

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
 Data File : BF112627.D
 Acq On : 19 Feb 2019 18:08
 Operator : JU/SJ
 Sample : K1515-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-8

Quant Time: Feb 19 23:37:32 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

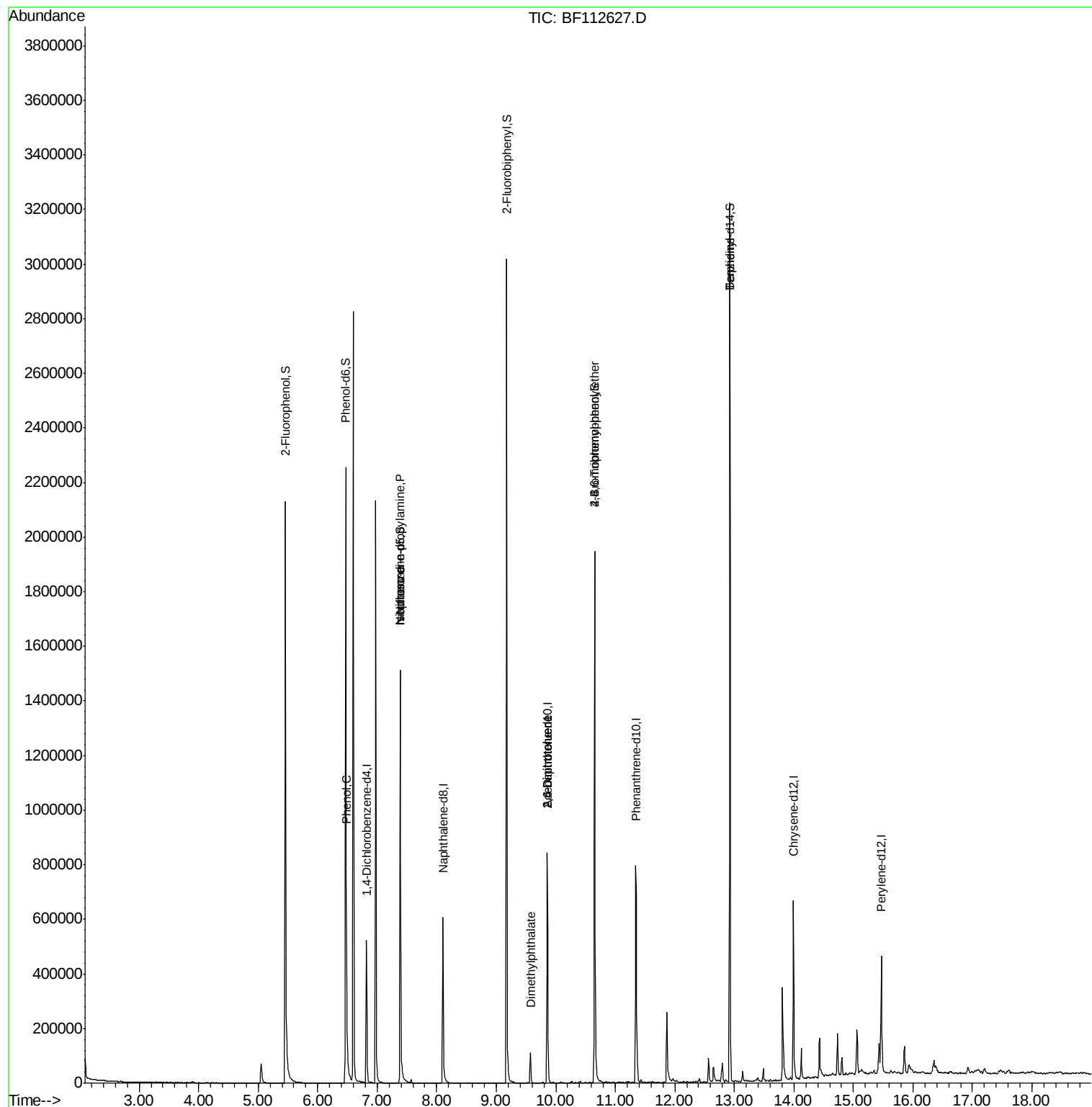
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85998	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	334129	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	164711	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	325483	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	244782	20.00	ng	-0.01
87) Perylene-d12	15.47	264	209525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	653193	161.33	ng	-0.02
7) Phenol-d6	6.47	99	821125	145.95	ng	-0.02
23) Nitrobenzene-d5	7.39	82	527906	91.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	267197	139.37	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	987176	84.77	ng	-0.03
79) Terphenyl-d14	12.93	244	1045879	80.47	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	17569	2.846	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.39	70	73733	19.007	ng	# 75
25) Isophorone	7.39	82	527902	58.029	ng	# 63
50) Dimethylphthalate	9.57	163	57646	4.505	ng	# 95
51) 2,6-Dinitrotoluene	9.86	165	20603	7.189	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	20603	5.647	ng	# 32
67) 4-Bromophenyl-phenylether	10.65	248	16789	4.386	ng	# 1
77) Benzidine	12.93	184	15652	2.323	ng	# 96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
Data File : BF112627.D
Acq On : 19 Feb 2019 18:08
Operator : JU/SJ
Sample : K1515-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-8

Quant Time: Feb 19 23:37:32 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# 805

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

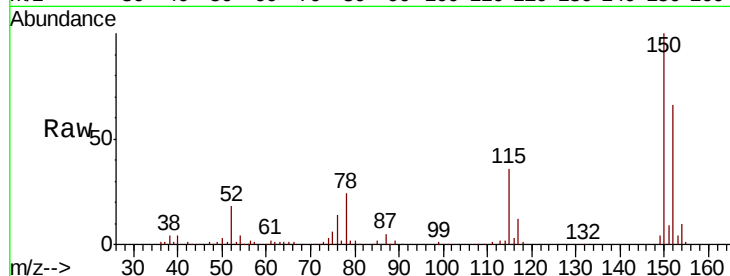
Tgt Ion:152 Resp: 85998

Ion Ratio Lower Upper

152 100

150 151.5 127.4 191.0

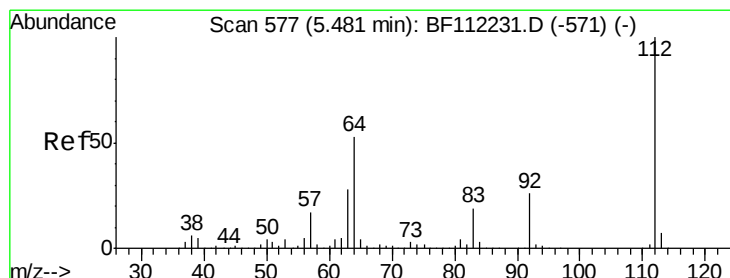
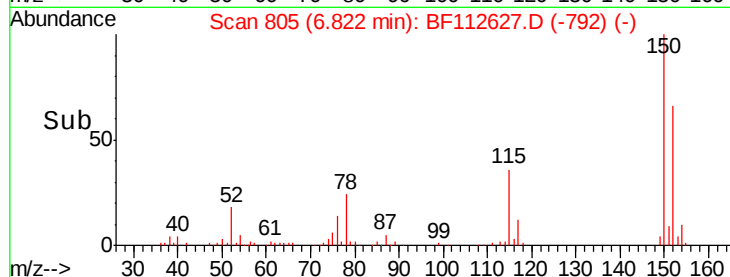
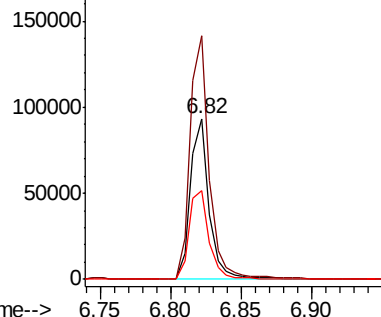
115 55.2 45.5 68.3



