

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112696.D
 Acq On : 25 Feb 2019 16:58
 Operator : JU/SJ
 Sample : K1596-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Quant Time: Feb 26 00:07:17 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

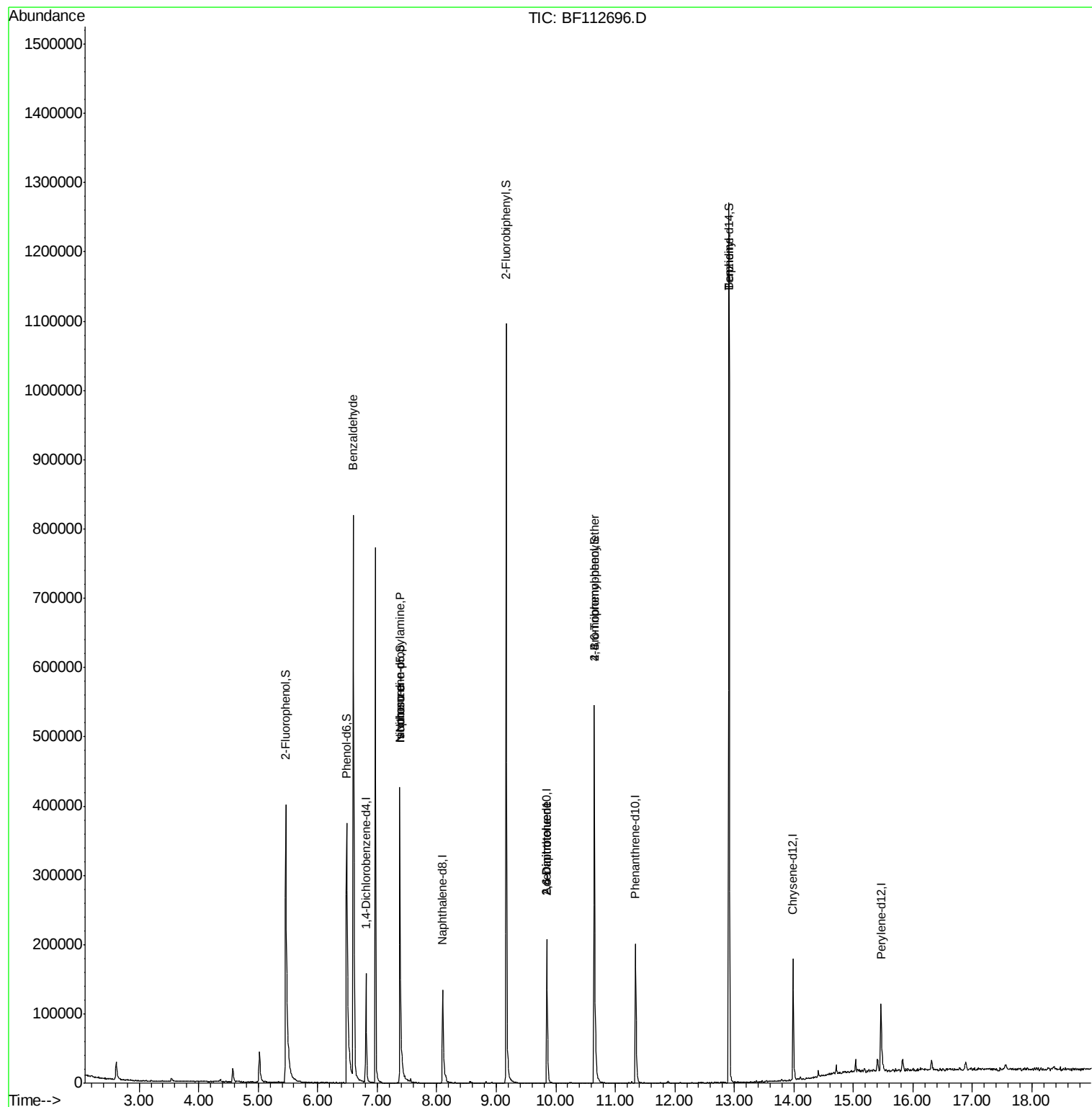
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	27155	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	103999	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	51081	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	99998	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	74323	20.00	ng	-0.02
87) Perylene-d12	15.46	264	62042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	208596	163.16	ng	-0.02
7) Phenol-d6	6.49	99	238076	134.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	189946	105.24	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	89388	150.34	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	389261	107.78	ng	-0.04
79) Terphenyl-d14	12.91	244	431558	109.36	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.60	77	6068	6.535	ng	# 76
19) n-Nitroso-di-n-propylamine	7.38	70	23999	19.592	ng	# 77
25) Isophorone	7.38	82	189946	67.082	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	6366	7.162	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	6366	5.626	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	4984	4.238	ng	# 1
77) Benizidine	12.91	184	6313	3.086	ng	# 90

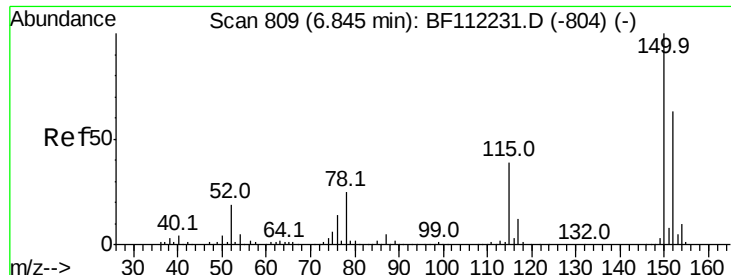
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112696.D
Acq On : 25 Feb 2019 16:58
Operator : JU/SJ
Sample : K1596-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-15

Quant Time: Feb 26 00:07:17 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



