

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112650.D
 Acq On : 21 Feb 2019 14:08
 Operator : JU/SJ
 Sample : K1547-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 15:32:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 21 12:57:17 2019
 Response via : Initial Calibration

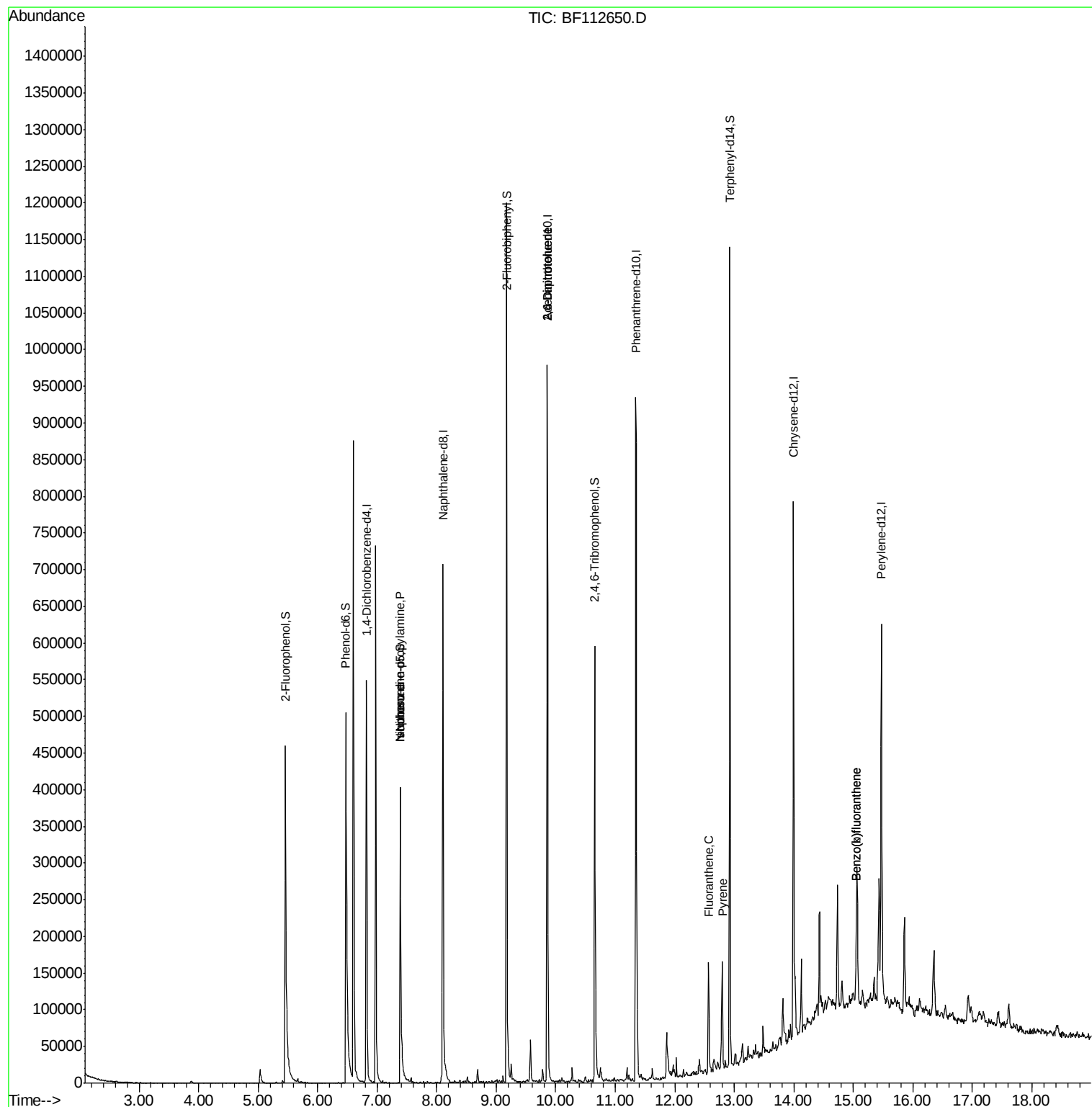
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93195	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	391700	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	195886	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	381286	20.00	ng	0.00
76) Chrysene-d12	14.00	240	254677	20.00	ng	0.00
87) Perylene-d12	15.47	264	241400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	200100	45.61	ng	0.00
7) Phenol-d6	6.47	99	267251	43.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	174660	25.69	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	95384	41.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	389103	28.09	ng	0.00
79) Terphenyl-d14	12.93	244	386468	28.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	22994	5.470	ng	# 75
25) Isophorone	7.39	82	174658	16.377	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	25880	7.593	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	25880	5.964	ng	# 32
75) Fluoranthene	12.57	202	64366	3.027	ng	95
78) Pyrene	12.80	202	63008	3.573	ng	98
88) Benzo(b)fluoranthene	15.04	252	44982	3.116	ng	# 95
89) Benzo(k)fluoranthene	15.04	252	44982	3.253	ng	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112650.D
Acq On : 21 Feb 2019 14:08
Operator : JU/SJ
Sample : K1547-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 21 15:32:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 21 12:57:17 2019
Response via : Initial Calibration



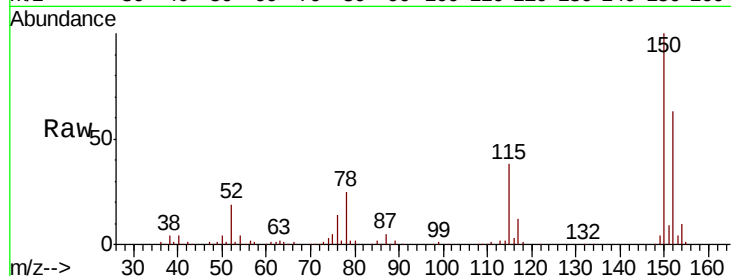


#1

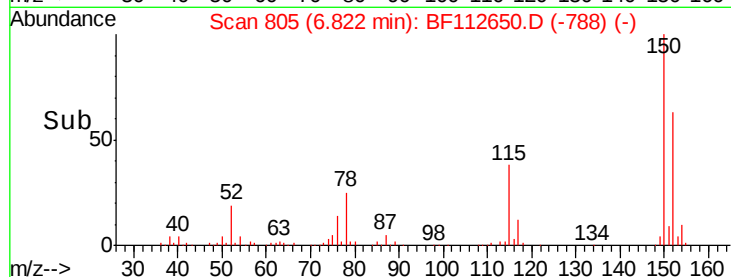
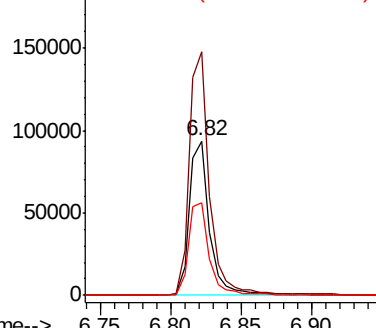
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93195
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 59.8 45.5 68.3