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: 161.332 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

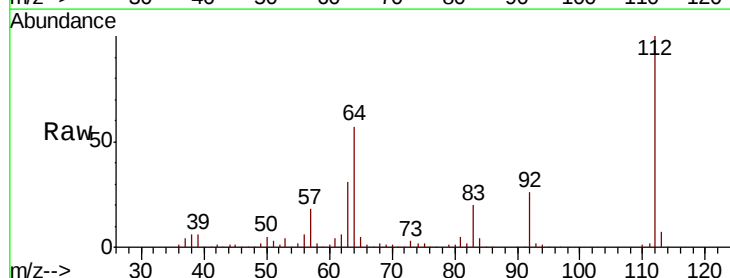
Tgt Ion:112 Resp: 653193

Ion Ratio Lower Upper

112 100

64 56.7 45.7 68.5

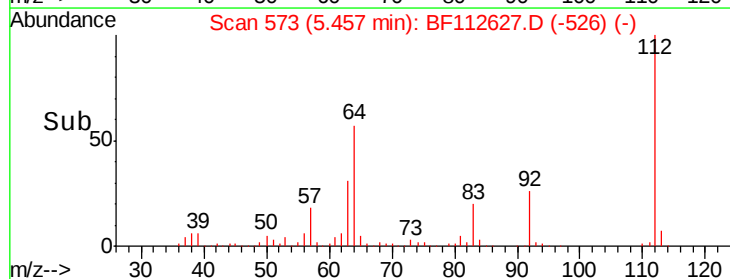
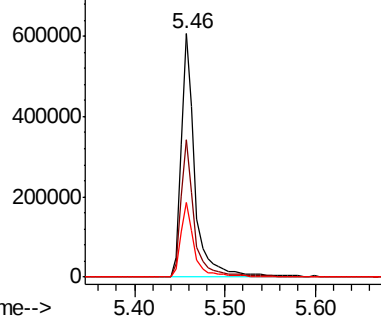
63 30.9 23.6 35.4



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: 145.953 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

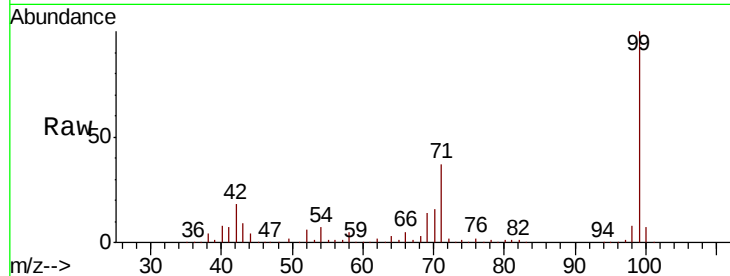
Tgt Ion: 99 Resp: 821125

Ion Ratio Lower Upper

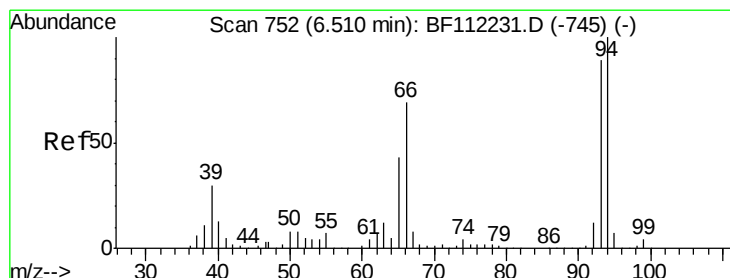
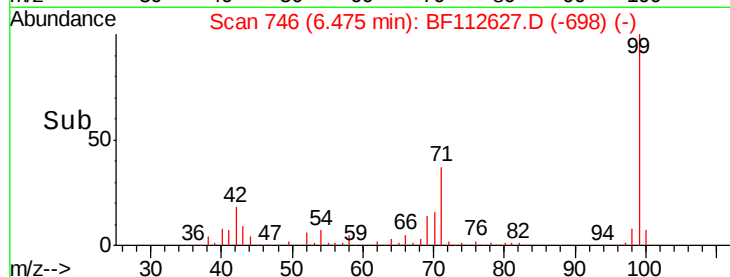
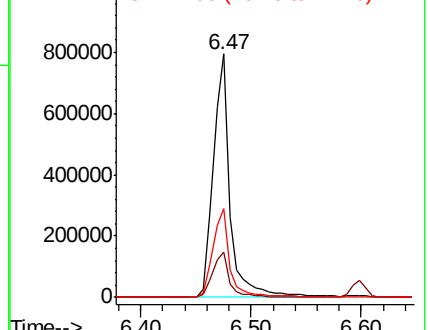
99 100

42 18.4 15.1 22.7

71 36.7 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



#10

Phenol

Concen: 2.846 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

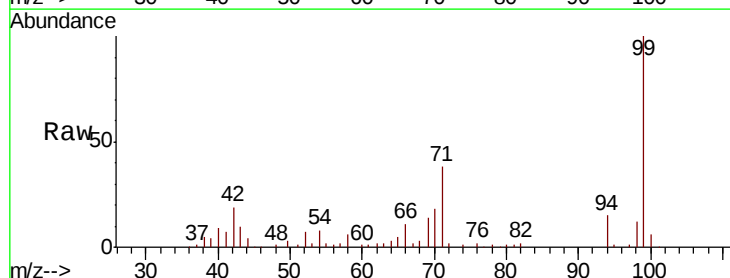
Tgt Ion: 94 Resp: 17569

Ion Ratio Lower Upper

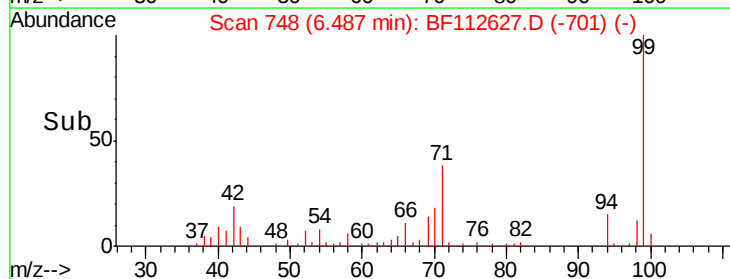
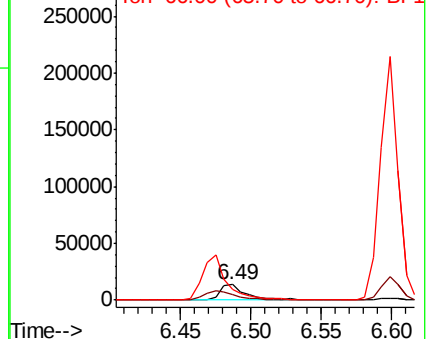
94 100