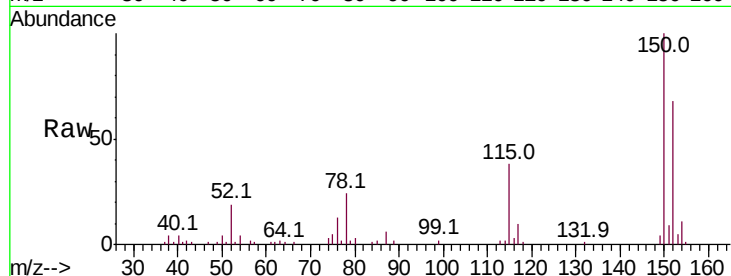


#1

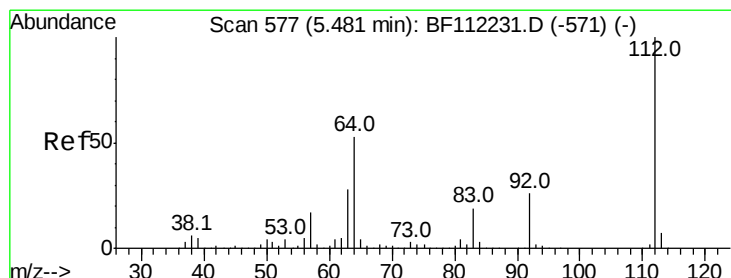
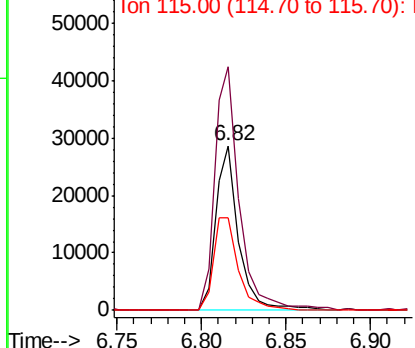
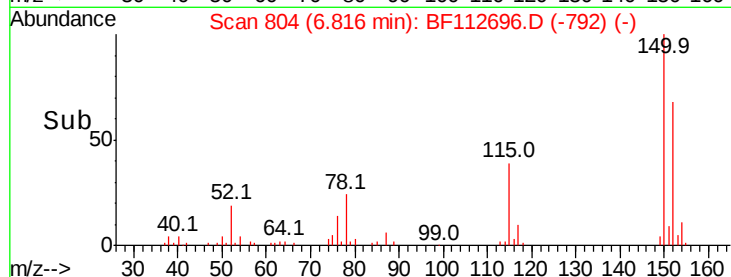
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Instrument :
BNA_F
ClientSampled :
COMP-15

Tot Ion:152 Resp: 27155
Ion Ratio Lower Upper
152 100
150 148.0 127.4 191.0
115 56.5 45.5 68.3



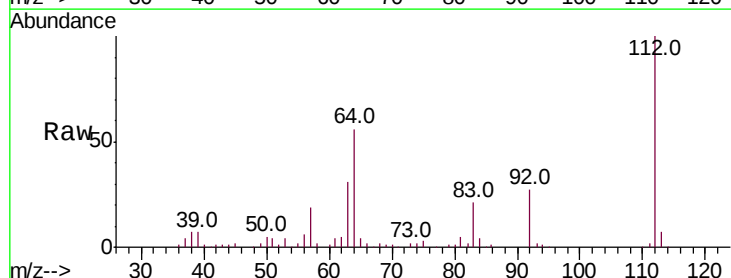
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



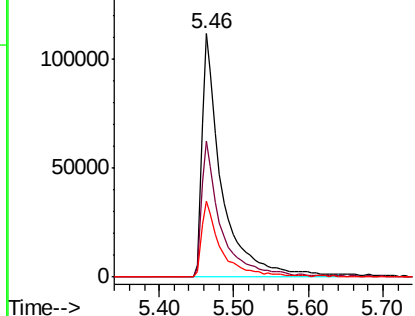
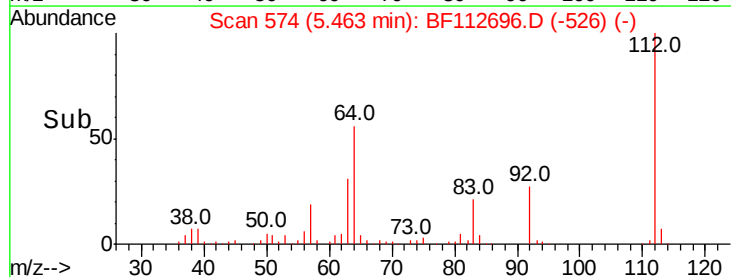
#5

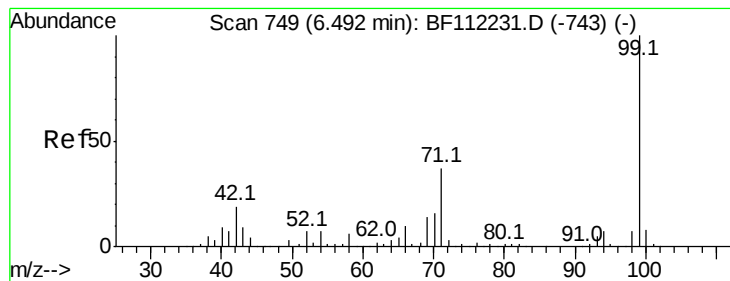
2-Fluorophenol
Concen: 163.164 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Tgt Ion:112 Resp: 208596
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 31.3 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: 134.017 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

Instrument :

BNA_F

ClientSampleId :

COMP-15

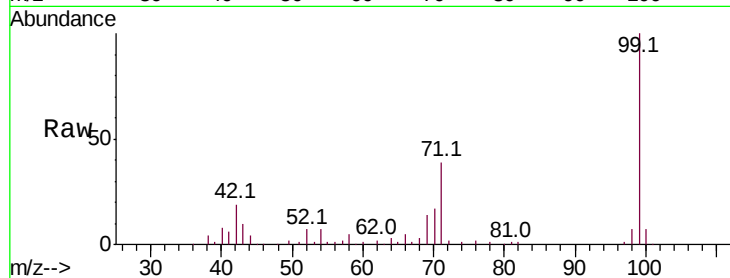
Tot Ion: 99 Resp: 238076

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

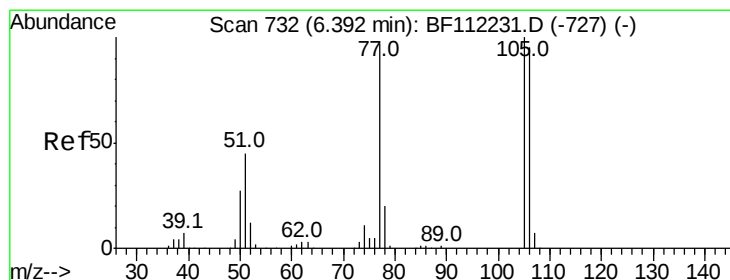
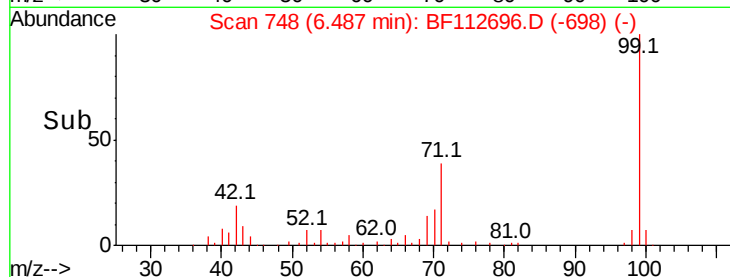
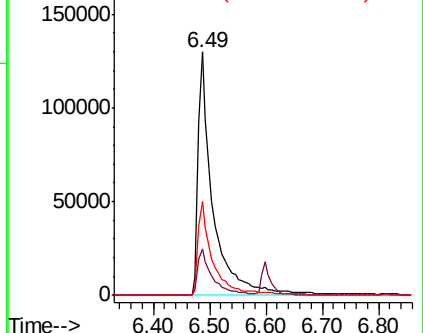
71 38.6 26.9 40.3



