

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
 Data File : BF112624.D
 Acq On : 19 Feb 2019 16:43
 Operator : JU/SJ
 Sample : K1515-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-11

Quant Time: Feb 19 23:36:48 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

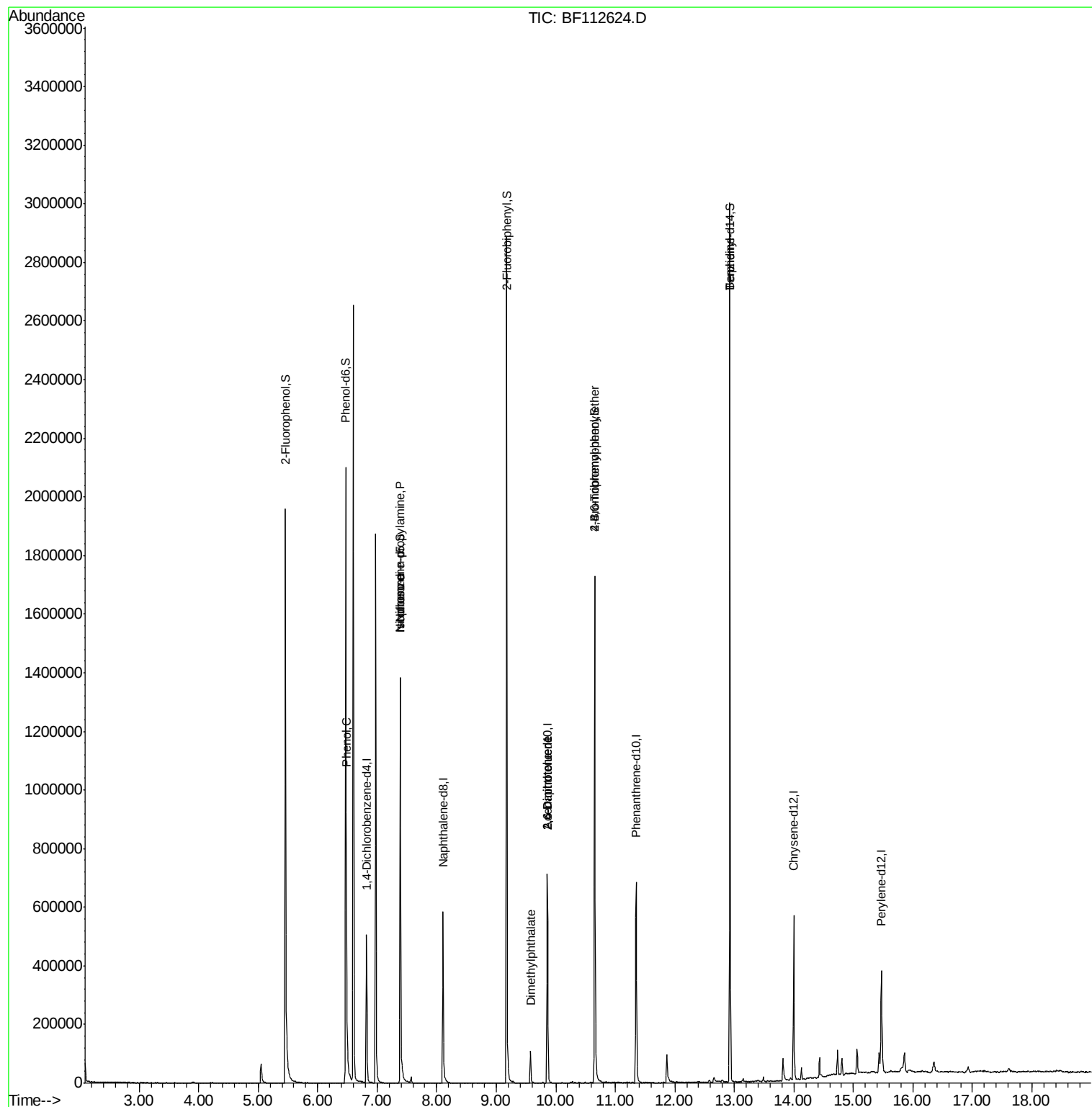
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80219	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	311610	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	151482	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	296796	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	213323	20.00	ng	-0.01
87) Perylene-d12	15.47	264	185958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	623843	165.18	ng	-0.02
7) Phenol-d6	6.47	99	766399	146.04	ng	-0.02
23) Nitrobenzene-d5	7.39	82	487452	90.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	251307	142.53	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	959341	89.57	ng	-0.03
79) Terphenyl-d14	12.93	244	1024260	90.43	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	22950	3.986	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.39	70	67241	18.582	ng	# 75
25) Isophorone	7.39	82	487447	57.454	ng	# 63
50) Dimethylphthalate	9.57	163	55055	4.678	ng	100
51) 2,6-Dinitrotoluene	9.86	165	18875	7.161	ng	# 33
57) 2,4-Dinitrotoluene	9.86	165	18875	5.625	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	15218	4.360	ng	# 1
77) Benzidine	12.93	184	14078	2.398	ng	96

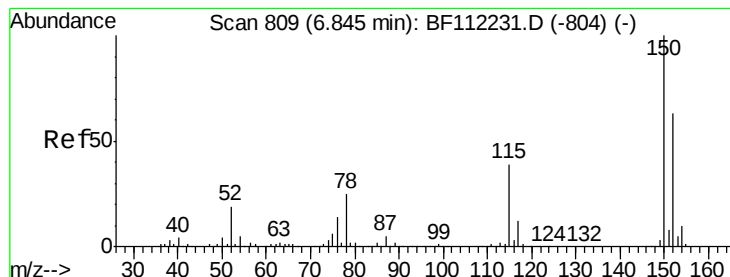
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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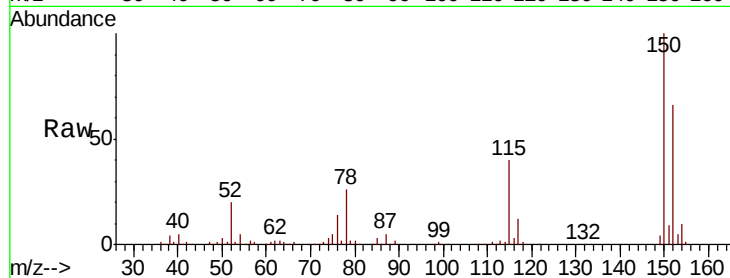


