

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112671.D
 Acq On : 22 Feb 2019 18:23
 Operator : JU/SJ
 Sample : K1570-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25-25

Quant Time: Feb 22 22:15:03 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

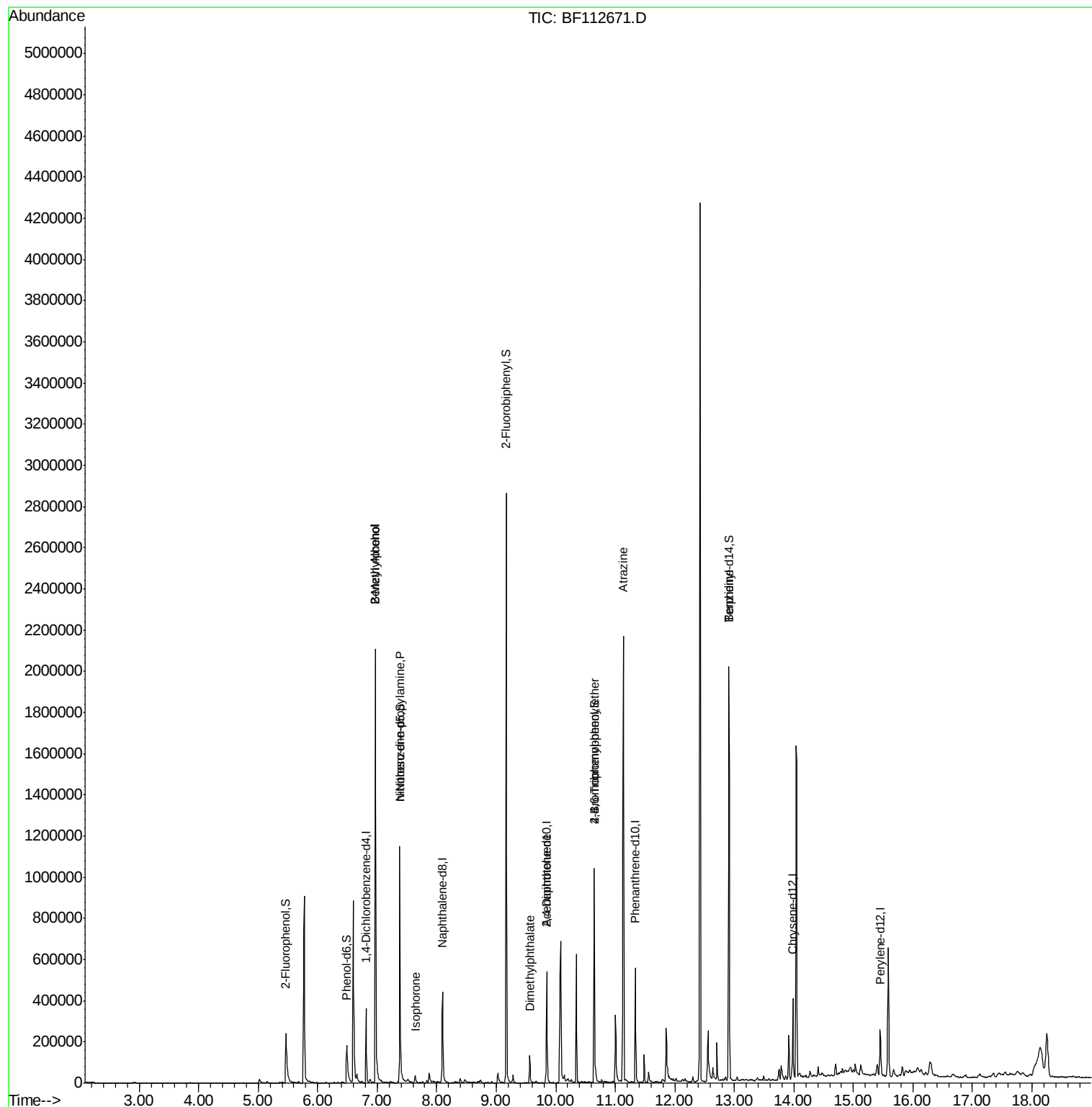
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58169	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	231069	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	111274	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	211041	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	135801	20.00	ng	-0.03
87) Perylene-d12	15.45	264	119678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	132983	48.56	ng	-0.01
7) Phenol-d6	6.49	99	98151	25.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	404528	100.87	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	132232	102.09	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	796451	101.23	ng	-0.04
79) Terphenyl-d14	12.91	244	641220	88.93	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	6.97	79	118022	36.792	ng	Qvalue 91
17) 2-Methylphenol	6.97	107	58393	19.994	ng	# 1
19) n-Nitroso-di-n-propylamine	7.38	70	55328	21.086	ng	# 77
25) Isophorone	7.64	82	15519	2.467	ng	96
50) Dimethylphthalate	9.56	163	50056	5.790	ng	100
57) 2,4-Dinitrotoluene	9.85	165	14274	5.791	ng	# 31
67) 4-Bromophenyl-phenylether	10.65	248	7615	3.068	ng	# 1
69) Atrazine	11.13	200	7670	3.342	ng	# 38
77) Benzidine	12.91	184	9963	2.666	ng	# 92

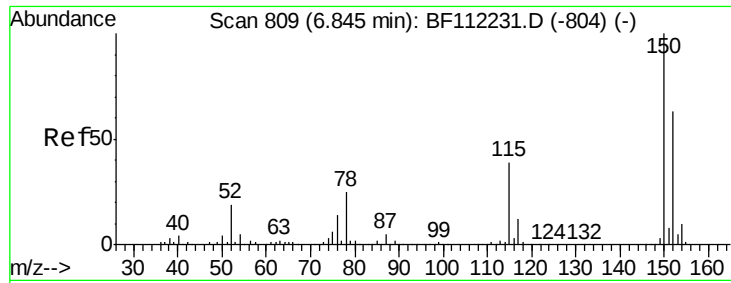
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
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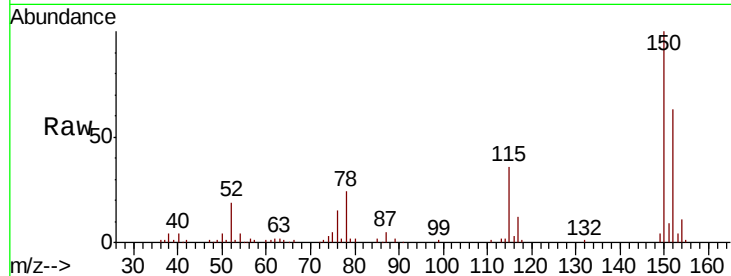


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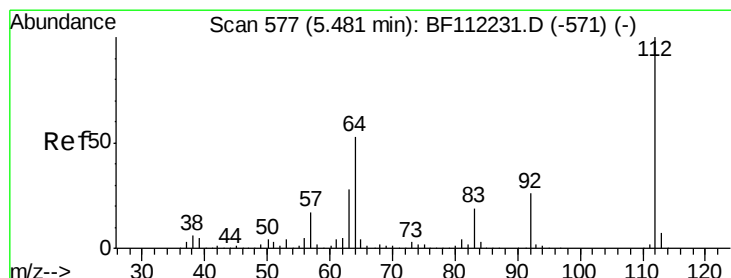
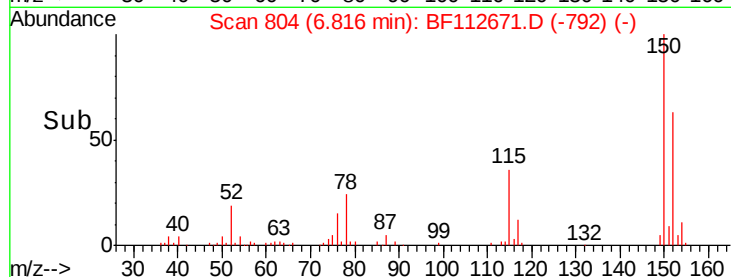
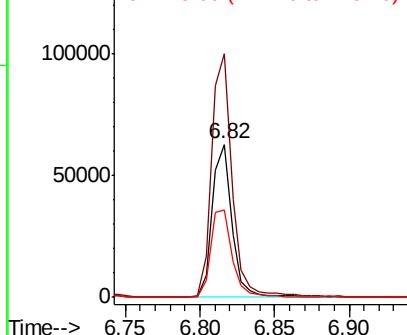
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Instrument :
BNA_F
ClientSampled :
25-25

