

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
 Data File : BF112629.D
 Acq On : 19 Feb 2019 19:05
 Operator : JU/SJ
 Sample : K1525-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-15

Quant Time: Feb 19 23:37:57 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

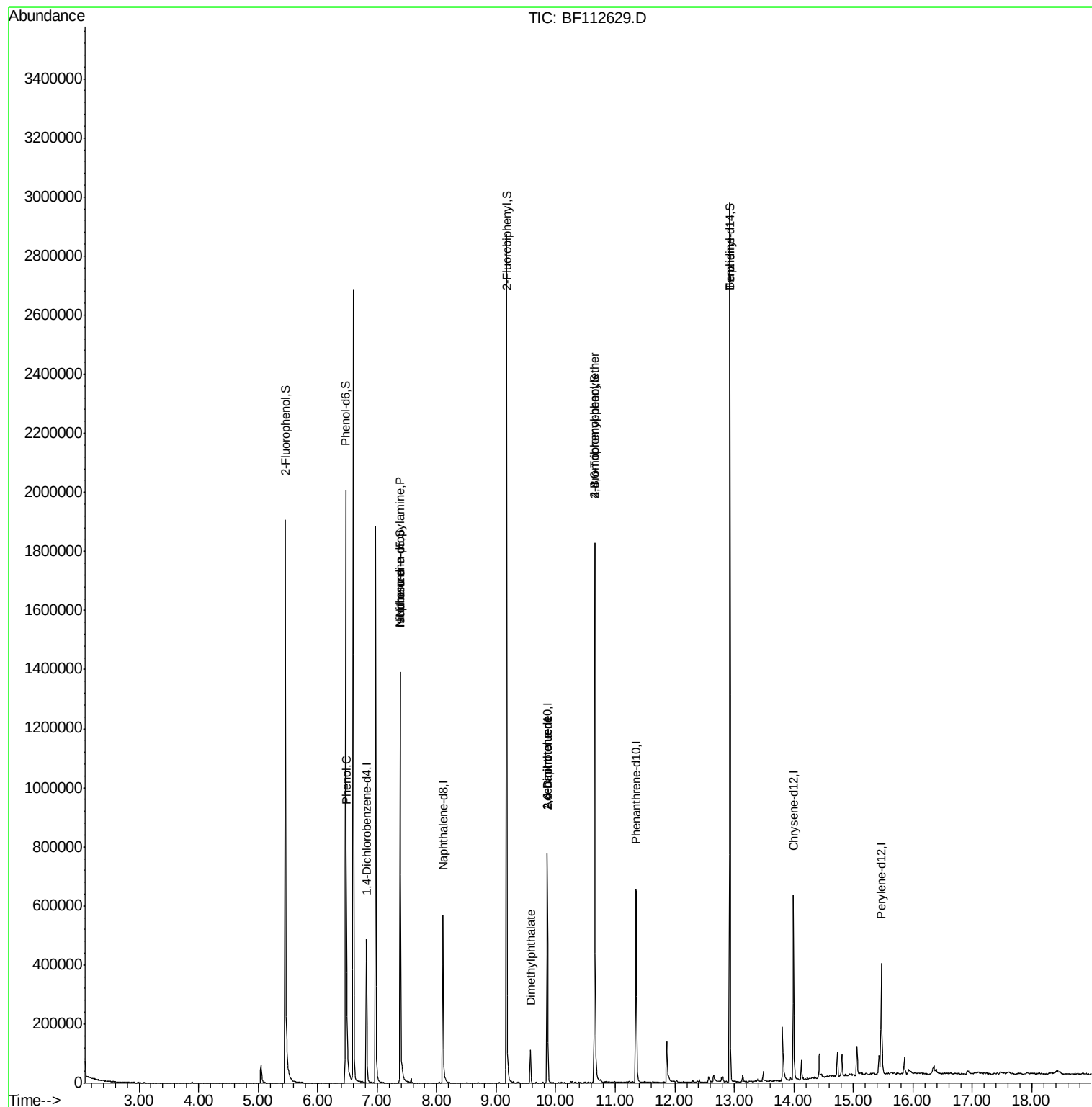
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79205	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	307124	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	154306	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	300105	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	227136	20.00	ng	-0.02
87) Perylene-d12	15.47	264	189325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	601795	161.39	ng	-0.02
7) Phenol-d6	6.47	99	743983	143.58	ng	-0.02
23) Nitrobenzene-d5	7.39	82	478855	89.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	246748	137.38	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	884978	81.12	ng	-0.03
79) Terphenyl-d14	12.93	244	944112	78.29	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	54794	9.639	ng	86
19) n-Nitroso-di-n-propylamine	7.39	70	63631	17.809	ng	# 77
25) Isophorone	7.39	82	478852	57.266	ng	# 63
50) Dimethylphthalate	9.57	163	55931	4.665	ng	99
51) 2,6-Dinitrotoluene	9.86	165	19138	7.128	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	19138	5.599	ng	# 32
67) 4-Bromophenyl-phenylether	10.65	248	14750	4.179	ng	# 1
77) Benzidine	12.93	184	13748	2.199	ng	# 93

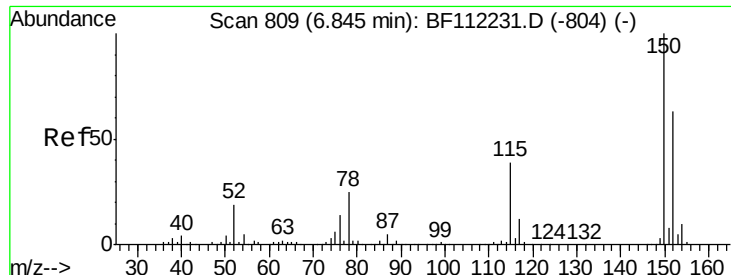
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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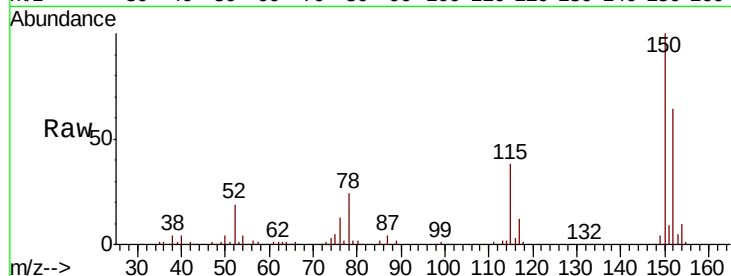




