

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112700.D
 Acq On : 25 Feb 2019 18:46
 Operator : JU/SJ
 Sample : K1596-02 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14

Quant Time: Feb 26 00:08:02 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

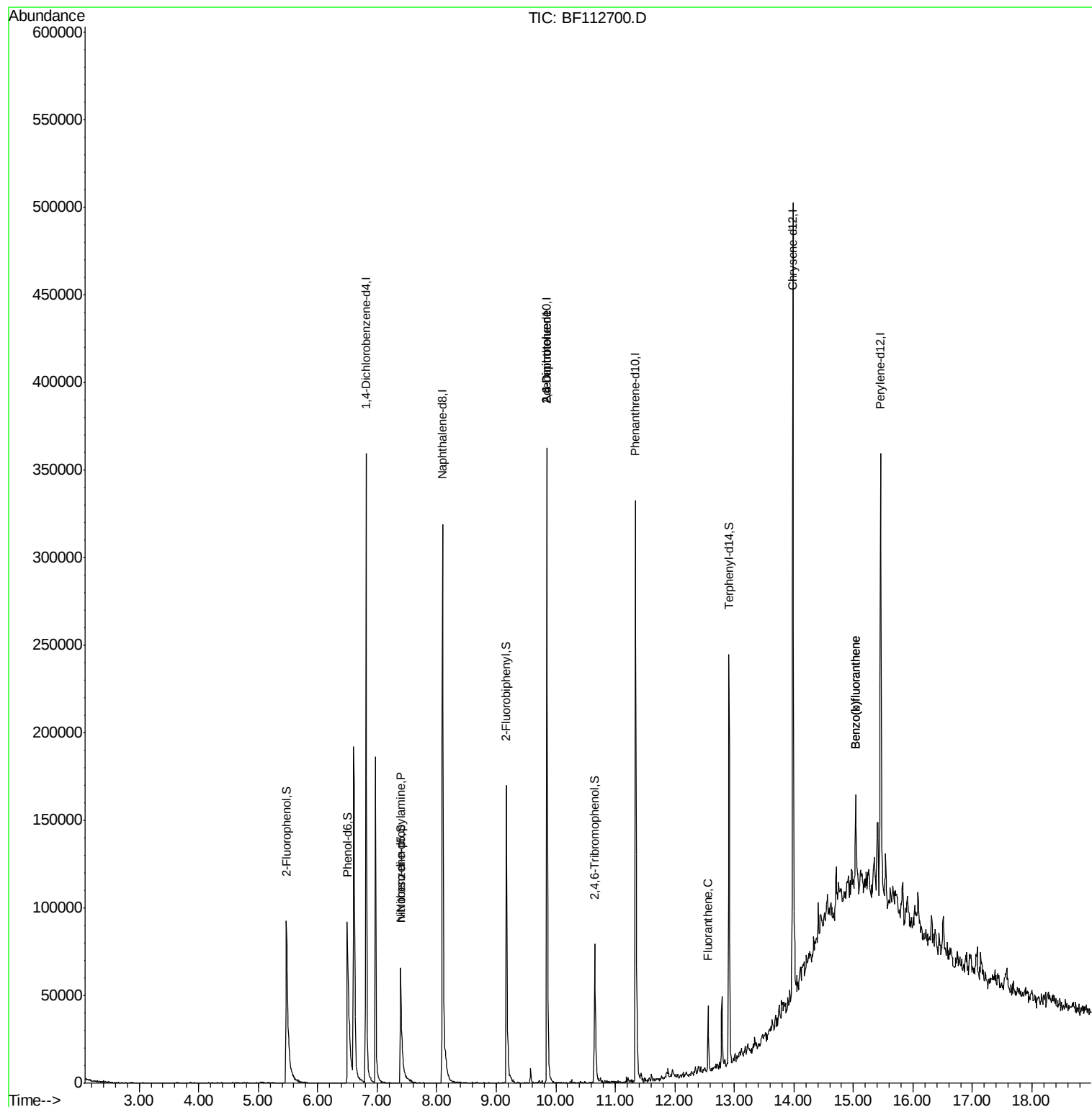
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59862	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	219718	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	88856	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	159101	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	172350	20.00	ng	-0.03
87) Perylene-d12	15.46	264	132044	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	64083	22.74	ng	0.00
7) Phenol-d6	6.50	99	87134	22.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	49639	13.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	16858	16.30	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	83298	13.26	ng	-0.04
79) Terphenyl-d14	12.91	244	78974	8.63	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	6082	2.252	ng	# 71
51) 2,6-Dinitrotoluene	9.85	165	11080	7.166	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	11078	5.628	ng	# 30
75) Fluoranthene	12.56	202	19190	2.163	ng	94
88) Benzo(b)fluoranthene	15.03	252	21042	2.665	ng	# 93
89) Benzo(k)fluoranthene	15.03	252	21042	2.782	ng	# 93

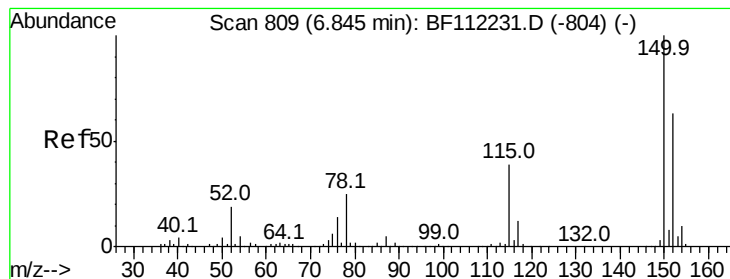
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112700.D
Acq On : 25 Feb 2019 18:46
Operator : JU/SJ
Sample : K1596-02 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-14

Quant Time: Feb 26 00:08:02 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: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-14