#1

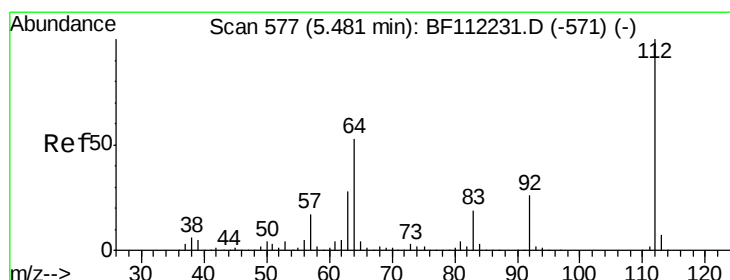
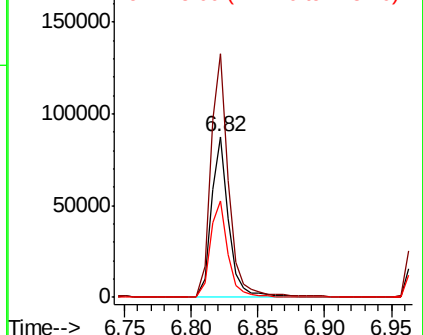
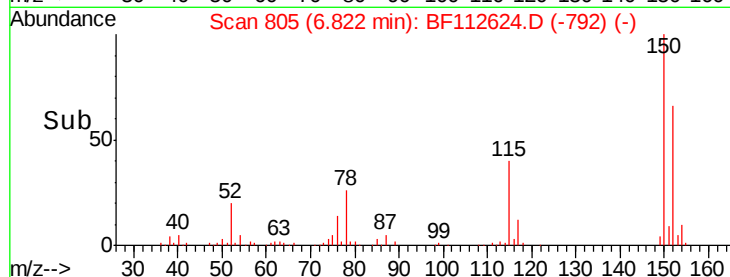
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

Instrument :
BNA_F
ClientSampleId :
TS-11

Tgt Ion:152 Resp: 80219
Ion Ratio Lower Upper
152 100
150 151.2 127.4 191.0
115 59.8 45.5 68.3



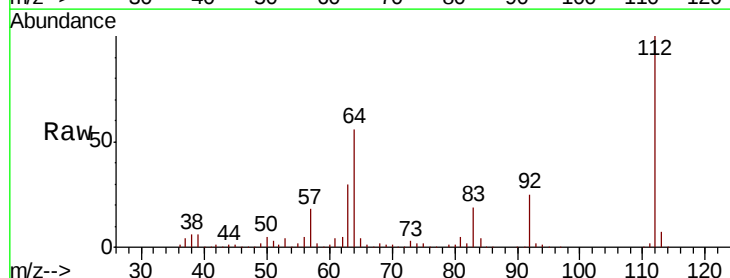
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



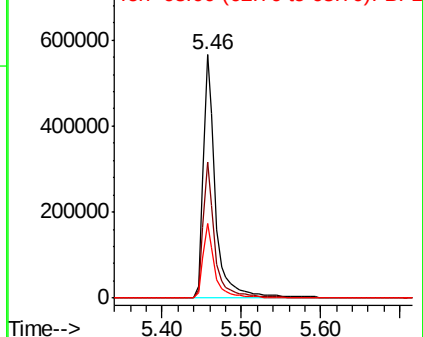
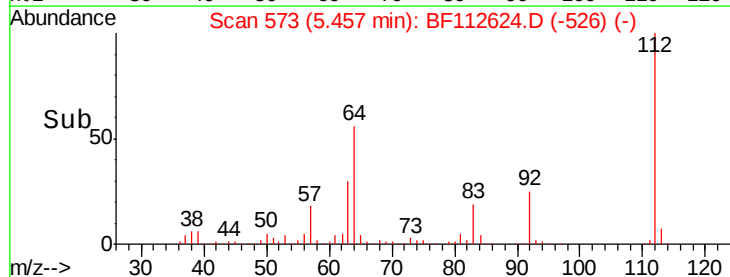
#5

2-Fluorophenol
Concen: 165.183 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

Tgt Ion:112 Resp: 623843
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 30.5 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: 146.040 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112624.D

Acq: 19 Feb 2019 16:43

Instrument :

BNA_F

ClientSampled :

TS-11

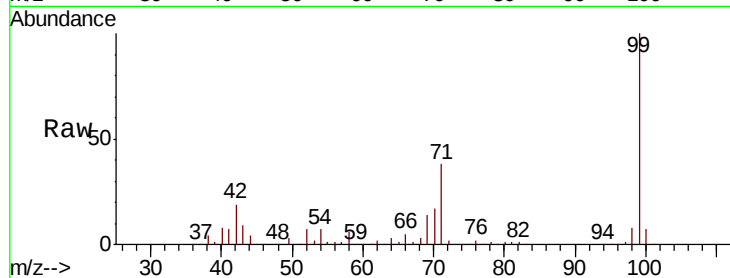
Tgt Ion: 99 Resp: 766399

Ion Ratio Lower Upper

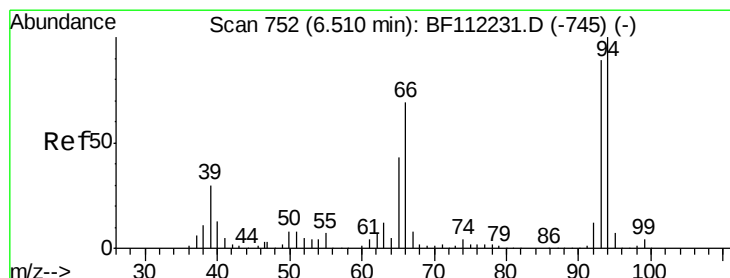
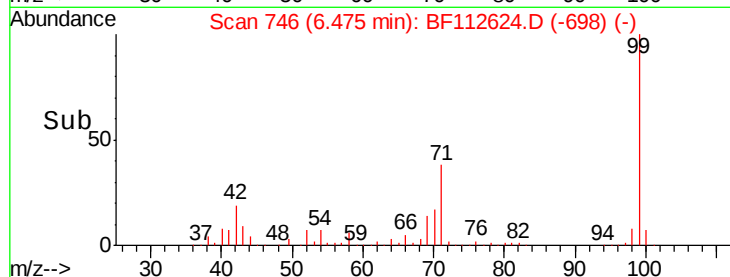
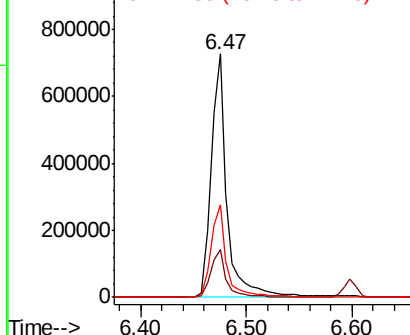
99 100

42 19.4 15.1 22.7

71 38.0 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: 3.986 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112624.D