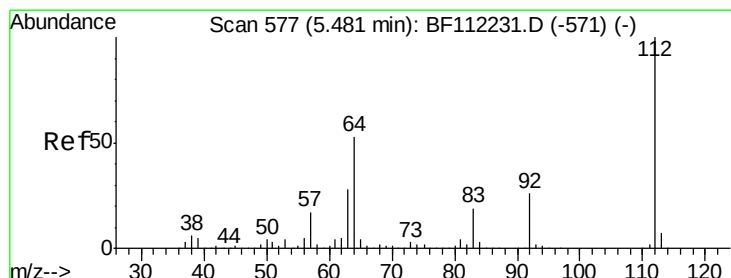
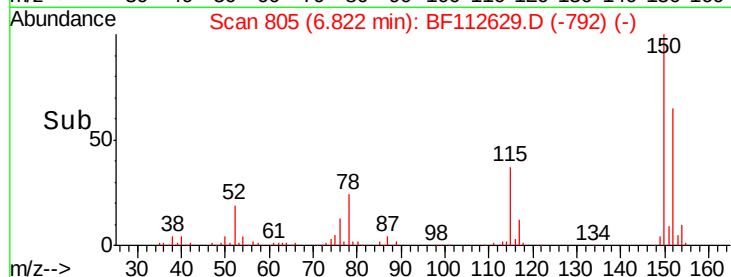
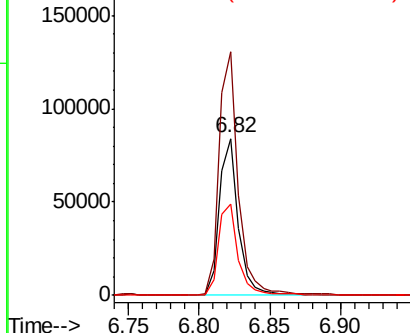
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TS-15

Tgt Ion:152 Resp: 79205
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.4 191.0
 115 58.2 45.5 68.3

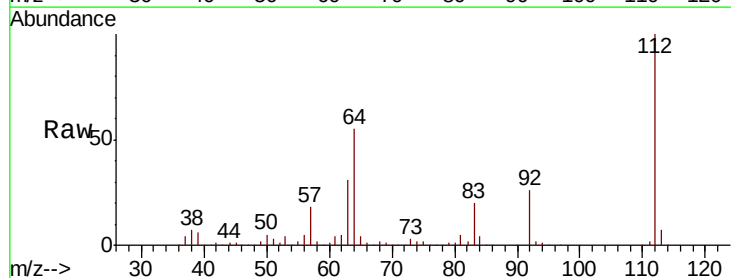


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

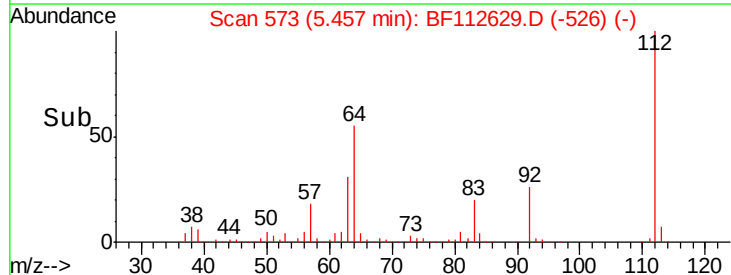
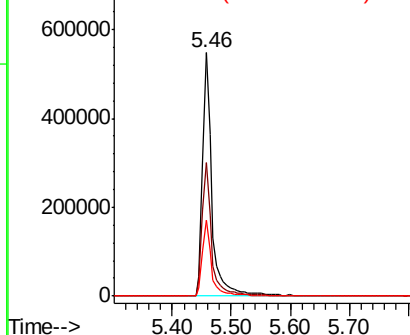


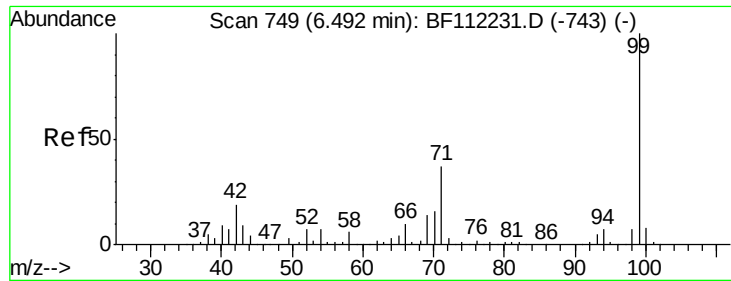
#5
 2-Fluorophenol
 Concen: 161.385 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Tgt Ion:112 Resp: 601795
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.7 68.5
 63 30.9 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: 143.583 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

Instrument :

BNA_F

ClientSampleId :

TS-15

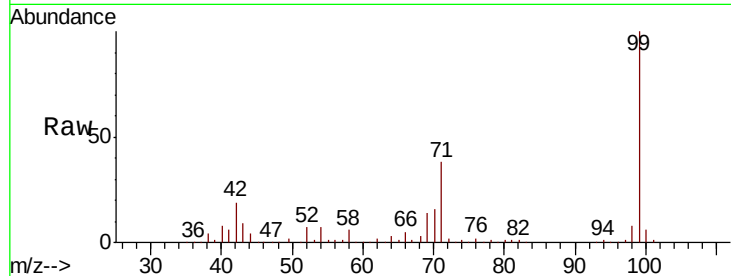
Tgt Ion: 99 Resp: 743983

Ion Ratio Lower Upper

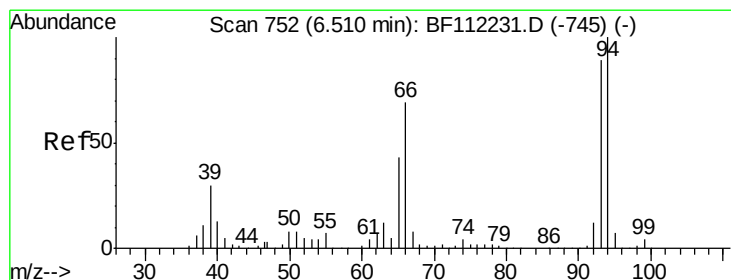
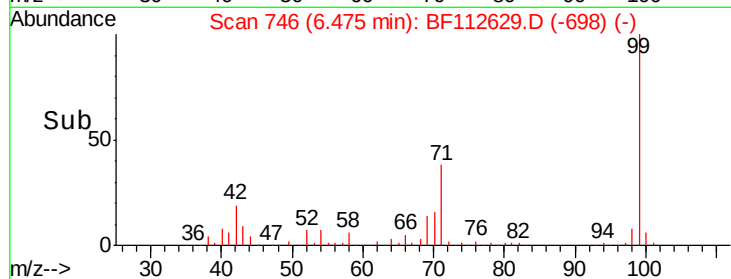
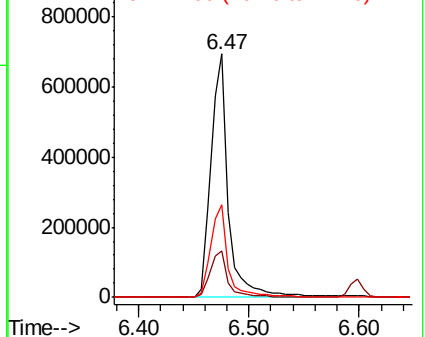
99 100

