

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
 Data File : BF112625.D
 Acq On : 19 Feb 2019 17:12
 Operator : JU/SJ
 Sample : K1515-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-12

Quant Time: Feb 19 23:37:08 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

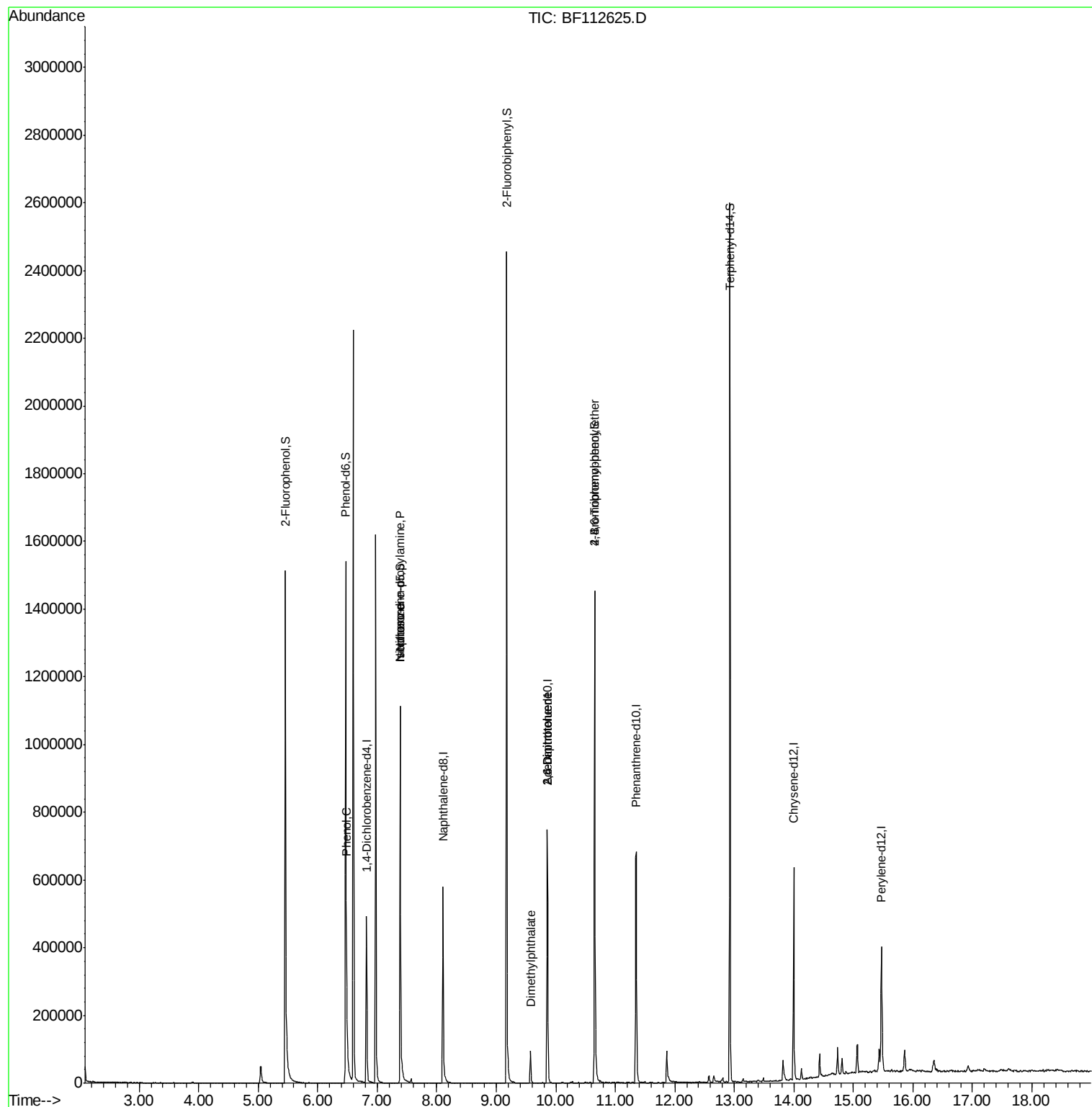
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81572	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	318951	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	154984	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	307107	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	227244	20.00	ng	-0.01
87) Perylene-d12	15.47	264	200168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	498316	129.76	ng	-0.02
7) Phenol-d6	6.47	99	639906	119.91	ng	-0.02
23) Nitrobenzene-d5	7.39	82	408726	73.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	201809	111.87	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	765652	69.87	ng	-0.03
79) Terphenyl-d14	12.93	244	794599	65.86	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	19430	3.319	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.39	70	54503	14.812	ng	# 77
25) Isophorone	7.39	82	408724	47.067	ng	# 63
50) Dimethylphthalate	9.57	163	48760	4.049	ng	98
51) 2,6-Dinitrotoluene	9.86	165	19564	7.254	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	19564	5.698	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	12503	3.461	ng	# 1

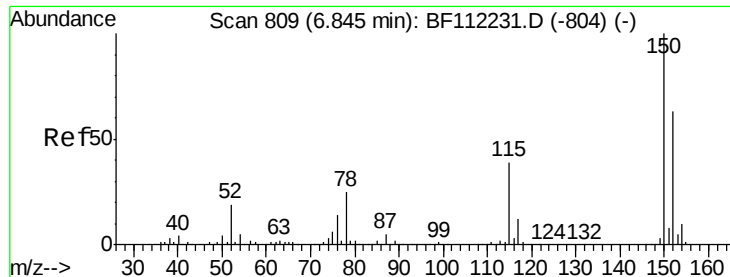
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF112625.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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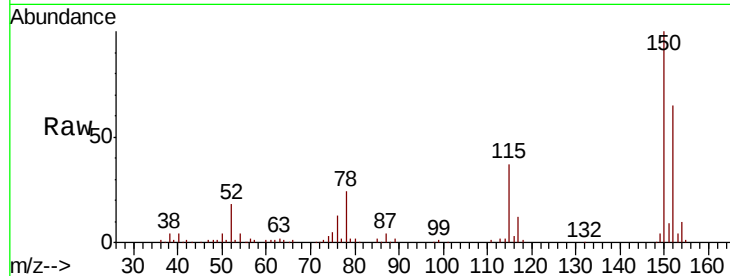