65 33.5 20.3 60.3

66 71.2 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

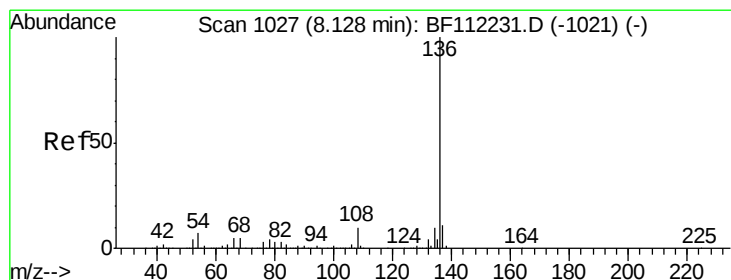
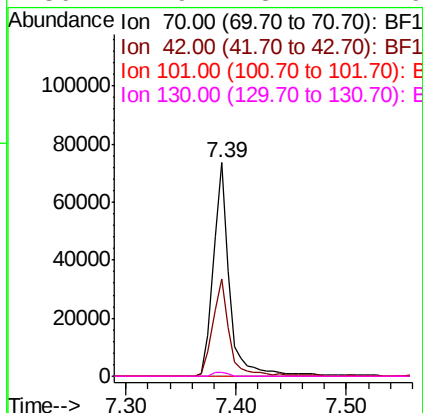
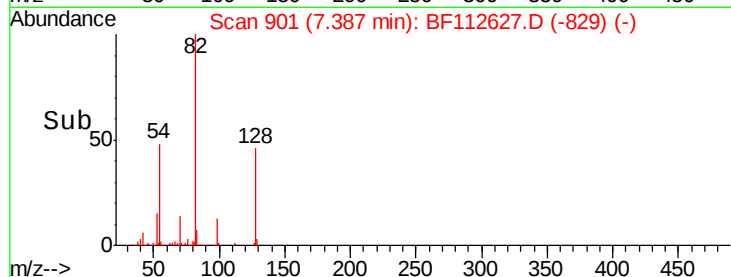
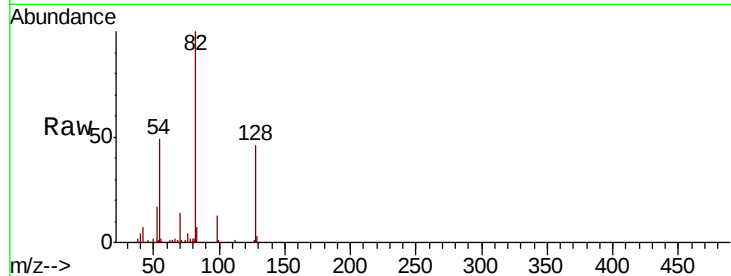




#19
n-Nitroso-di-n-propylamine
Concen: 19.007 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

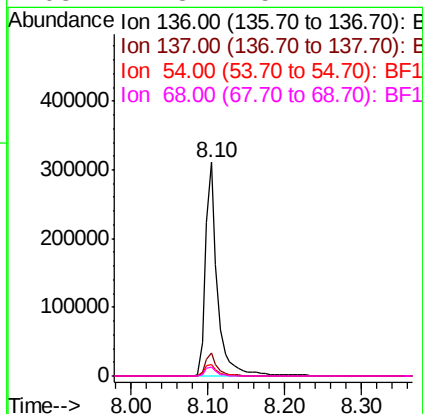
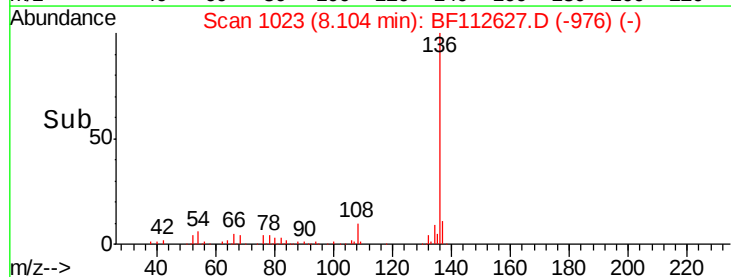
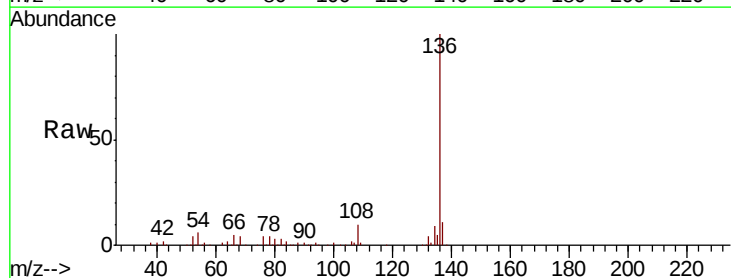
Instrument :
BNA_F
ClientSampleId :
TS-8

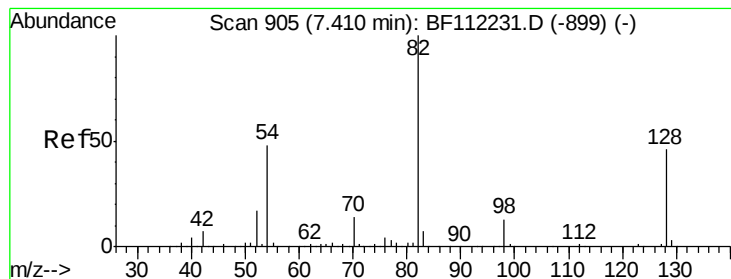
Tgt Ion: 70 Resp: 73733
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 7.9 11.9#
130 1.9 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

Tgt Ion: 136 Resp: 334129
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.6 5.9 8.9#
68 4.3 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 91.036 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