42 19.0 15.1 22.7

71 37.8 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



#10

Phenol

Concen: 9.639 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

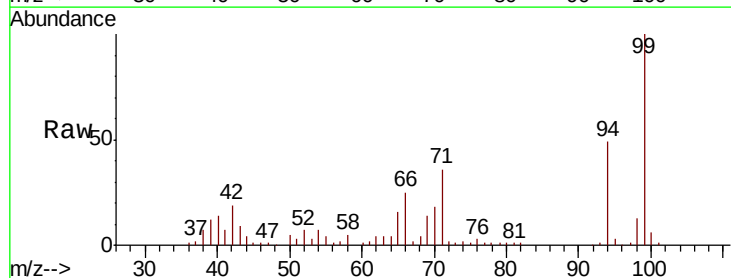
Tgt Ion: 94 Resp: 54794

Ion Ratio Lower Upper

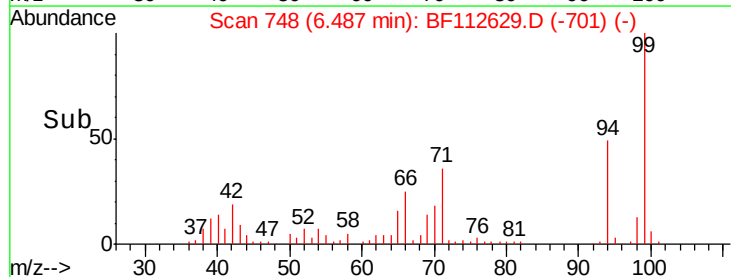
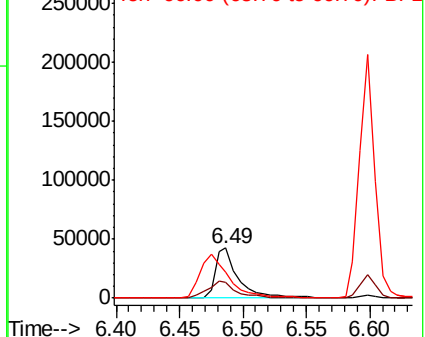
94 100

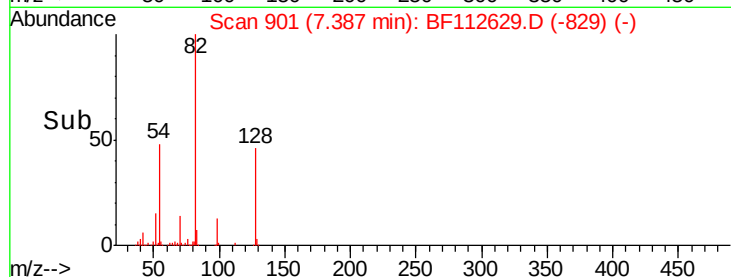
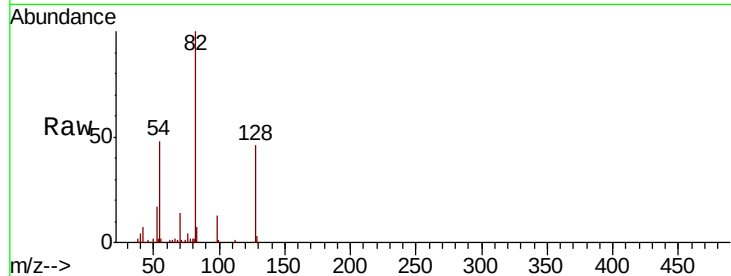
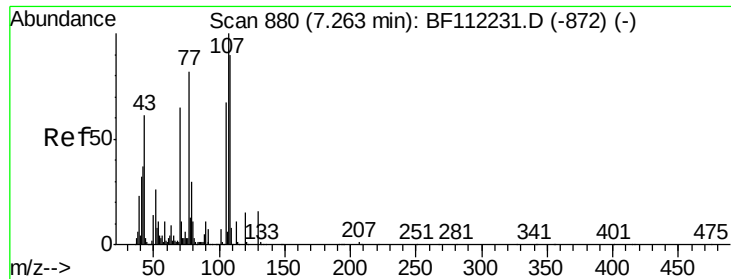
65 31.6 20.3 60.3

66 51.5 42.4 82.4



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

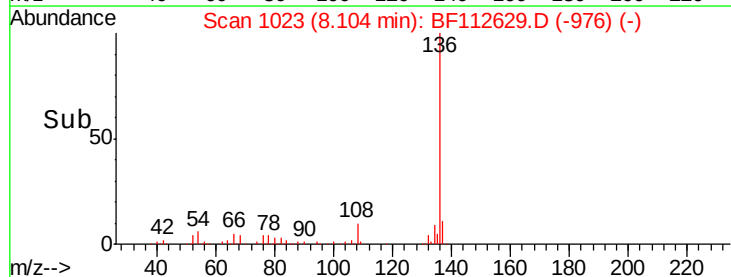
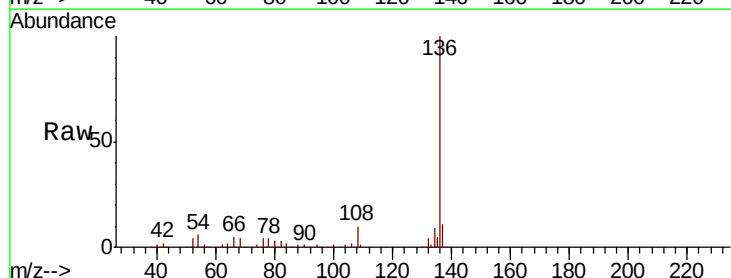
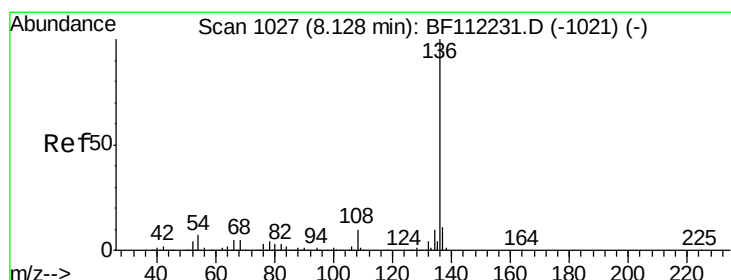
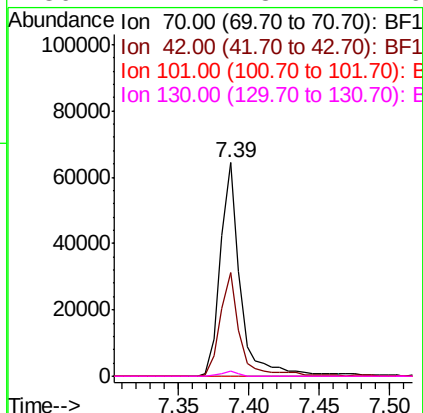




#19
n-Nitroso-di-n-propylamine
Concen: 17.809 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112629.D
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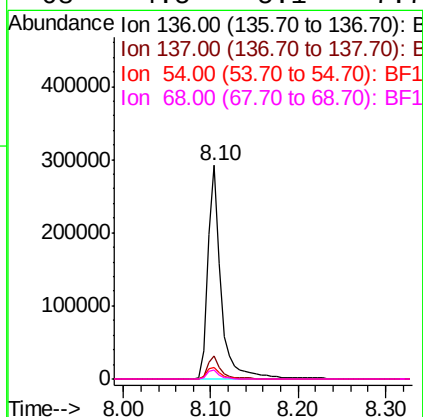
Instrument :
BNA_F
ClientSampleId :
TS-15