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



#9

Benzaldehyde

Concen: 6.535 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

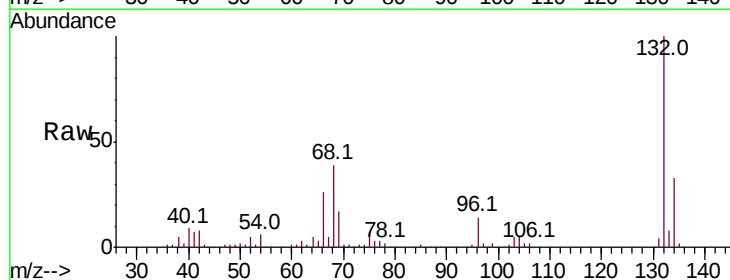
Tgt Ion: 77 Resp: 6068

Ion Ratio Lower Upper

77 100

105 79.2 80.8 120.8#

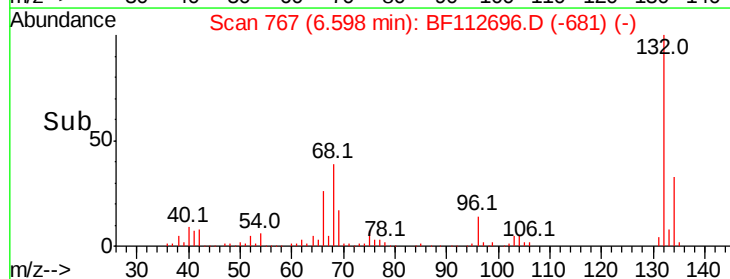
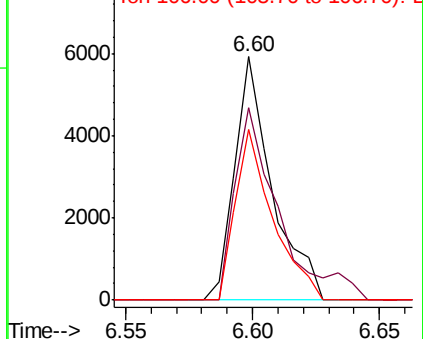
106 70.3 75.7 115.7#

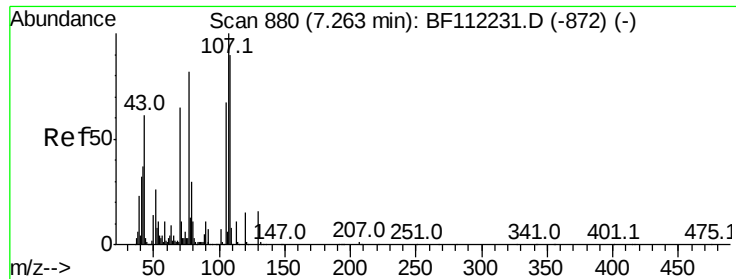


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 19.592 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.12 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

Instrument :

BNA_F

ClientSampleId :

COMP-15

Tot Ion: 70 Resp: 23999

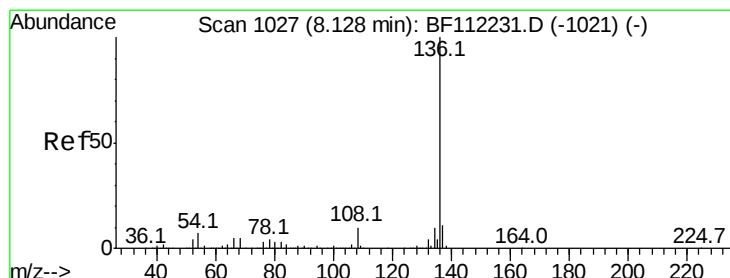
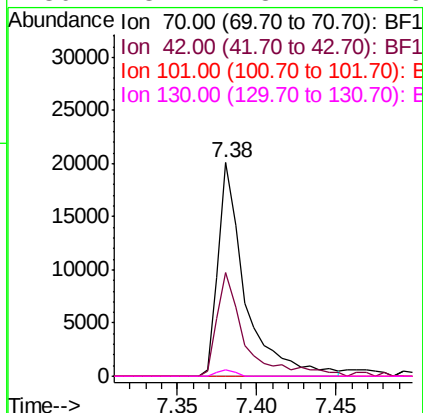
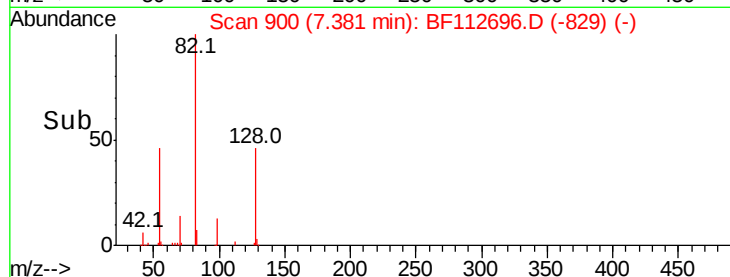
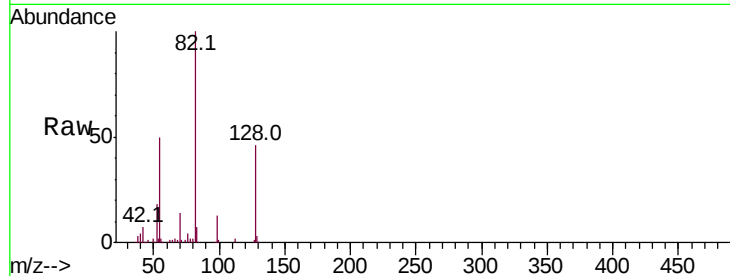
Ion Ratio Lower Upper

70 100

42 48.4 47.6 71.4

101 0.0 7.9 11.9#

130 3.2 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: BF112696.D

Acq: 25 Feb 2019 16:58

Tgt Ion:136 Resp: 103999

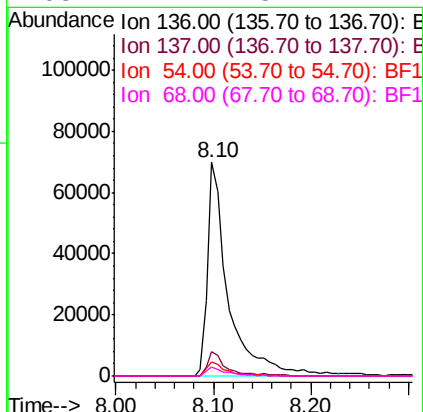
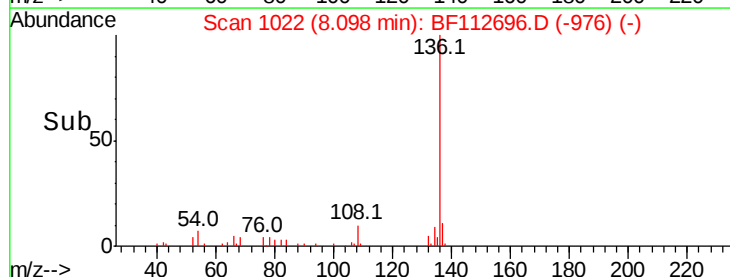
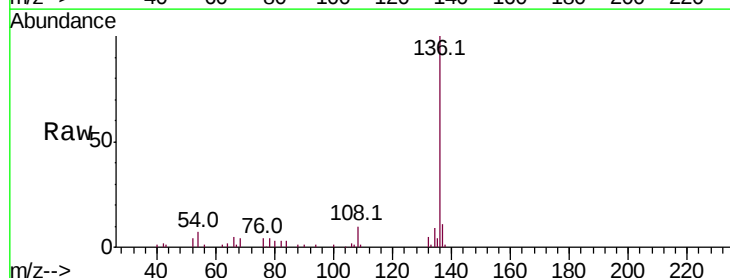
Ion Ratio Lower Upper