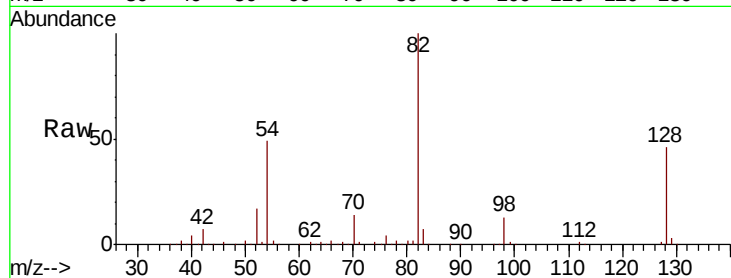
Tgt Ion: 82 Resp: 527906

Ion Ratio Lower Upper

82 100

128 45.7 37.8 56.8

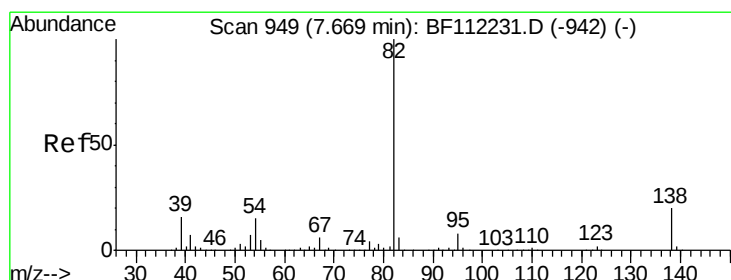
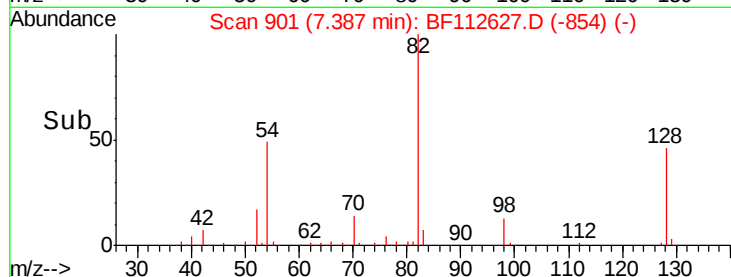
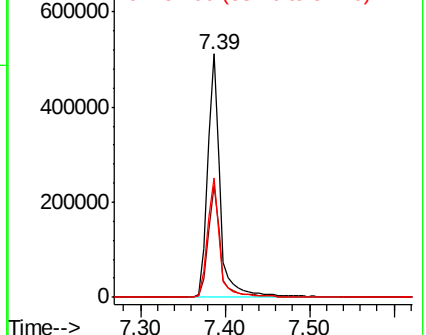
54 48.9 39.7 59.5



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: 58.029 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.28 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

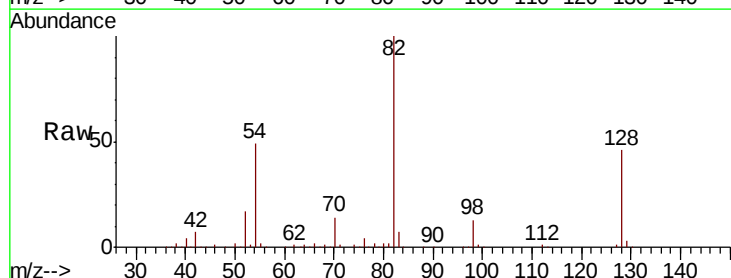
Tgt Ion: 82 Resp: 527902

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

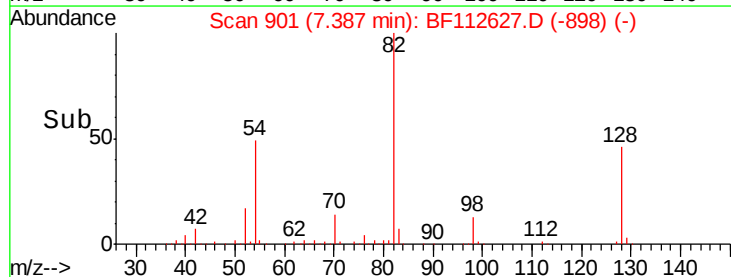
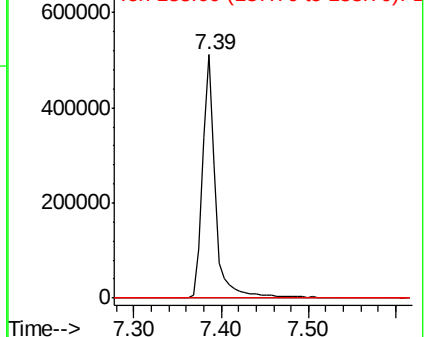
138 0.0 15.4 23.0#

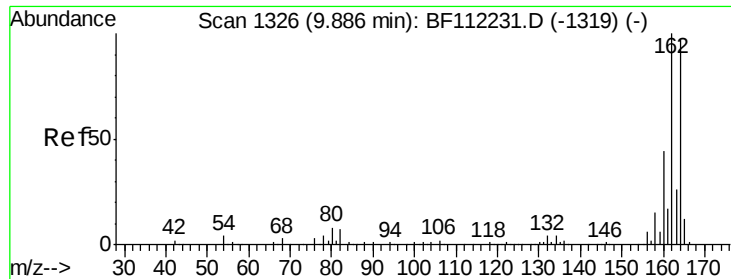


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

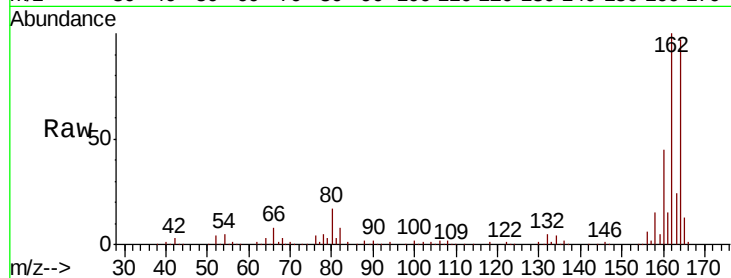
Tgt Ion:164 Resp: 164711

Ion Ratio Lower Upper

164 100

162 103.2 82.2 123.4

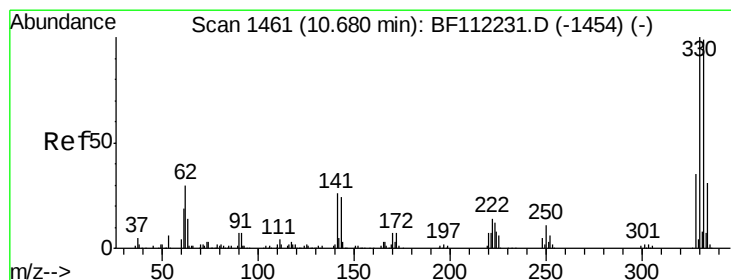
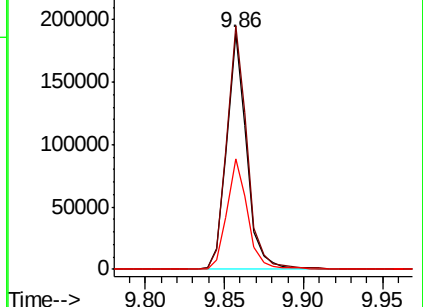
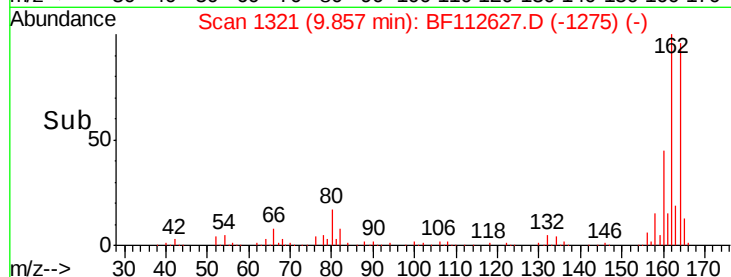
160 46.7 36.2 54.4