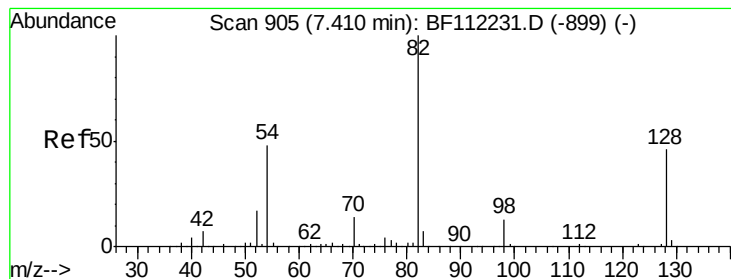
Tgt Ion: 70 Resp: 63631
Ion Ratio Lower Upper
70 100
42 48.8 47.6 71.4
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112629.D
Acq: 19 Feb 2019 19:05

Tgt Ion: 136 Resp: 307124
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.6 5.9 8.9#
68 4.5 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 89.838 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

Instrument :

BNA_F

ClientSampleId :

TS-15

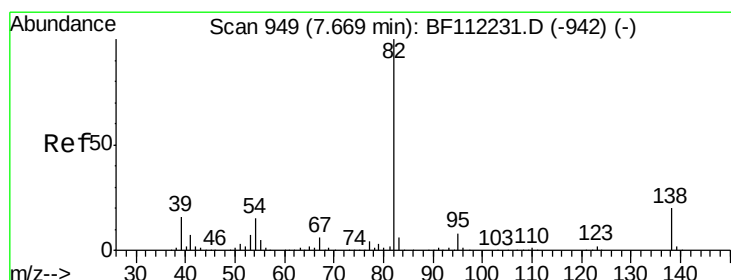
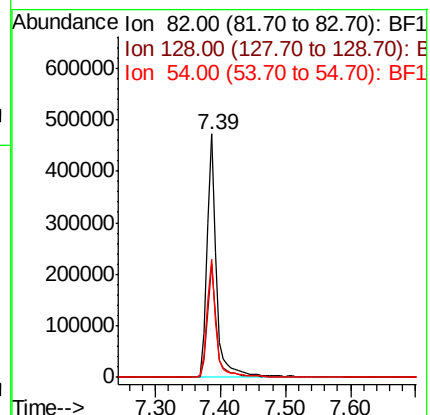
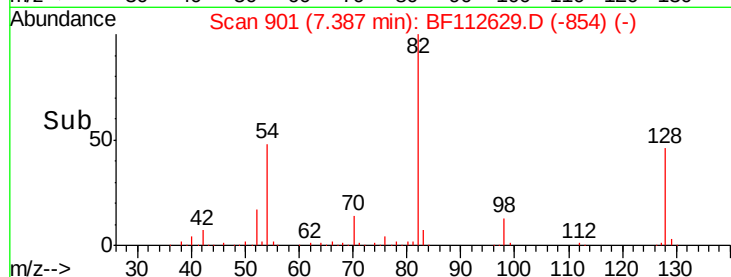
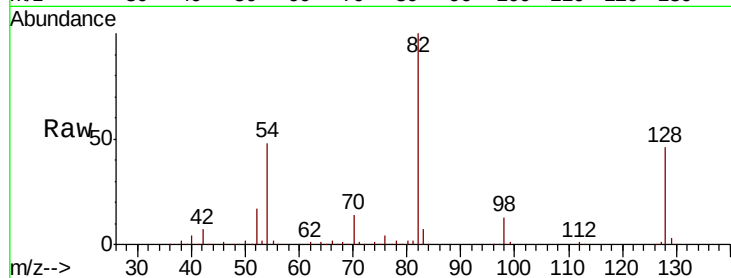
Tgt Ion: 82 Resp: 478855

Ion Ratio Lower Upper

82 100

128 46.3 37.8 56.8

54 48.3 39.7 59.5



#25

Isophorone

Concen: 57.266 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.28 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

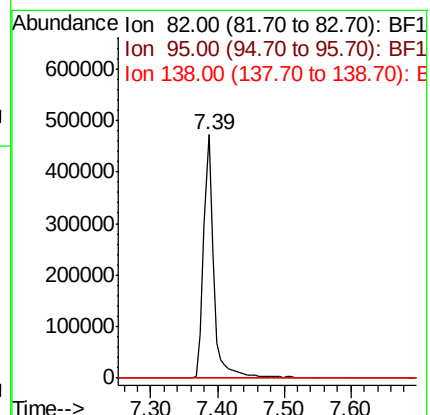
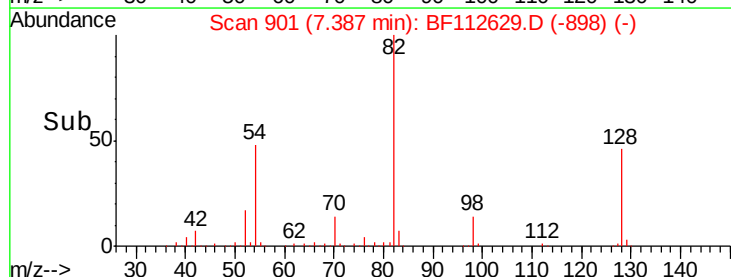
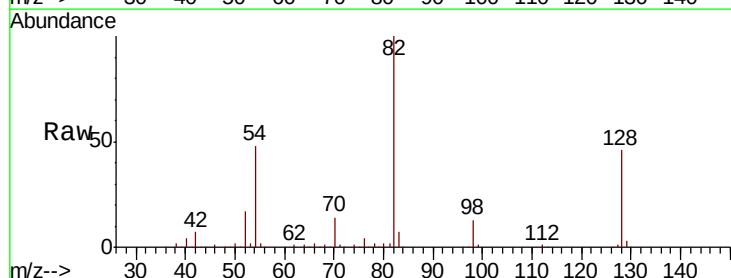
Tgt Ion: 82 Resp: 478852

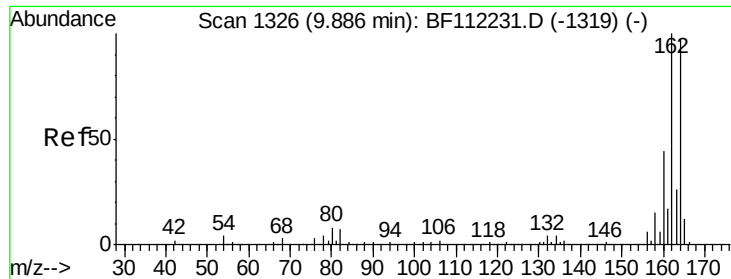
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#