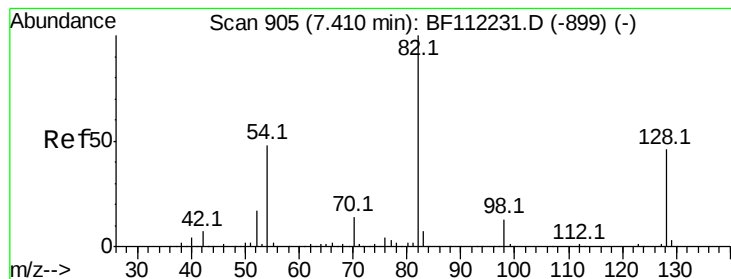
136 100

137 11.1 9.1 13.7

54 6.7 5.9 8.9

68 4.4 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 105.238 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

Instrument :

BNA_F

ClientSampled :

COMP-15

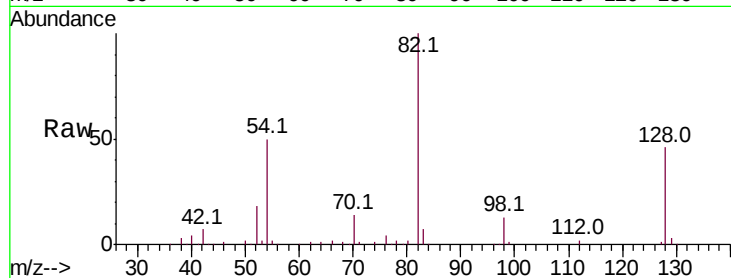
Tot Ion: 82 Resp: 189946

Ion Ratio Lower Upper

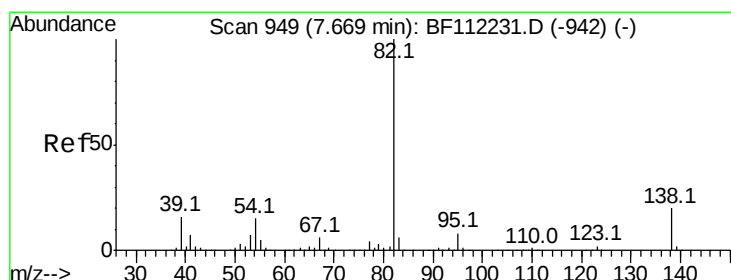
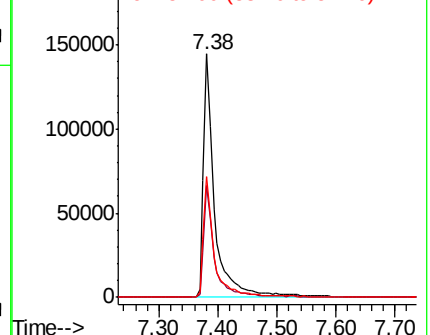
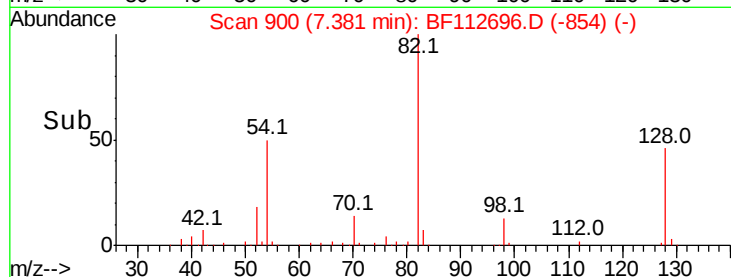
82 100

128 45.8 37.8 56.8

54 49.8 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 67.082 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

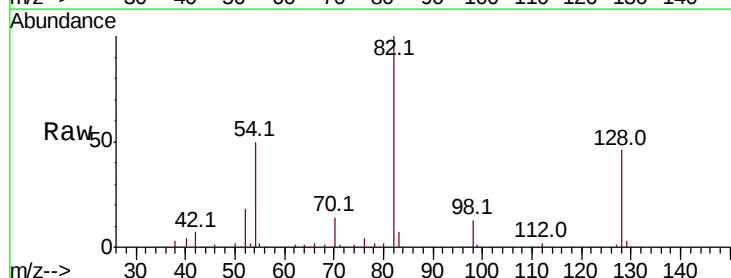
Tgt Ion: 82 Resp: 189946

Ion Ratio Lower Upper

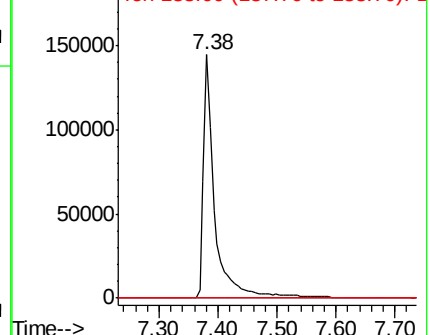
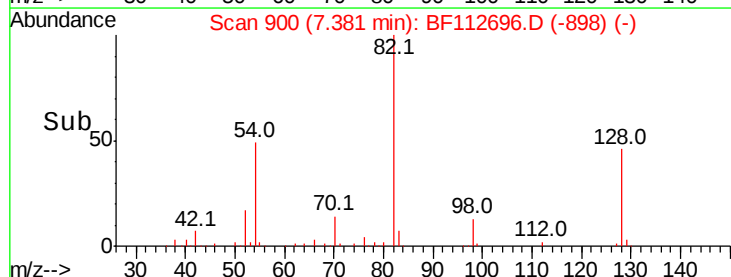
82 100