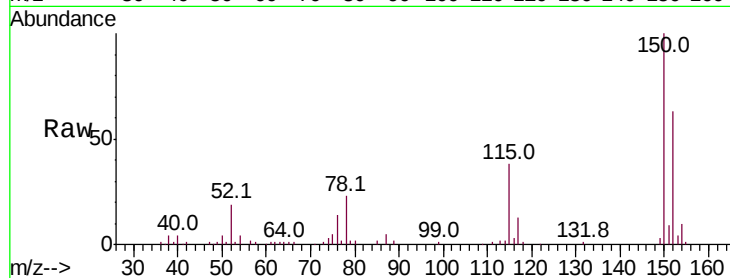
Tot Ion:152 Resp: 59862

Ion Ratio Lower Upper

152 100

150 159.8 127.4 191.0

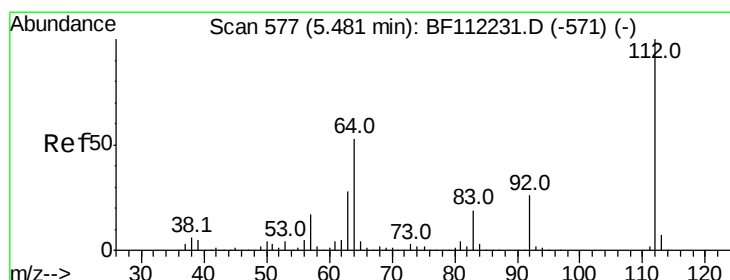
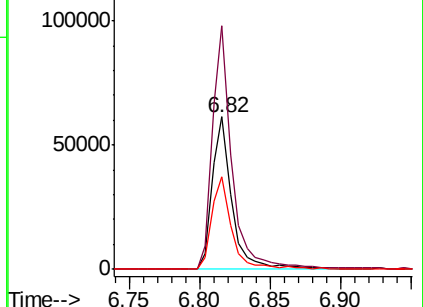
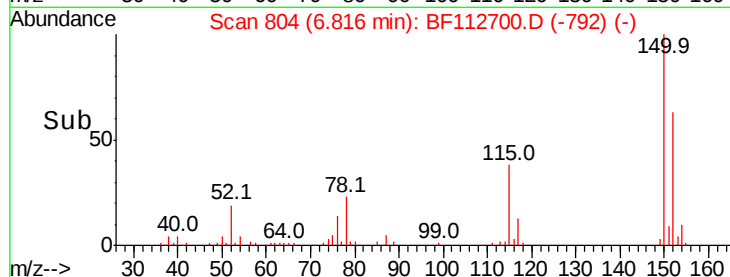
115 60.8 45.5 68.3



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: 22.738 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

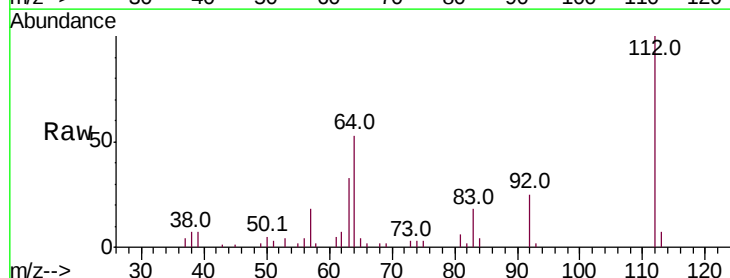
Tgt Ion:112 Resp: 64083

Ion Ratio Lower Upper

112 100

64 52.6 45.7 68.5

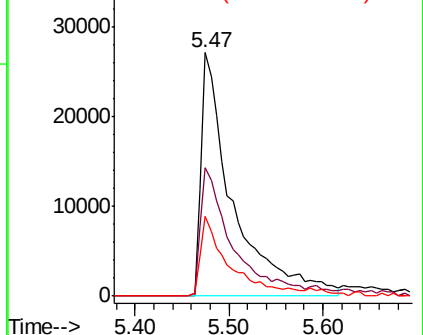
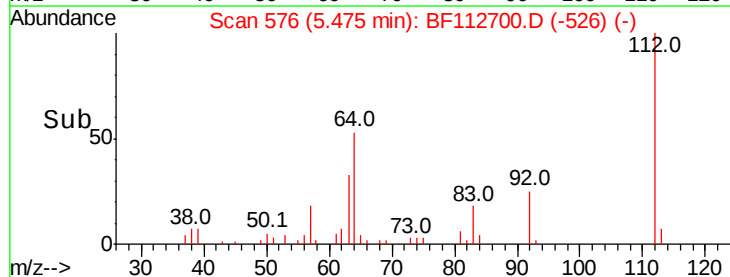
63 32.7 23.6 35.4

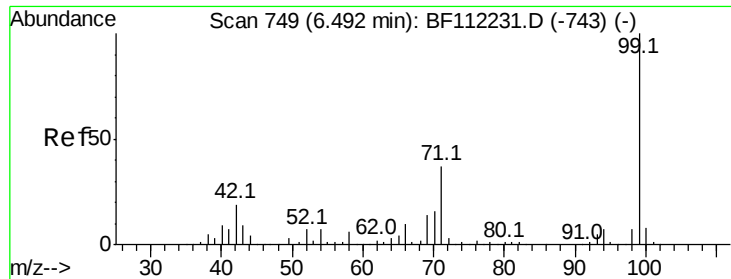


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.250 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

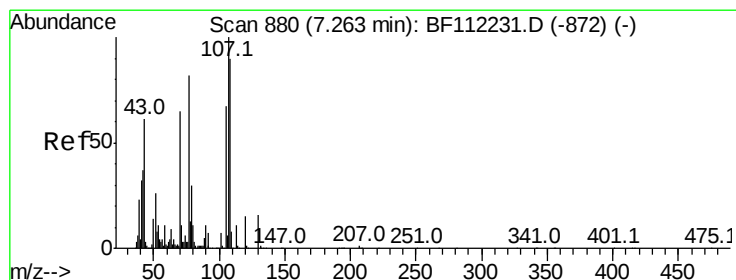
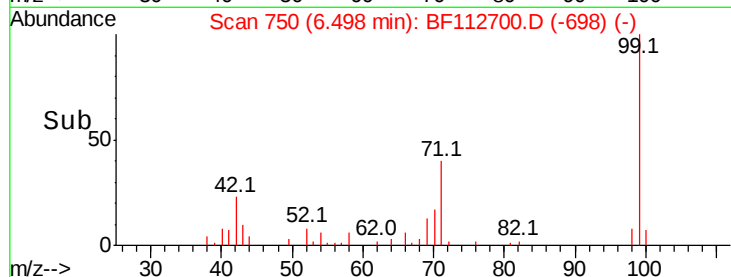
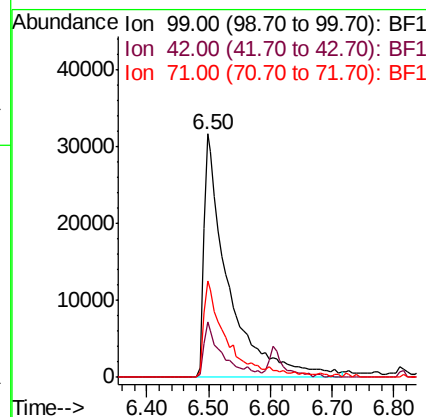
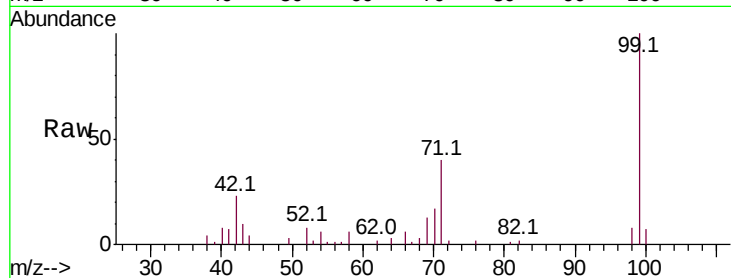
BNA_F