Acq: 19 Feb 2019 16:43

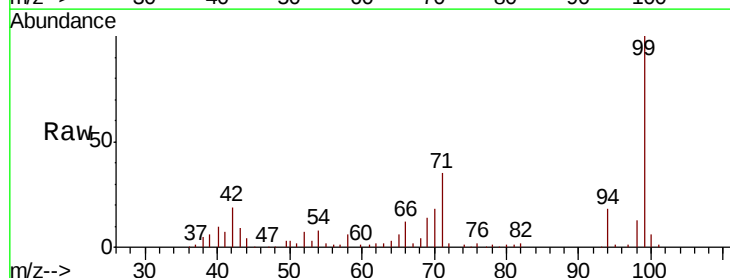
Tgt Ion: 94 Resp: 22950

Ion Ratio Lower Upper

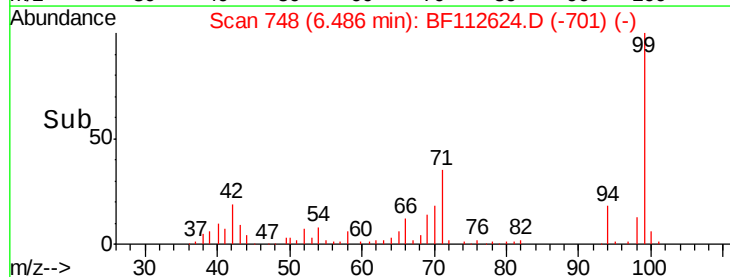
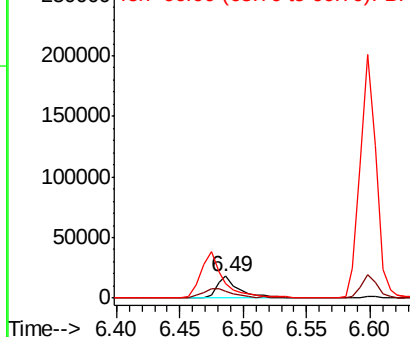
94 100

65 32.9 20.3 60.3

66 66.0 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

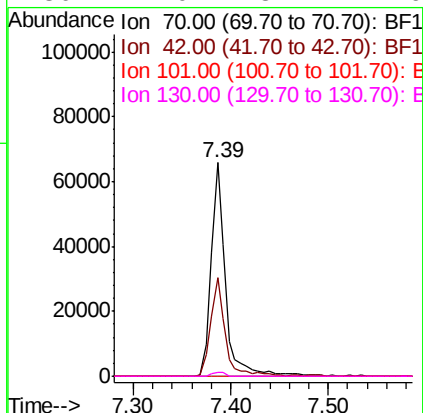
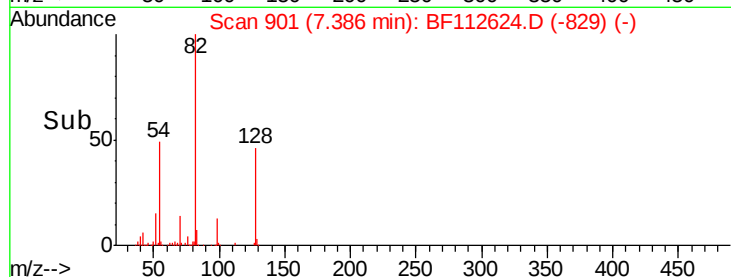
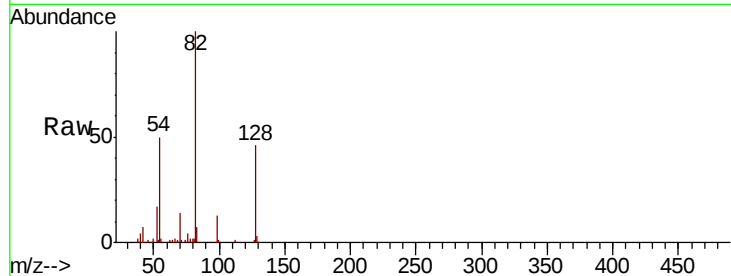




#19
n-Nitroso-di-n-propylamine
Concen: 18.582 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

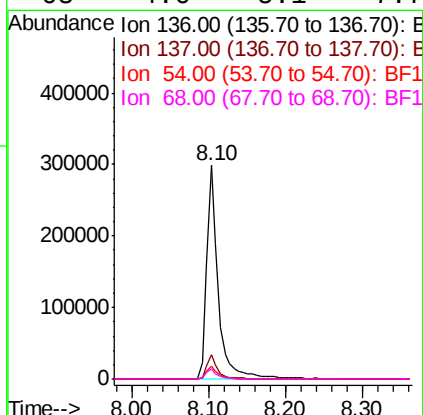
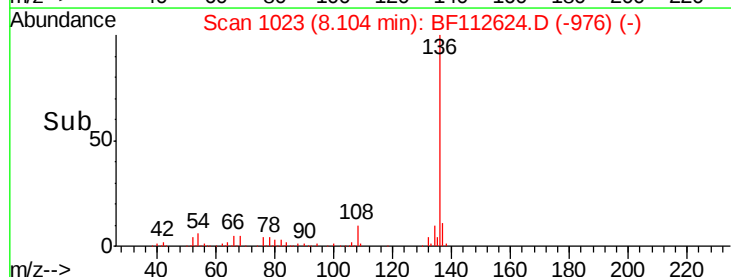
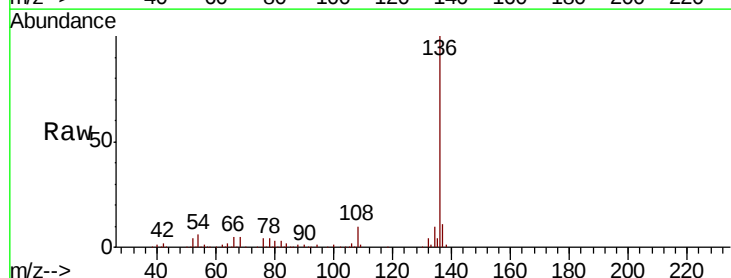
Instrument :
BNA_F
ClientSampled :
TS-11

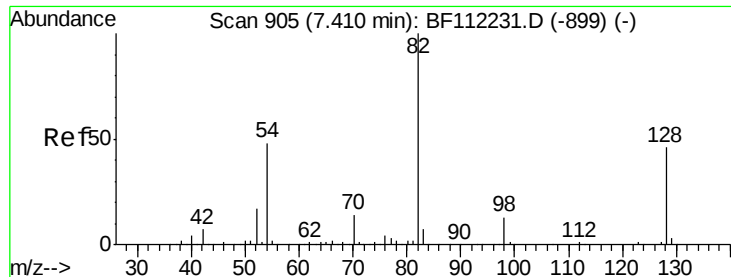
Tgt Ion: 70 Resp: 67241
Ion Ratio Lower Upper
70 100
42 46.4 47.6 71.4#
101 0.0 7.9 11.9#
130 2.0 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

Tgt Ion: 136 Resp: 311610
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 6.3 5.9 8.9
68 4.6 5.1 7.7#