Tgt Ion:152 Resp: 58169
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.0
115 56.9 45.5 68.3



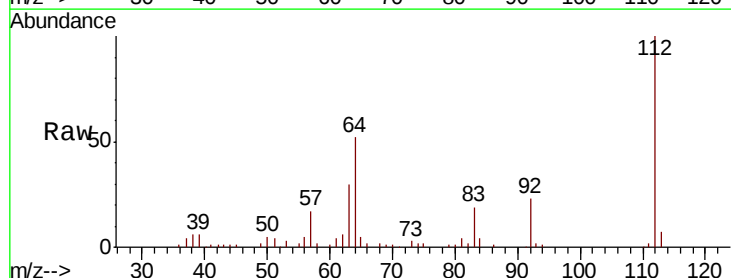
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



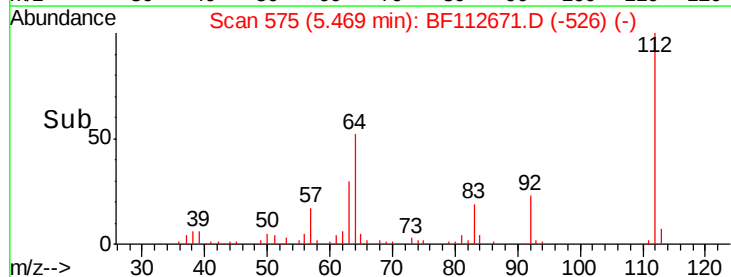
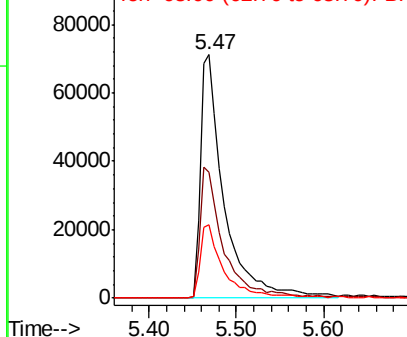
#5

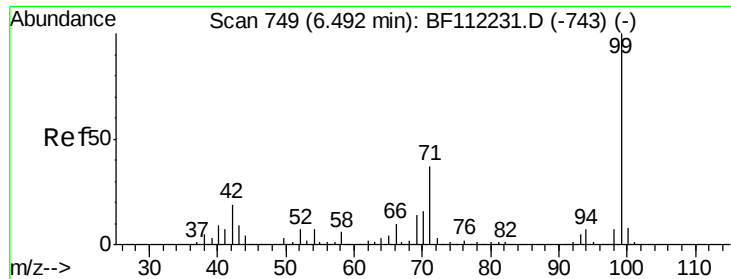
2-Fluorophenol
Concen: 48.559 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Tgt Ion:112 Resp: 132983
Ion Ratio Lower Upper
112 100
64 51.9 45.7 68.5
63 29.9 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: 25.793 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

ClientSampleId :

25-25

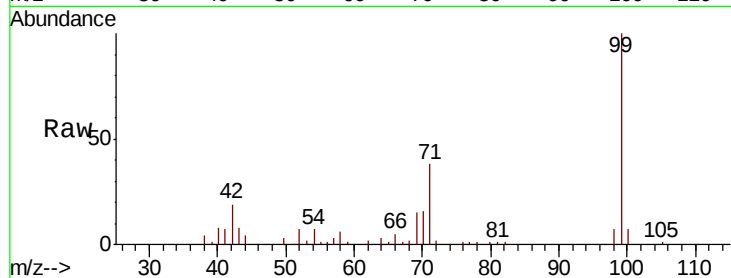
Tgt Ion: 99 Resp: 98151

Ion Ratio Lower Upper

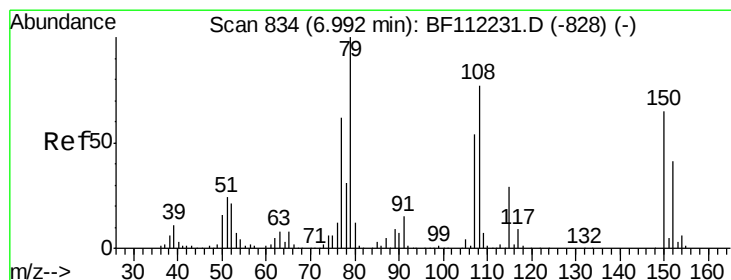
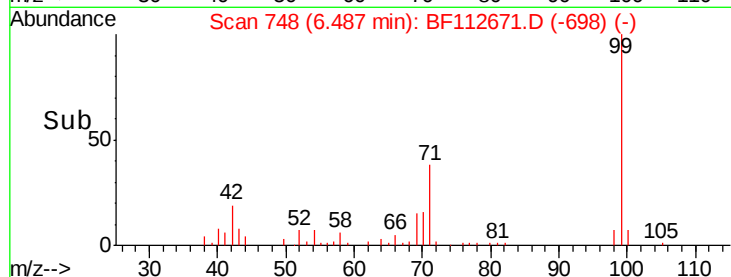
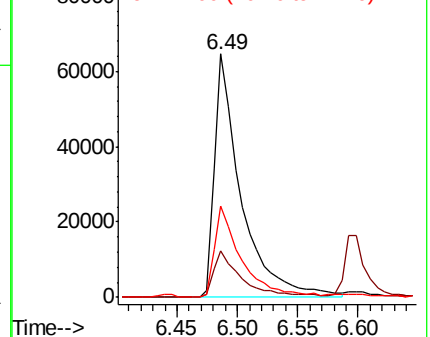
99 100

42 19.2 15.1 22.7

71 37.7 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



#15

Benzyl Alcohol

Concen: 36.792 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

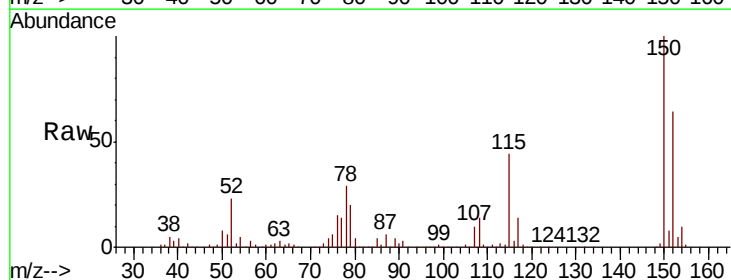
Tgt Ion: 79 Resp: 118022

Ion Ratio Lower Upper

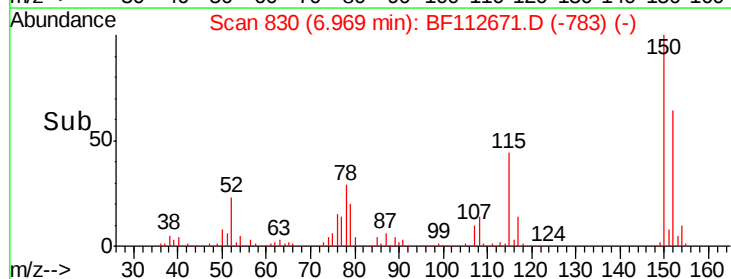
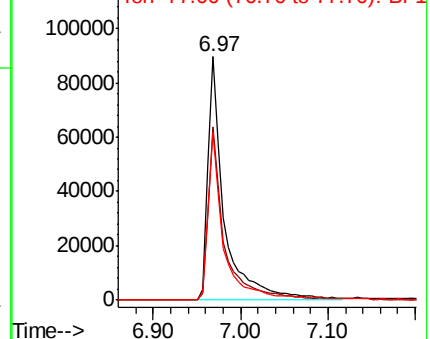
79 100