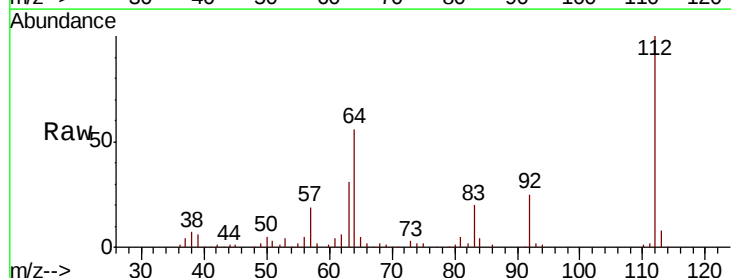
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



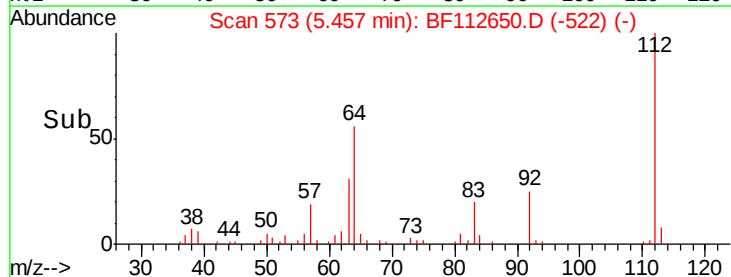
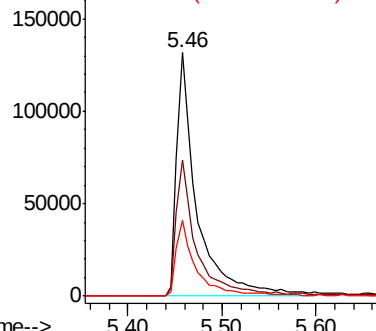
#5

2-Fluorophenol
Concen: 45.606 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:112 Resp: 200100
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 31.0 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: 43.835 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Instrument :

BNA_F

ClientSampled :

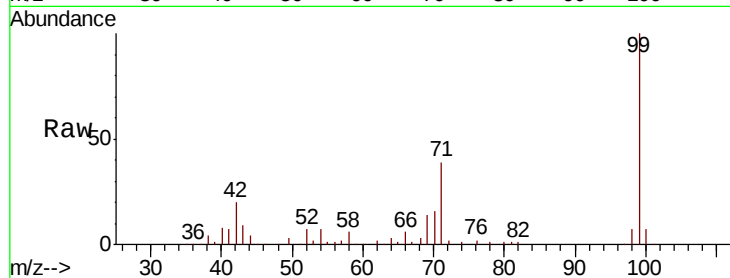
Tot Ion: 99 Resp: 267251

Ion Ratio Lower Upper

99 100

42 19.7 15.1 22.7

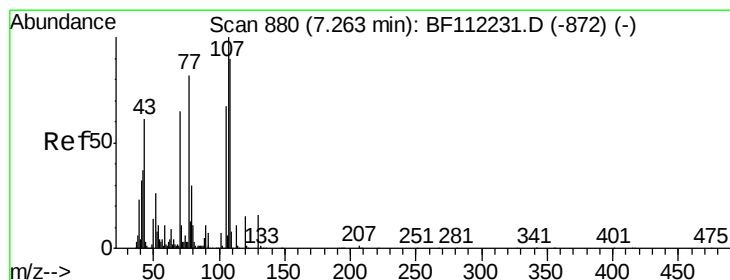
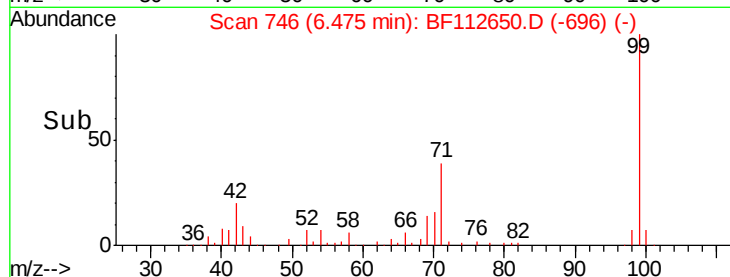
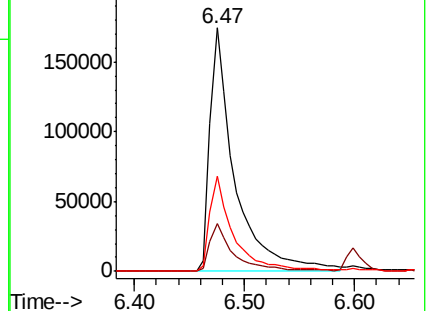
71 39.3 26.9 40.3



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: 5.470 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Tgt Ion: 70 Resp: 22994

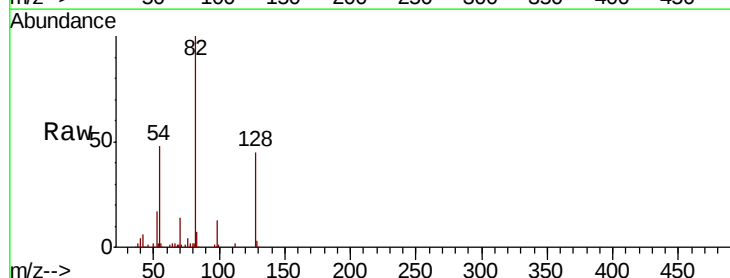
Ion Ratio Lower Upper

70 100

42 46.2 47.6 71.4#

101 0.0 7.9 11.9#

130 2.4 18.4 27.6#

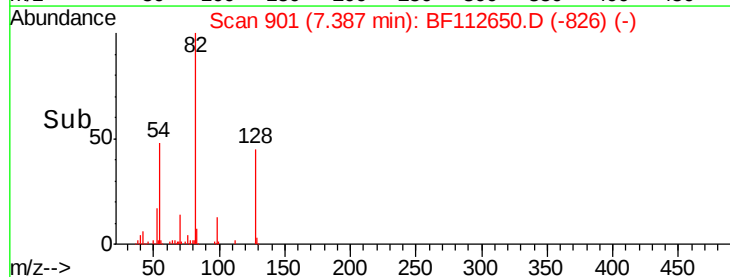
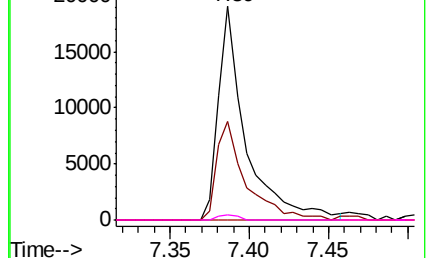