#1

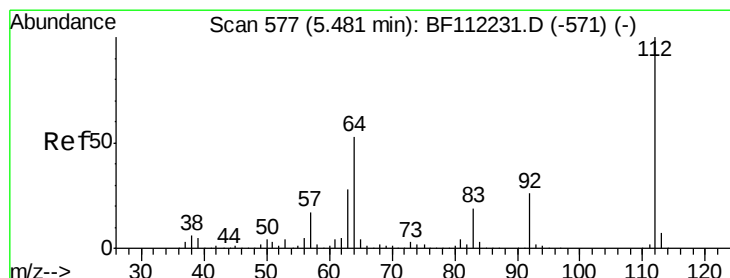
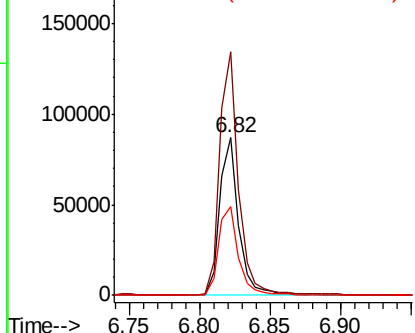
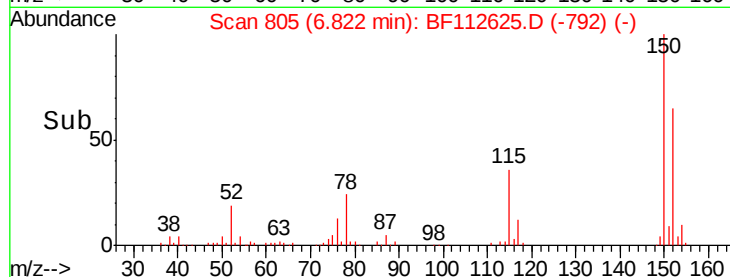
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112625.D
Acq: 19 Feb 2019 17:12

Instrument :
BNA_F
ClientSampleId :
TS-12

Tgt Ion:152 Resp: 81572
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 56.6 45.5 68.3



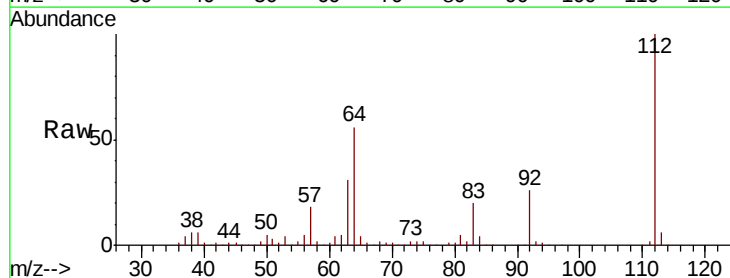
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



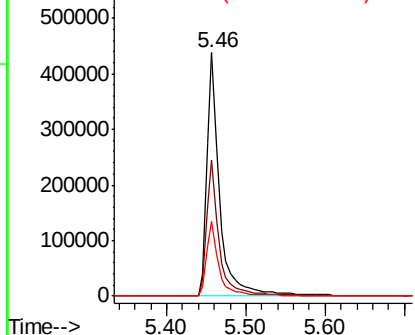
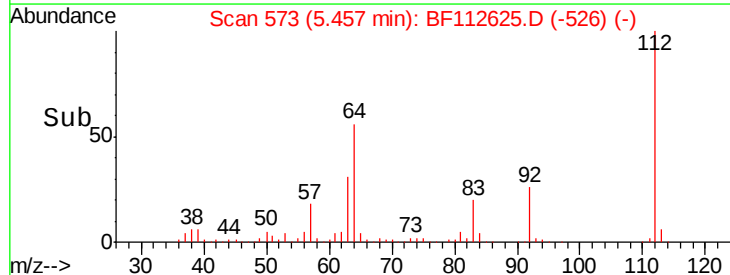
#5

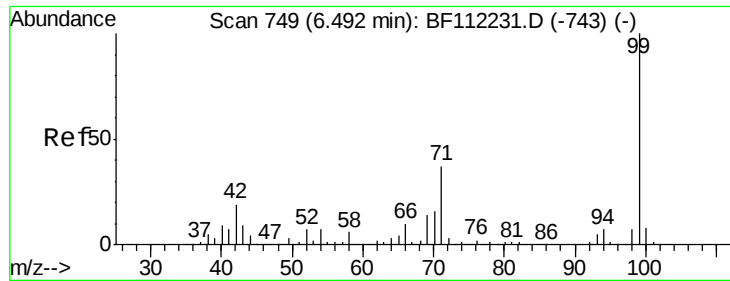
2-Fluorophenol
Concen: 129.757 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112625.D
Acq: 19 Feb 2019 17:12

Tgt Ion:112 Resp: 498316
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 30.6 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: 119.914 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112625.D

Acq: 19 Feb 2019 17:12

Instrument :

BNA_F

ClientSampleId :

TS-12

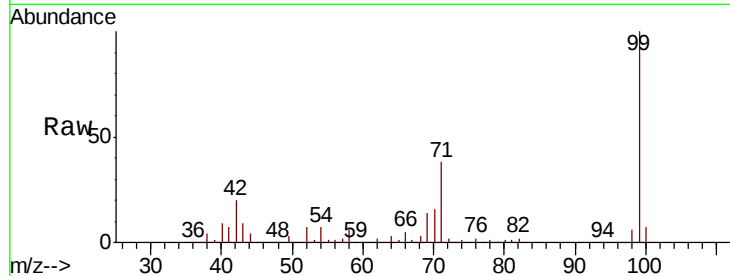
Tgt Ion: 99 Resp: 639906

Ion Ratio Lower Upper

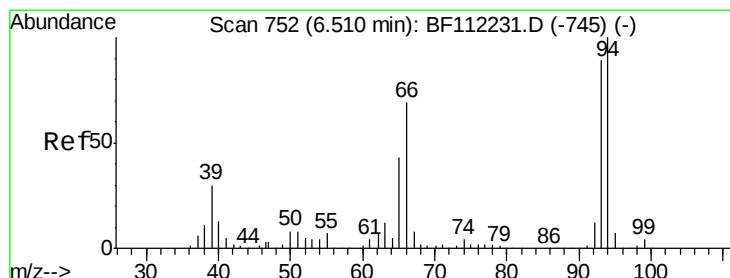
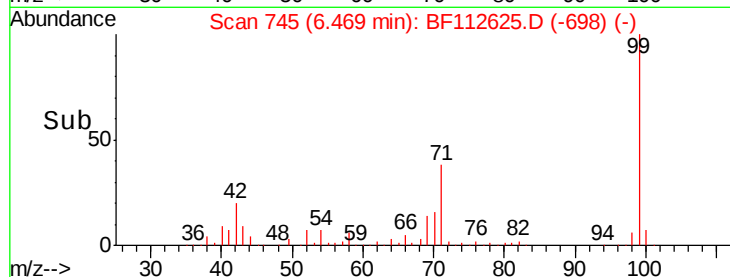
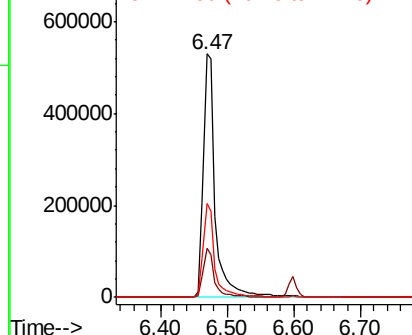
99 100

42 20.2 15.1 22.7

71 38.5 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: 3.319 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112625.D