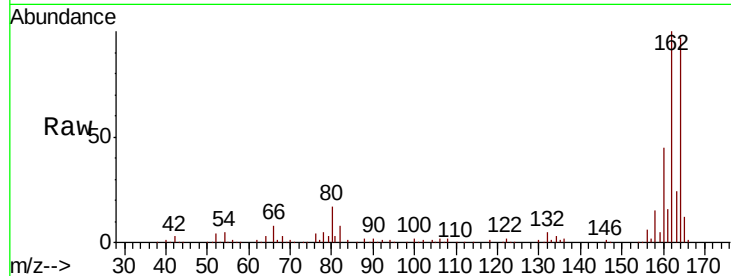




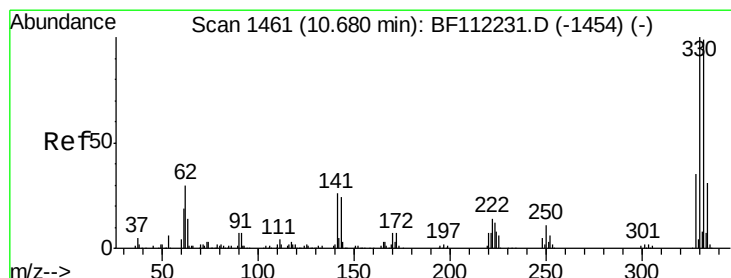
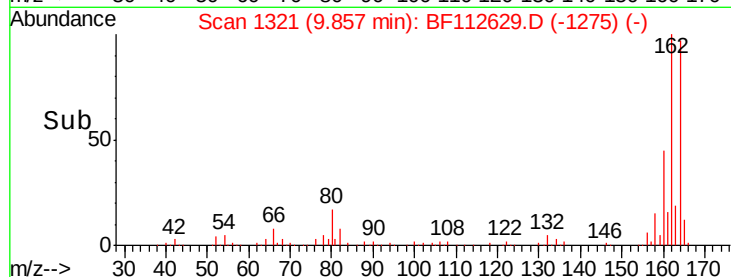
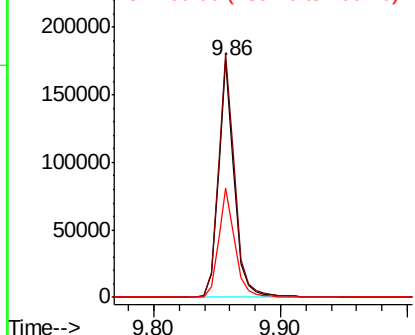
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TS-15

Tgt Ion:164 Resp: 154306
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.2 123.4
 160 46.0 36.2 54.4

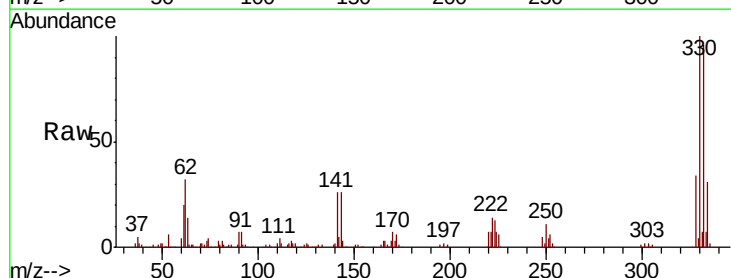


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

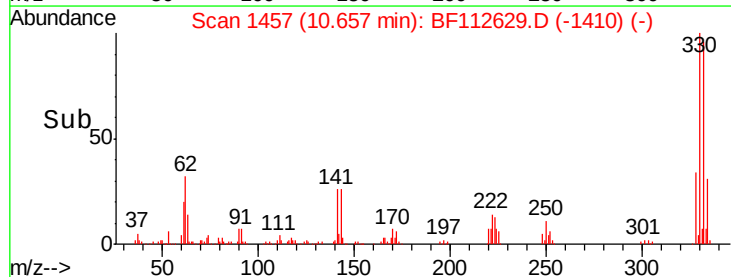
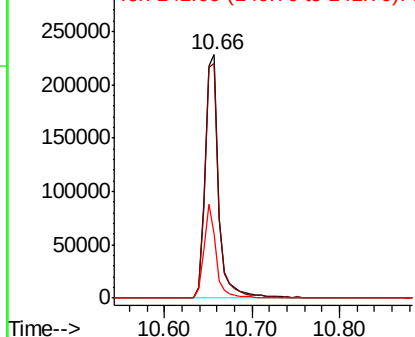


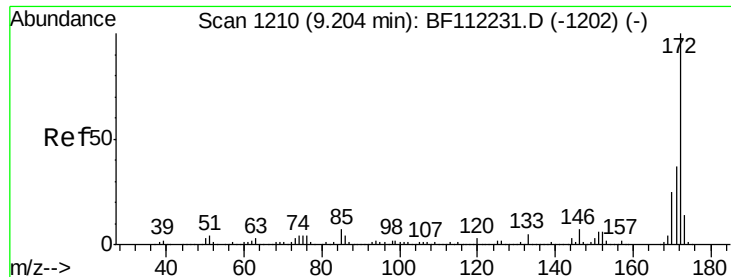
#42
 2,4,6-Tribromophenol
 Concen: 137.381 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Tgt Ion:330 Resp: 246748
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 34.4 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

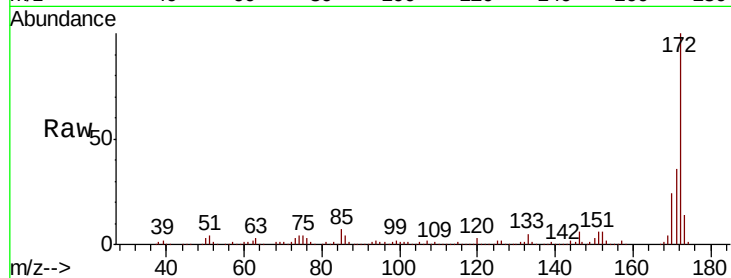




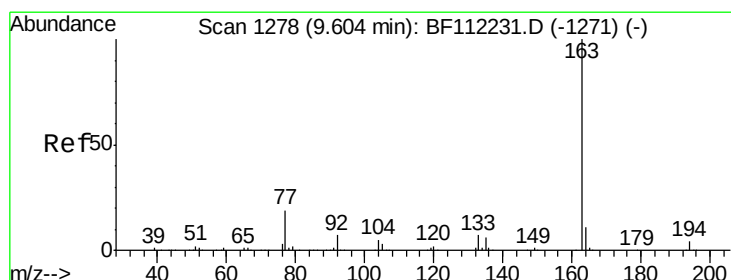
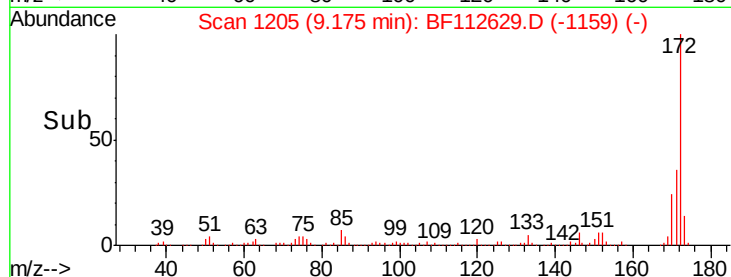
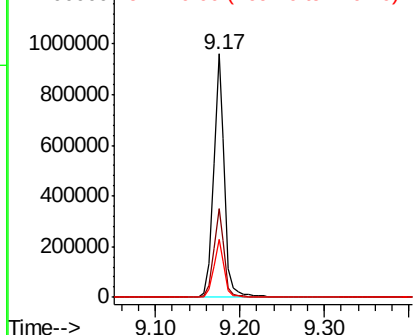
#45
 2-Fluorobiphenyl
 Concen: 81.115 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 884978
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.5 45.7
 170 23.8 20.2 30.4