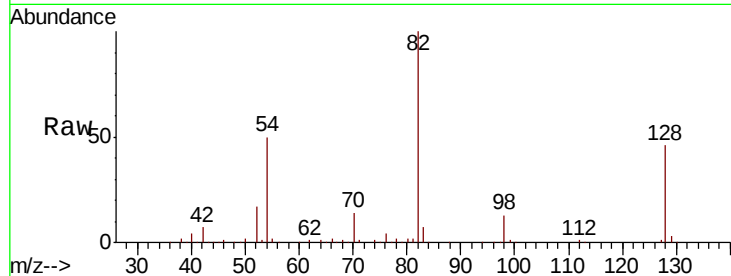




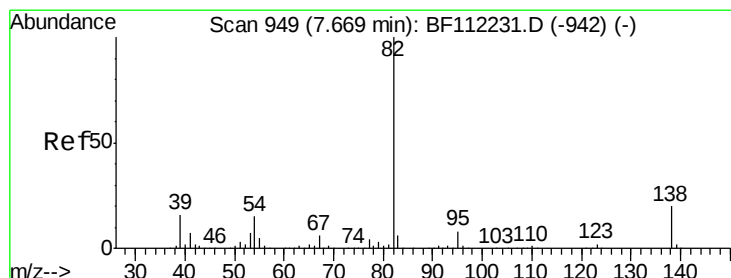
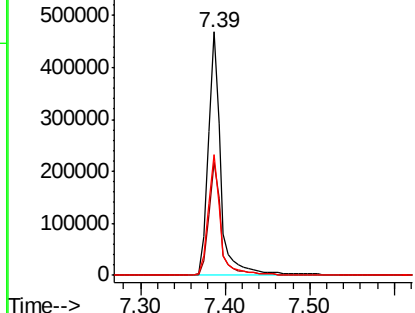
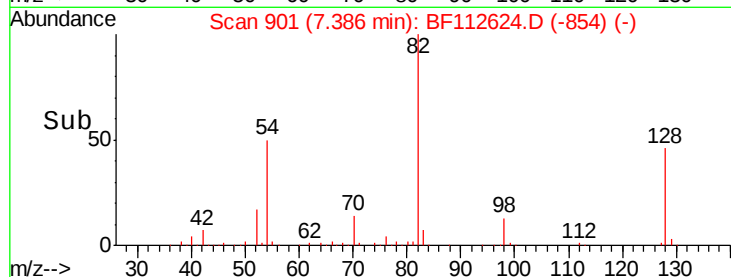
#23
Nitrobenzene-d5
Concen: 90.135 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

Instrument :
BNA_F
ClientSampled :
TS-11

Tgt Ion: 82 Resp: 487452
Ion Ratio Lower Upper
82 100
128 46.2 37.8 56.8
54 49.6 39.7 59.5

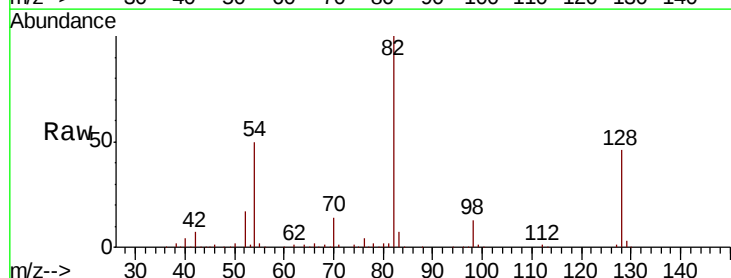


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

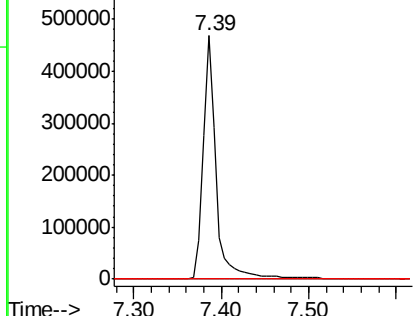
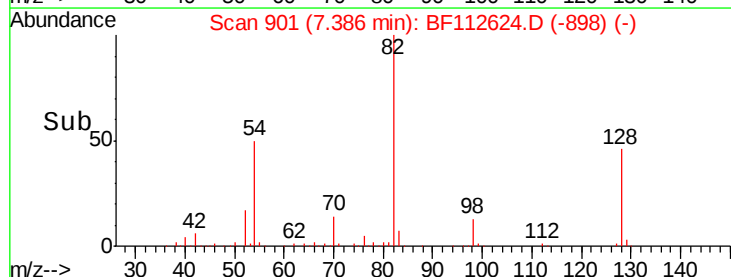


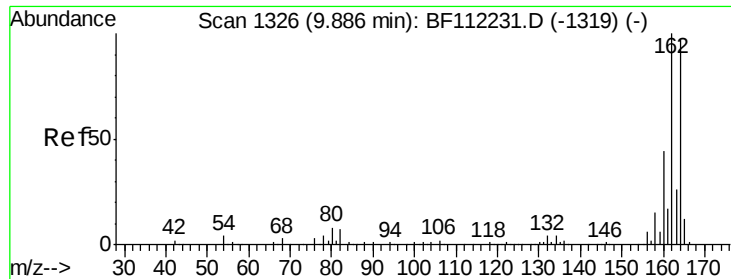
#25
Isophorone
Concen: 57.454 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

Tgt Ion: 82 Resp: 487447
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: BF112624.D

Acq: 19 Feb 2019 16:43

Instrument :

BNA_F

ClientSampleId :

TS-11

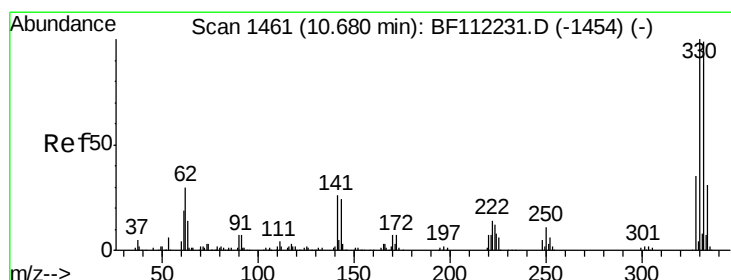
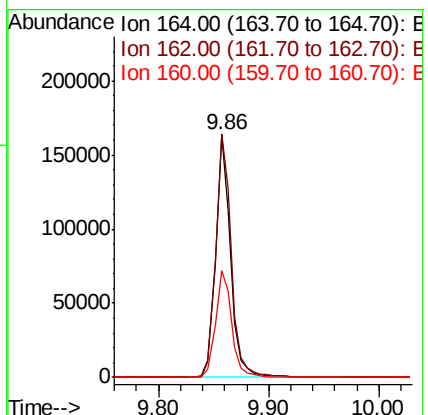
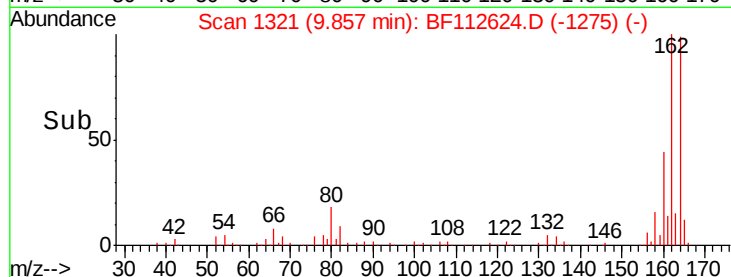
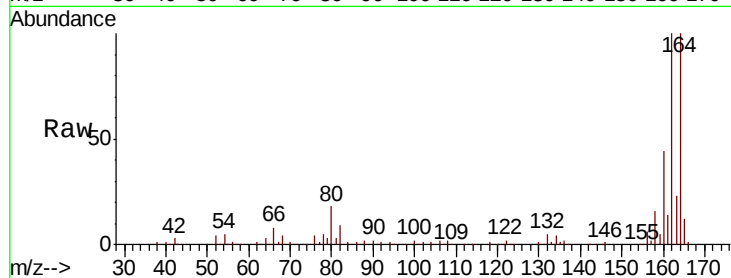
Tgt Ion:164 Resp: 151482

Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.4

160 43.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 142.528 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112624.D

Acq: 19 Feb 2019 16:43

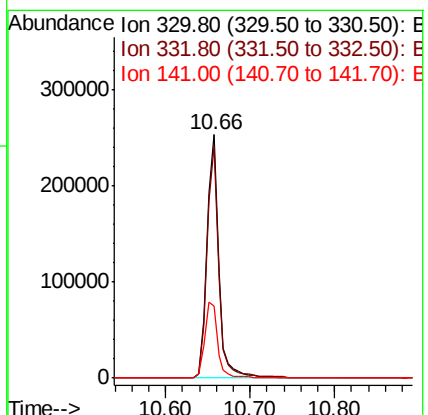
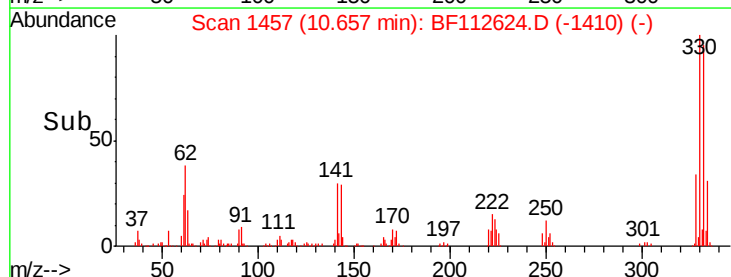
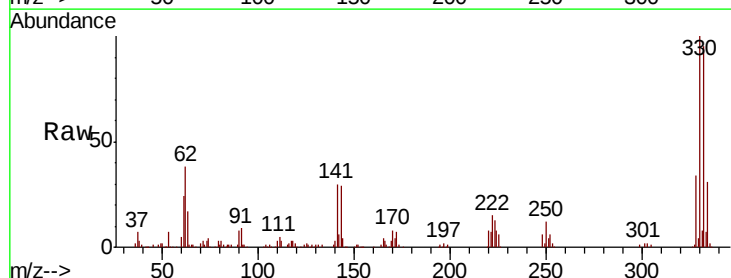
Tgt Ion:330 Resp: 251307

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

141 34.0 24.3 36.5

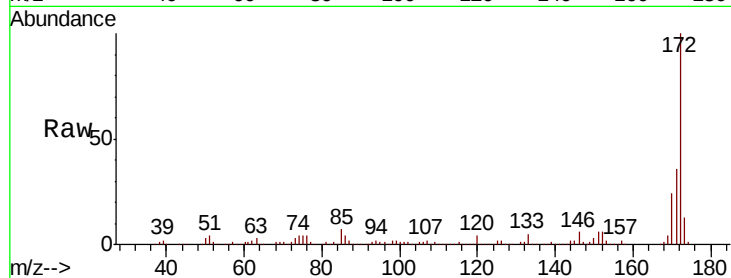




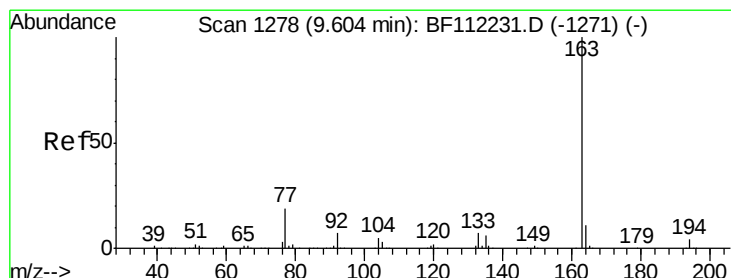
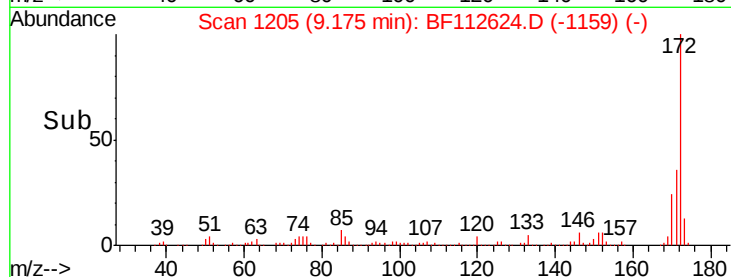
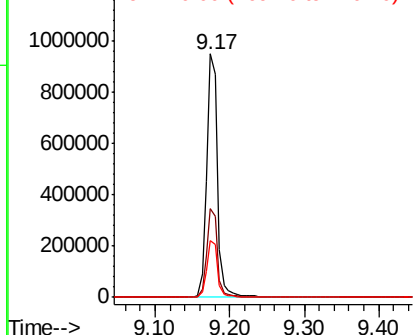
#45
 2-Fluorobiphenyl
 Concen: 89.570 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112624.D
 Acq: 19 Feb 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TS-11

Tgt Ion:172 Resp: 959341
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 23.5 20.2 30.4

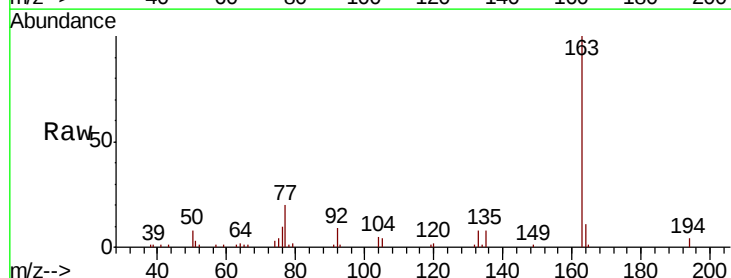


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

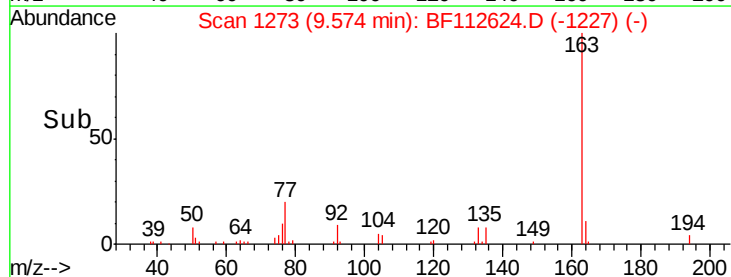
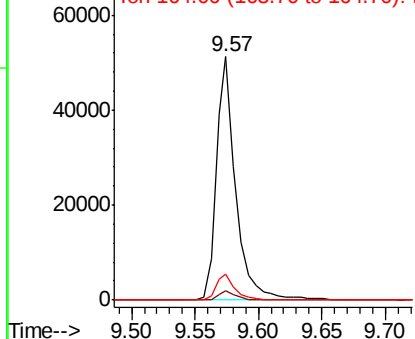