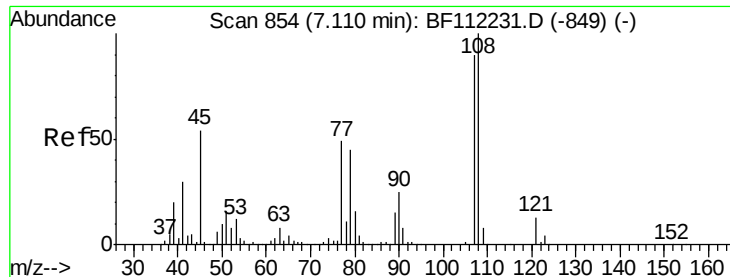
108 71.2 64.2 96.2

77 68.9 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 19.994 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.14 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

ClientSampled :

25-25

Tgt Ion: 107 Resp: 58393

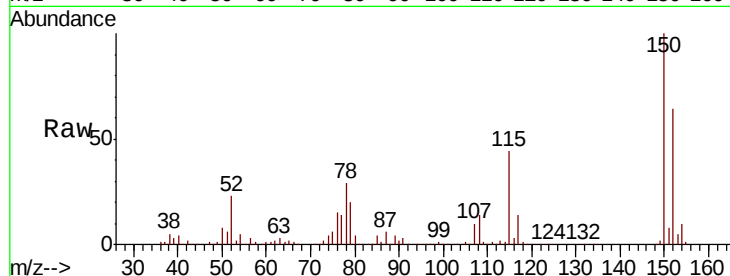
Ion Ratio Lower Upper

107 100

108 147.0 91.3 136.9#

77 142.2 39.0 58.6#

79 206.5 37.0 55.4#

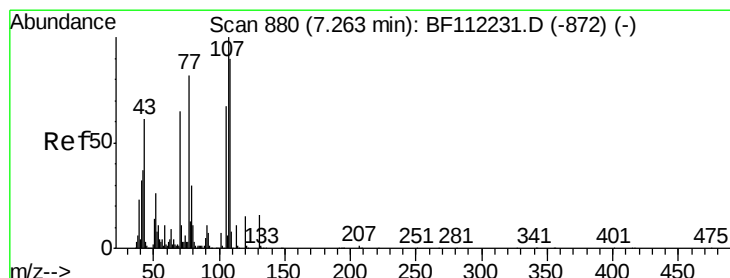
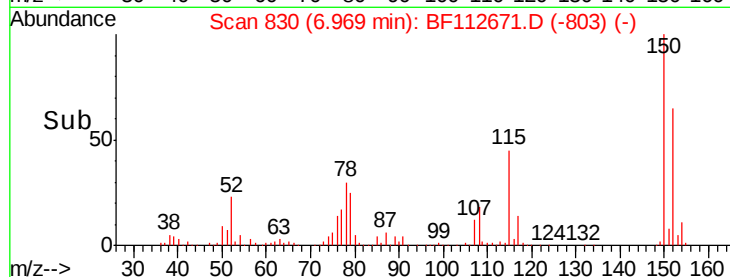
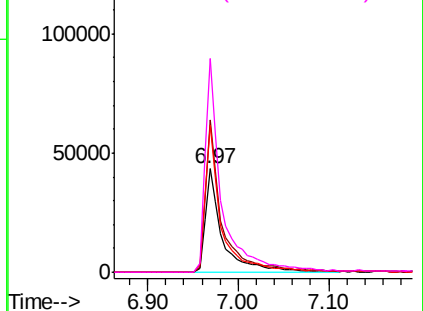


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 21.086 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.12 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Tgt Ion: 70 Resp: 55328

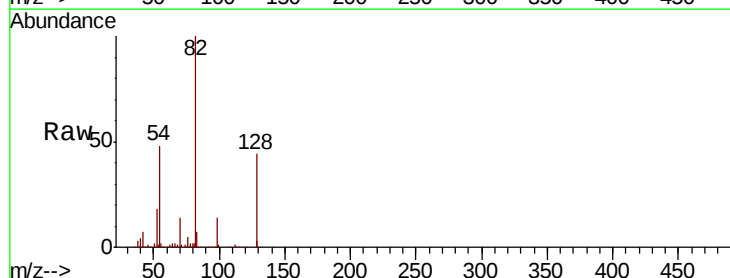
Ion Ratio Lower Upper

70 100

42 48.2 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

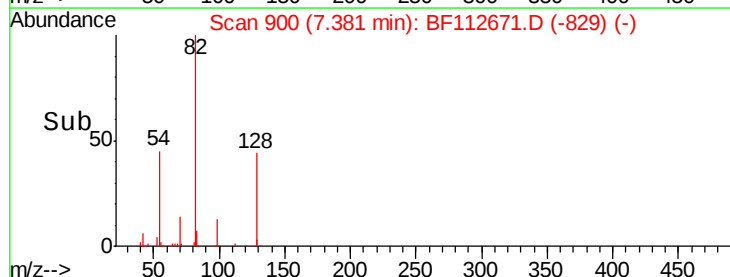
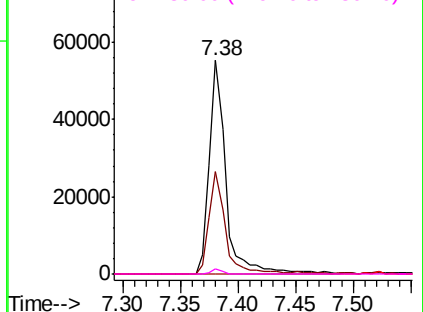


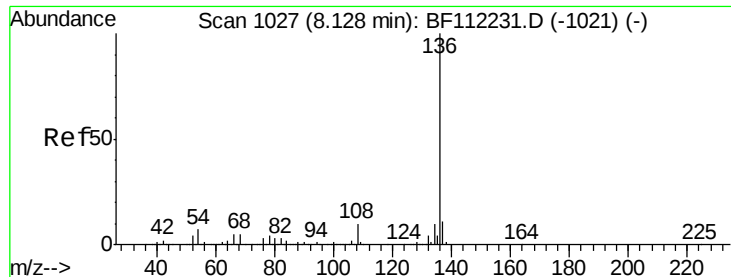
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