ClientSampleId :

COMP-14

Tot Ion: 99 Resp: 87134

Ion	Ratio	Lower	Upper
99	100		
42	22.7	15.1	22.7#
71	39.9	26.9	40.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.252 ng

RT: 7.40 min Scan# 903

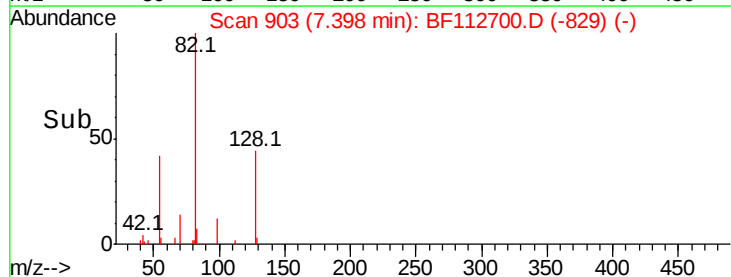
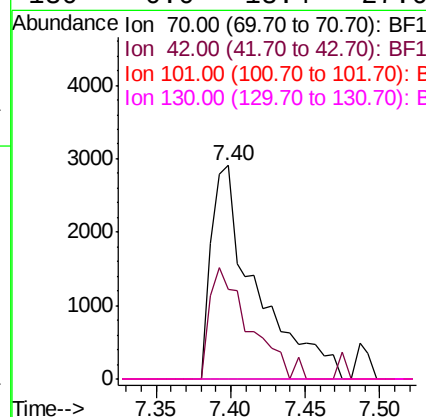
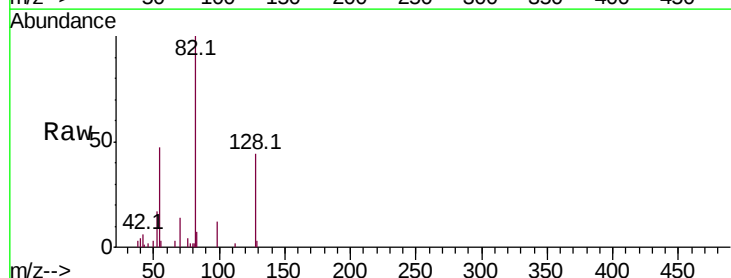
Delta R.T. 0.14 min

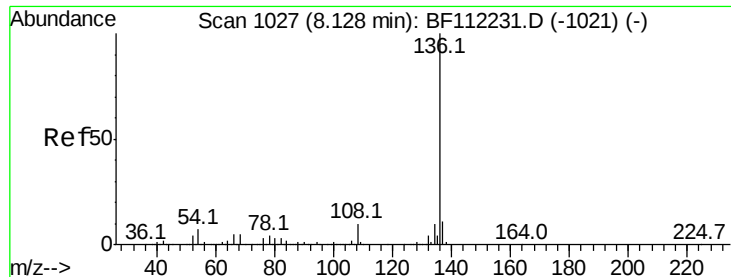
Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Tgt Ion: 70 Resp: 6082

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.6	71.4#
101	0.0	7.9	11.9#
130	0.0	18.4	27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-14

Tot Ion:136 Resp: 219718

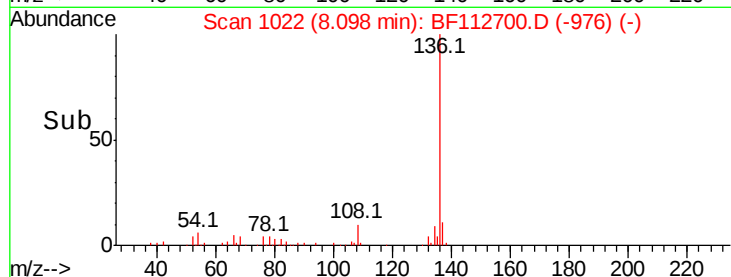
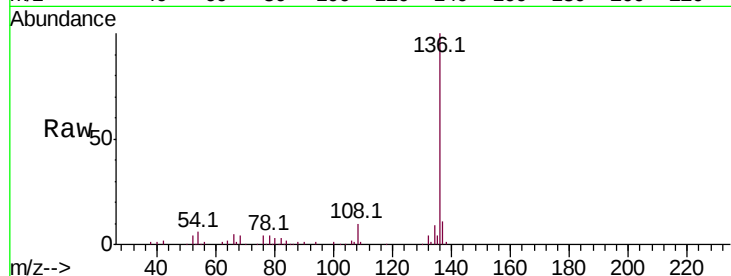
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 5.8 5.9 8.9#

68 4.2 5.1 7.7#

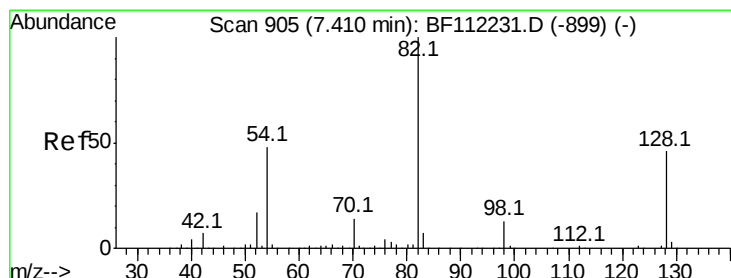
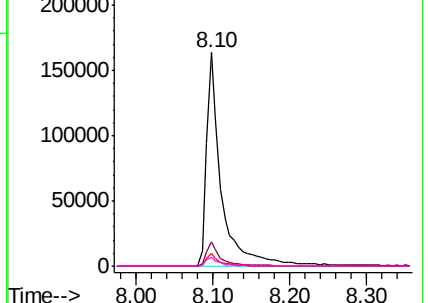