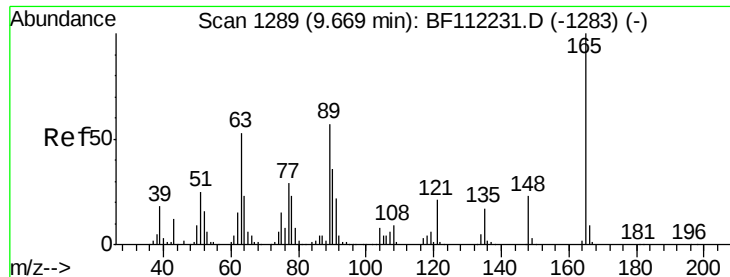
#50
 Dimethylphthalate
 Concen: 4.678 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BF112624.D
 Acq: 19 Feb 2019 16:43

Tgt Ion:163 Resp: 55055
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 10.8 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: 7.161 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.19 min

Lab File: BF112624.D

Acq: 19 Feb 2019 16:43

Instrument :

BNA_F

ClientSampled :

TS-11

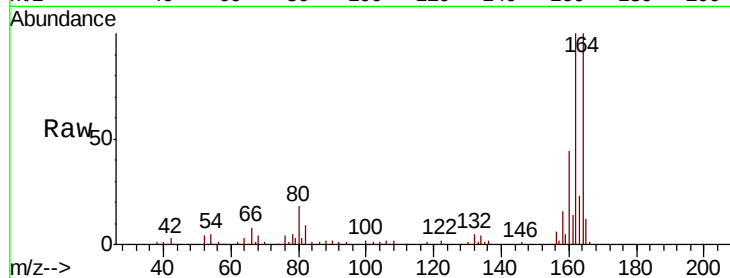
Tgt Ion:165 Resp: 18875

Ion Ratio Lower Upper

165 100

63 1.7 33.8 50.8#

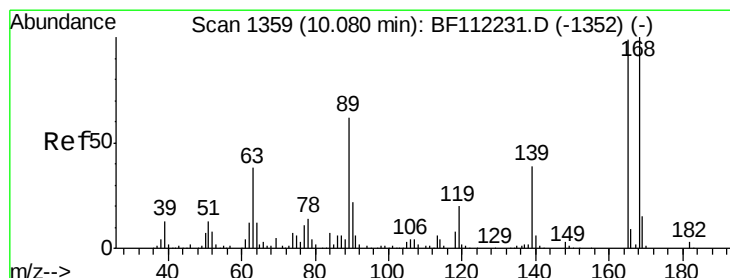
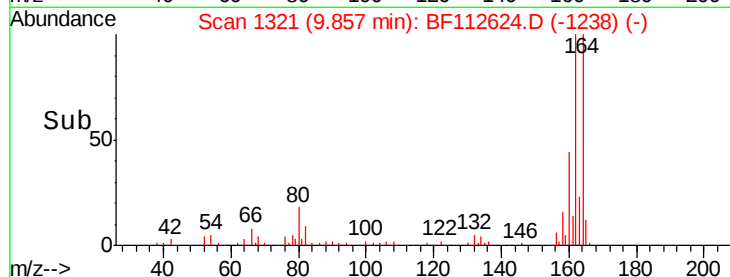
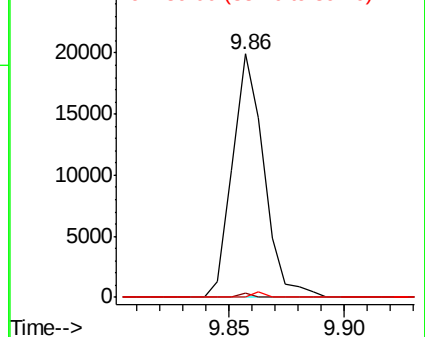
89 0.0 36.9 55.3#



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: 5.625 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112624.D

Acq: 19 Feb 2019 16:43

Tgt Ion:165 Resp: 18875

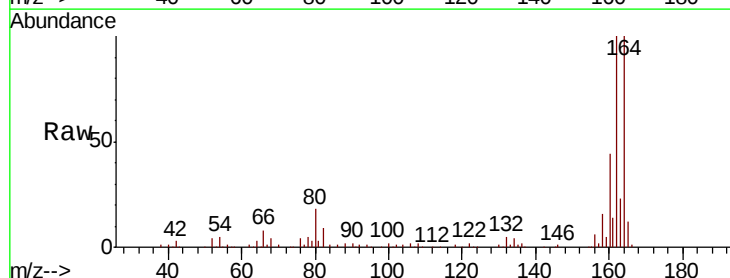
Ion Ratio Lower Upper

165 100

63 1.7 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

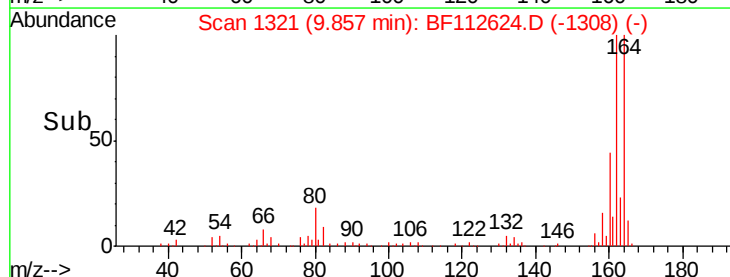
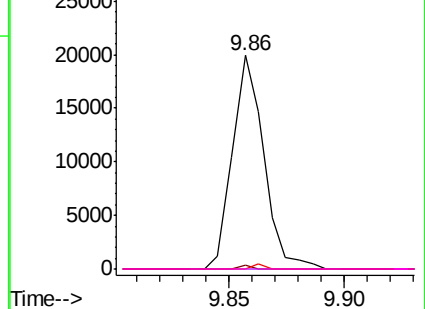


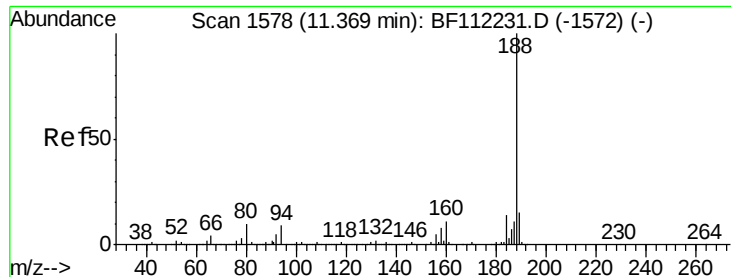
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112624.D

Acq: 19 Feb 2019 16:43

Instrument :

BNA_F

ClientSampleId :