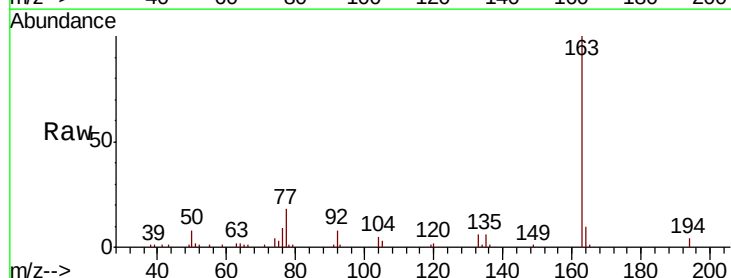


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

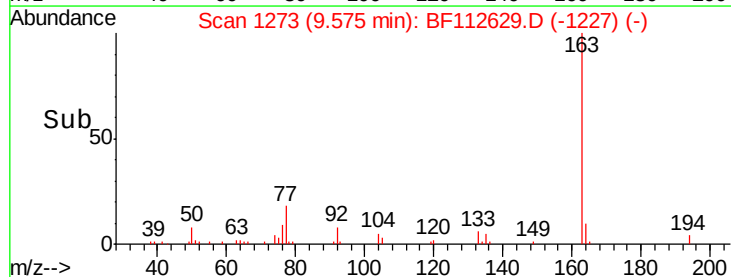
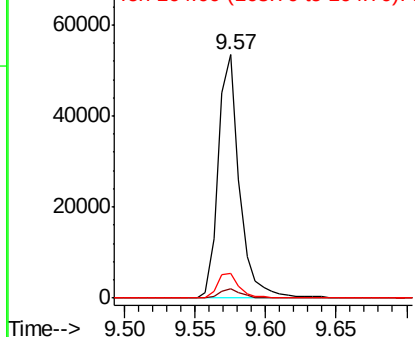


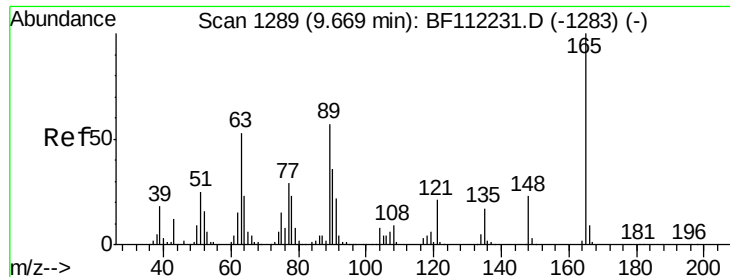
#50
 Dimethylphthalate
 Concen: 4.665 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Tgt Ion:163 Resp: 55931
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.3 4.9
 164 10.3 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

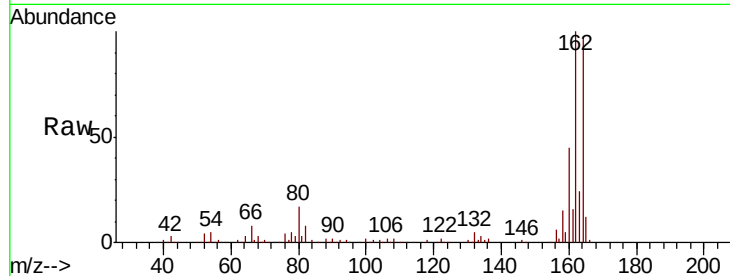




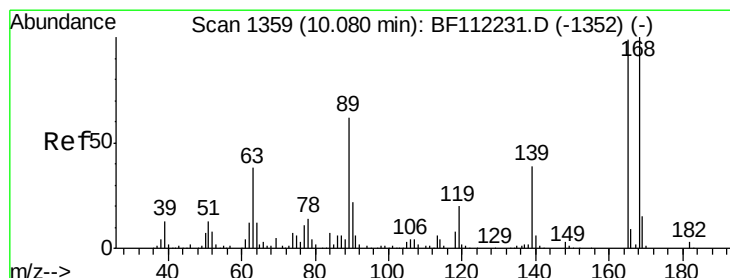
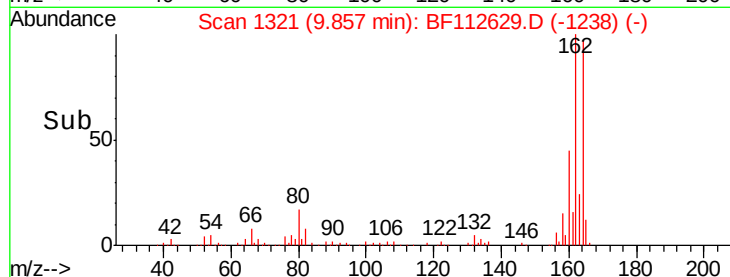
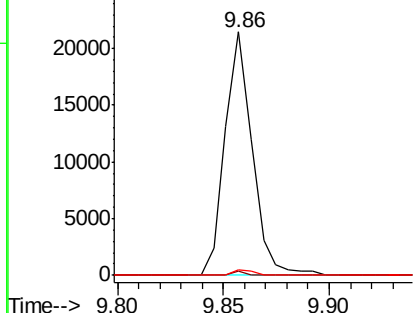
#51
 2,6-Dinitrotoluene
 Concen: 7.128 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.19 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TS-15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.8	50.8#
89	2.0	36.9	55.3#



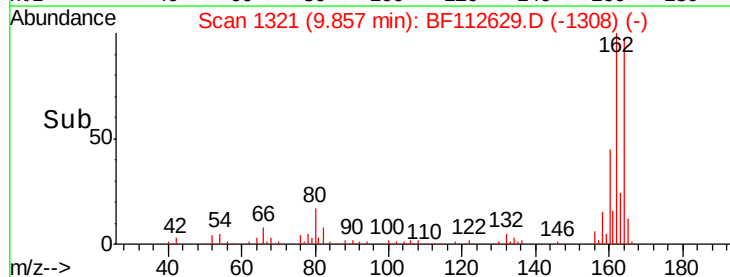
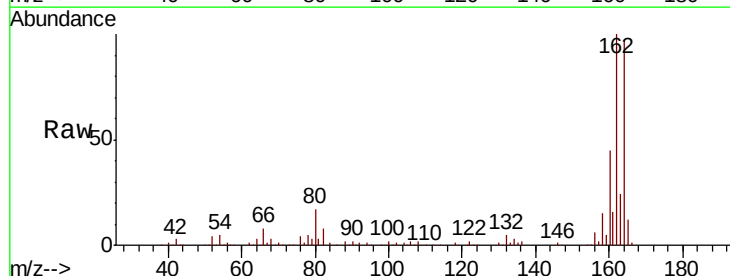
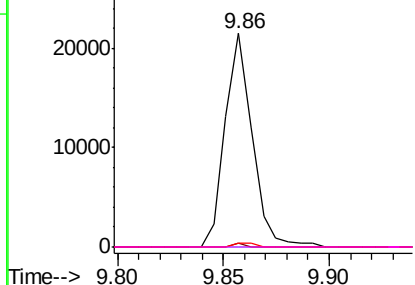
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