Acq: 19 Feb 2019 17:12

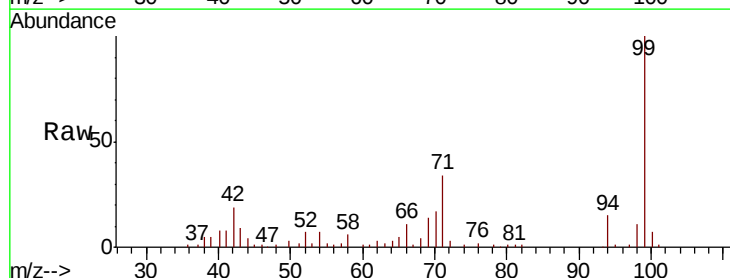
Tgt Ion: 94 Resp: 19430

Ion Ratio Lower Upper

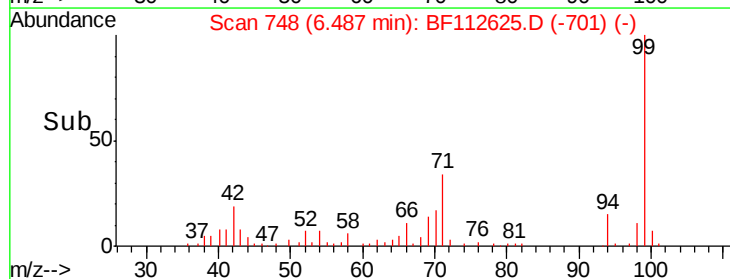
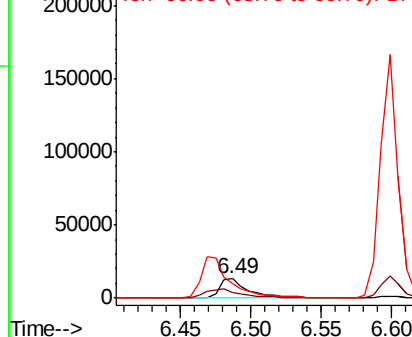
94 100

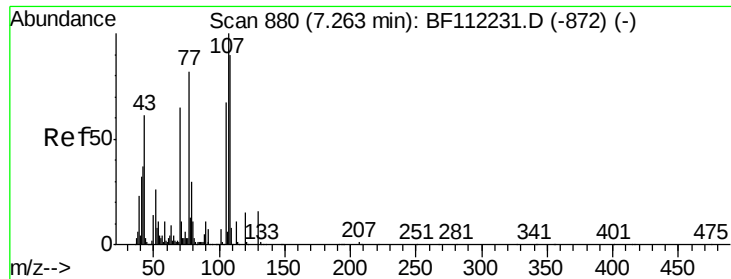
65 32.0 20.3 60.3

66 73.1 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

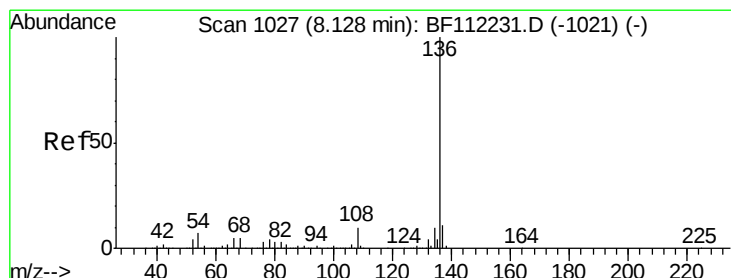
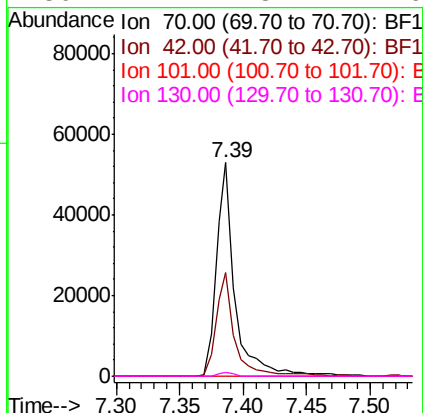
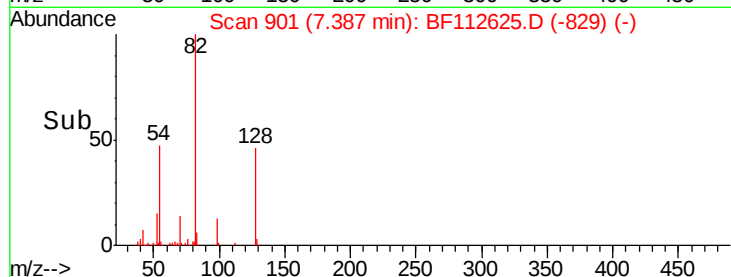
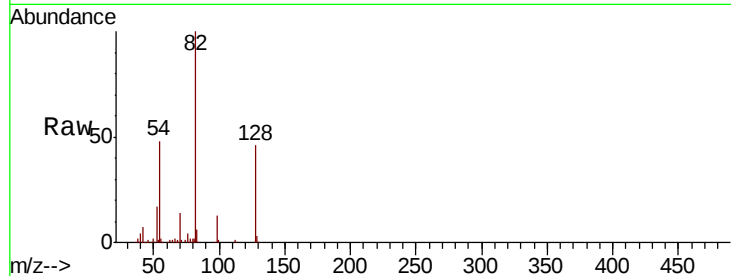




#19
n-Nitroso-di-n-propylamine
Concen: 14.812 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112625.D
Acq: 19 Feb 2019 17:12

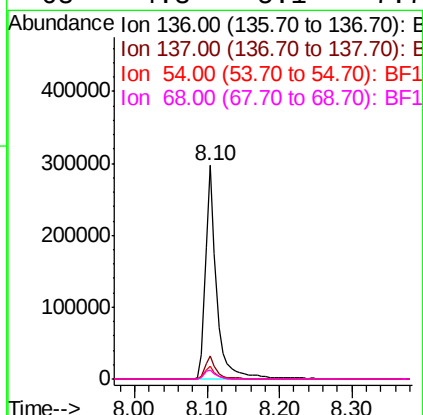
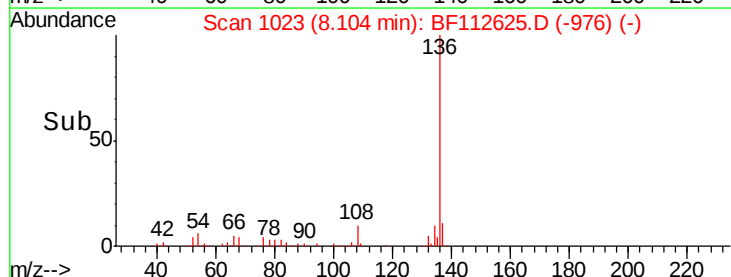
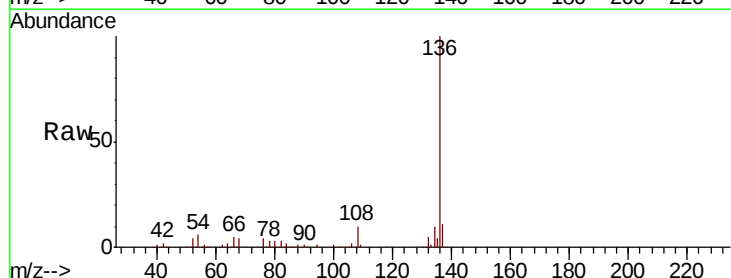
Instrument :
BNA_F
ClientSampleId :
TS-12