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

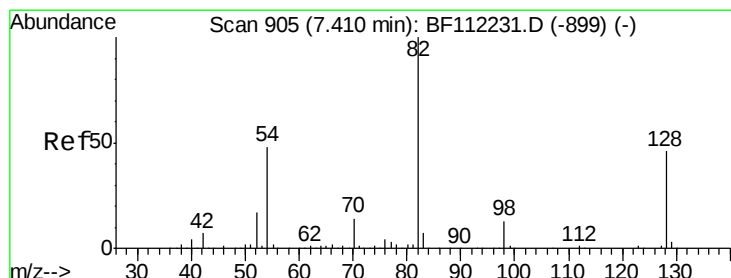
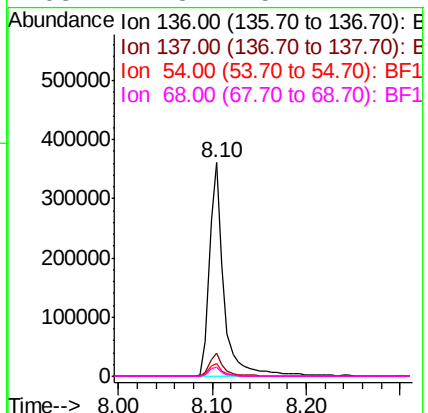
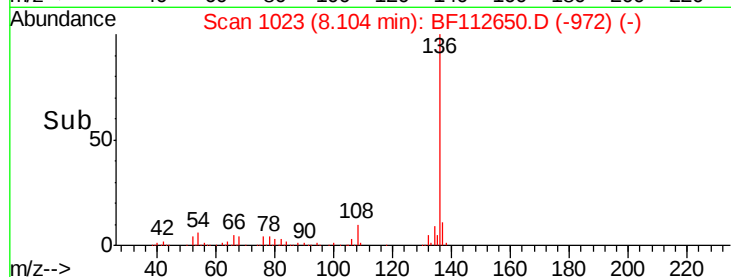
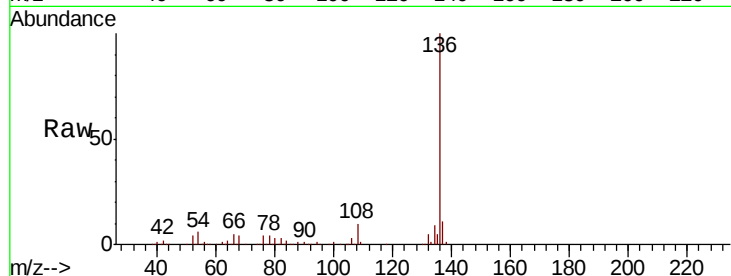




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

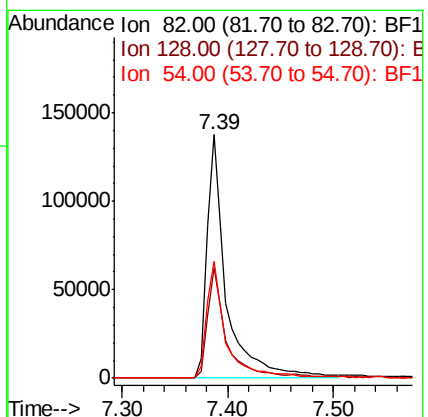
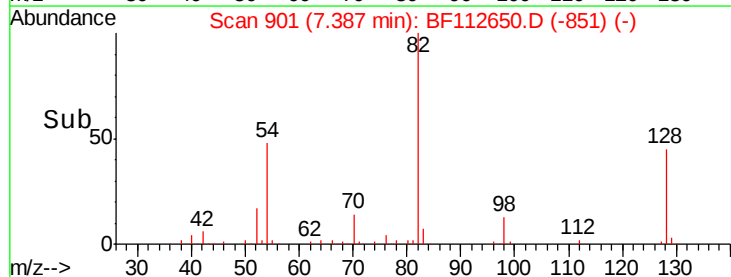
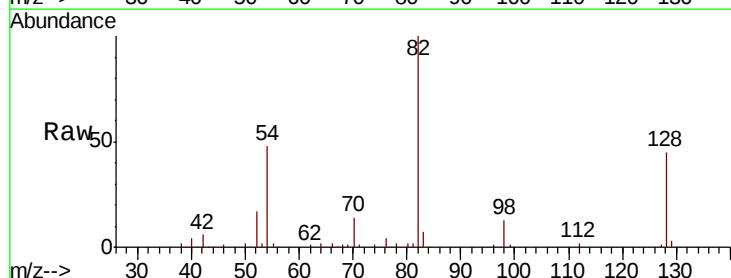
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	391700
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	5.7	5.9 8.9#
68	4.3	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 25.693 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion: 82	Resp:	174660
Ion Ratio	Lower	Upper
82	100	
128	45.2	37.8 56.8
54	48.2	39.7 59.5





#25

Isophorone

Concen: 16.377 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Instrument :

BNA_F

ClientSampleId :