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.018 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

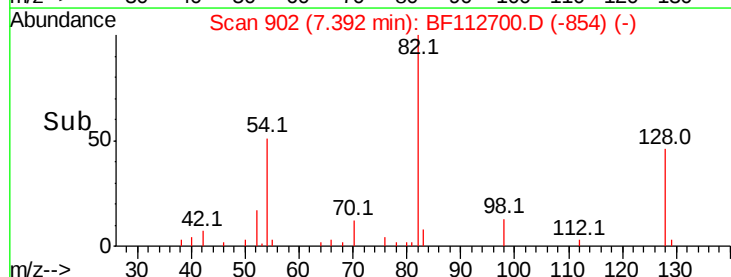
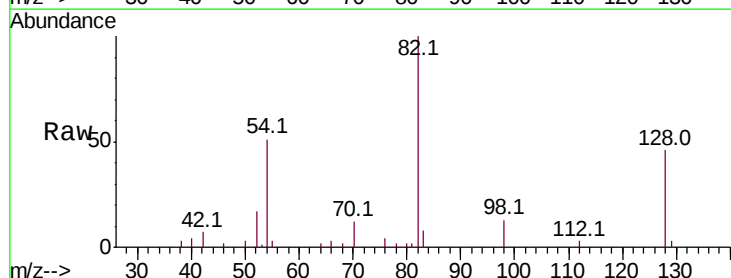
Tgt Ion: 82 Resp: 49639

Ion Ratio Lower Upper

82 100

128 46.1 37.8 56.8

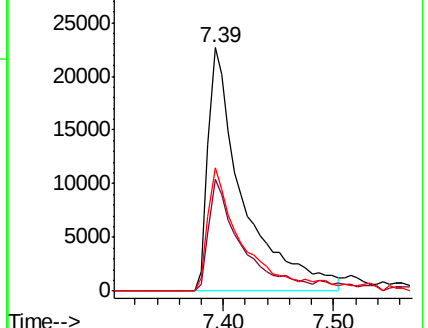
54 50.6 39.7 59.5

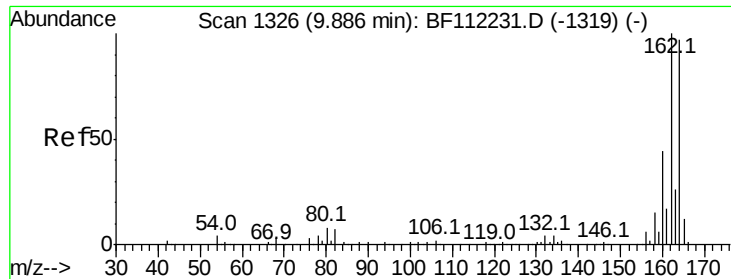


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

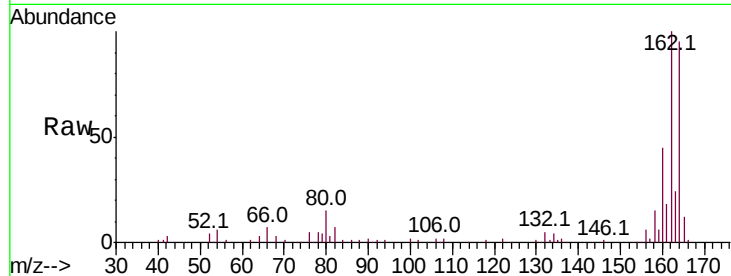




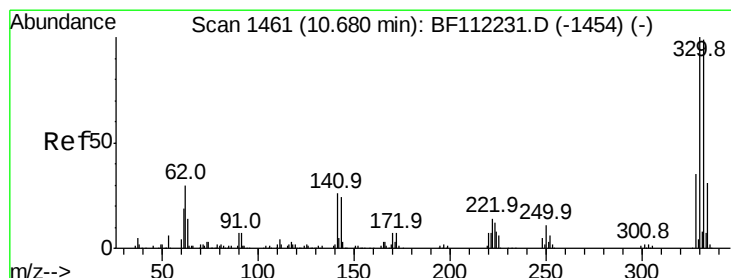
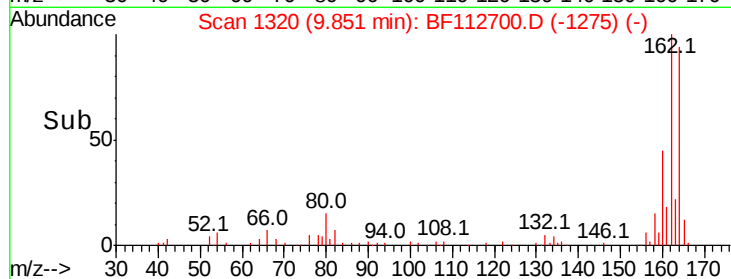
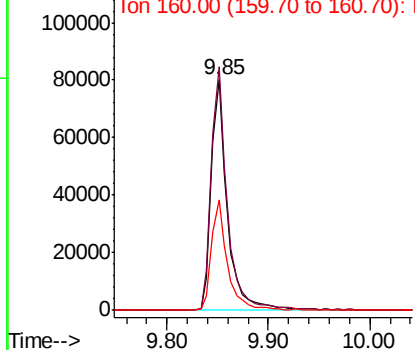
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Instrument :
BNA_F
ClientSampled :
COMP-14

Tot Ion:164 Resp: 88856
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.4
160 47.9 36.2 54.4

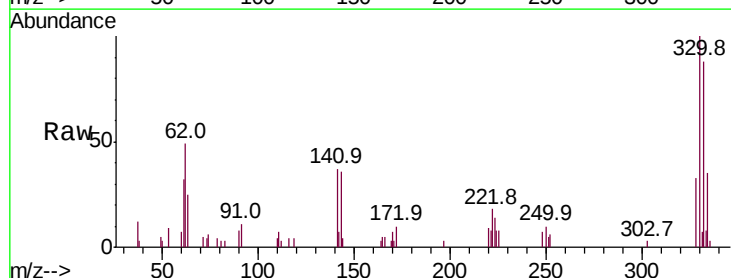


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

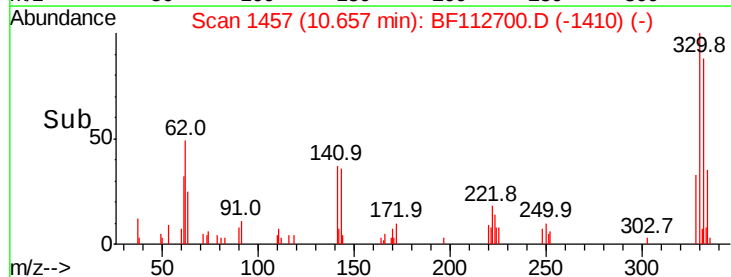
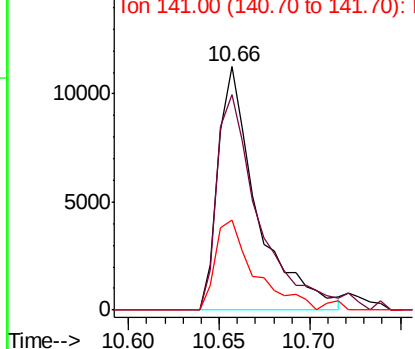