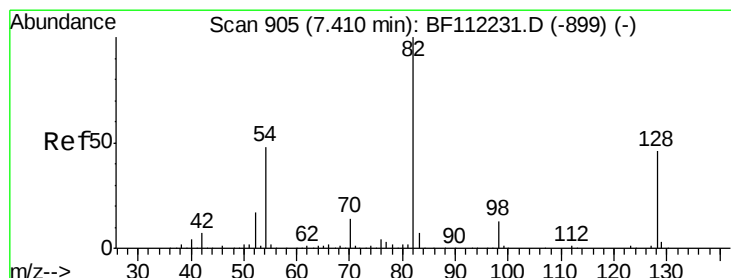
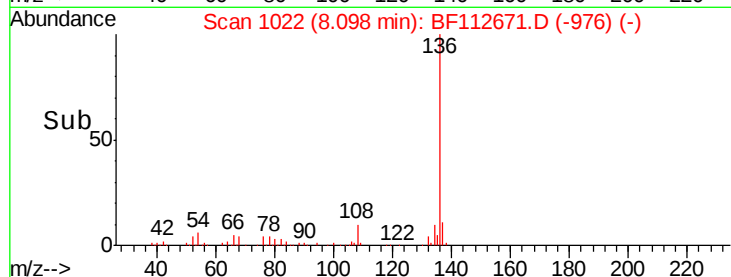
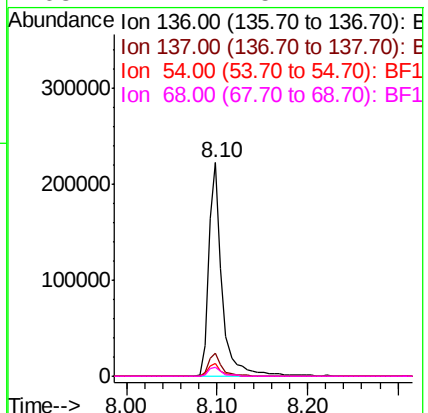
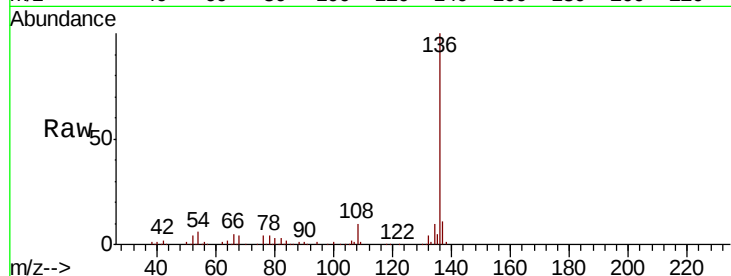




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

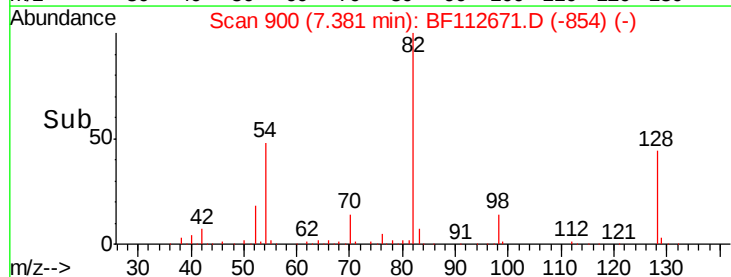
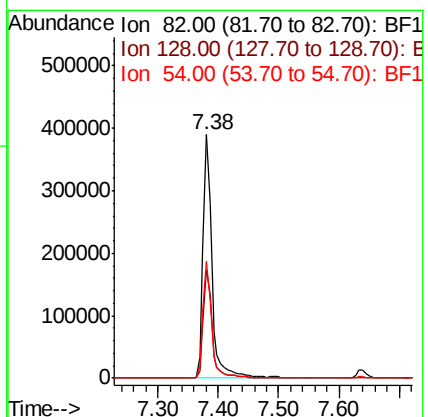
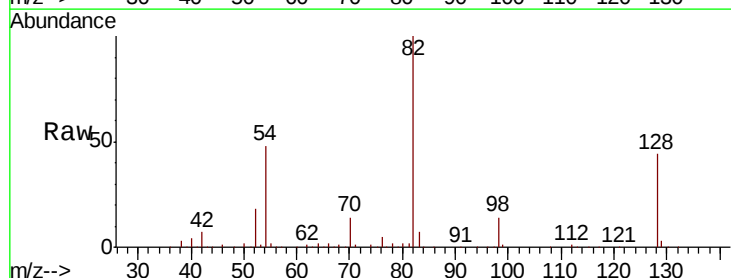
Instrument :
BNA_F
ClientSampleId :
25-25

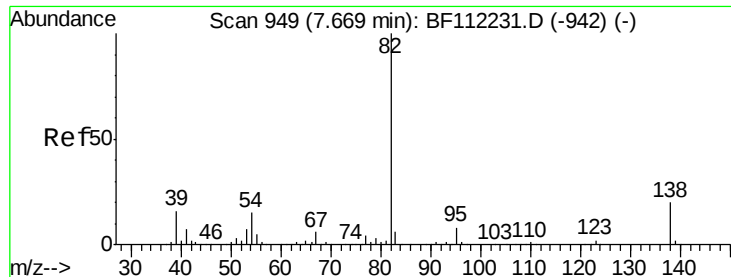
Tgt Ion:	136	Resp:	231069
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	5.9	8.9
68	4.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 100.874 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Tgt Ion:	82	Resp:	404528
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.8	56.8
54	48.0	39.7	59.5





#25

Isophorone

Concen: 2.467 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

ClientSampleId :

25-25

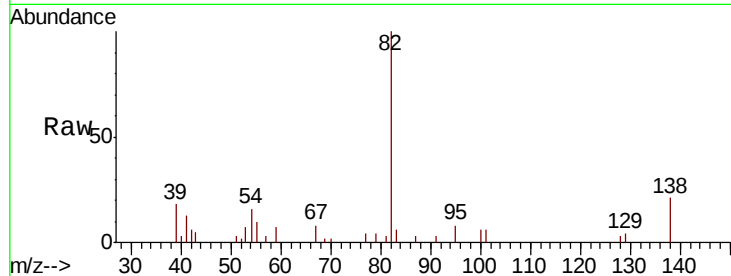
Tgt Ion: 82 Resp: 15519

Ion Ratio Lower Upper

82 100

95 7.9 5.7 8.5

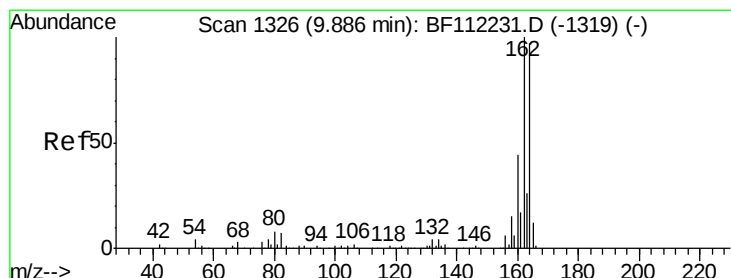
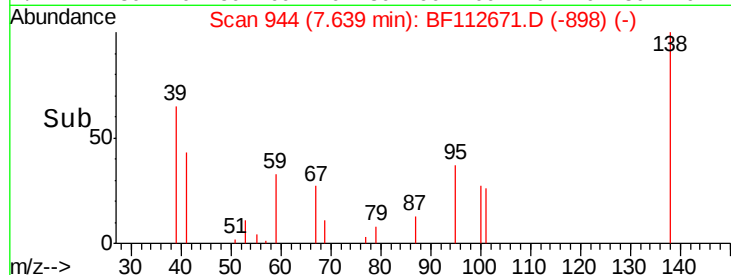
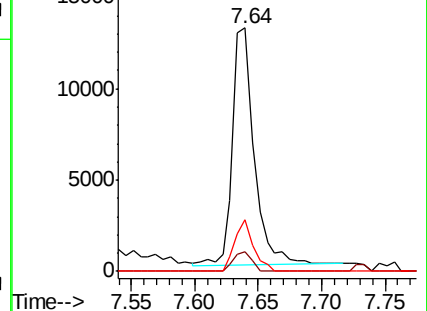
138 21.2 15.4 23.0