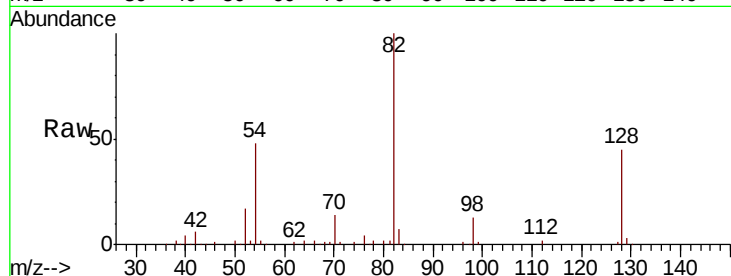
Tot Ion: 82 Resp: 174658

Ion Ratio Lower Upper

82 100

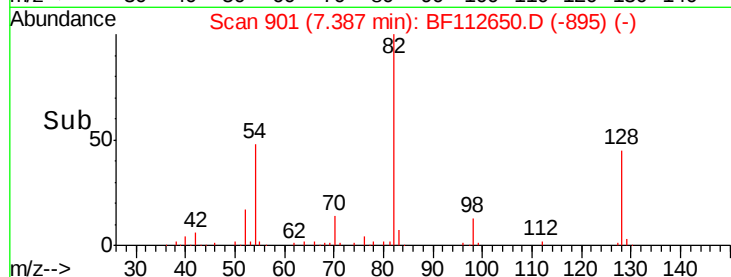
95 0.0 5.7 8.5#

138 0.0 15.4 23.0#

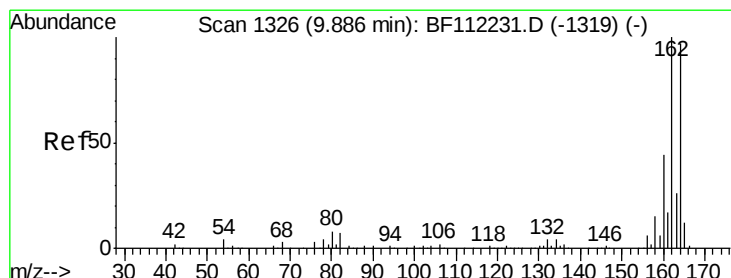


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

7.39



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

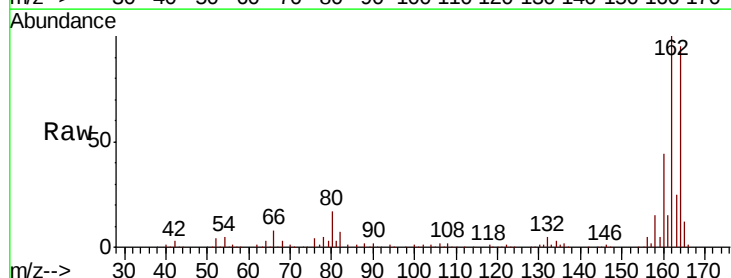
Tgt Ion: 164 Resp: 195886

Ion Ratio Lower Upper

164 100

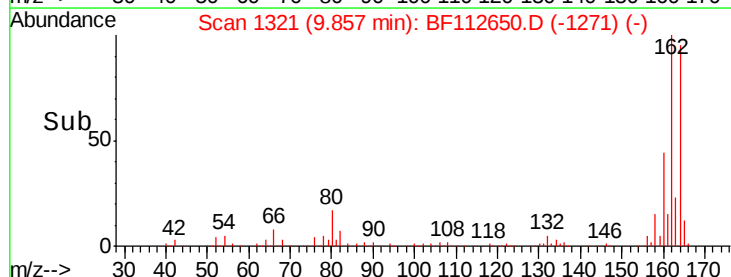
162 104.9 82.2 123.4

160 45.8 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

9.86



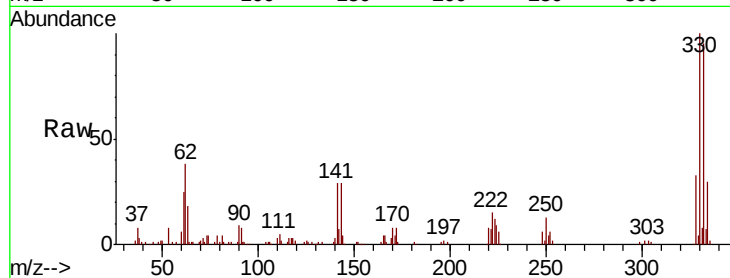
Time-->



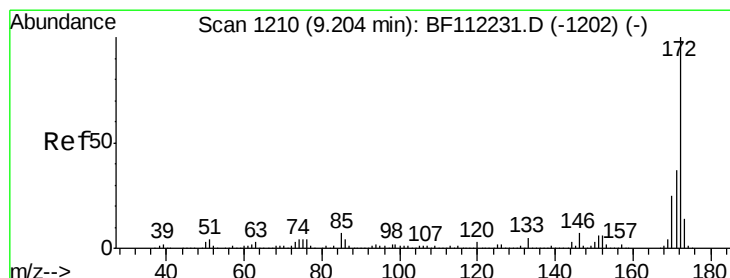
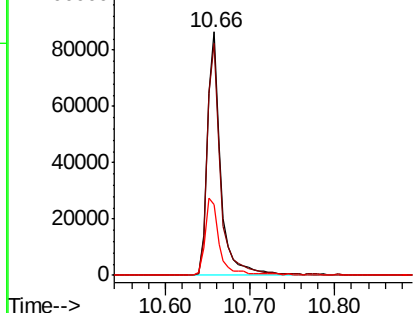
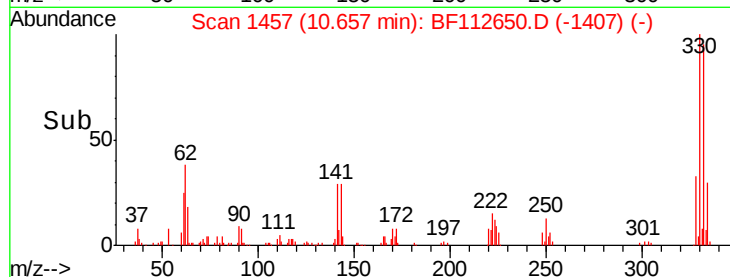
#42
 2,4,6-Tribromophenol
 Concen: 41.834 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 95384
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 33.9 24.3 36.5

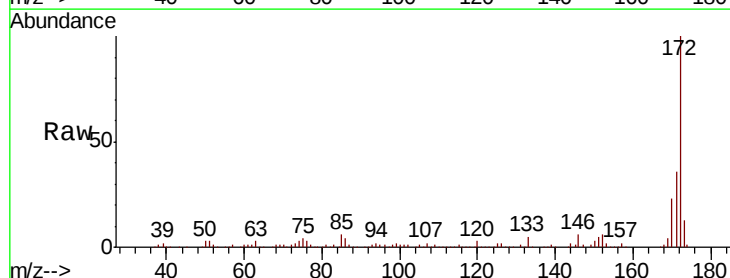


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

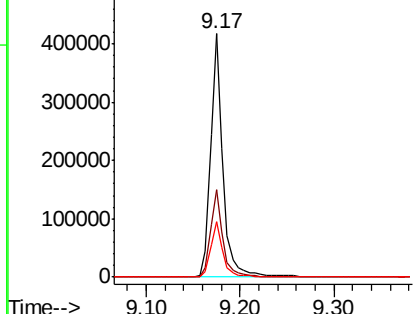
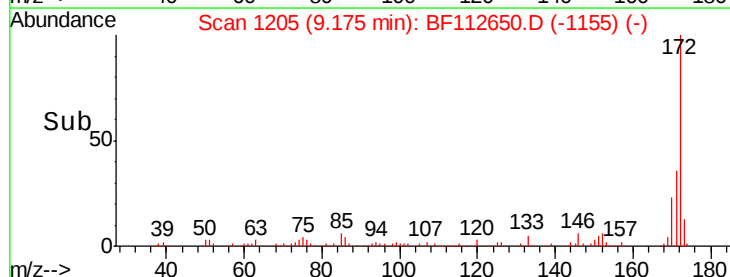