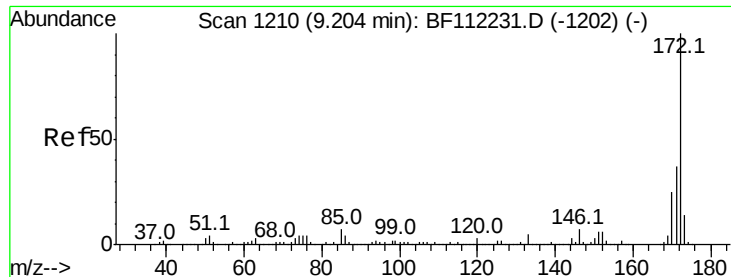
#42
2,4,6-Tribromophenol
Concen: 16.300 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Tgt Ion:330 Resp: 16858
Ion Ratio Lower Upper
330 100
332 98.4 76.6 114.8
141 37.2 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: 13.259 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-14

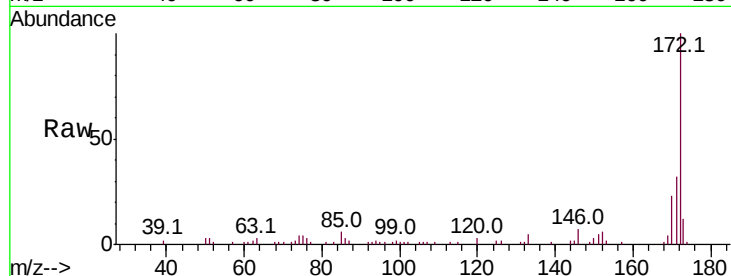
Tot Ion:172 Resp: 83298

Ion Ratio Lower Upper

172 100

171 31.8 30.5 45.7

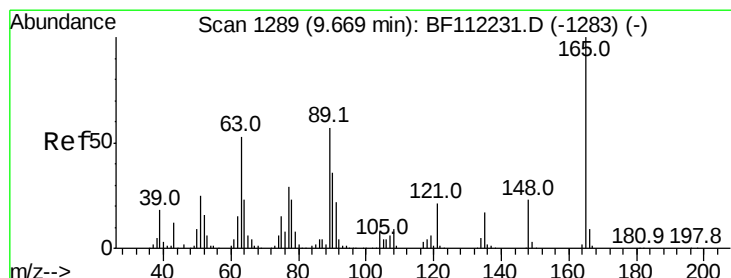
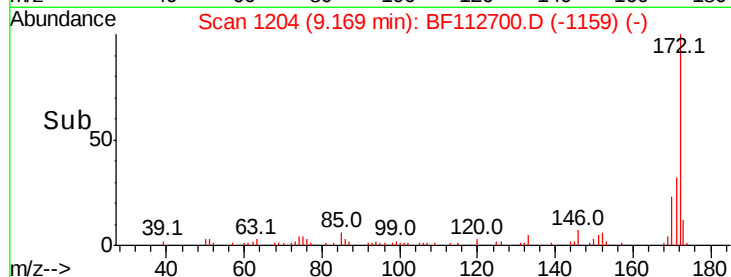
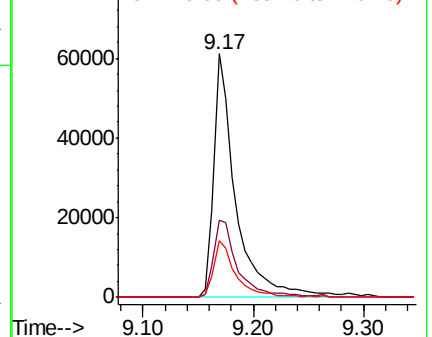
170 23.2 20.2 30.4



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: 7.166 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

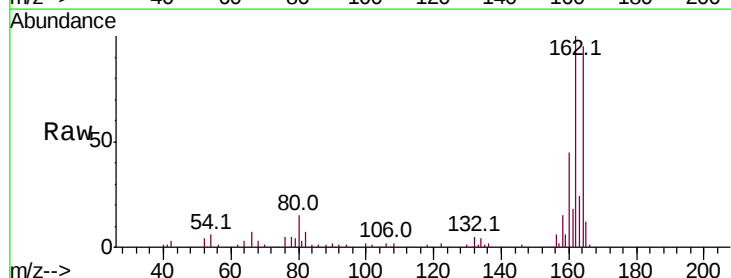
Tgt Ion:165 Resp: 11080

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

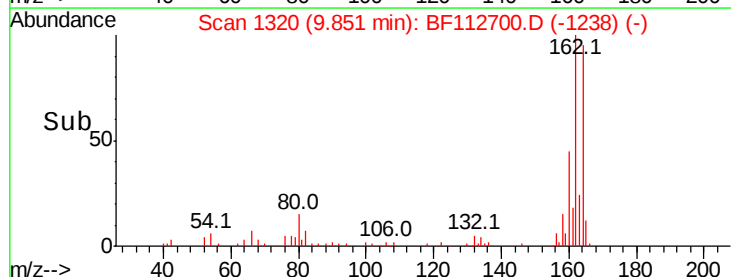
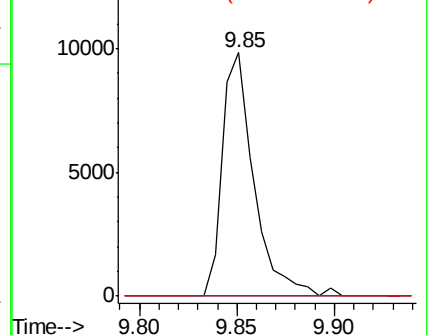
89 0.0 36.9 55.3#