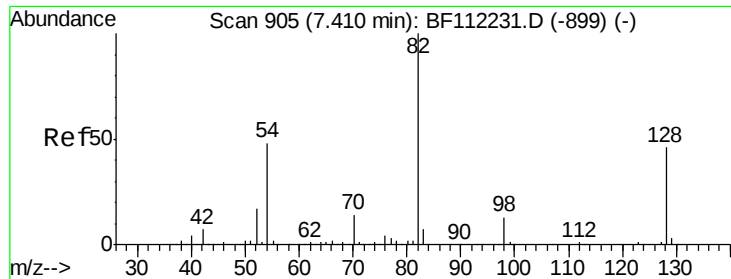
Tgt Ion: 70 Resp: 54503
Ion Ratio Lower Upper
70 100
42 48.3 47.6 71.4
101 0.0 7.9 11.9#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112625.D
Acq: 19 Feb 2019 17:12

Tgt Ion: 136 Resp: 318951
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.9 5.9 8.9
68 4.3 5.1 7.7#

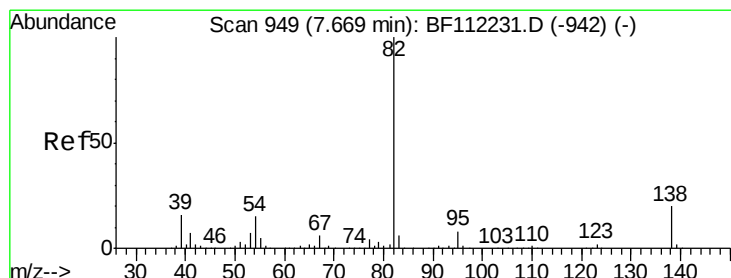
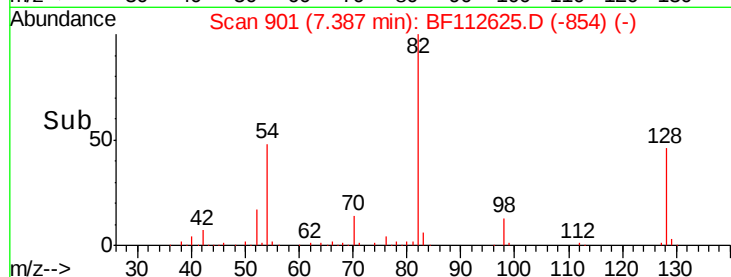
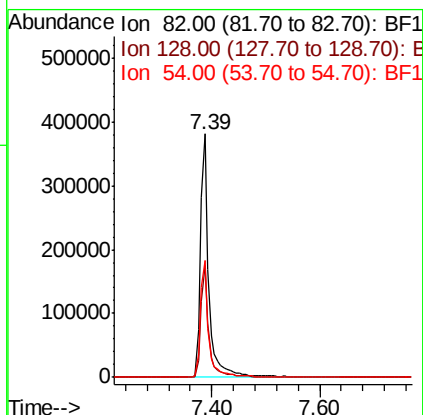
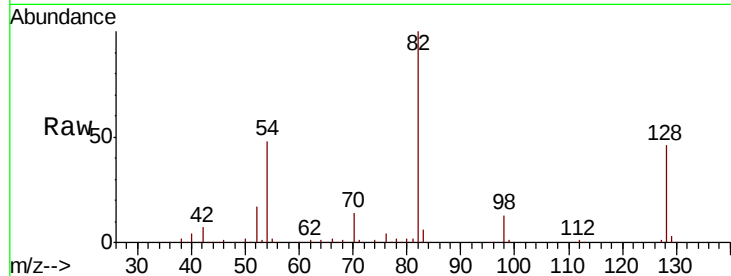




#23
 Nitrobenzene-d5
 Concen: 73.838 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112625.D
 Acq: 19 Feb 2019 17:12

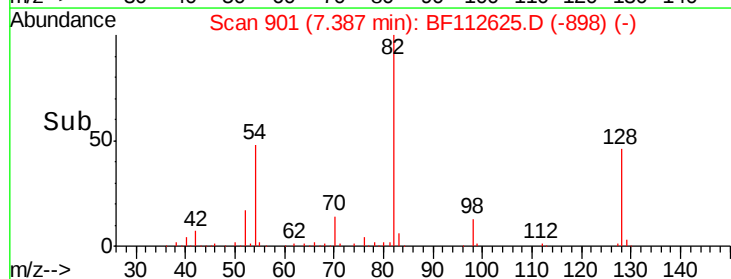
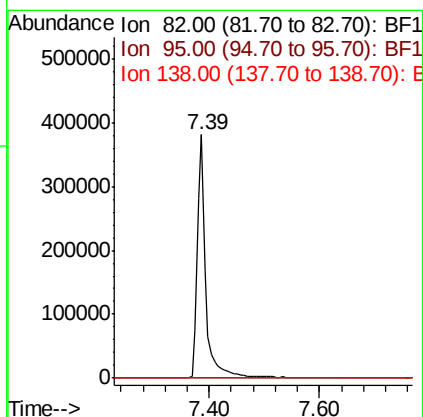
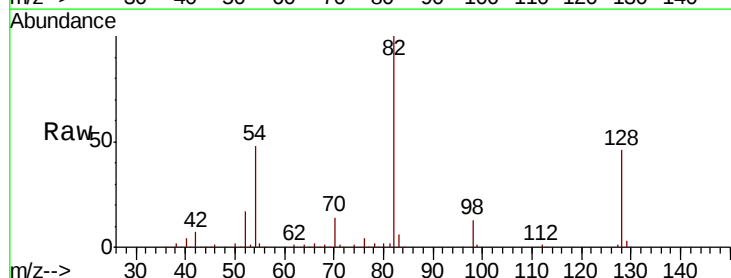
Instrument :
 BNA_F
 ClientSampleId :
 TS-12

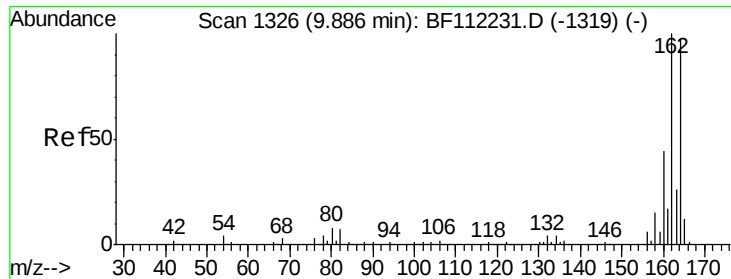
Tgt Ion: 82 Resp: 408726
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.8 56.8
 54 47.9 39.7 59.5