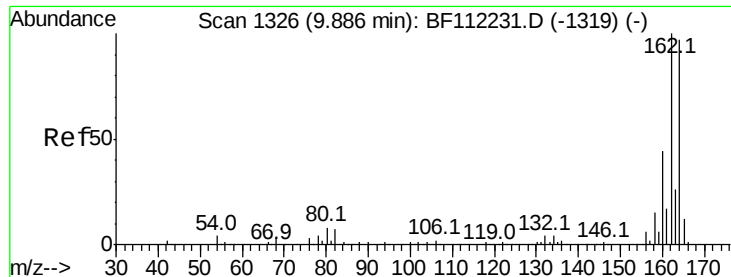
95 0.0 5.7 8.5#

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

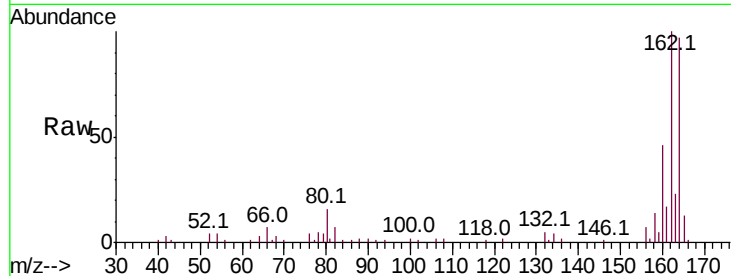




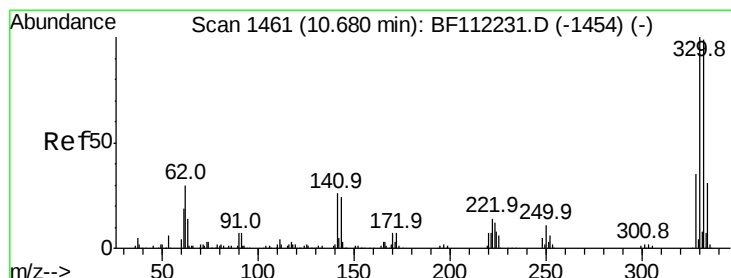
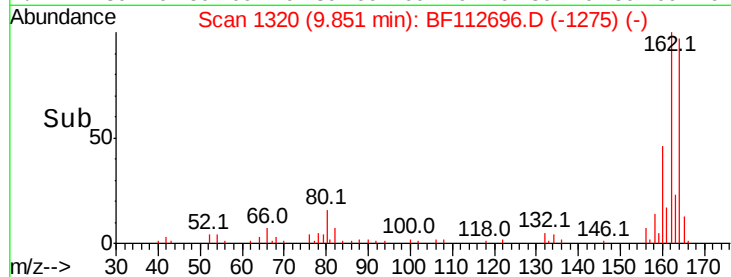
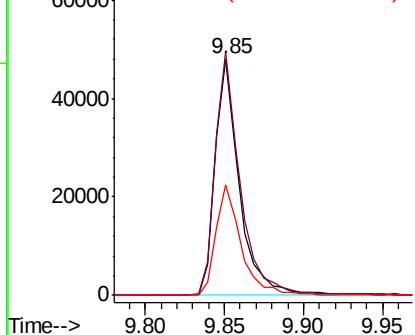
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion:164 Resp: 51081
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.4
160 47.0 36.2 54.4

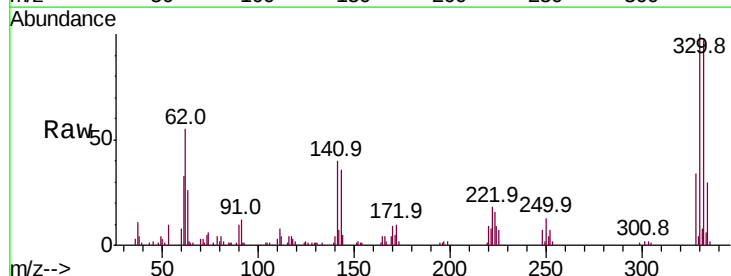


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

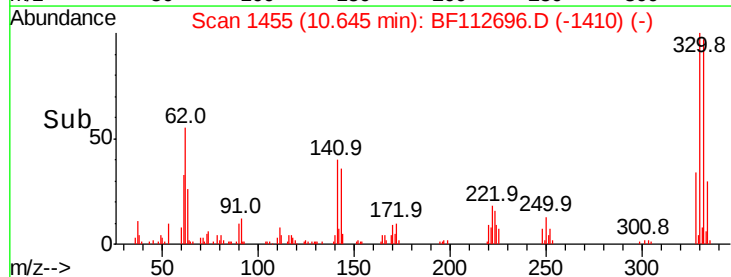
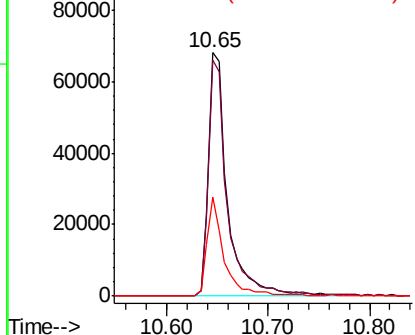


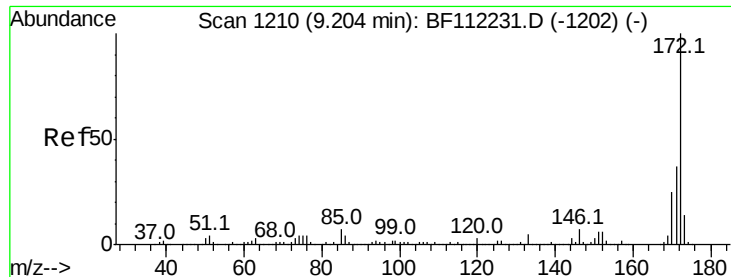
#42
2,4,6-Tribromophenol
Concen: 150.341 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Tgt Ion:330 Resp: 89388
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 35.7 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