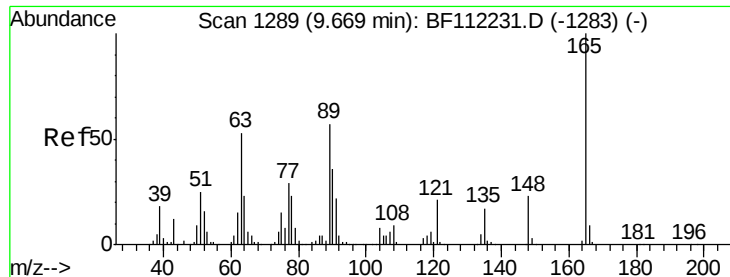
#45
 2-Fluorobiphenyl
 Concen: 28.094 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Tgt Ion:172 Resp: 389103
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.5 45.7
 170 22.7 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





#51

2,6-Dinitrotoluene

Concen: 7.593 ng

RT: 9.86 min Scan# 1321

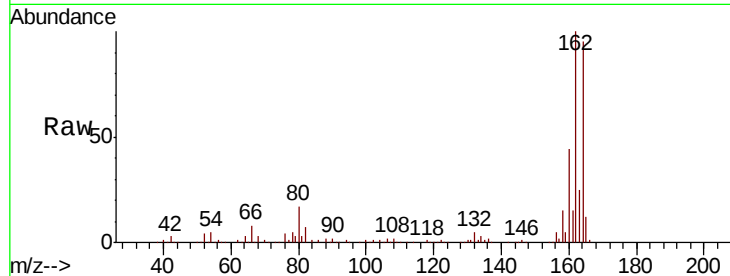
Delta R.T. 0.20 min

Lab File: BF112650.D

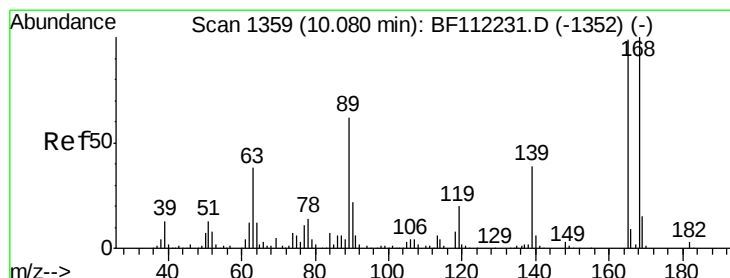
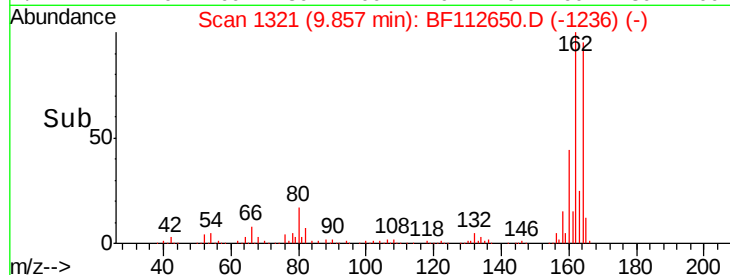
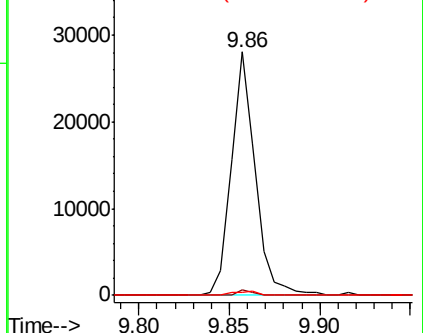
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	25880
Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.8	50.8#
89	1.4	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: 5.964 ng

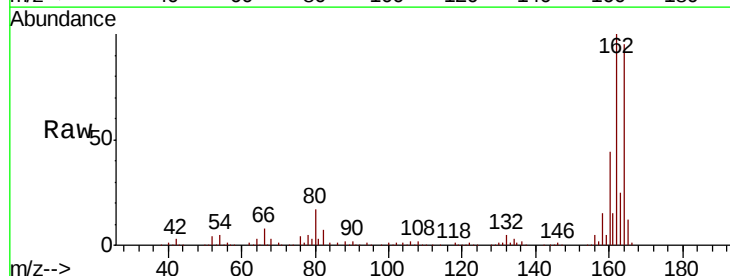
RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

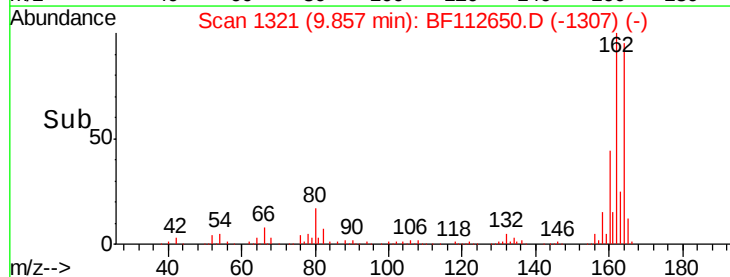
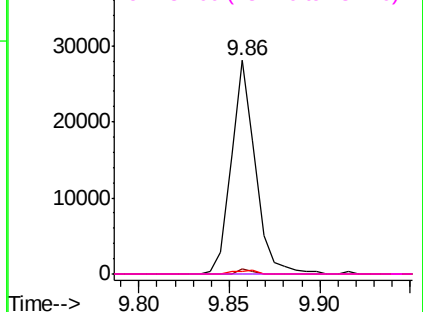
Lab File: BF112650.D