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: 139.369 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

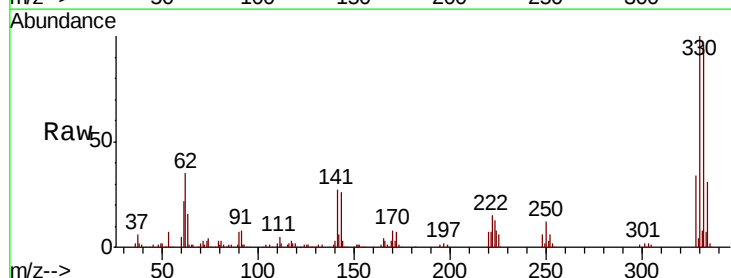
Tgt Ion:330 Resp: 267197

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

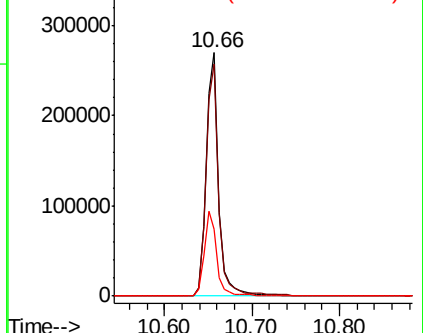
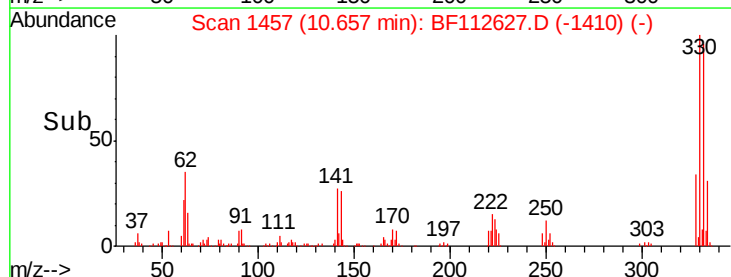
141 35.0 24.3 36.5



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

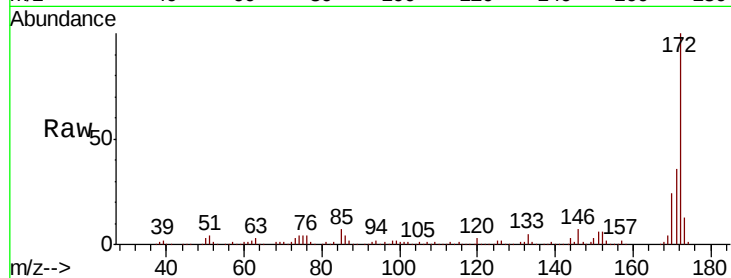




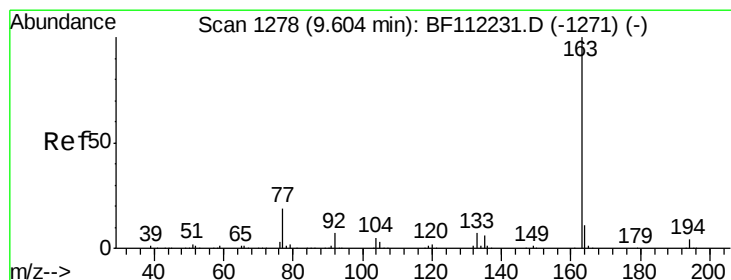
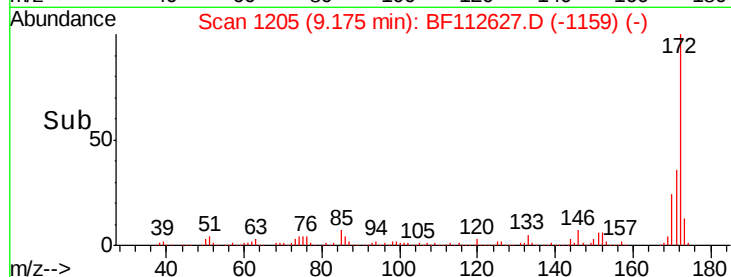
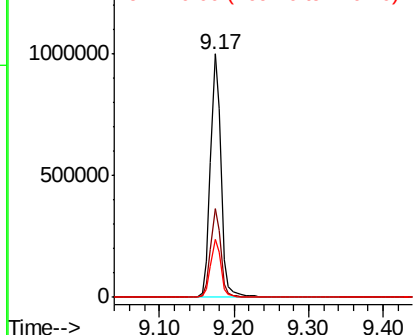
#45
 2-Fluorobiphenyl
 Concen: 84.767 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112627.D
 Acq: 19 Feb 2019 18:08

Instrument :
 BNA_F
 ClientSampleId :
 TS-8

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.9	20.2	30.4

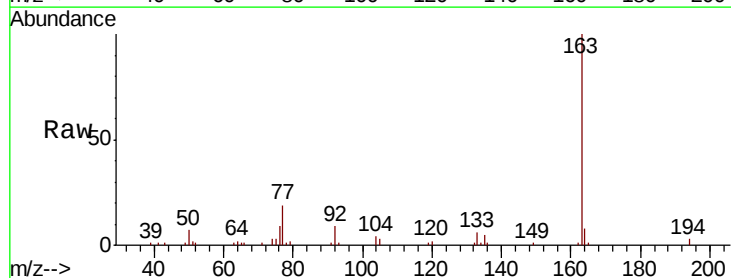


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

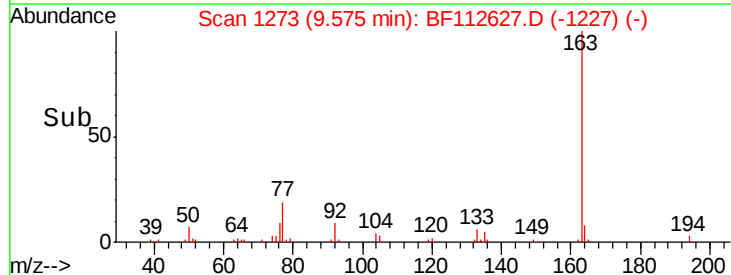
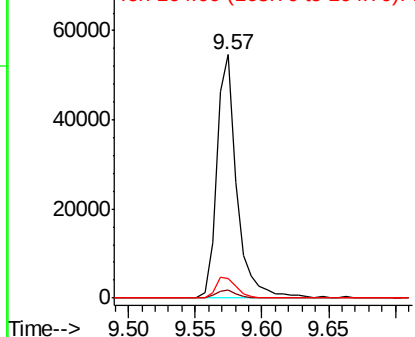