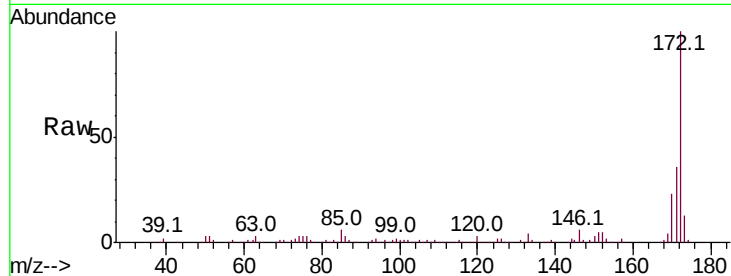




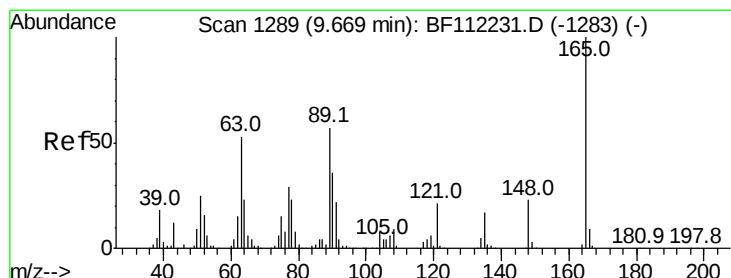
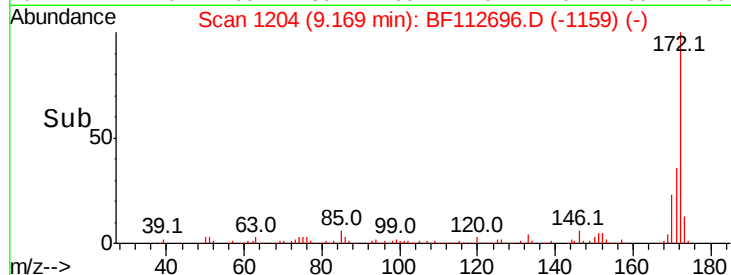
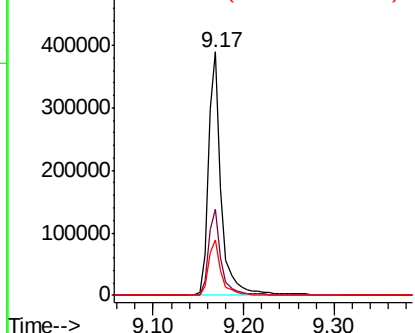
#45
2-Fluorobiphenyl
Concen: 107.779 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Instrument :
BNA_F
ClientSampled :
COMP-15

Tot Ion:172 Resp: 389261
Ion Ratio Lower Upper
172 100
171 35.6 30.5 45.7
170 22.6 20.2 30.4

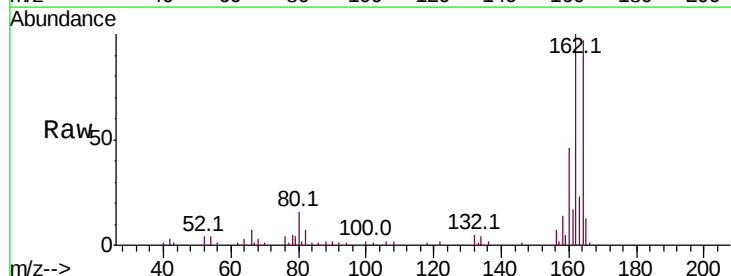


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

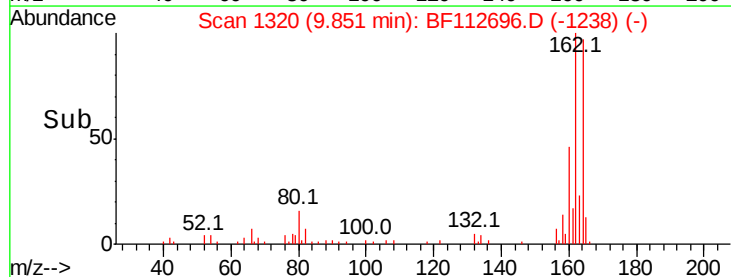
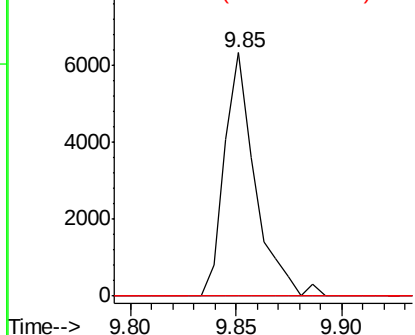


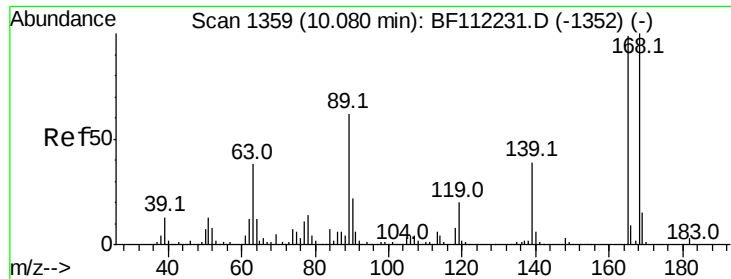
#51
2,6-Dinitrotoluene
Concen: 7.162 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.18 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Tgt Ion:165 Resp: 6366
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

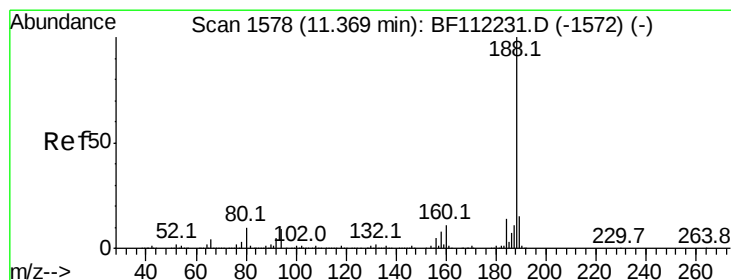
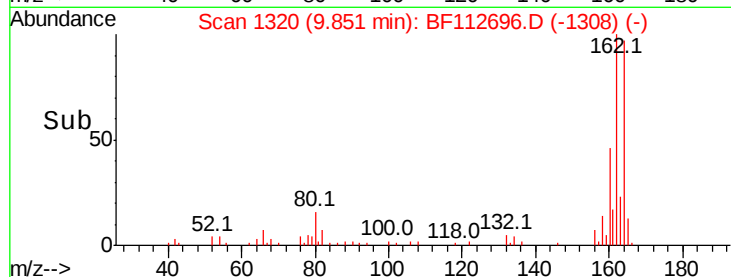
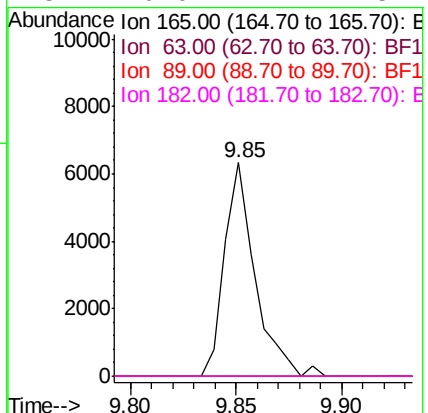
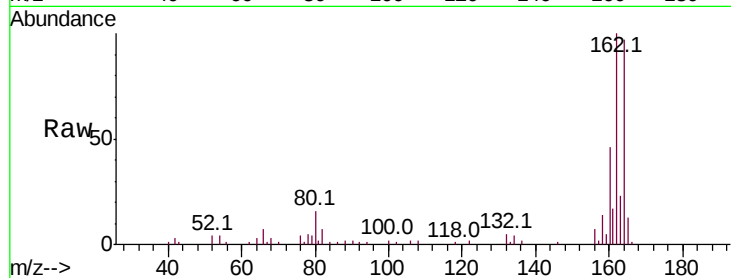




#57
 2,4-Dinitrotoluene
 Concen: 5.626 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF112696.D
 Acq: 25 Feb 2019 16:58