TS-11

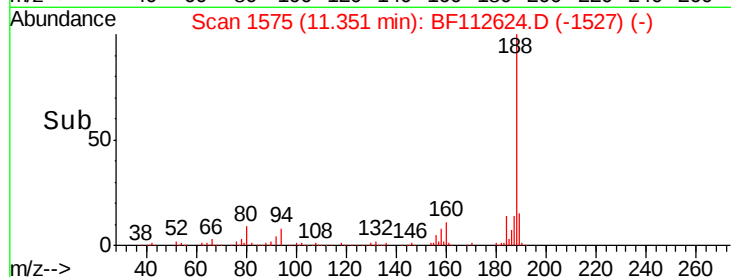
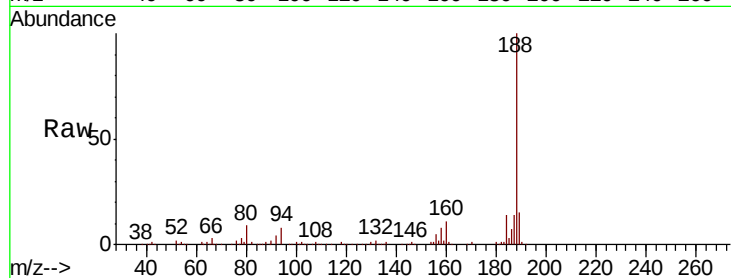
Tgt Ion:188 Resp: 296796

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

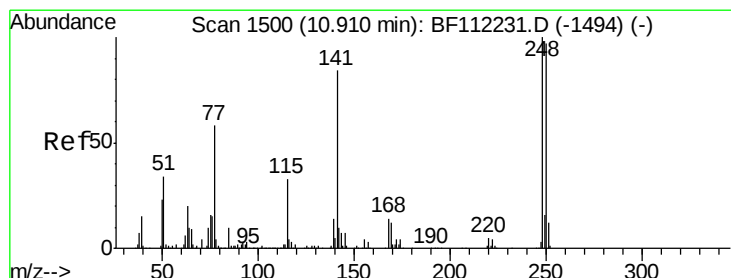
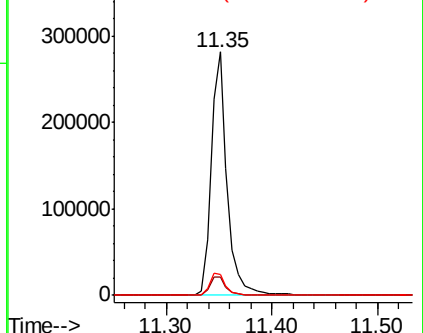
80 8.7 8.9 13.3#



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: 4.360 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.25 min

Lab File: BF112624.D

Acq: 19 Feb 2019 16:43

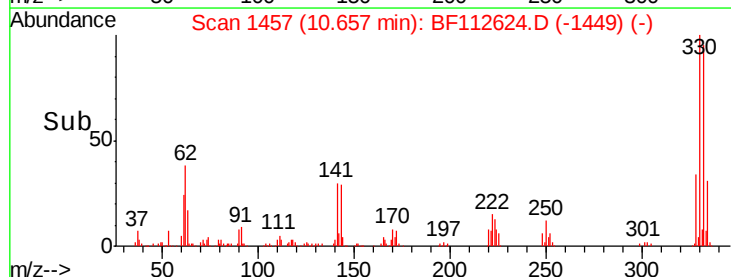
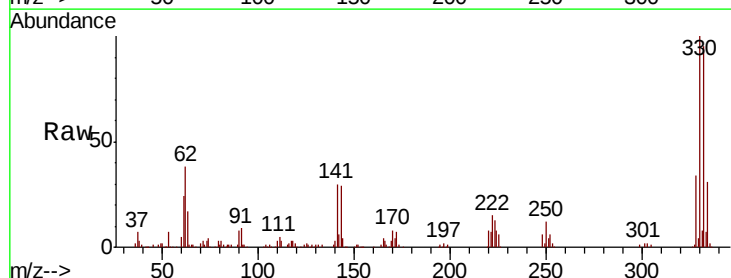
Tgt Ion:248 Resp: 15218

Ion Ratio Lower Upper

248 100

250 198.4 79.7 119.5#

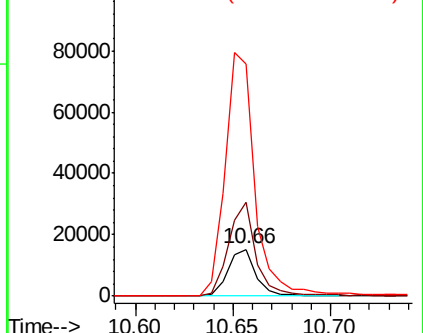
141 492.4 60.3 90.5#

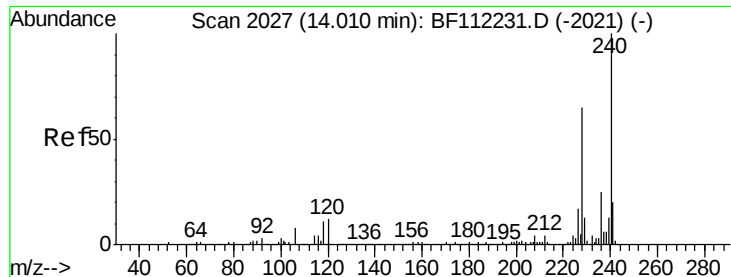


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

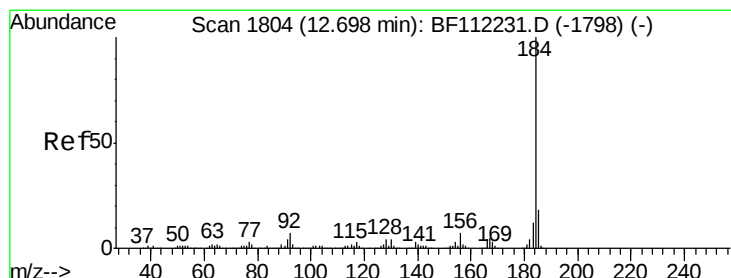
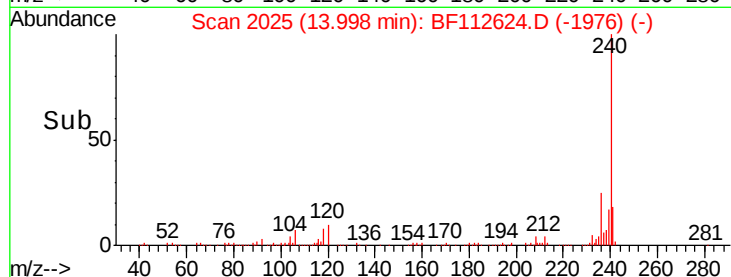
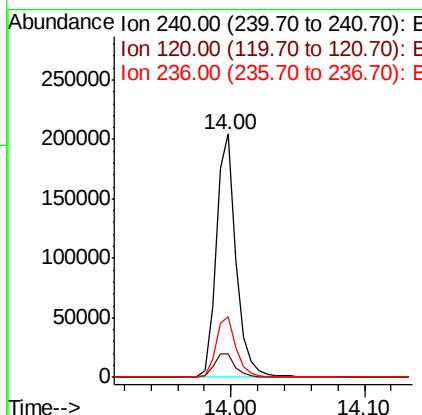
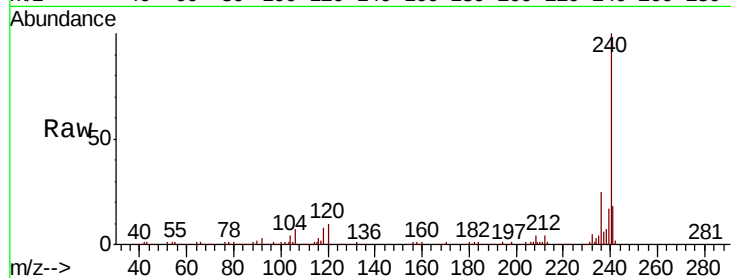