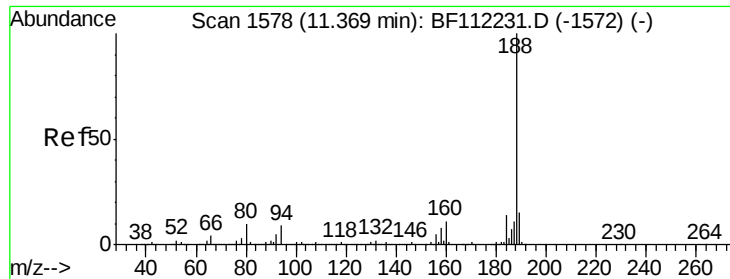
Acq: 21 Feb 2019 14:08

Tgt Ion:	165	Resp:	25880
Ion	Ratio	Lower	Upper
165	100		
63	2.1	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#



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

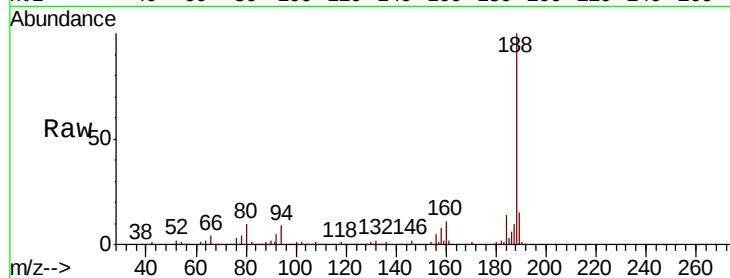




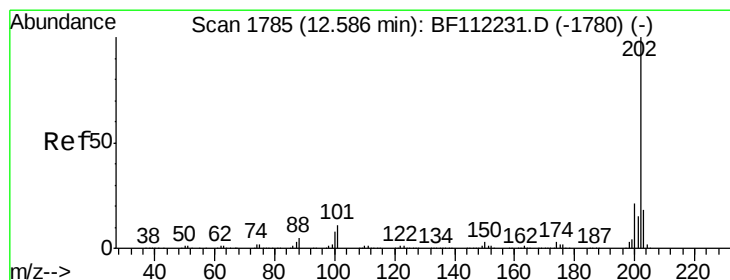
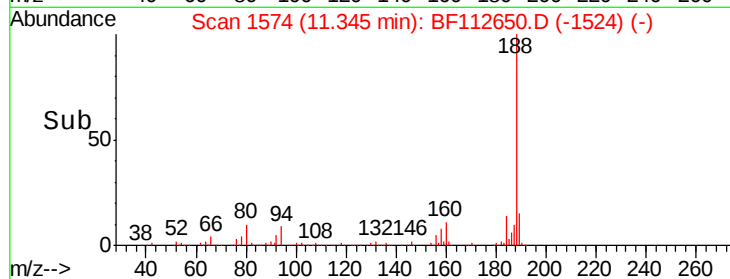
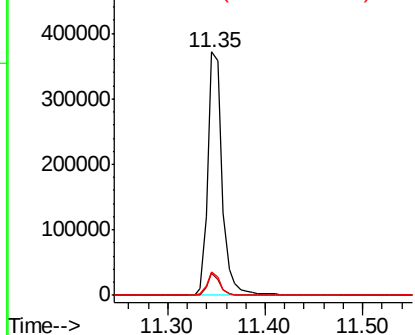
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 381286
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.7 8.9 13.3

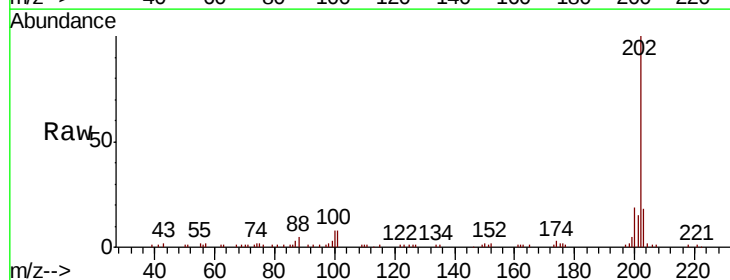


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

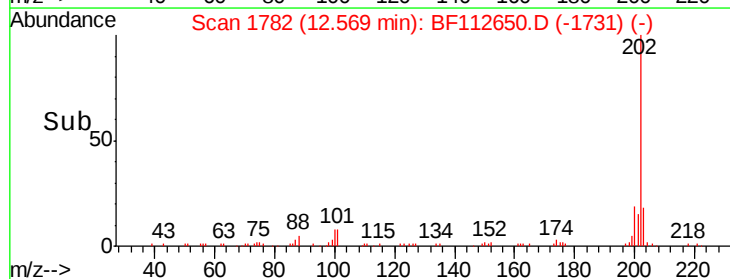
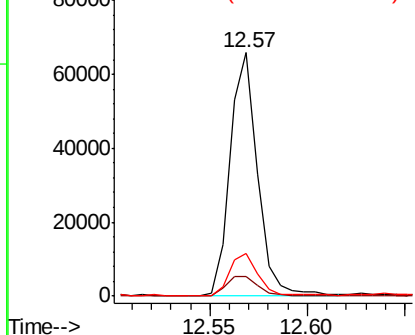


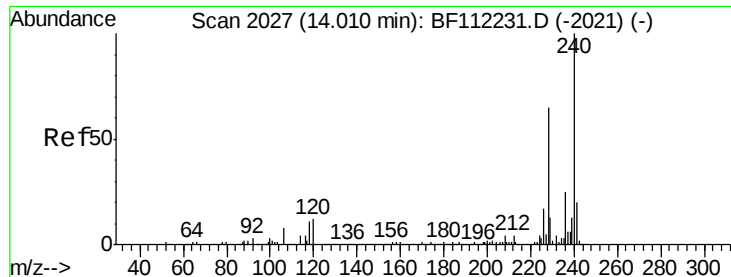
#75
Fluoranthene
Concen: 3.027 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:202 Resp: 64366
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.8
203 17.5 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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Instrument :

BNA_F

ClientSampleId :