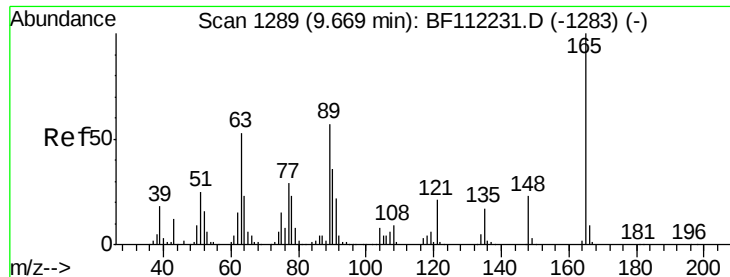
#50
 Dimethylphthalate
 Concen: 4.505 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BF112627.D
 Acq: 19 Feb 2019 18:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.3	4.9
164	8.3	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: 7.189 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.19 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

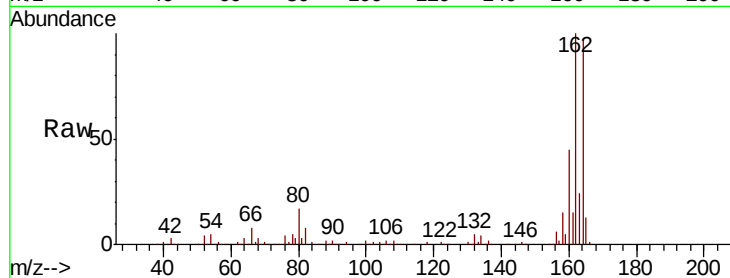
Tgt Ion:165 Resp: 20603

Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.8#

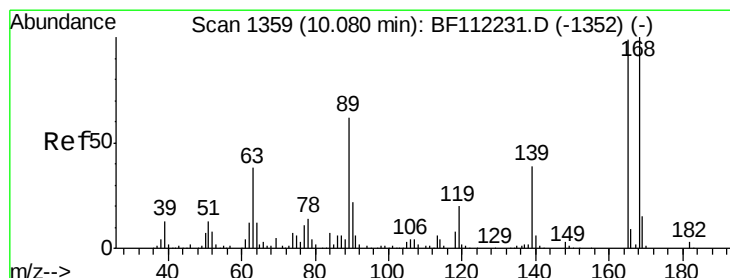
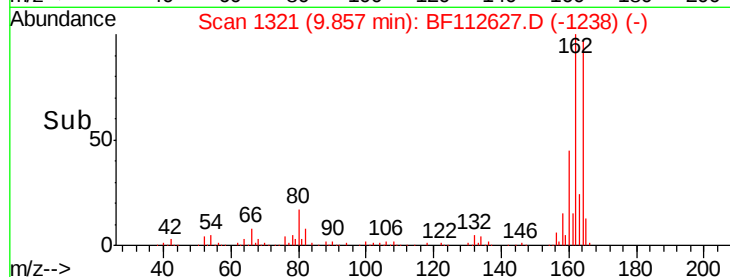
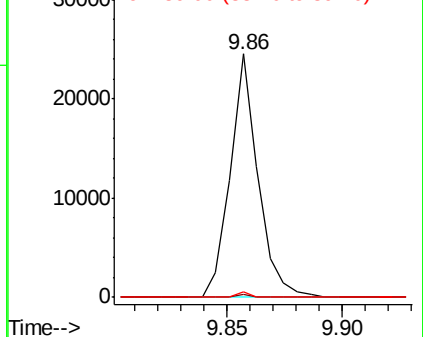
89 2.2 36.9 55.3#



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: 5.647 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Tgt Ion:165 Resp: 20603

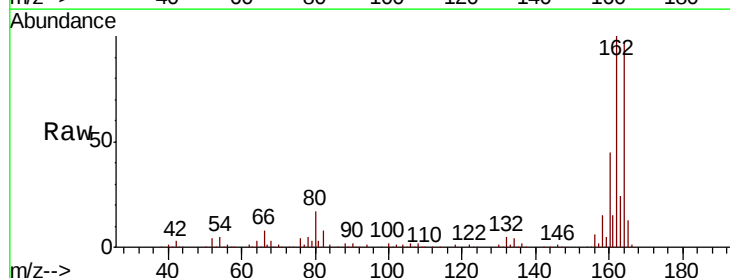
Ion Ratio Lower Upper

165 100

63 1.5 27.9 41.9#

89 2.2 47.9 71.9#

182 0.0 2.2 3.4#

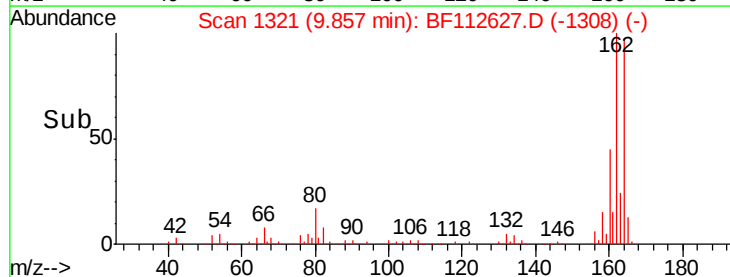
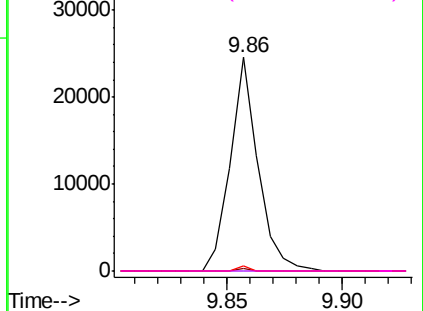


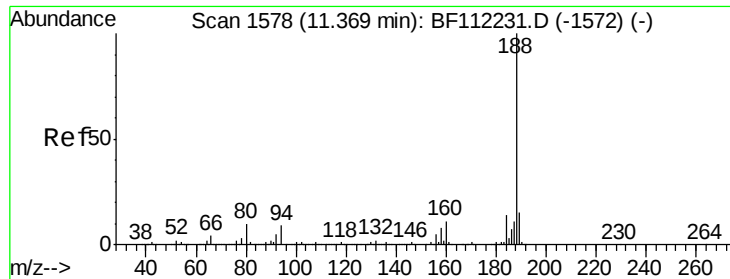
Abundance Ion 165.00 (164.70 to 165.70): E