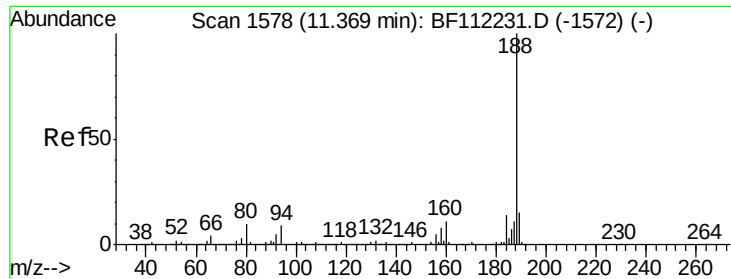


#57
 2,4-Dinitrotoluene
 Concen: 5.599 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	27.9	41.9#
89	2.0	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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

Instrument :

BNA_F

ClientSampleId :

TS-15

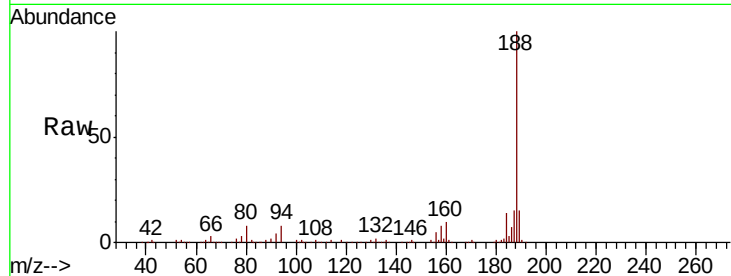
Tgt Ion:188 Resp: 300105

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

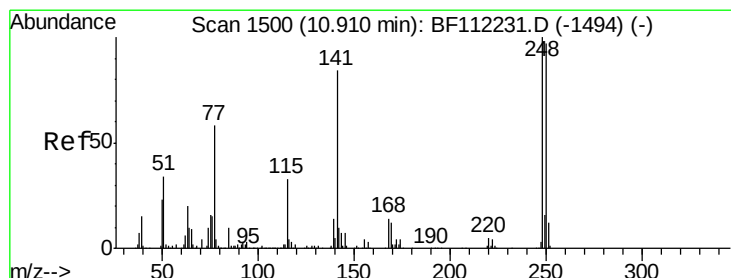
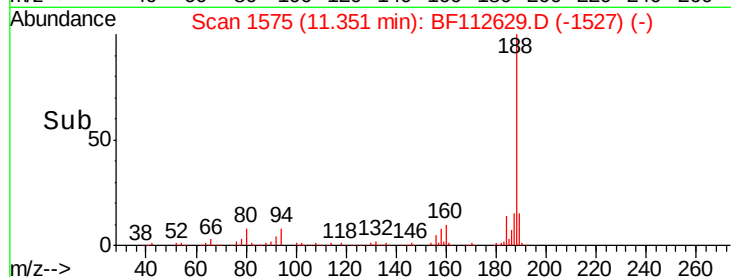
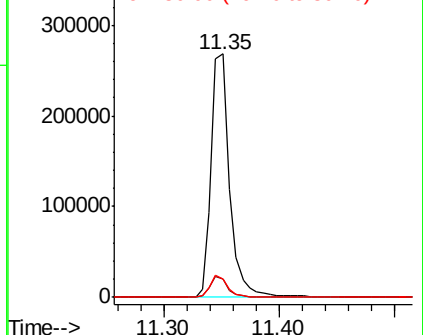
80 7.8 8.9 13.3#



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



#67

4-Bromophenyl-phenylether

Concen: 4.179 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.26 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

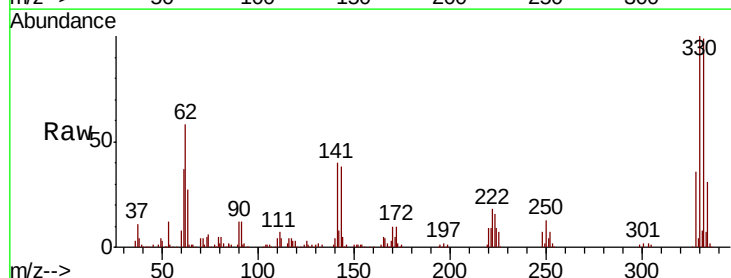
Tgt Ion:248 Resp: 14750

Ion Ratio Lower Upper

248 100

250 189.2 79.7 119.5#

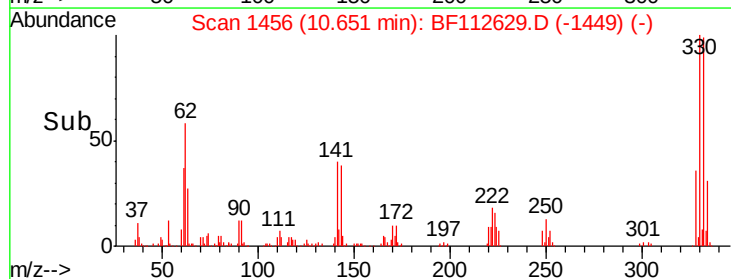
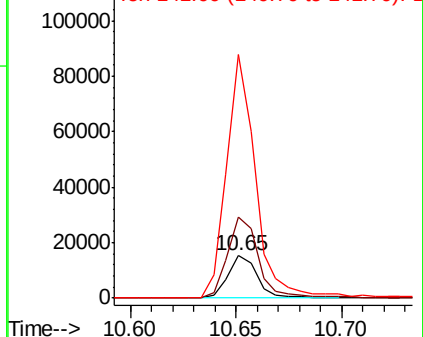
141 571.9 60.3 90.5#

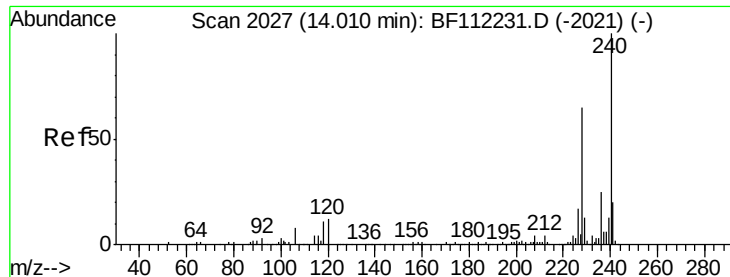


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2024

Delta R.T. -0.02 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

Instrument :

BNA_F

ClientSampleId :