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: BF112671.D

Acq: 22 Feb 2019 18:23

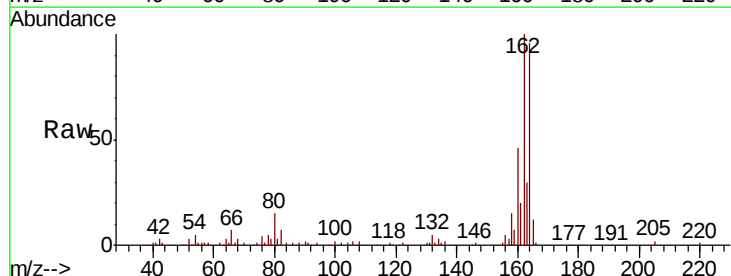
Tgt Ion: 164 Resp: 111274

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.4

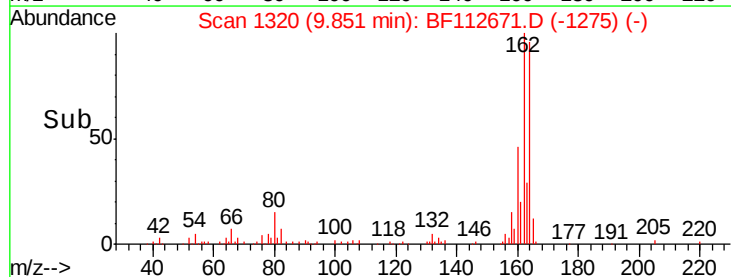
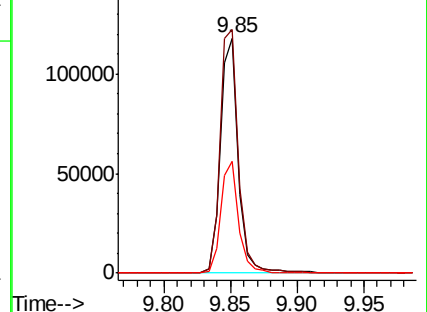
160 47.5 36.2 54.4

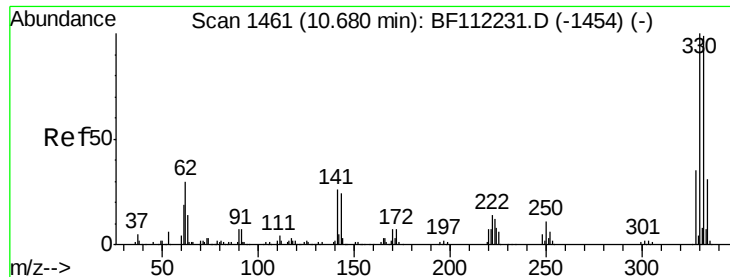


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 102.094 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

ClientSampleId :

25-25

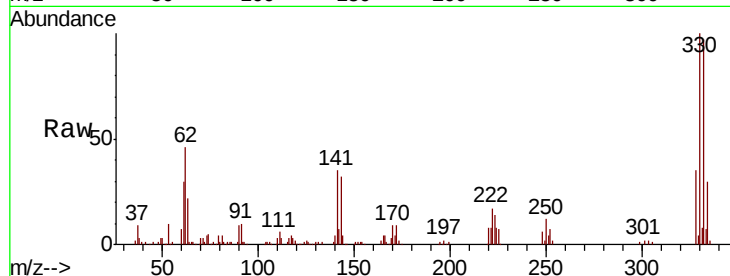
Tgt Ion:330 Resp: 132232

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

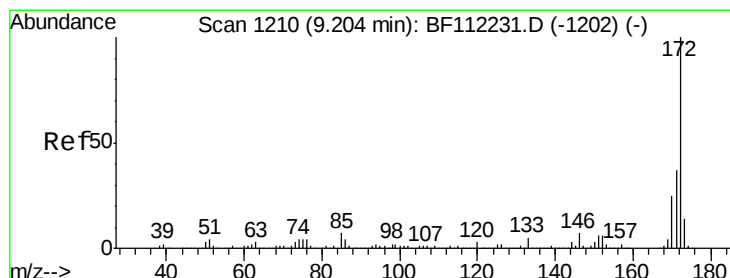
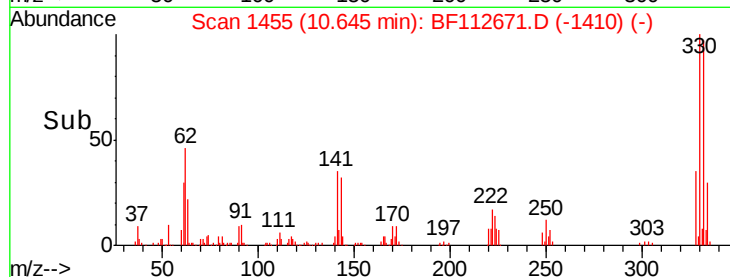
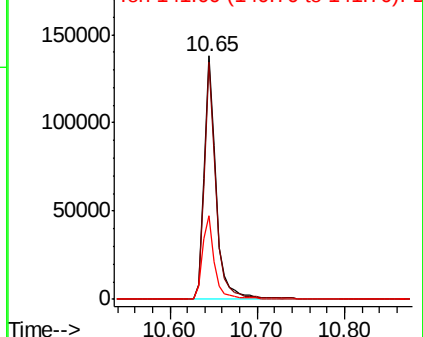
141 34.7 24.3 36.5



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: 101.232 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

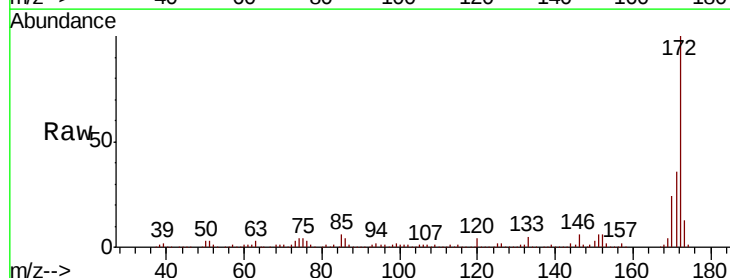
Tgt Ion:172 Resp: 796451

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

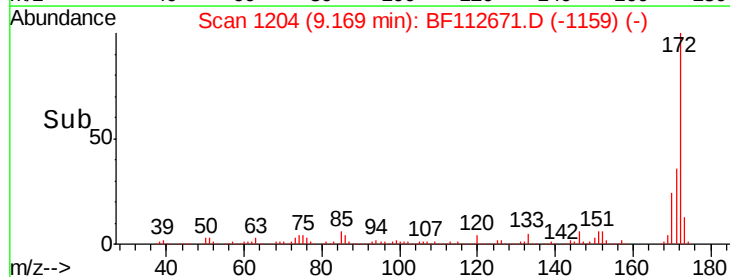
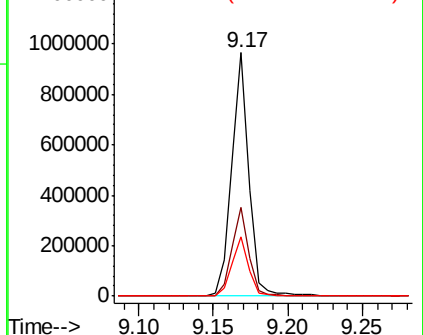
170 24.2 20.2 30.4