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

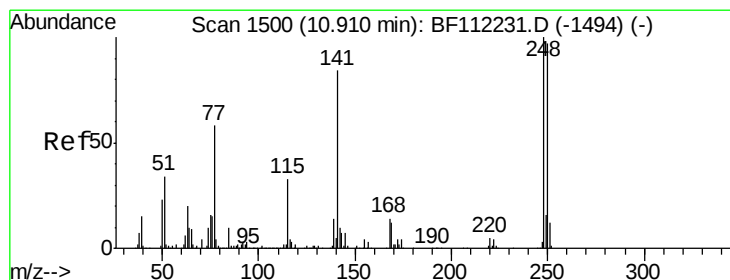
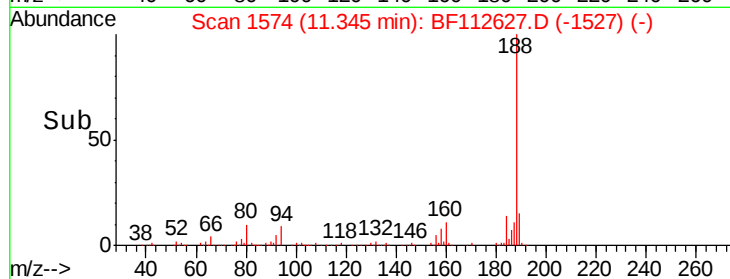
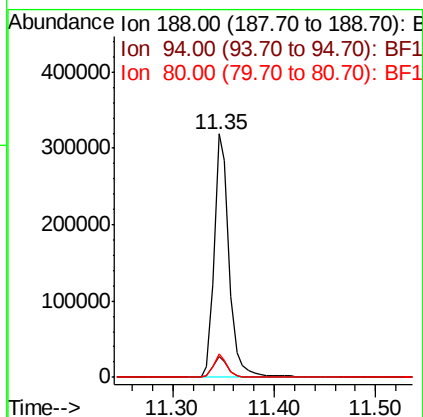
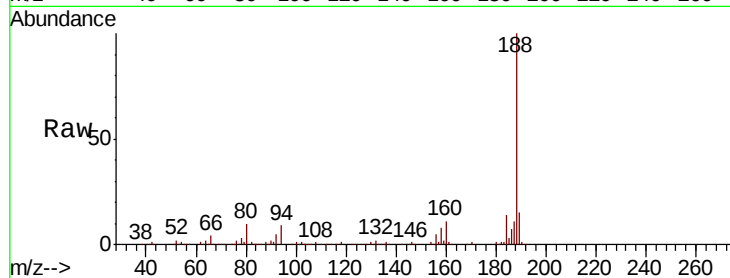




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

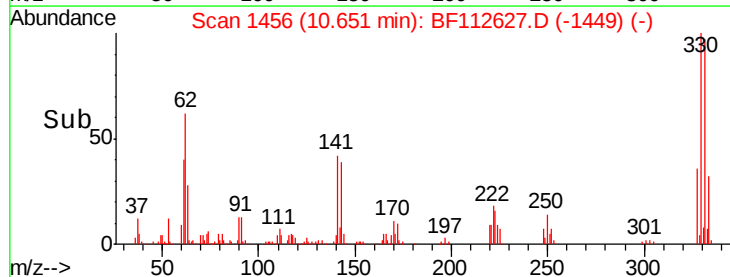
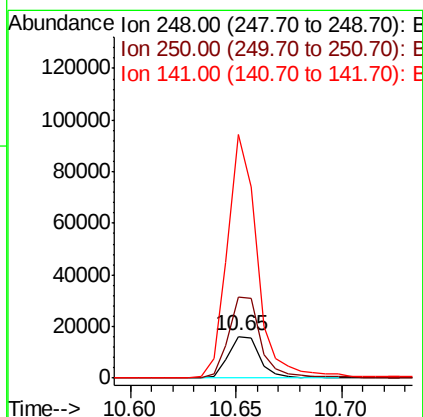
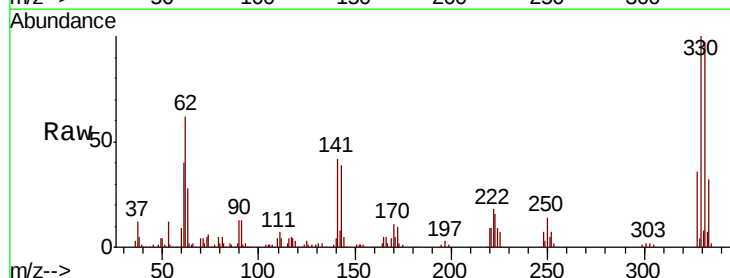
Instrument :
BNA_F
ClientSampleId :
TS-8

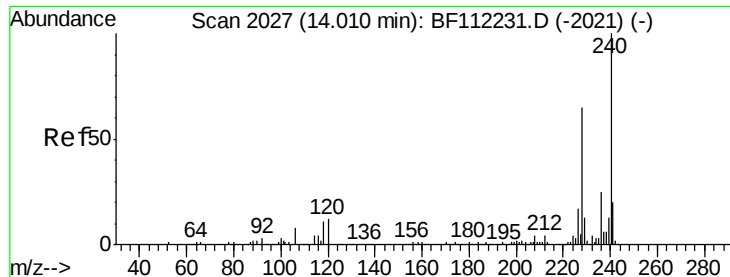
Tgt Ion:188 Resp: 325483
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.386 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.26 min
Lab File: BF112627.D
Acq: 19 Feb 2019 18:08

Tgt Ion:248 Resp: 16789
Ion Ratio Lower Upper
248 100
250 196.8 79.7 119.5#
141 586.5 60.3 90.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

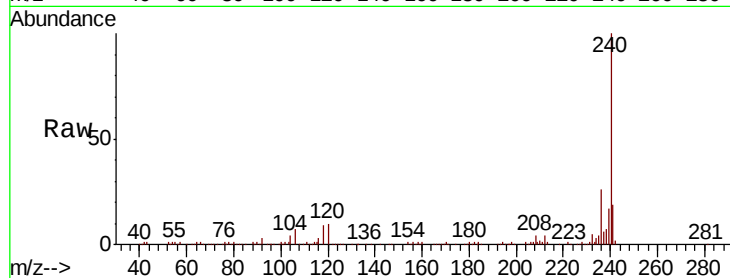
Tgt Ion:240 Resp: 244782

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

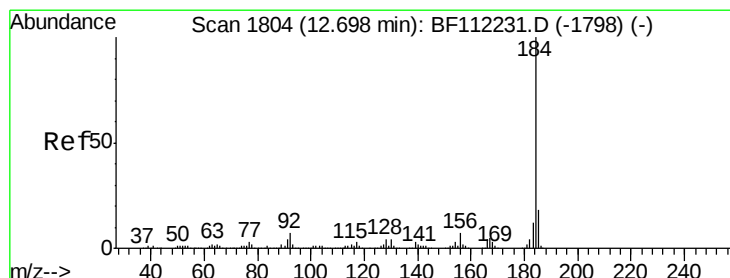
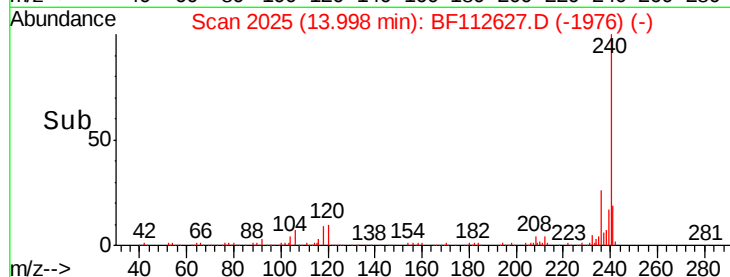
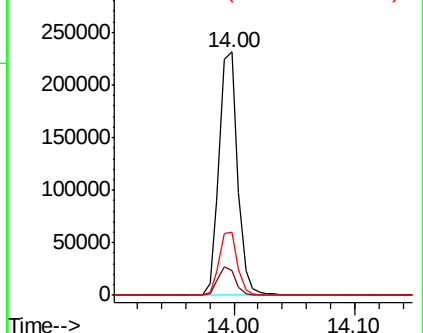
236 26.1 20.7 31.1