TS-15

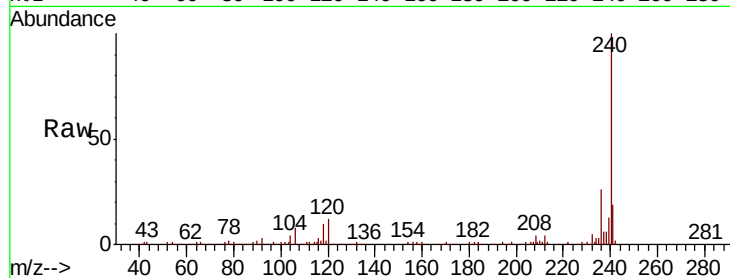
Tgt Ion:240 Resp: 227136

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

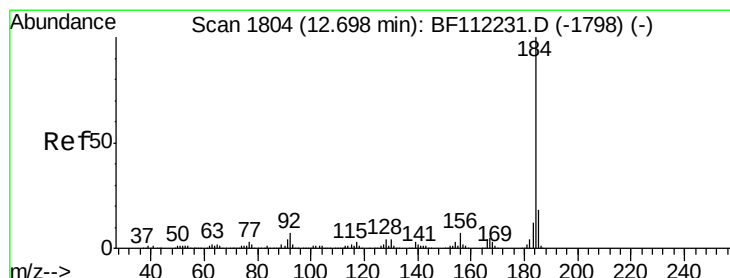
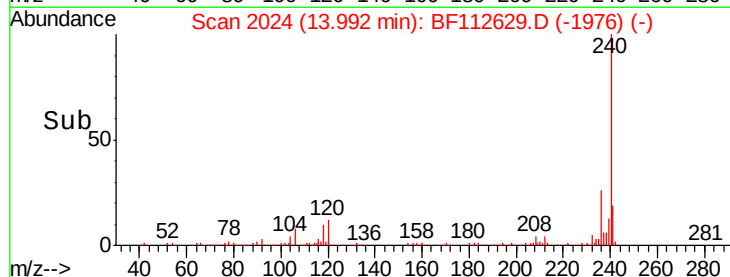
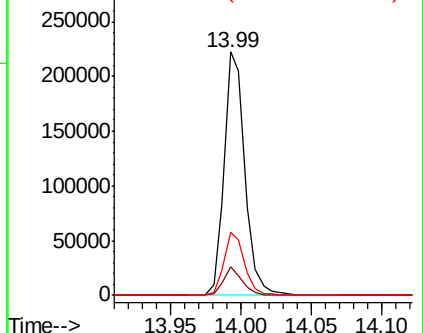
236 26.0 20.7 31.1



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: 2.199 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.23 min

Lab File: BF112629.D

Acq: 19 Feb 2019 19:05

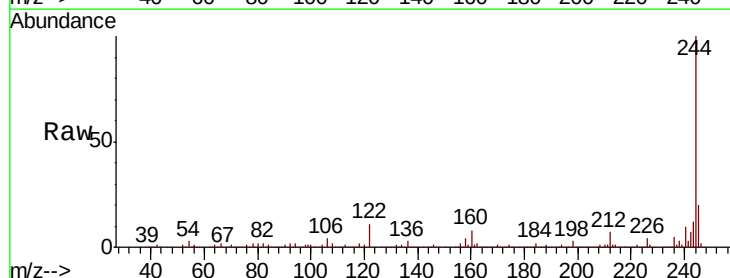
Tgt Ion:184 Resp: 13748

Ion Ratio Lower Upper

184 100

185 16.8 13.9 20.9

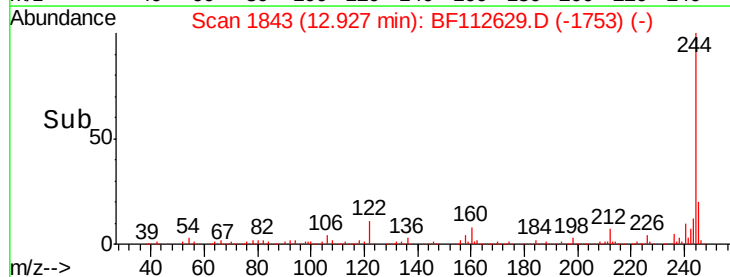
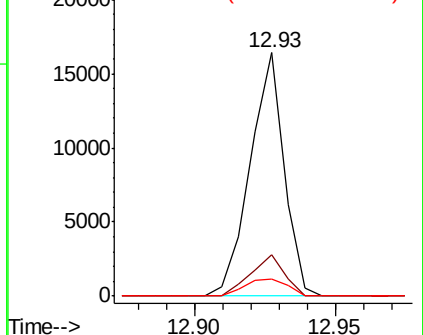
183 6.9 10.0 15.0#

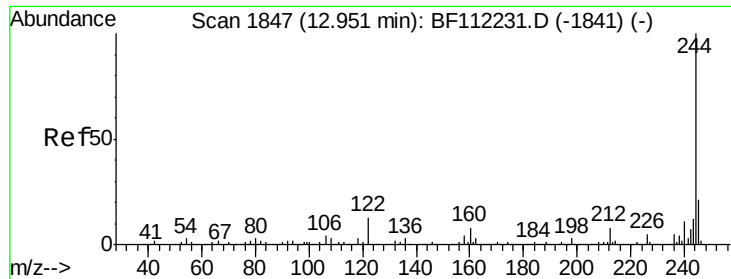


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

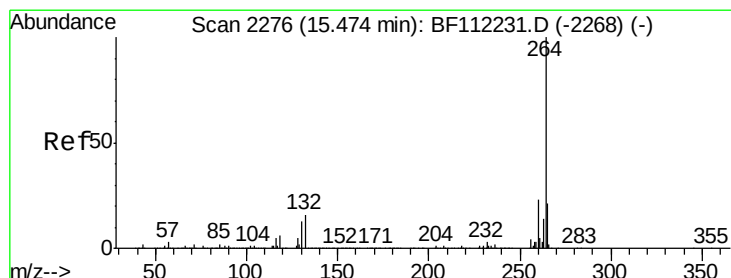
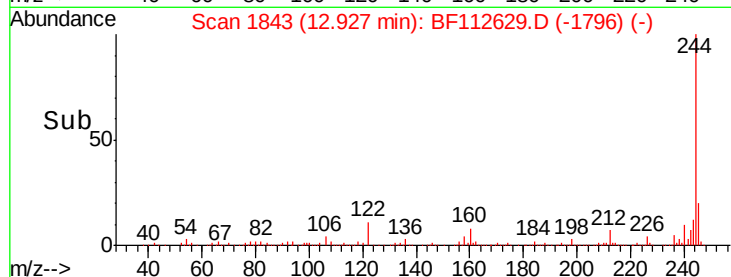
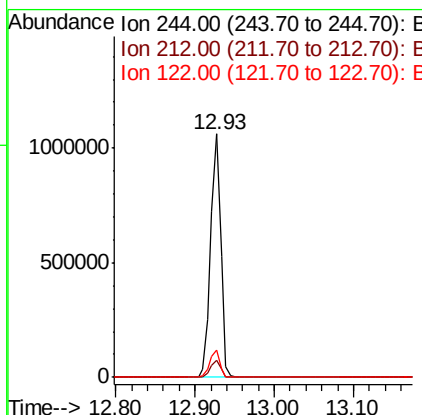
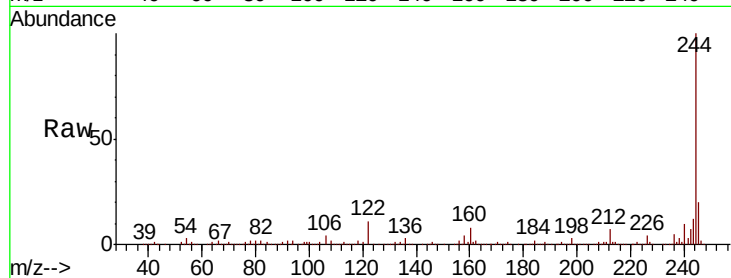




#79
 Terphenyl-d14
 Concen: 78.287 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112629.D
 Acq: 19 Feb 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TS-15

Tgt Ion:244 Resp: 944112
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.4 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: BF112629.D
 Acq: 19 Feb 2019 19:05

Tgt Ion:264 Resp: 189325
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 21.5 17.0 25.4