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

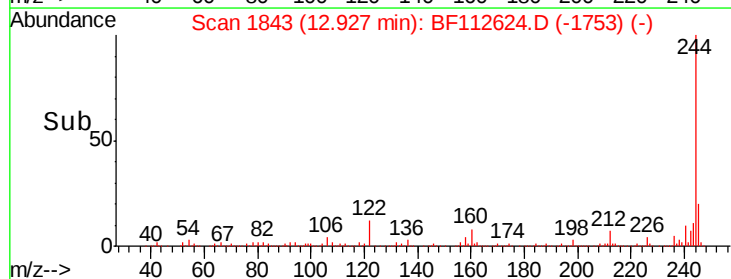
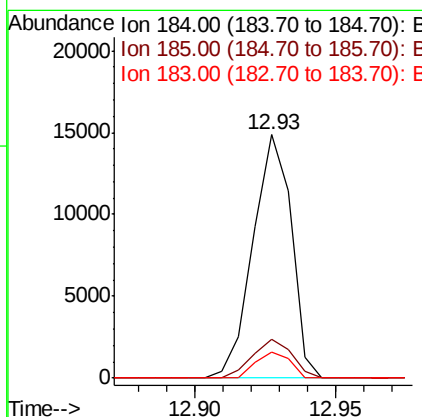
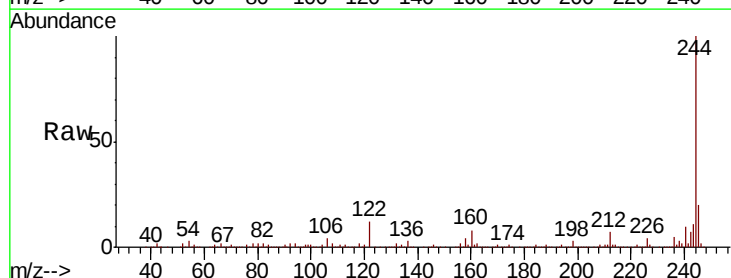
Instrument :
BNA_F
ClientSampleId :
TS-11

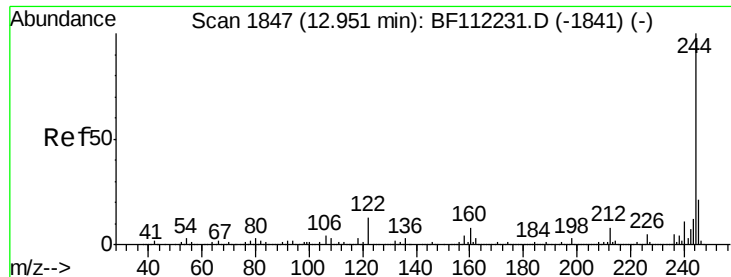
Tgt Ion:240 Resp: 213323
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 24.8 20.7 31.1



#77
Benzidine
Concen: 2.398 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.23 min
Lab File: BF112624.D
Acq: 19 Feb 2019 16:43

Tgt Ion:184 Resp: 14078
Ion Ratio Lower Upper
184 100
185 15.7 13.9 20.9
183 10.6 10.0 15.0

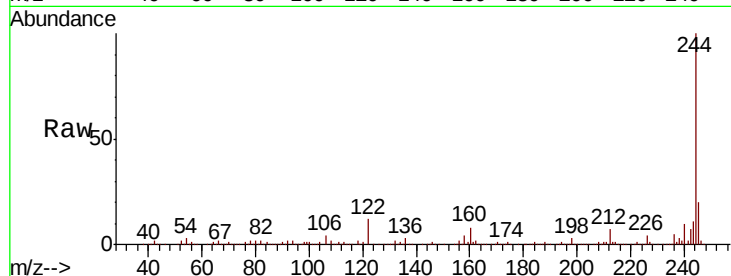




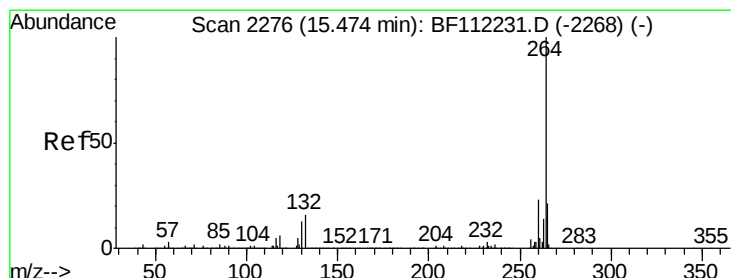
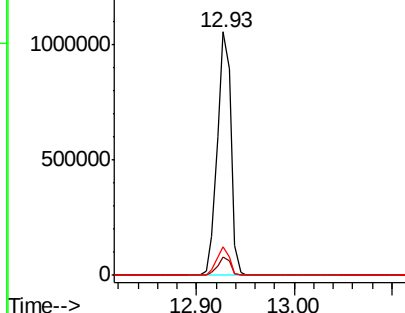
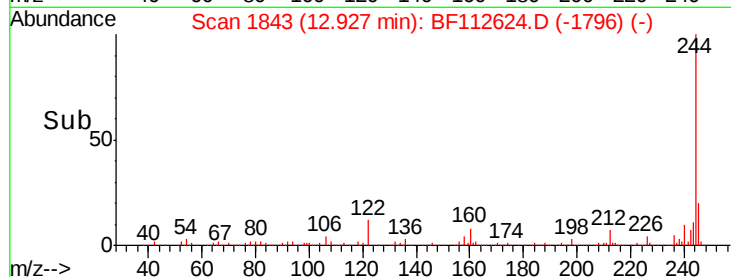
#79
 Terphenyl-d14
 Concen: 90.433 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112624.D
 Acq: 19 Feb 2019 16:43

Instrument :
 BNA_F
 ClientSampled :
 TS-11

Tgt Ion:244 Resp: 1024260
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.9 9.8 14.6

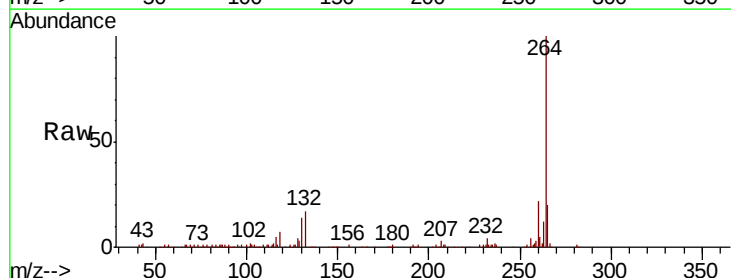


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112624.D
 Acq: 19 Feb 2019 16:43

Tgt Ion:264 Resp: 185958
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 20.2 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