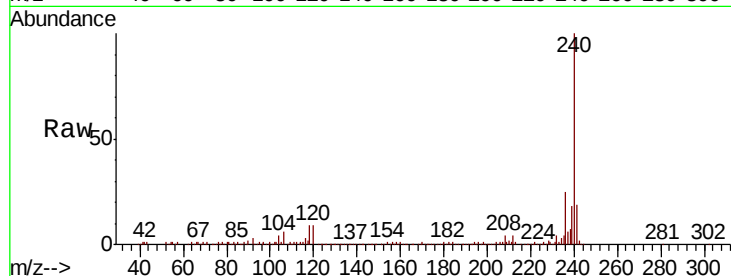
Tot Ion:240 Resp: 254677

Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.6

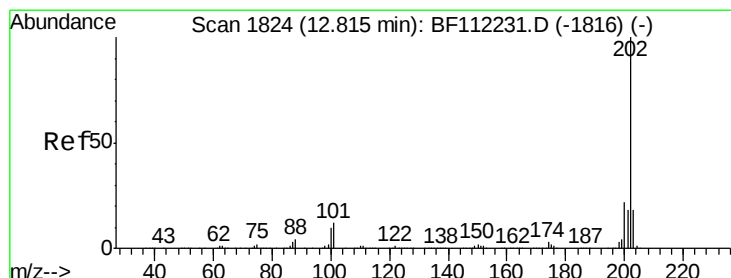
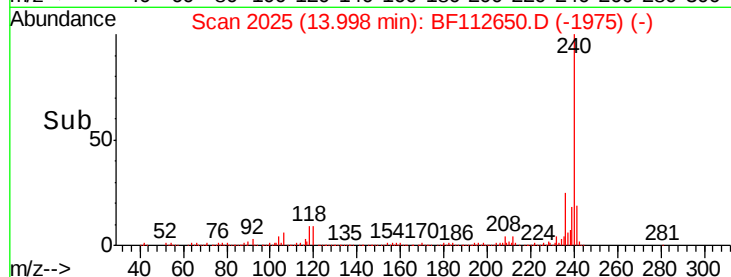
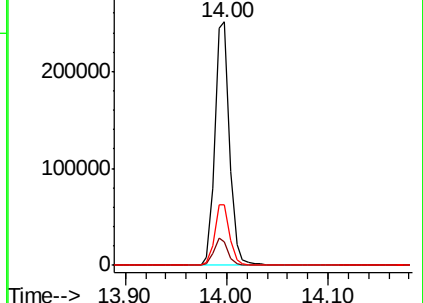
236 24.9 20.7 31.1



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: 3.573 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

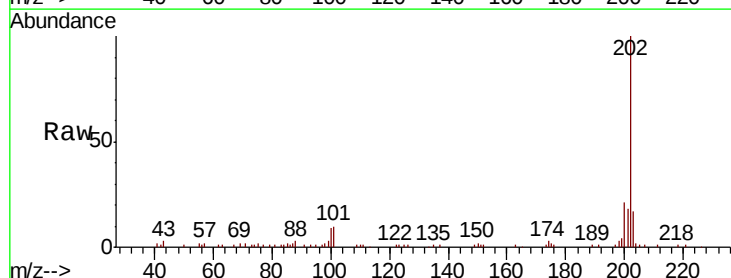
Tgt Ion:202 Resp: 63008

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

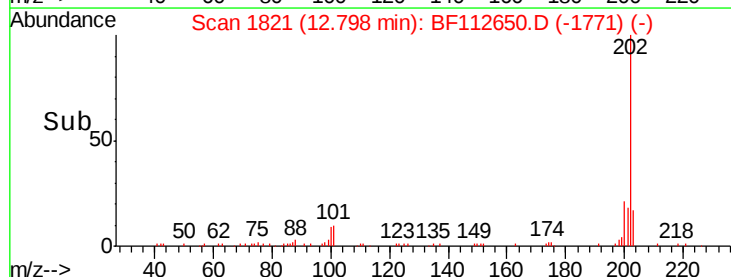
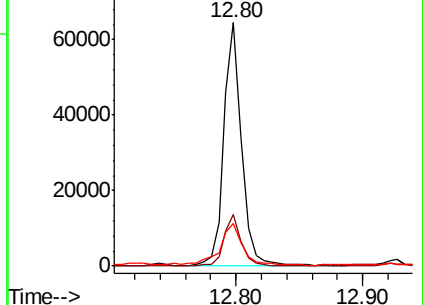
203 17.3 14.6 22.0



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: 28.581 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Instrument :

BNA_F

ClientSampleId :

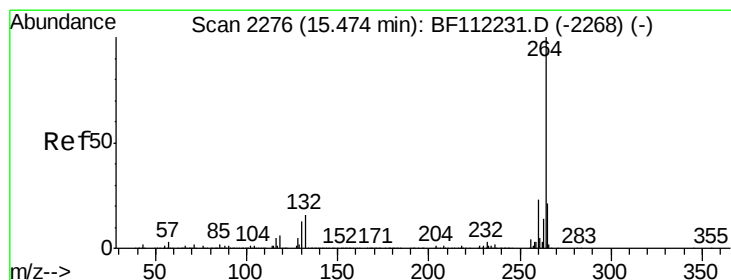
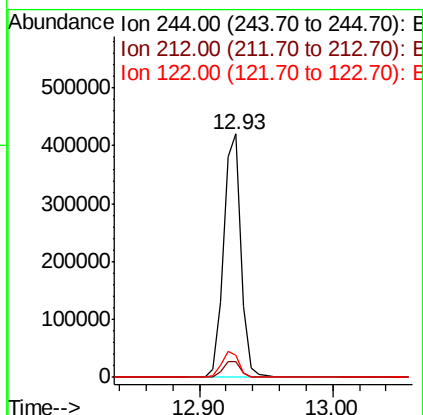
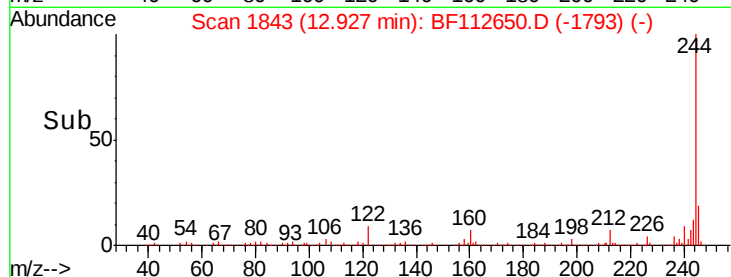
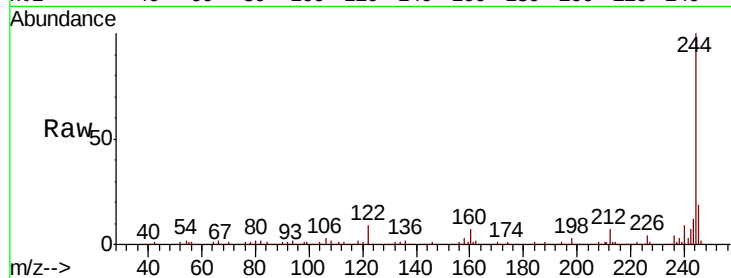
Tot Ion:244 Resp: 386468