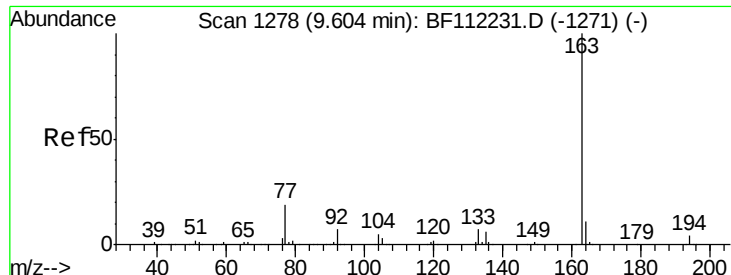


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

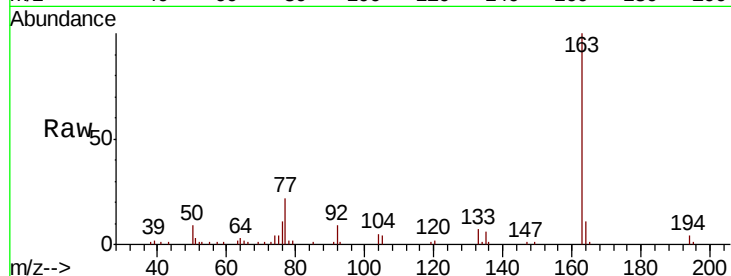




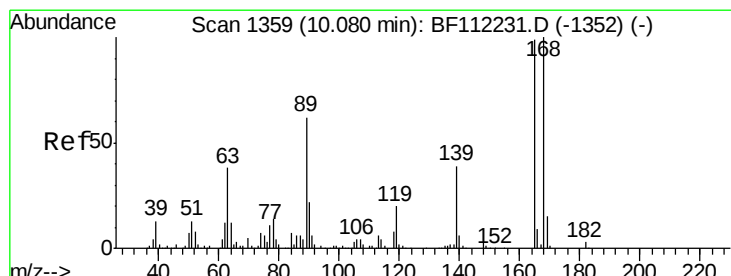
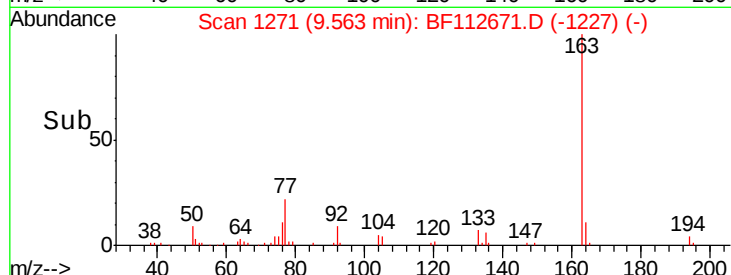
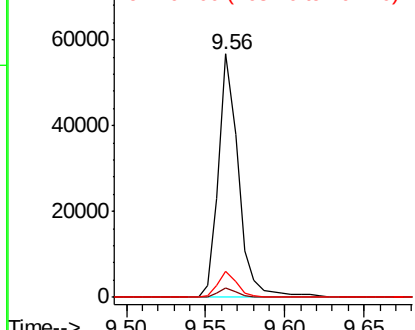
#50
Dimethylphthalate
Concen: 5.790 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Instrument :
BNA_F
ClientSampleId :
25-25

Tgt Ion:163 Resp: 50056
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.6 8.5 12.7

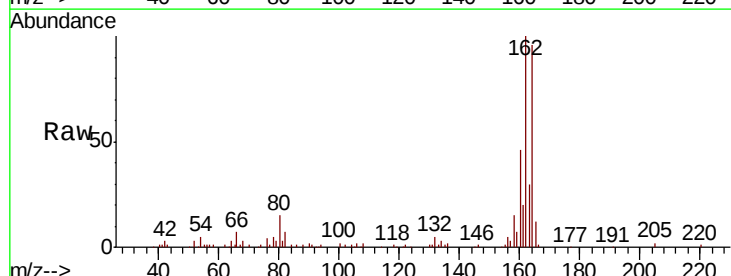


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

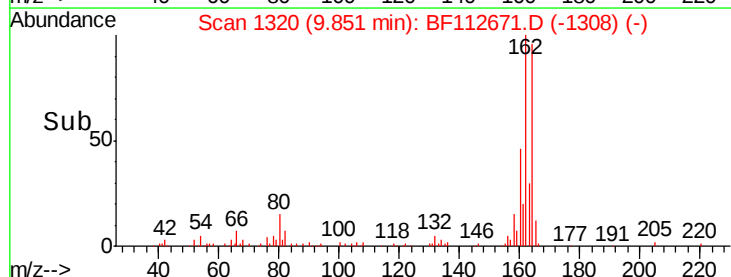
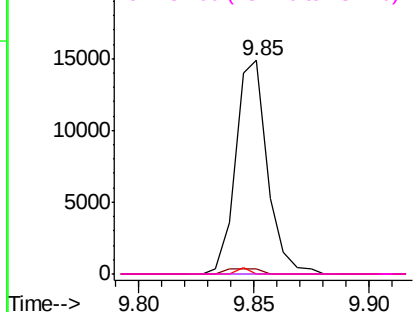


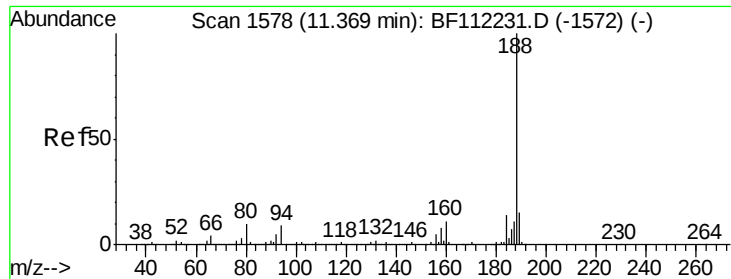
#57
2,4-Dinitrotoluene
Concen: 5.791 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Tgt Ion:165 Resp: 14274
Ion Ratio Lower Upper
165 100
63 2.2 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

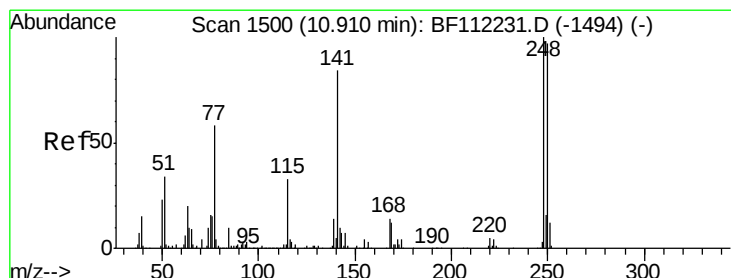
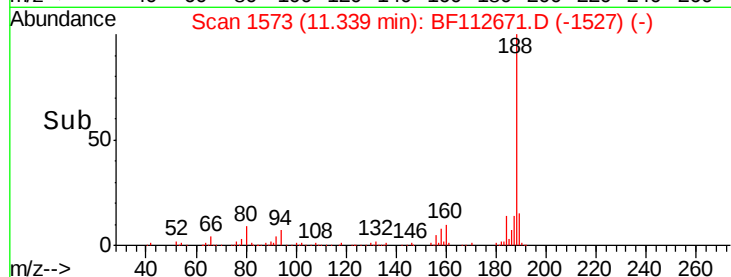
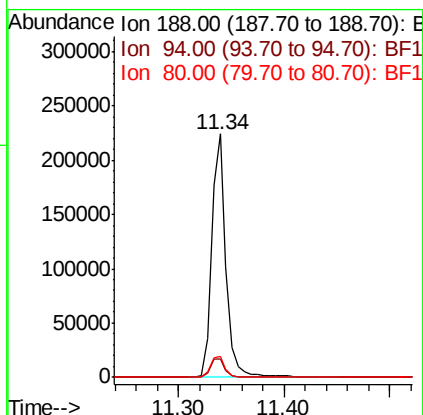
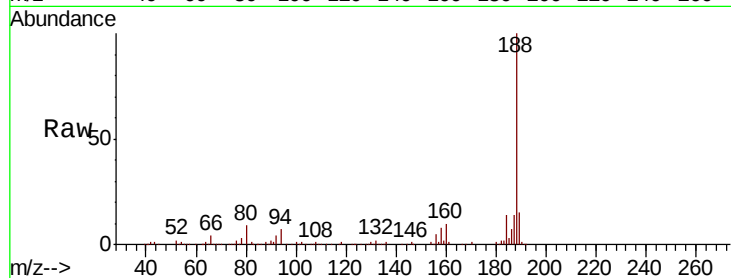