#25
 Isophorone
 Concen: 47.067 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.28 min
 Lab File: BF112625.D
 Acq: 19 Feb 2019 17:12

Tgt Ion: 82 Resp: 408724
 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: BF112625.D

Acq: 19 Feb 2019 17:12

Instrument :

BNA_F

ClientSampleId :

TS-12

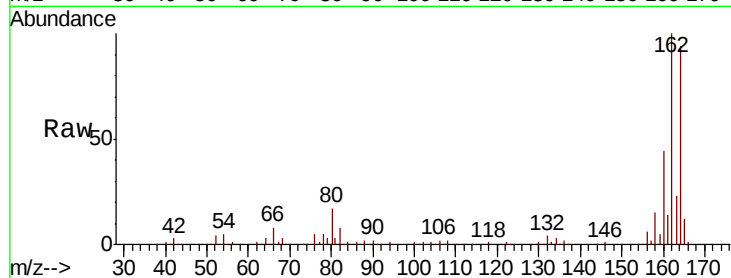
Tgt Ion:164 Resp: 154984

Ion Ratio Lower Upper

164 100

162 106.7 82.2 123.4

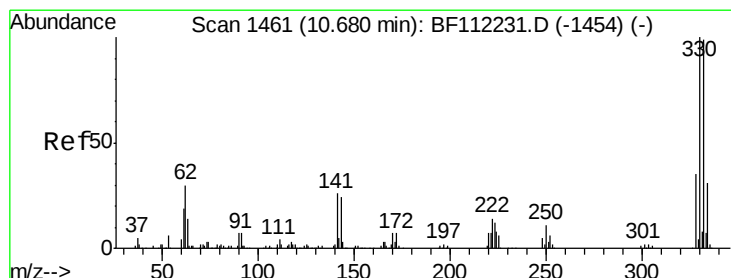
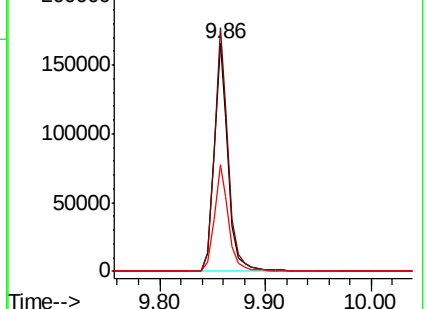
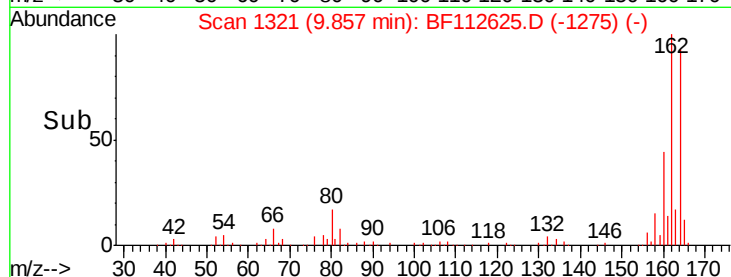
160 46.5 36.2 54.4



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: 111.869 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112625.D

Acq: 19 Feb 2019 17:12

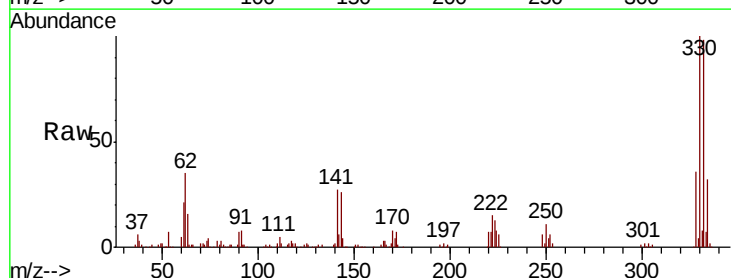
Tgt Ion:330 Resp: 201809

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

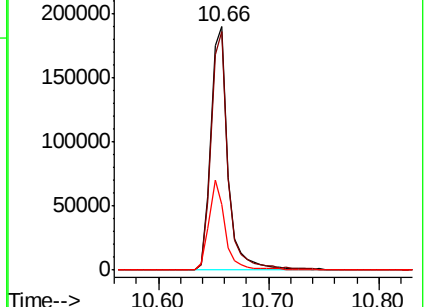
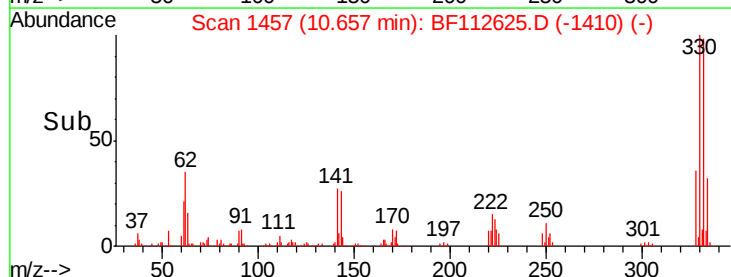
141 34.6 24.3 36.5