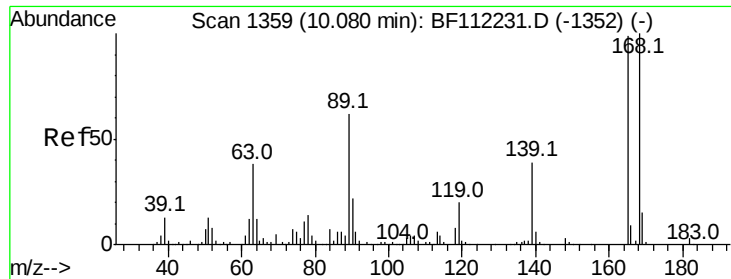


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.628 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-14

Tot Ion:165 Resp: 11078

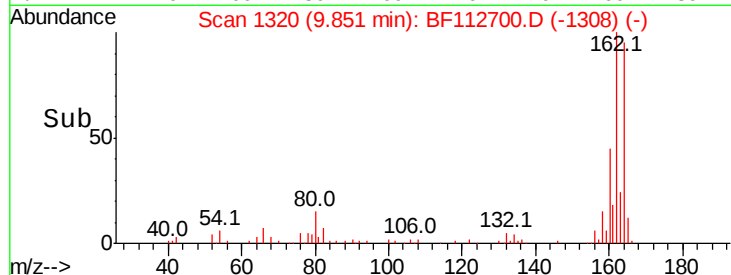
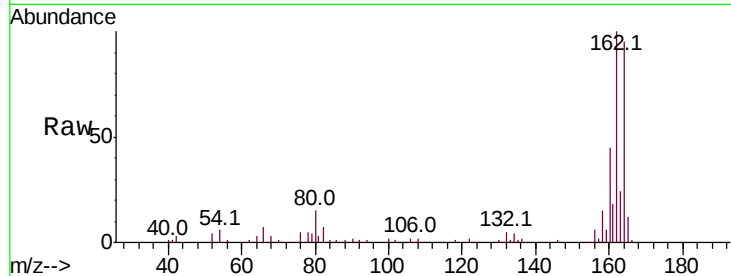
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

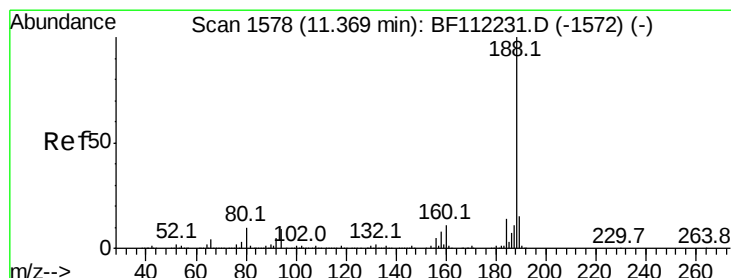
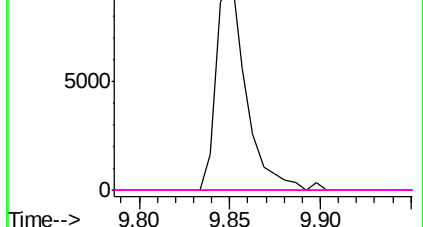


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

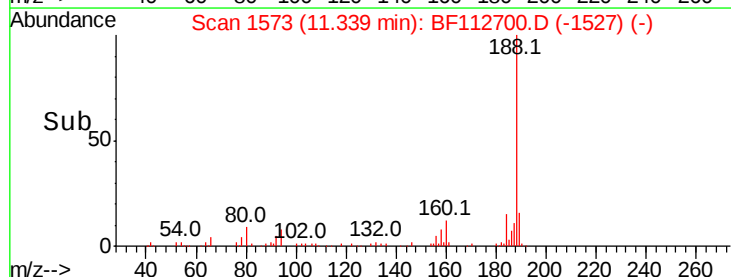
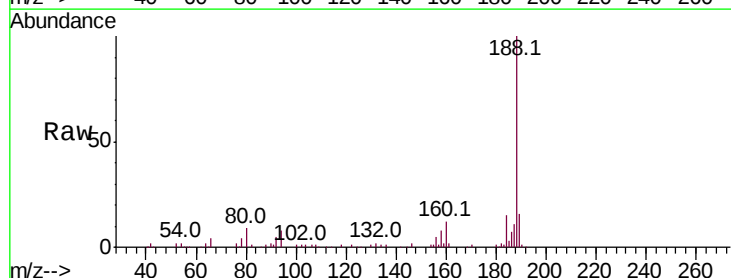
Tgt Ion:188 Resp: 159101