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112671.D
 Acq: 22 Feb 2019 18:23

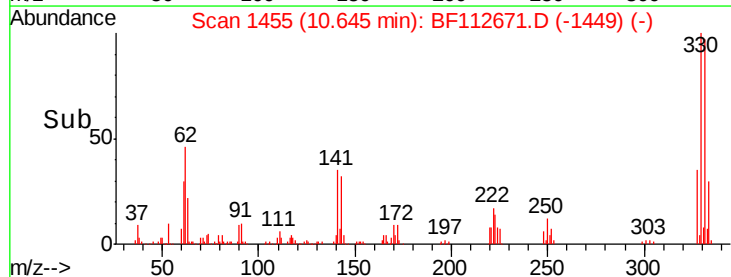
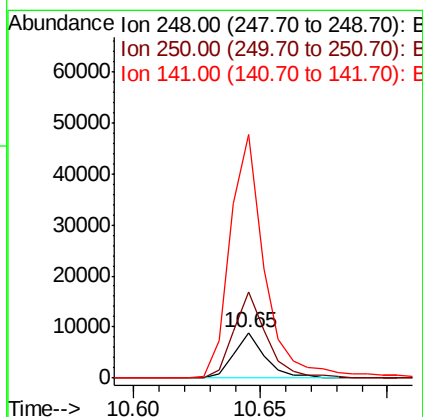
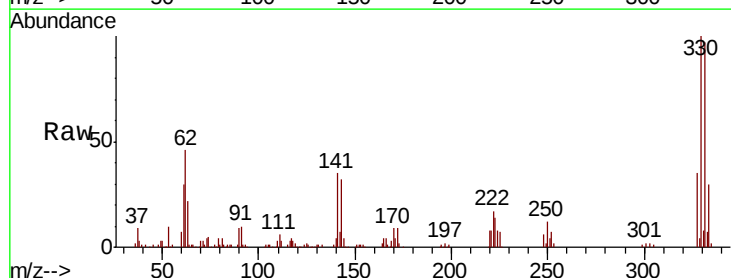
Instrument :
 BNA_F
 ClientSampleId :
 25-25

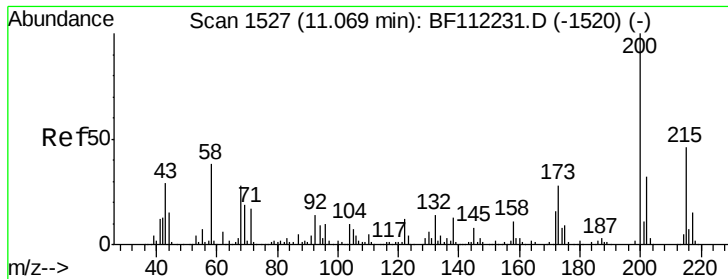
Tgt Ion:188 Resp: 211041
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.2 12.2#
 80 8.6 8.9 13.3#



#67
 4-Bromophenyl-phenylether
 Concen: 3.068 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.26 min
 Lab File: BF112671.D
 Acq: 22 Feb 2019 18:23

Tgt Ion:248 Resp: 7615
 Ion Ratio Lower Upper
 248 100
 250 189.9 79.7 119.5#
 141 536.0 60.3 90.5#

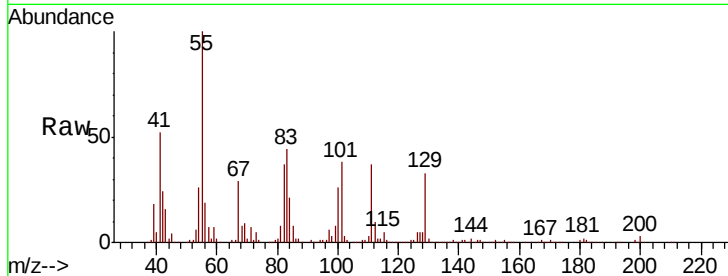




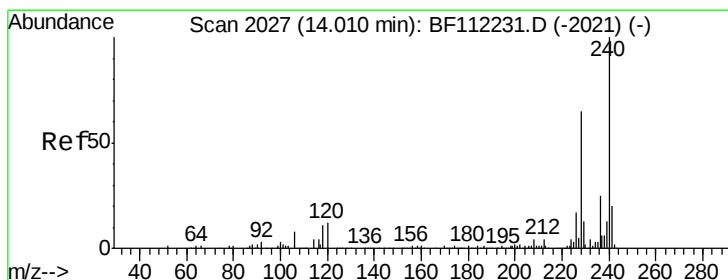
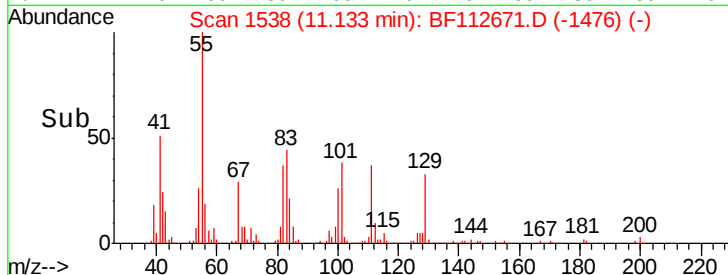
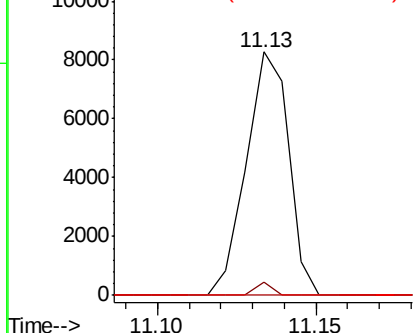
#69
Atrazine
Concen: 3.342 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.06 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Instrument :
BNA_F
ClientSampleId :
25-25

Tgt Ion:200 Resp: 7670
Ion Ratio Lower Upper
200 100
173 5.4 7.1 47.1#
215 0.0 30.4 70.4#

