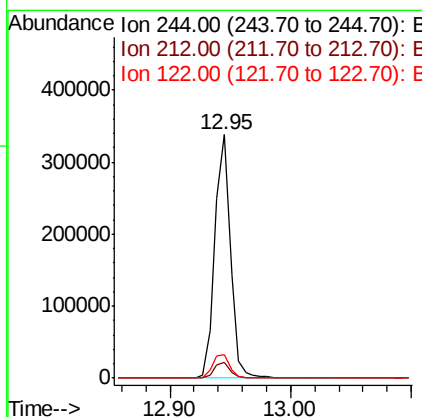
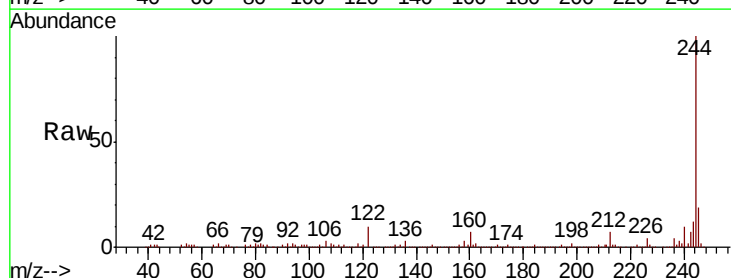
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-N

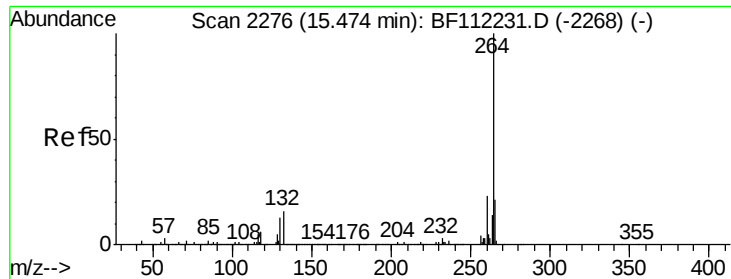
Tgt Ion: 202 Resp: 34318
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.7 26.5
 203 17.4 14.6 22.0



#79
 Terphenyl-d14
 Concen: 23.866 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112542.D
 Acq: 13 Feb 2019 16:46

Tgt Ion: 244 Resp: 299580
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.8 9.8 14.6

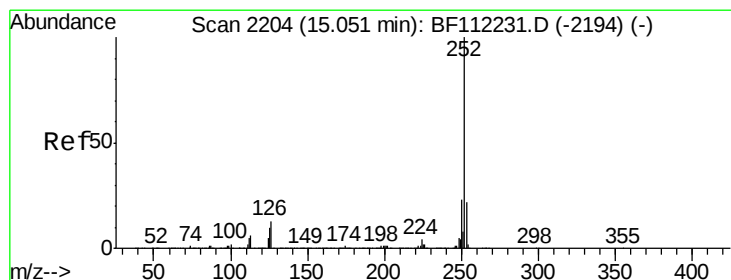
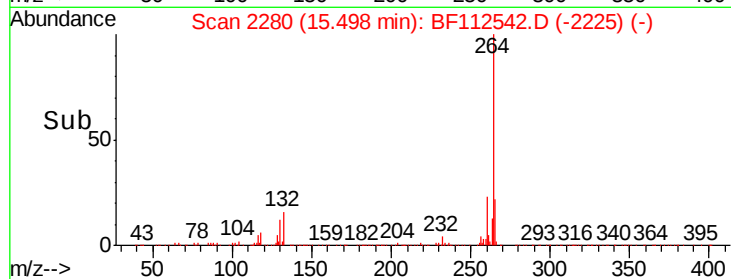
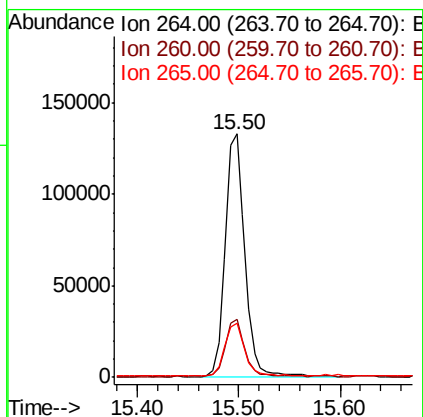
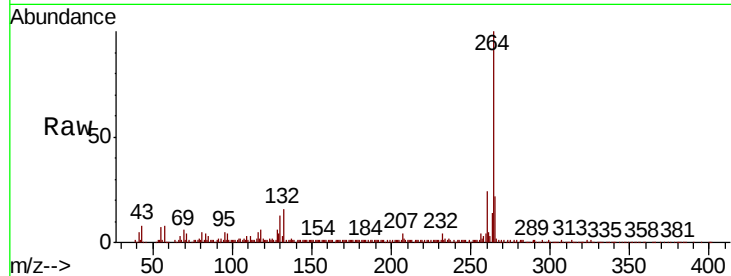