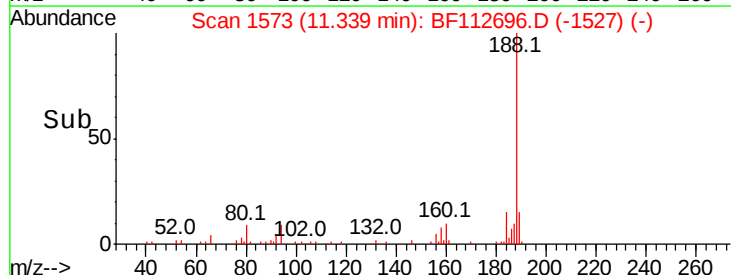
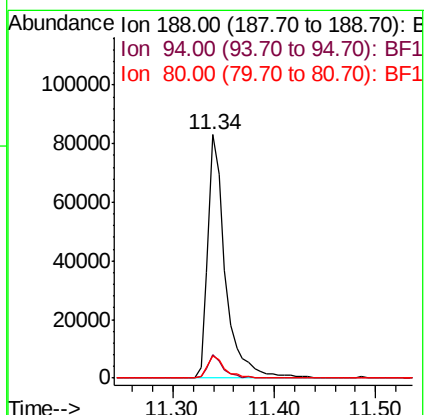
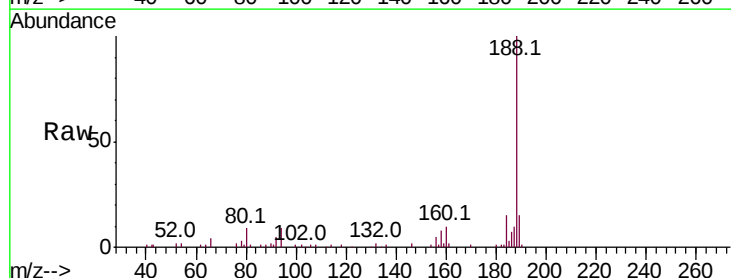
Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

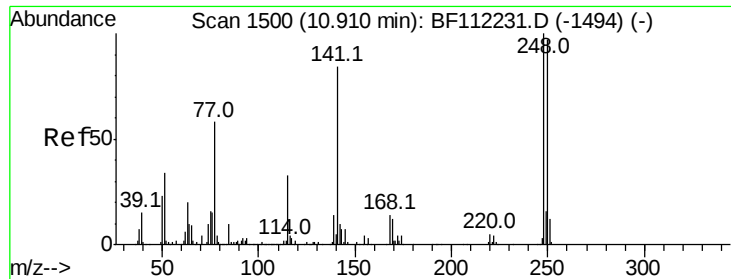
Tot Ion:165 Resp: 6366
 Ion Ratio Lower Upper
 165 100
 63 0.0 27.9 41.9#
 89 0.0 47.9 71.9#
 182 0.0 2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112696.D
 Acq: 25 Feb 2019 16:58

Tgt Ion:188 Resp: 99998
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.2 12.2
 80 9.1 8.9 13.3

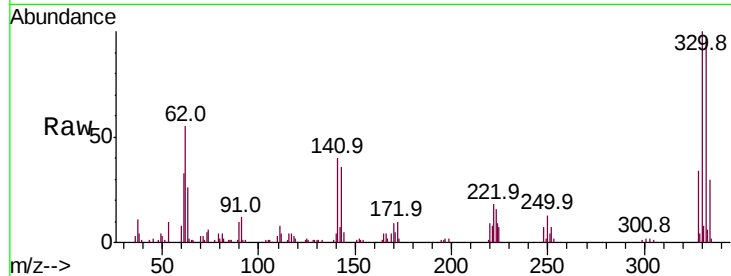




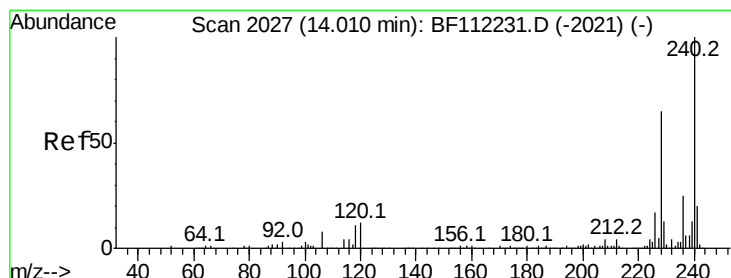
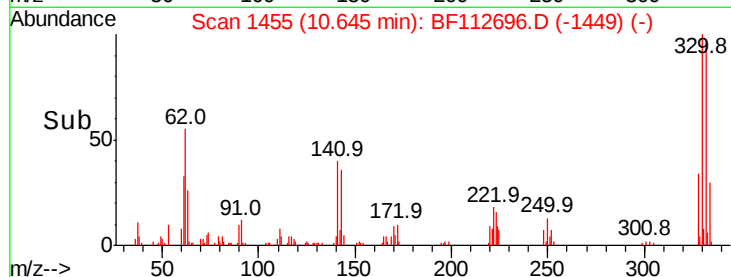
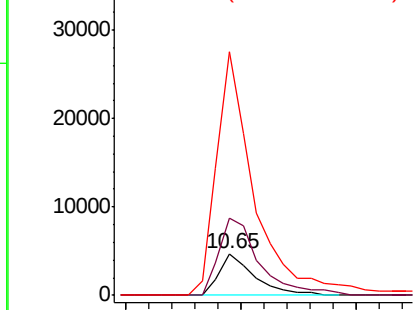
#67
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Instrument :
BNA_F
ClientSampled :
COMP-15

Tot Ion:248 Resp: 4984
Ion Ratio Lower Upper
248 100
250 185.8 79.7 119.5#
141 582.3 60.3 90.5#

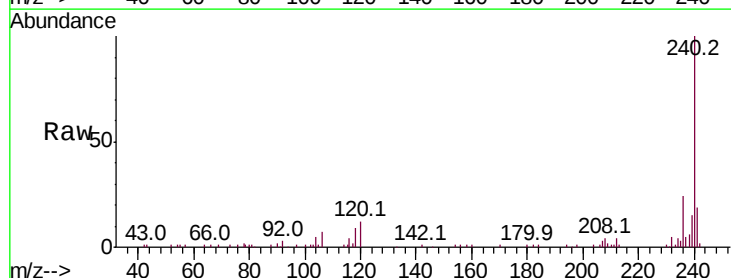


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

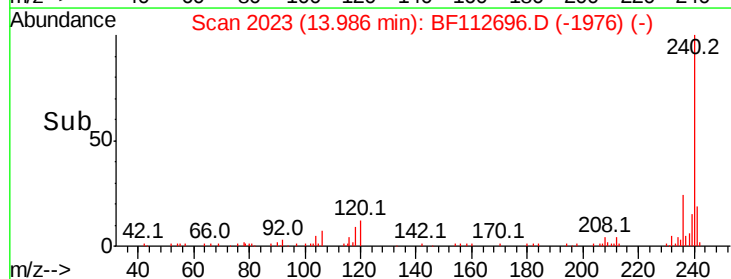
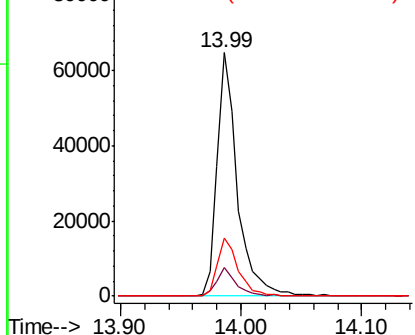