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

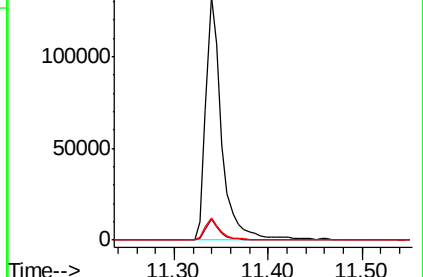
80 9.3 8.9 13.3

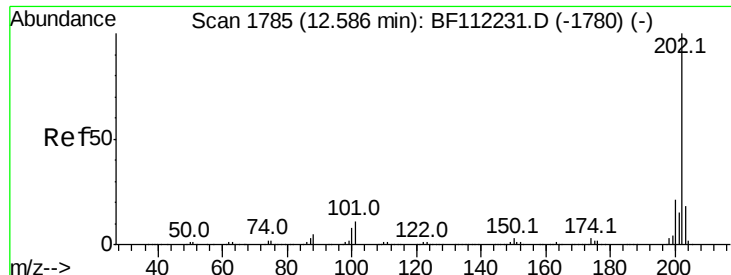


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

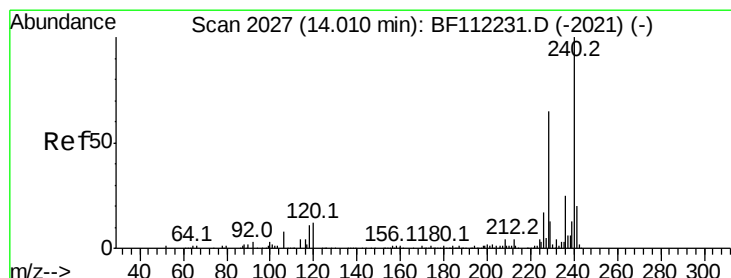
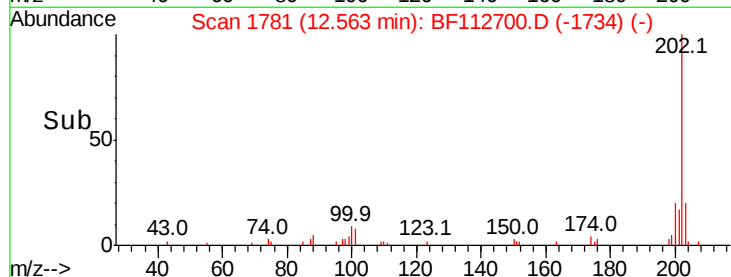
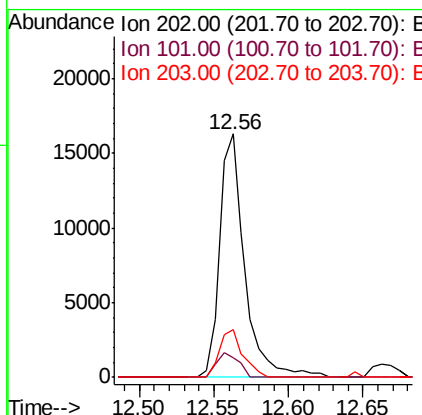
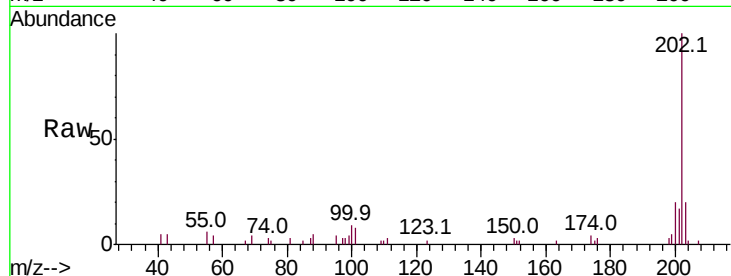




#75
 Fluoranthene
 Concen: 2.163 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.02 min
 Lab File: BF112700.D
 Acq: 25 Feb 2019 18:46

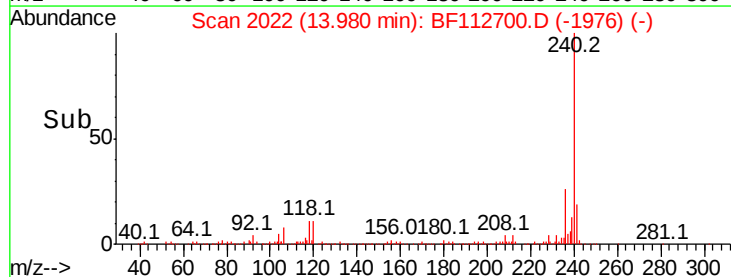
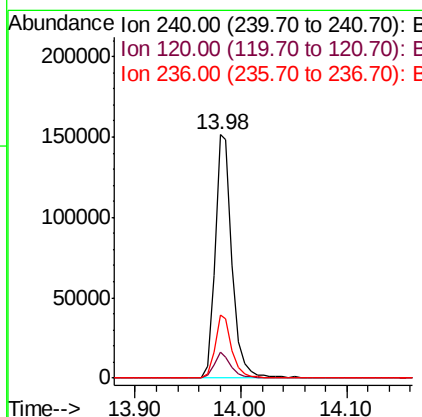
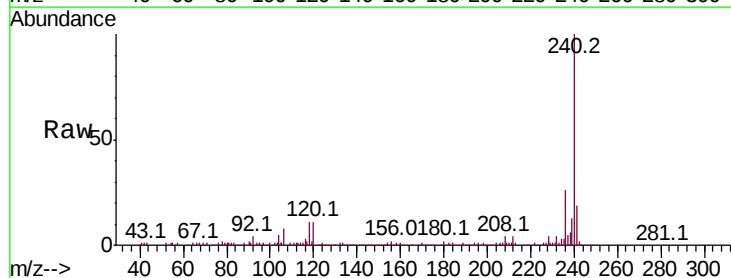
Instrument :
 BNA_F
 ClientSampleId :
 COMP-14

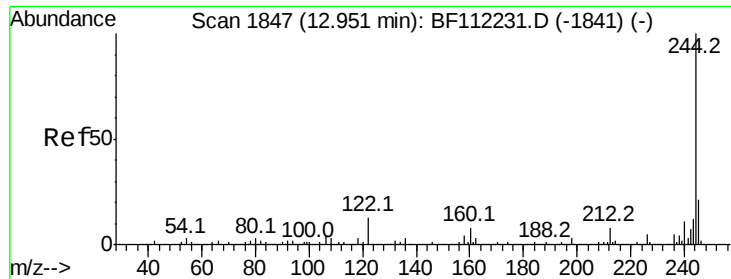
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	31.8
203	19.9	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF112700.D
 Acq: 25 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	25.8	20.7	31.1





#79

Terphenyl-d14

Concen: 8.630 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

BNA_F

ClientSampled :