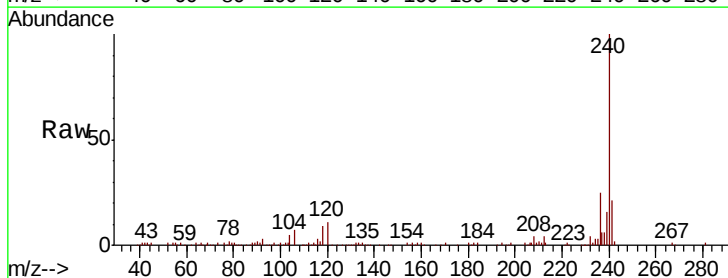


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

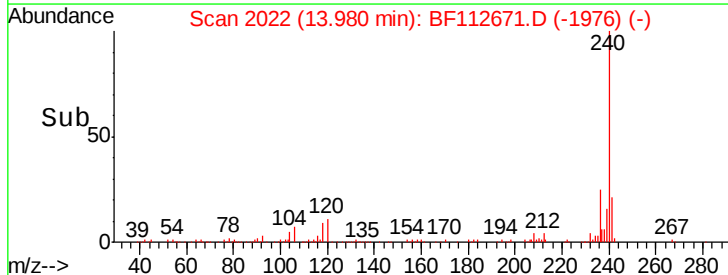
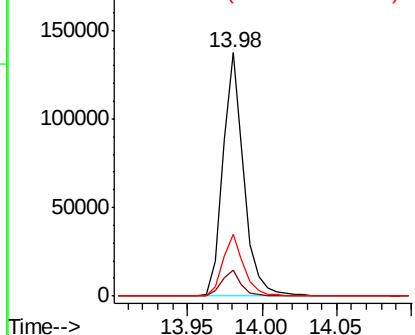


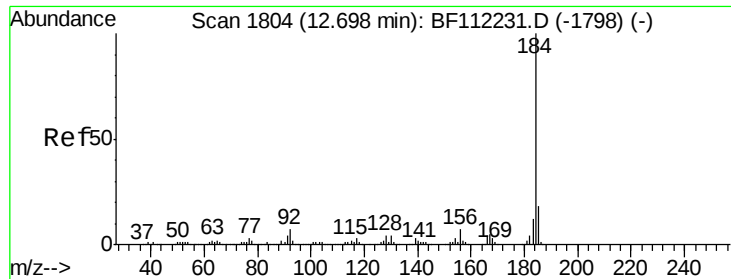
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Tgt Ion:240 Resp: 135801
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.3 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: 2.666 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.21 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

ClientSampleId :

25-25

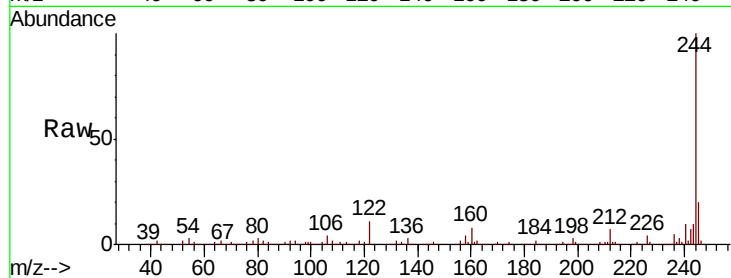
Tgt Ion:184 Resp: 9963

Ion Ratio Lower Upper

184 100

185 13.9 13.9 20.9#

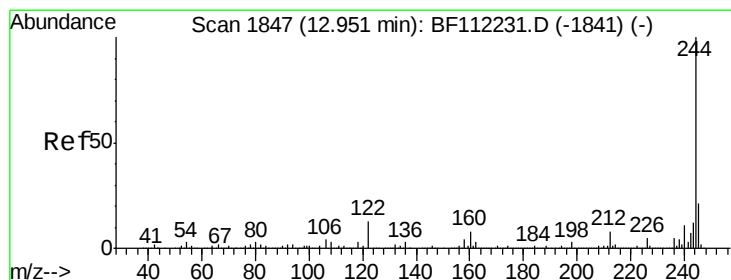
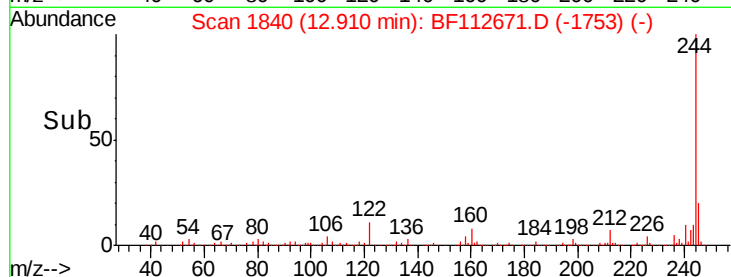
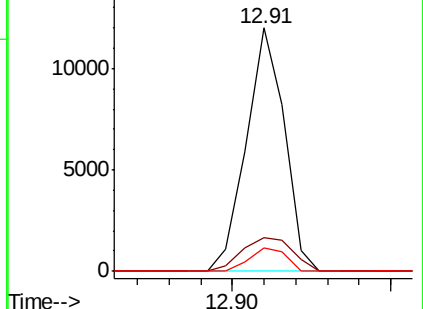
183 9.6 10.0 15.0#



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: 88.932 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

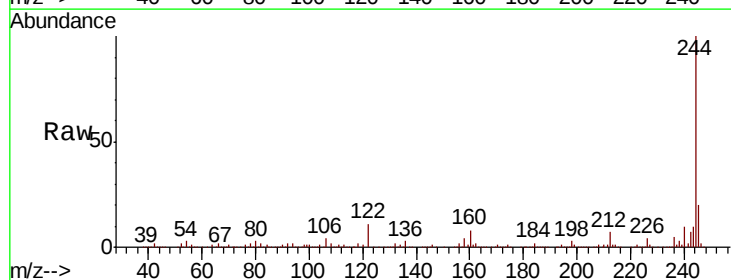
Tgt Ion:244 Resp: 641220

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

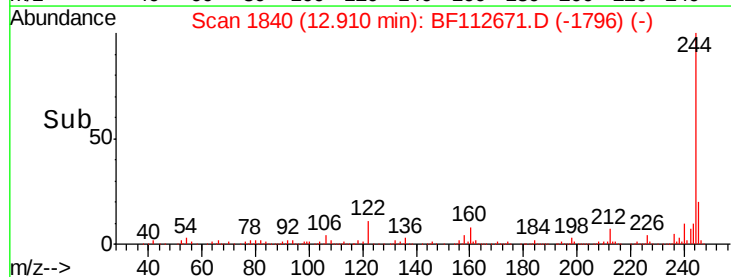
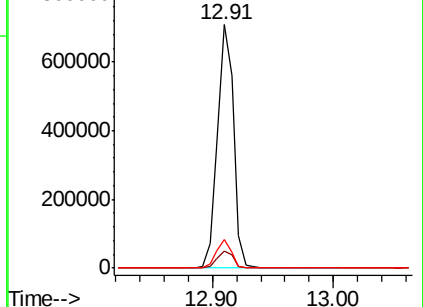
122 11.5 9.8 14.6

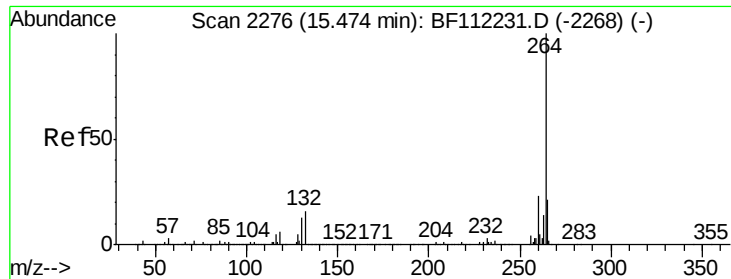


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Instrument :
BNA_F
ClientSampleId :
25-25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.4	17.0	25.4