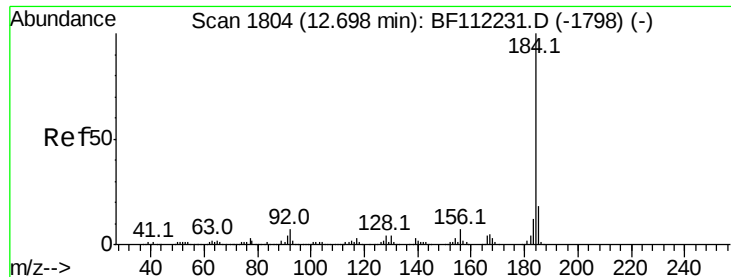
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Tgt Ion:240 Resp: 74323
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 23.8 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





#77

Benzidine

Concen: 3.086 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.21 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

Instrument :

BNA_F

ClientSampleId :

COMP-15

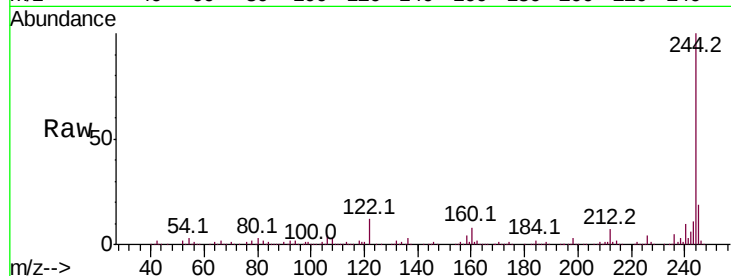
Tot Ion:184 Resp: 6313

Ion Ratio Lower Upper

184 100

185 15.1 13.9 20.9

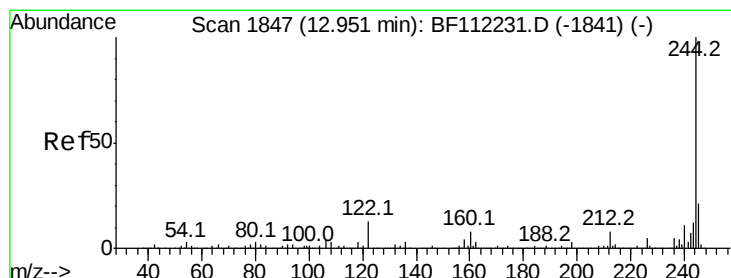
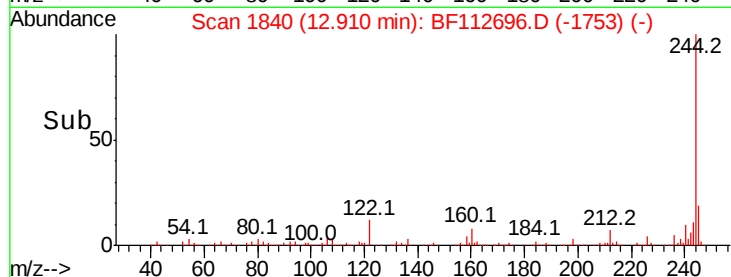
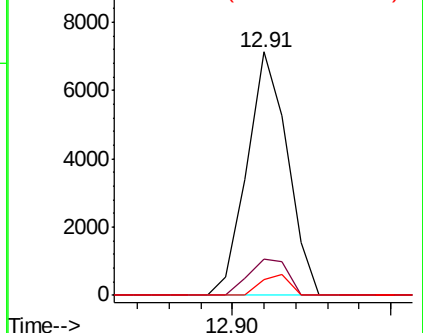
183 6.4 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 109.363 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

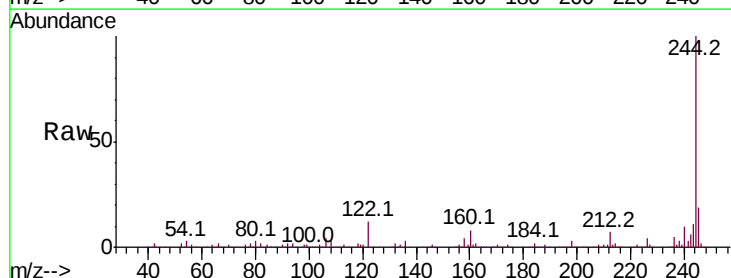
Tgt Ion:244 Resp: 431558

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

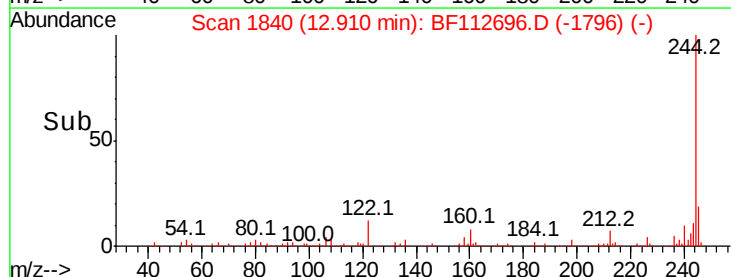
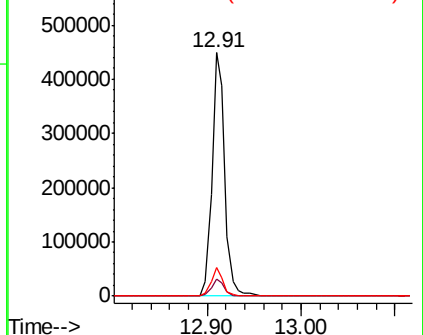
122 11.9 9.8 14.6

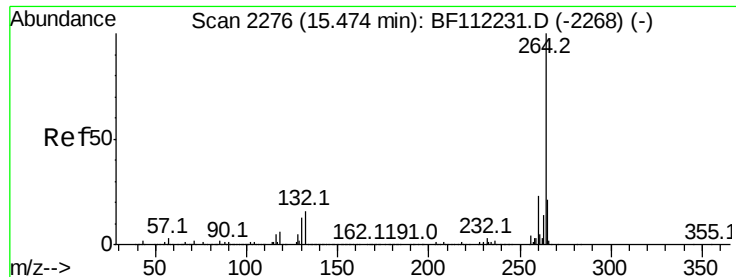


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112696.D
 Acq: 25 Feb 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion: 264 Resp: 62042
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 22.5 17.0 25.4