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

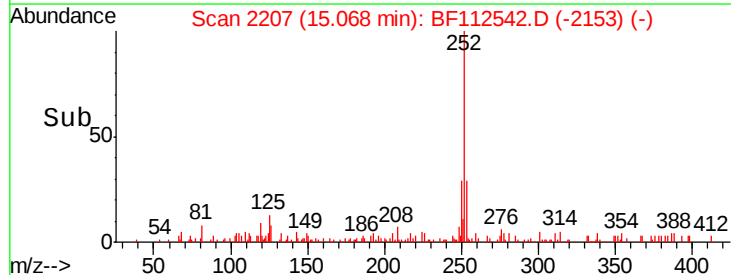
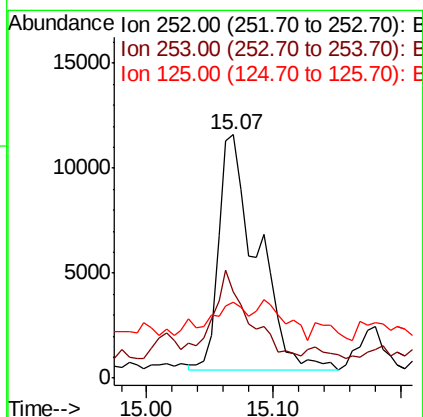
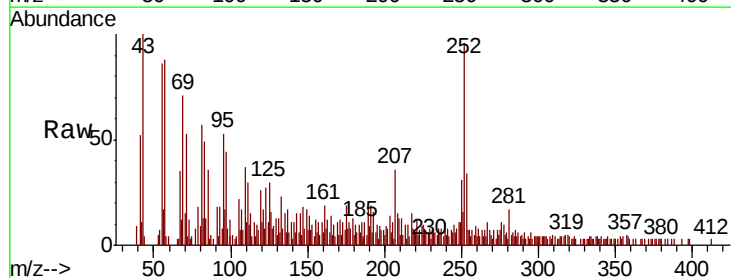
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

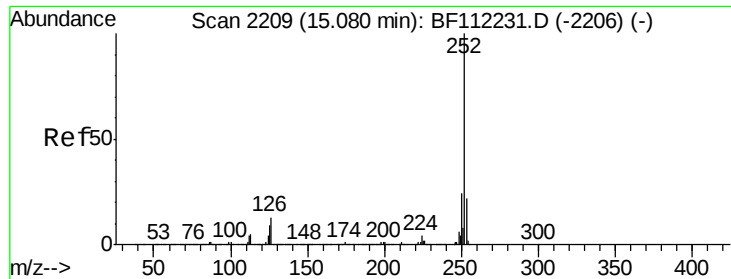
Tgt Ion:264 Resp: 176662
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.2
265 22.0 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 2.234 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:252 Resp: 23604
Ion Ratio Lower Upper
252 100
253 35.3 18.0 27.0#
125 31.1 8.7 13.1#





#89

Benzo(k)fluoranthene

Concen: 2.332 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112542.D

Acq: 13 Feb 2019 16:46

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-N

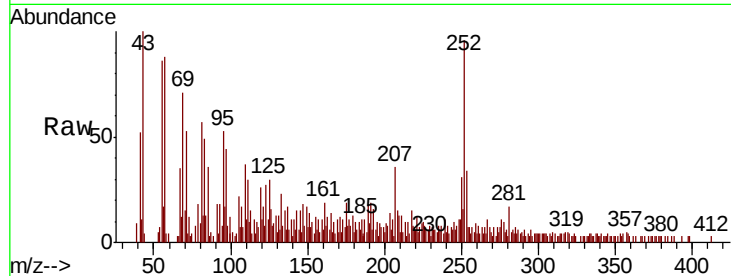
Tgt Ion: 252 Resp: 23604

Ion Ratio Lower Upper

252 100

253 35.3 18.0 27.0#

125 31.1 9.1 13.7#



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