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: 2.323 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.23 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

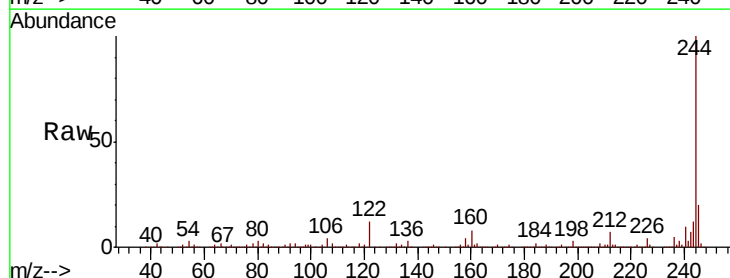
Tgt Ion:184 Resp: 15652

Ion Ratio Lower Upper

184 100

185 16.7 13.9 20.9

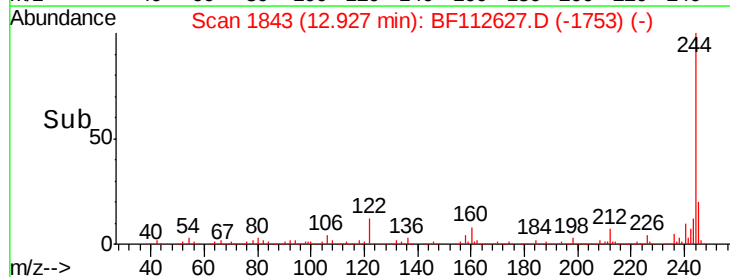
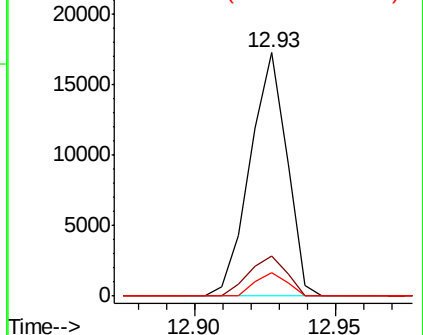
183 9.4 10.0 15.0#

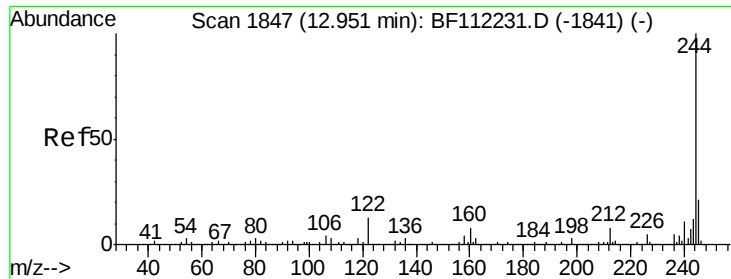


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 80.474 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

Instrument :

BNA_F

ClientSampleId :

TS-8

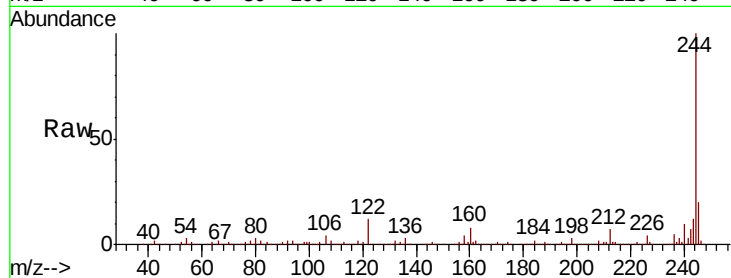
Tgt Ion:244 Resp: 1045879

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

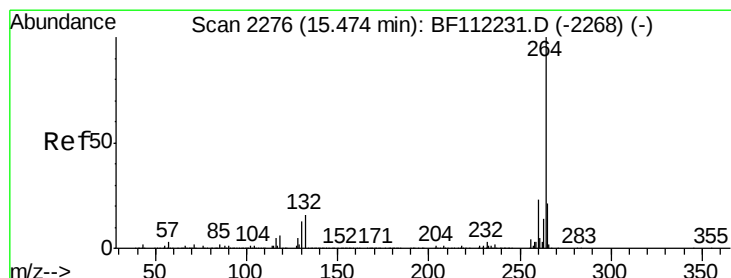
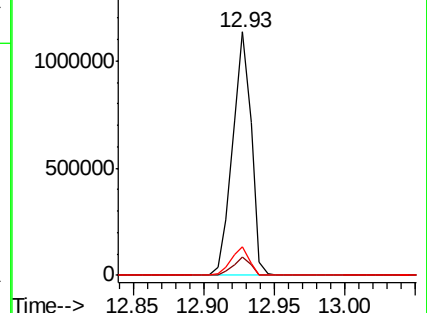
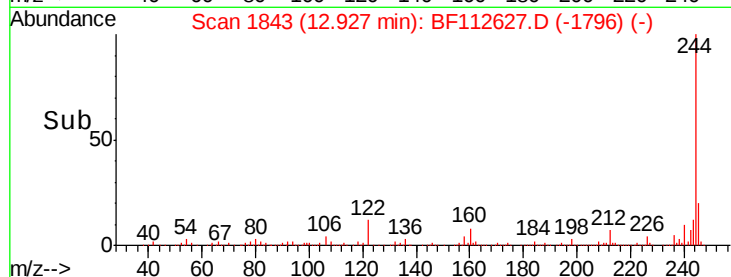
122 11.8 9.8 14.6



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112627.D

Acq: 19 Feb 2019 18:08

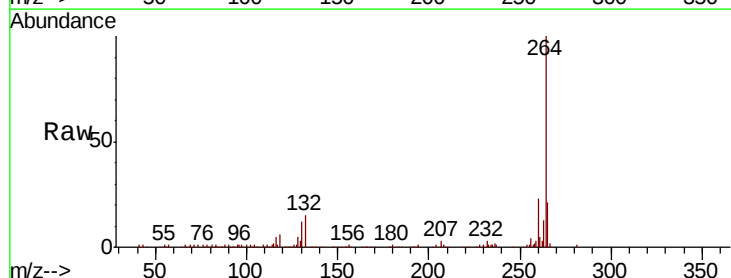
Tgt Ion:264 Resp: 209525

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 21.2 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