COMP-14

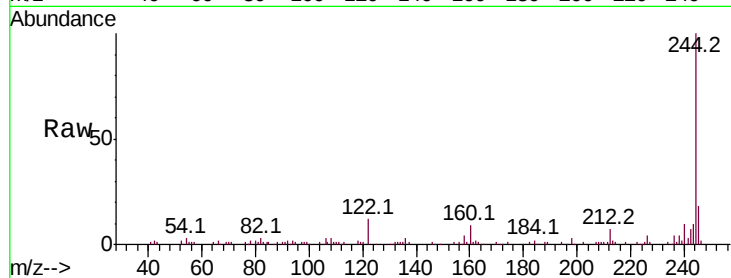
Tot Ion:244 Resp: 78974

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

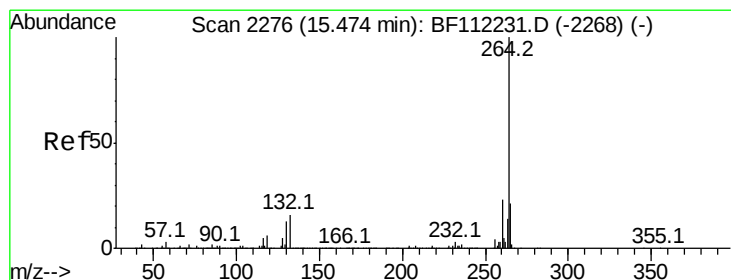
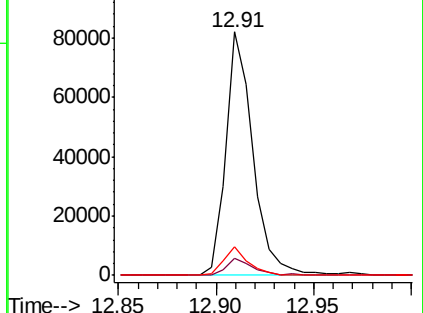
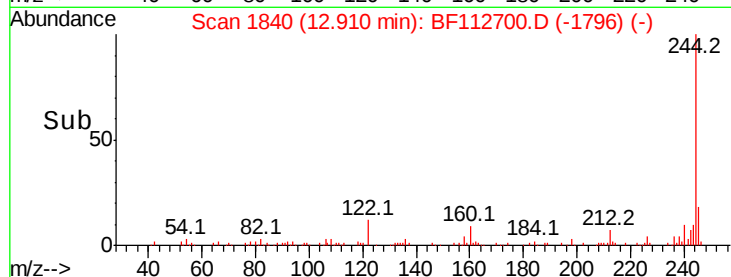
122 11.9 9.8 14.6



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

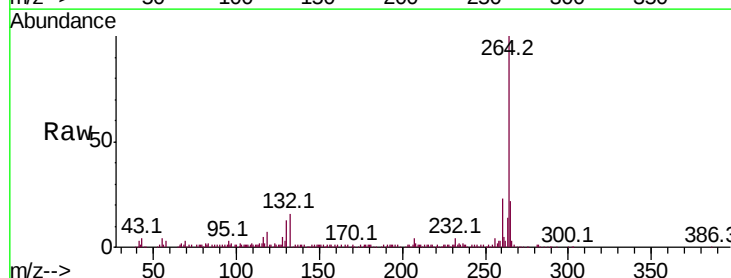
Tgt Ion:264 Resp: 132044

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

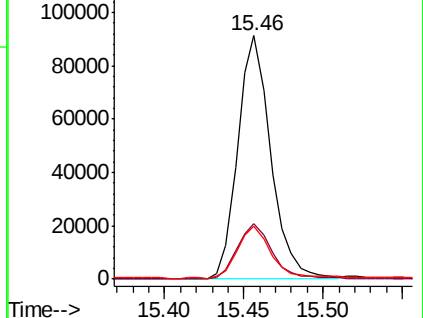
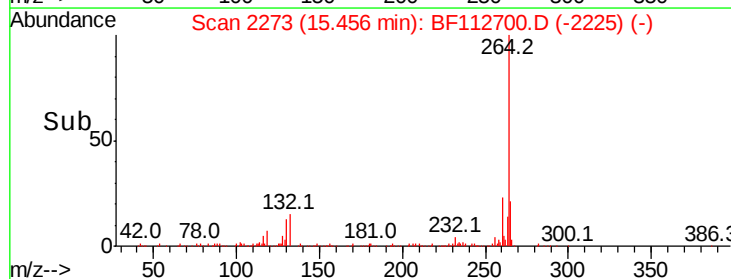
265 21.8 17.0 25.4

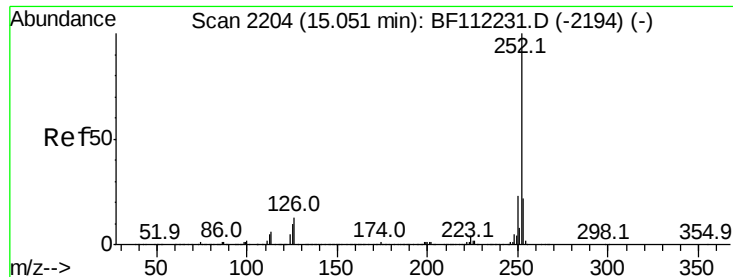


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

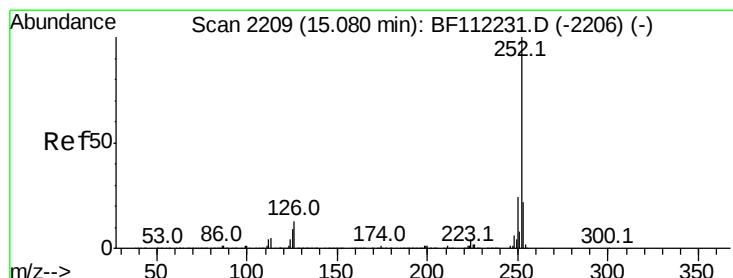
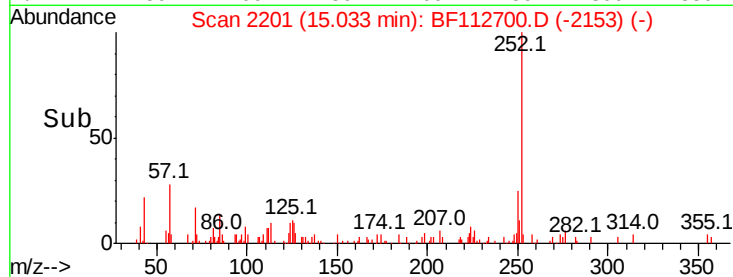
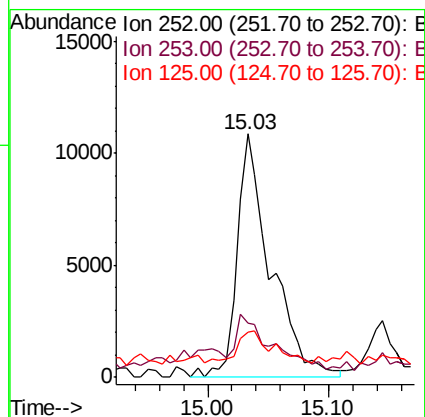
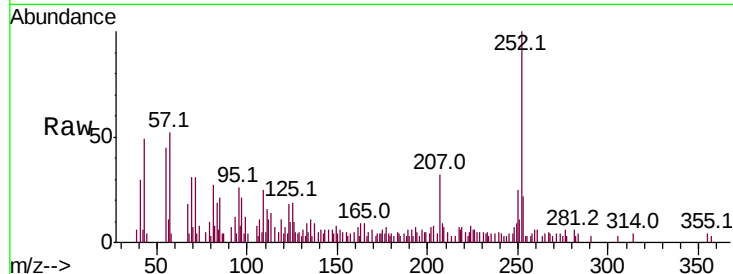




#88
Benzo(b)fluoranthene
Concen: 2.665 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	18.8	8.7	13.1#



#89
Benzo(k)fluoranthene
Concen: 2.782 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	18.8	9.1	13.7#