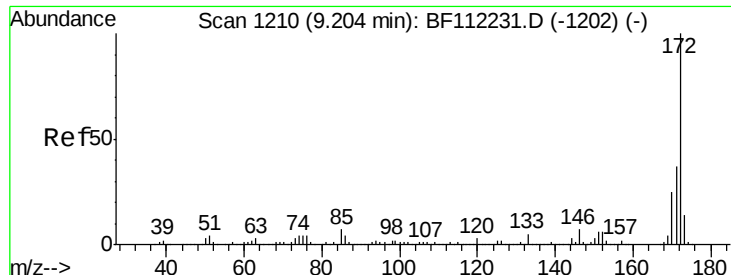


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

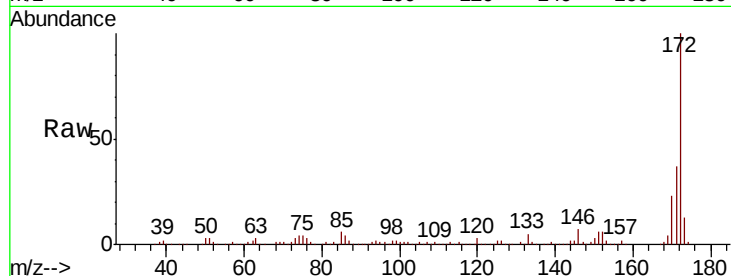




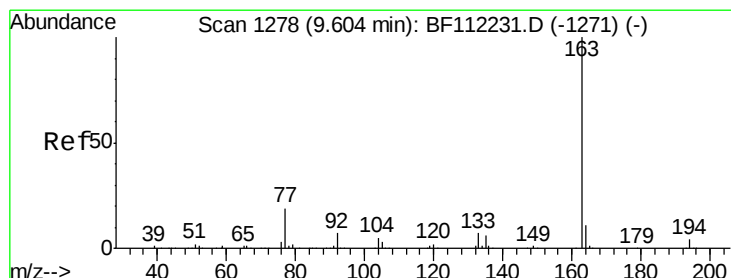
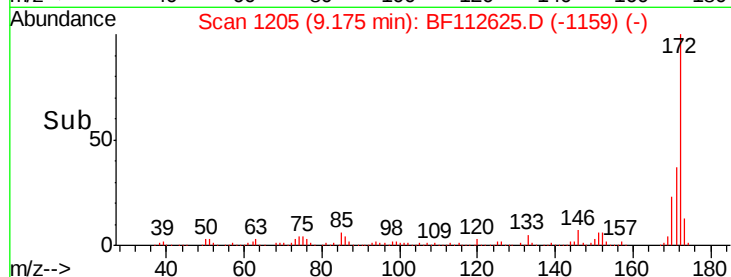
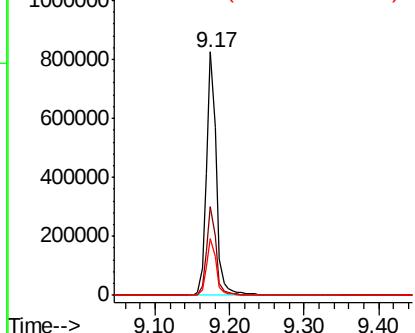
#45
 2-Fluorobiphenyl
 Concen: 69.871 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112625.D
 Acq: 19 Feb 2019 17:12

Instrument :
 BNA_F
 ClientSampled :
 TS-12

Tgt Ion:172 Resp: 765652
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 23.1 20.2 30.4

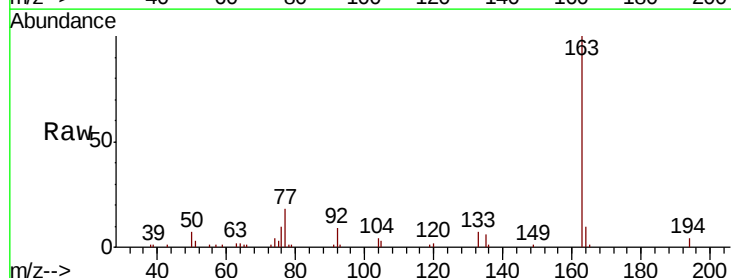


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

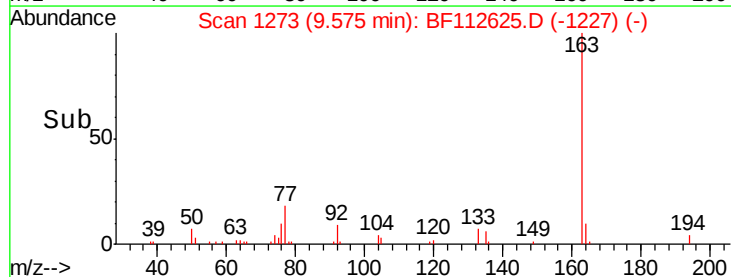
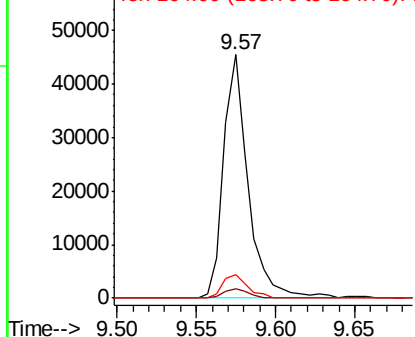


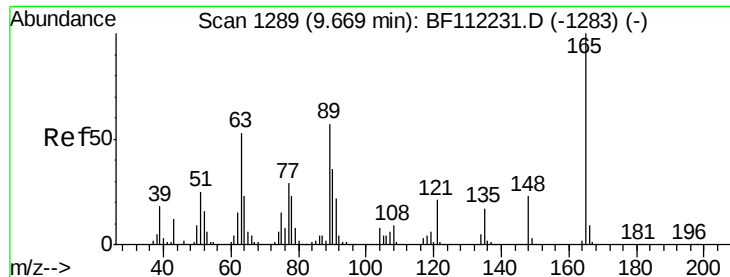
#50
 Dimethylphthalate
 Concen: 4.049 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BF112625.D
 Acq: 19 Feb 2019 17:12

Tgt Ion:163 Resp: 48760
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 9.7 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: 7.254 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.19 min

Lab File: BF112625.D

Acq: 19 Feb 2019 17:12

Instrument :

BNA_F

ClientSampled :

TS-12

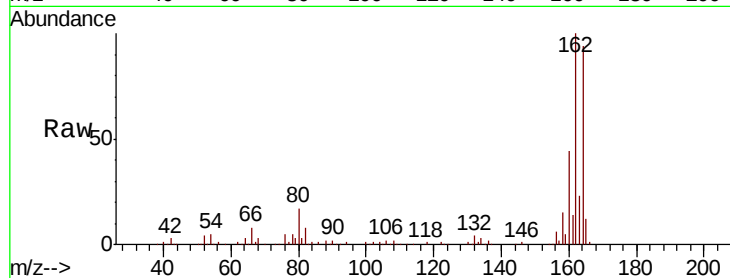
Tgt Ion:165 Resp: 19564

Ion Ratio Lower Upper

165 100

63 2.0 33.8 50.8#

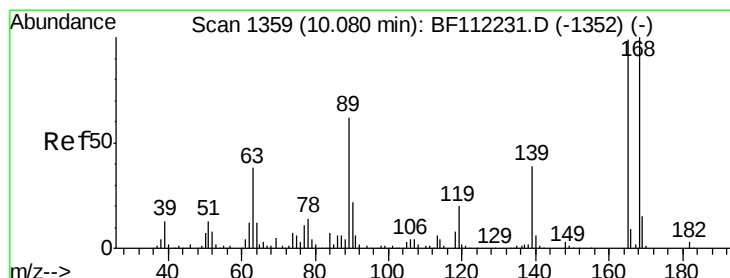
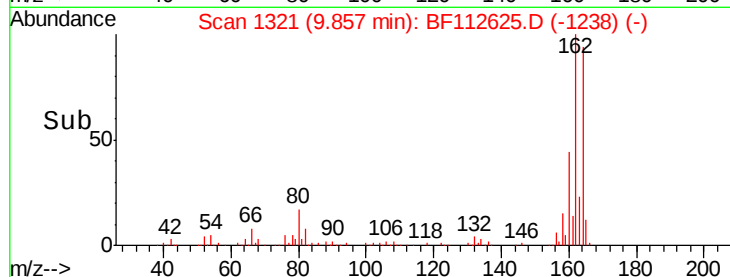
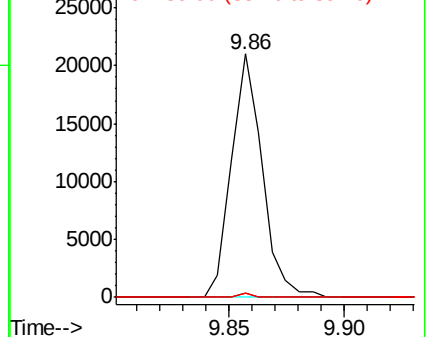
89 1.7 36.9 55.3#



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: 5.698 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112625.D