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 9.2 9.8 14.6#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

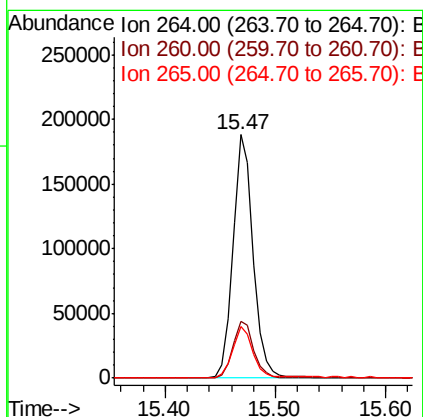
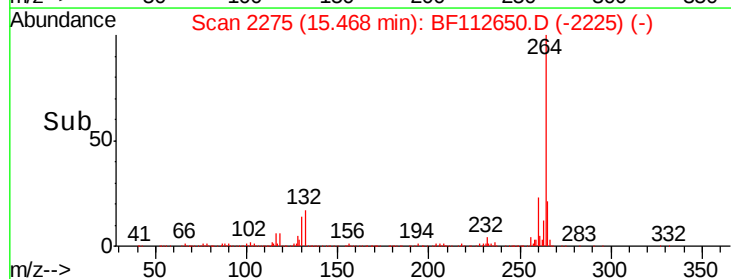
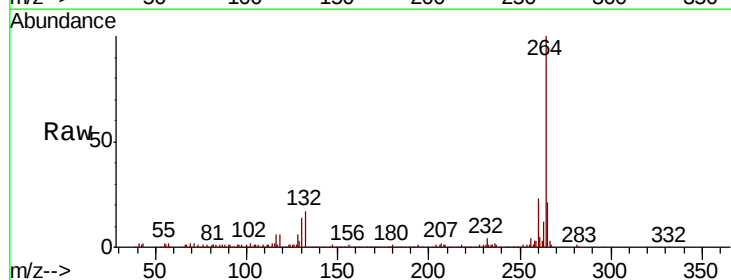
Tgt Ion:264 Resp: 241400

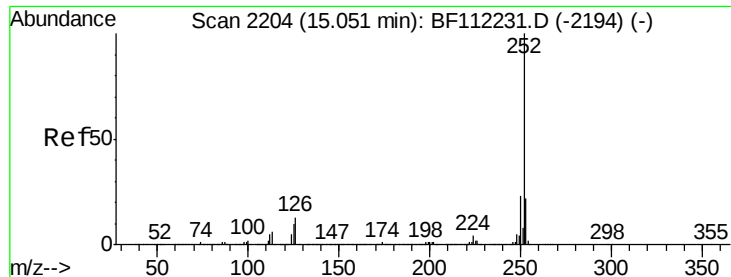
Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 21.5 17.0 25.4

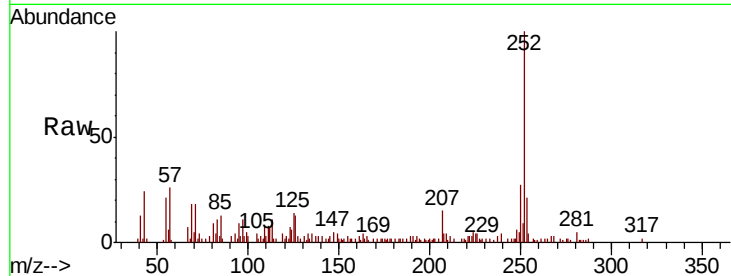




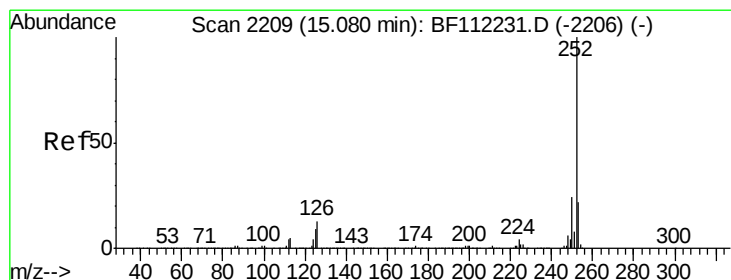
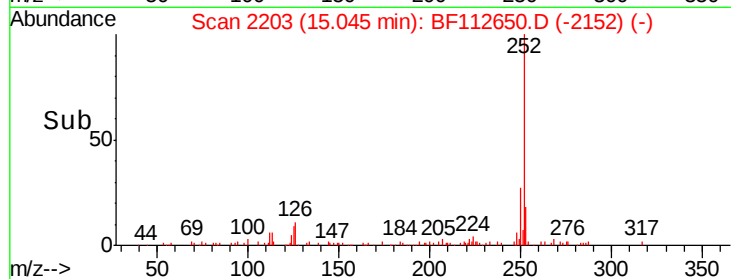
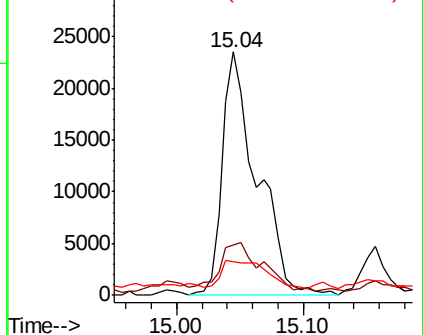
#88
Benzo(b)fluoranthene
Concen: 3.116 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 44982
Ion Ratio Lower Upper
252 100
253 20.5 18.0 27.0
125 13.6 8.7 13.1#

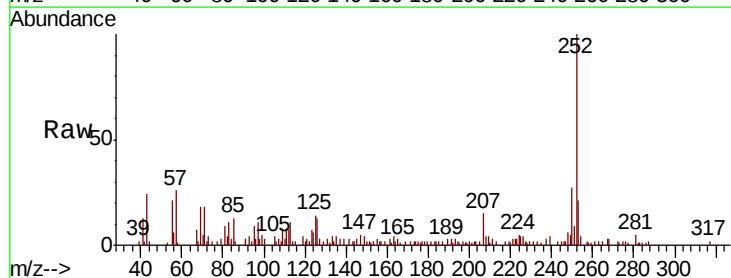


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.253 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.03 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:252 Resp: 44982
Ion Ratio Lower Upper
252 100
253 20.5 18.0 27.0
125 13.6 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