Acq: 19 Feb 2019 17:12

Tgt Ion:165 Resp: 19564

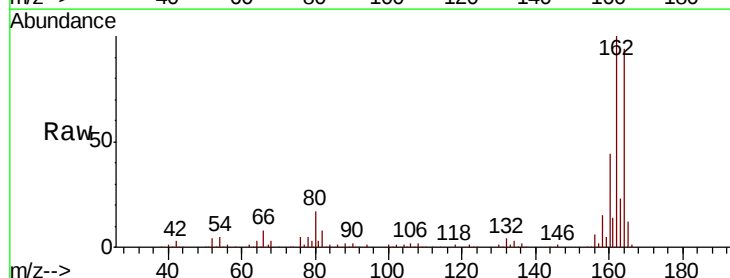
Ion Ratio Lower Upper

165 100

63 2.0 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

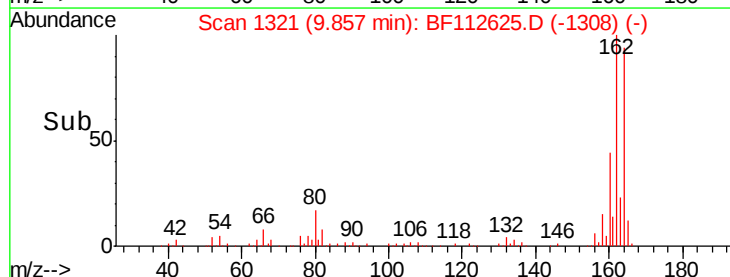
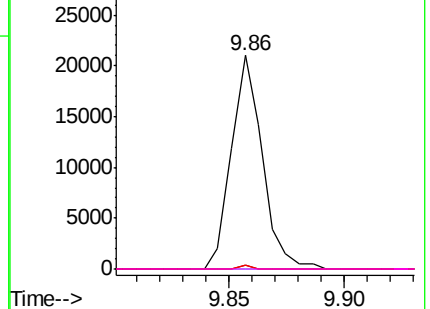


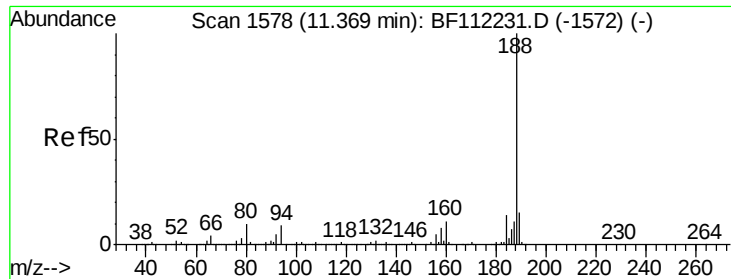
Abundance Ion 165.00 (164.70 to 165.70): E

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

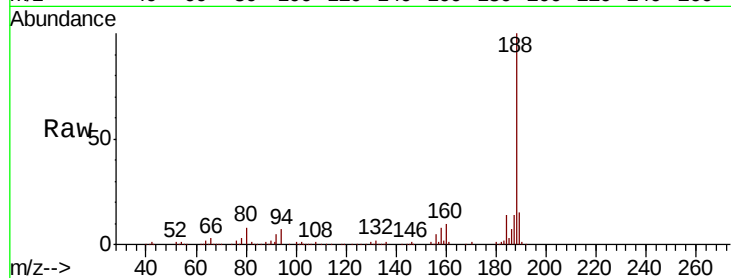




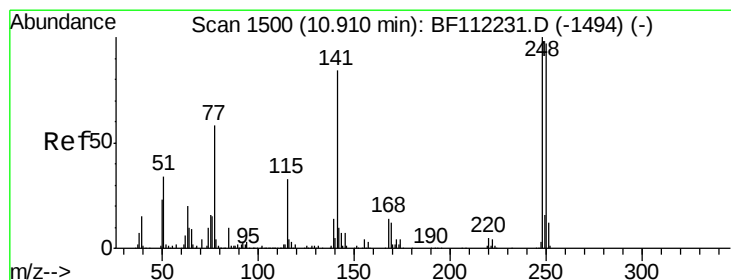
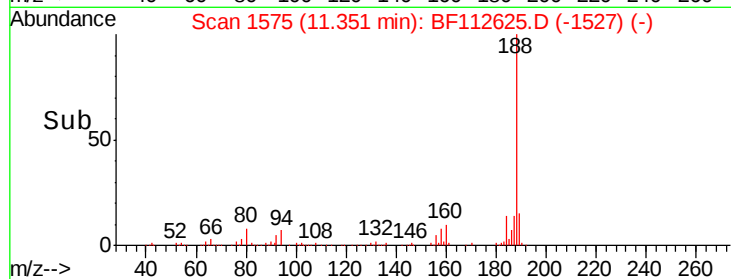
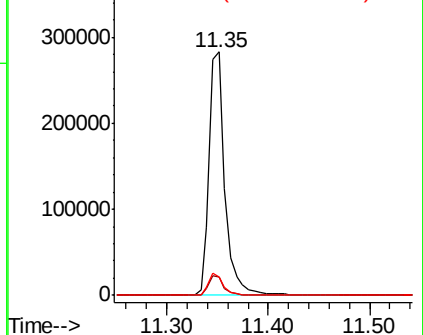
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF112625.D
 Acq: 19 Feb 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :
 TS-12

Tgt Ion:188 Resp: 307107
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.2 12.2#
 80 7.7 8.9 13.3#

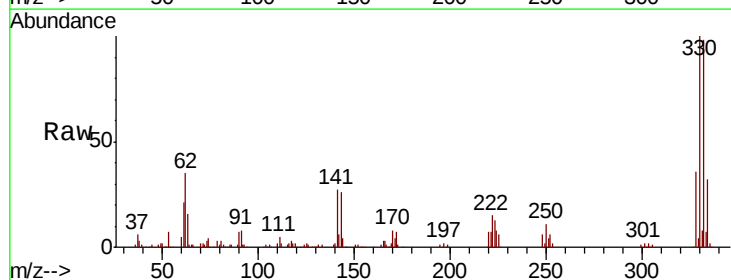


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

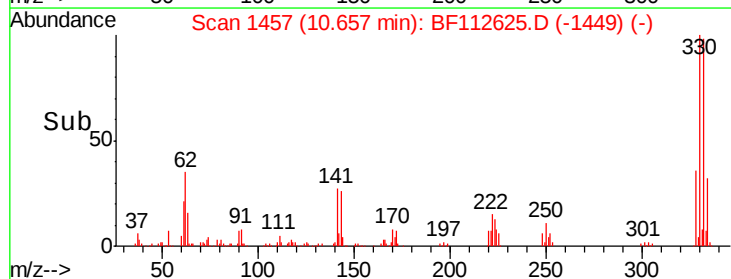
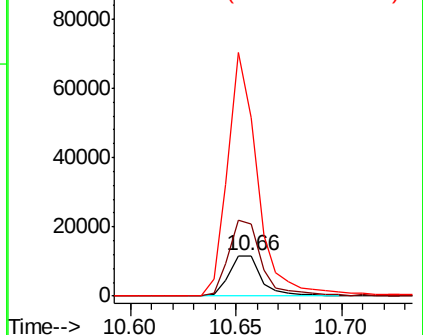


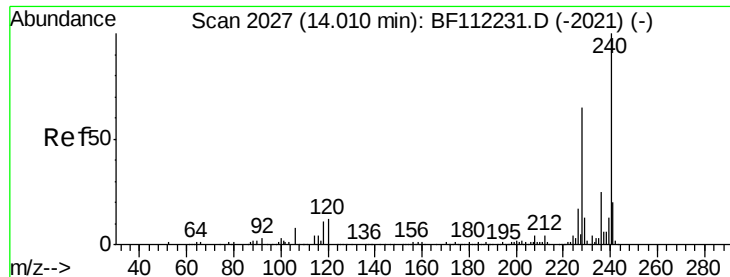
#67
 4-Bromophenyl-phenylether
 Concen: 3.461 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF112625.D
 Acq: 19 Feb 2019 17:12

Tgt Ion:248 Resp: 12503
 Ion Ratio Lower Upper
 248 100
 250 177.3 79.7 119.5#
 141 440.1 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

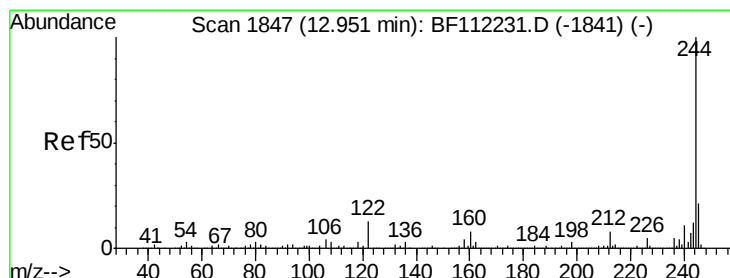
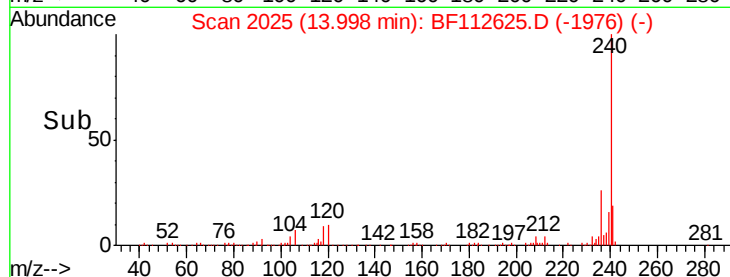
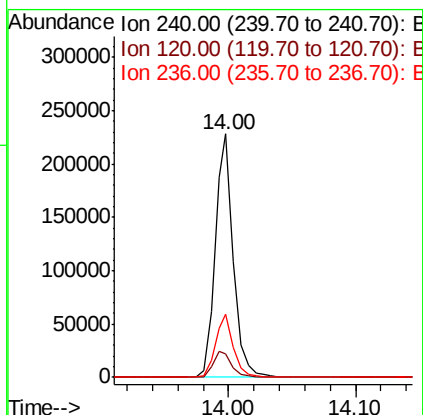
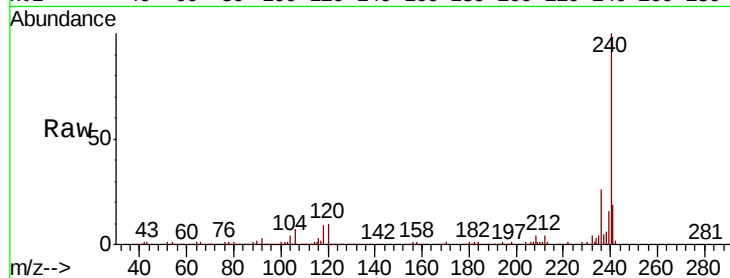




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112625.D
Acq: 19 Feb 2019 17:12

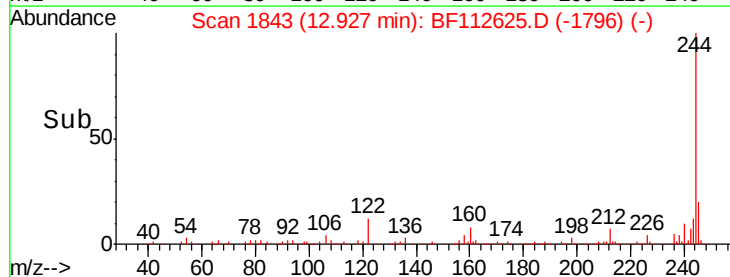
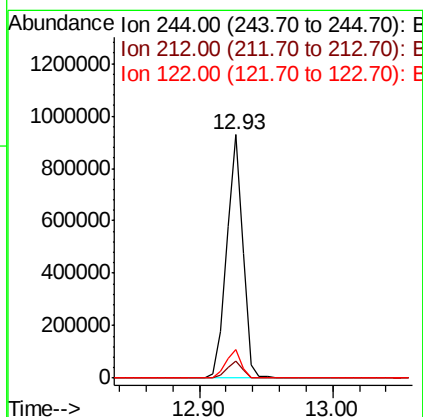
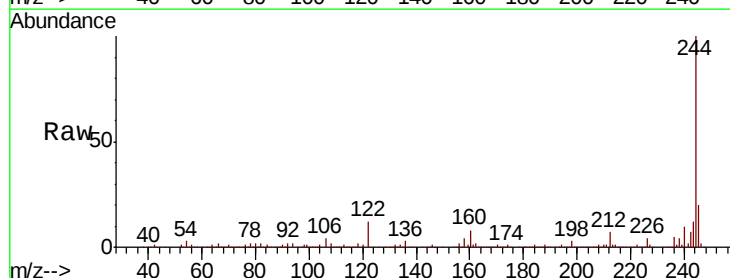
Instrument :
BNA_F
ClientSampleId :
TS-12

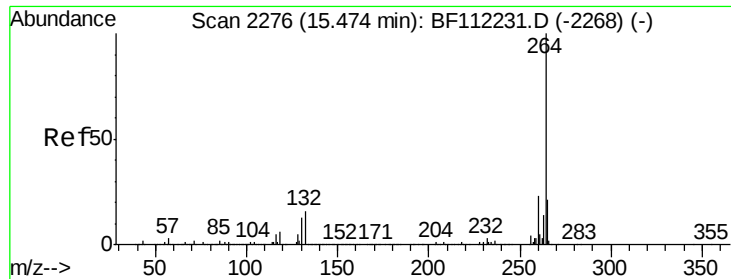
Tgt Ion:240 Resp: 227244
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.6
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 65.858 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF112625.D
Acq: 19 Feb 2019 17:12

Tgt Ion:244 Resp: 794599
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.6 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112625.D
Acq: 19 Feb 2019 17:12

Instrument :
BNA_F
ClientSampleId :
TS-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.4	17.0	25.4

