

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110595.D
 Acq On : 8 Nov 2018 19:59
 Operator : JU/SJ
 Sample : J5851-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:42:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

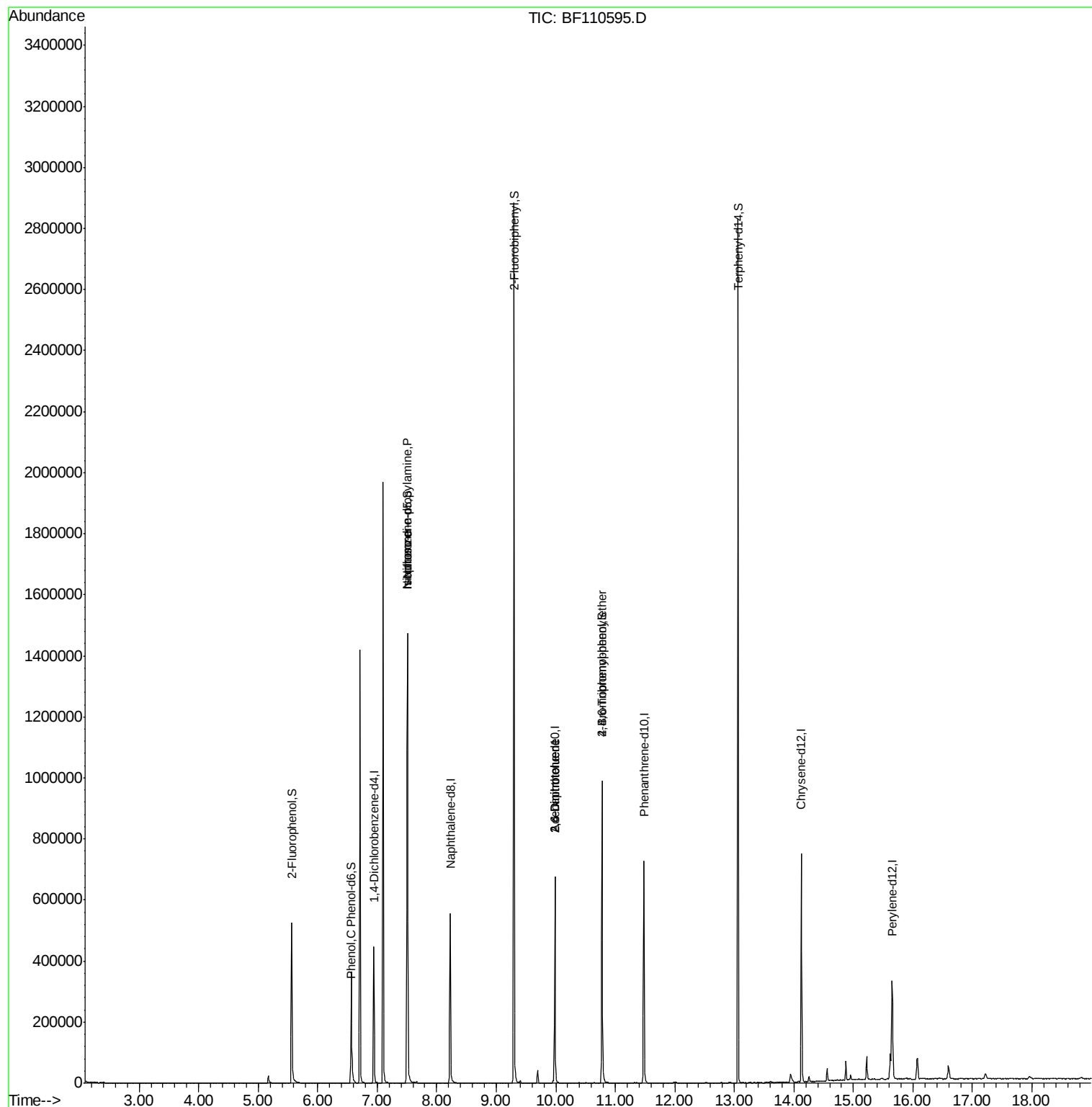
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73554	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	304723	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	148758	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	297080	20.00	ng	0.00
76) Chrysene-d12	14.13	240	254597	20.00	ng	-0.01
87) Perylene-d12	15.65	264	169526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	175337	38.72	ng	0.00
7) Phenol-d6	6.56	99	134065	23.15	ng	-0.01
23) Nitrobenzene-d5	7.51	82	495461	93.64	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	119505	79.73	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	963999	92.55	ng	0.00
79) Terphenyl-d14	13.06	244	962047	70.77	ng	0.00
Target Compounds						
10) Phenol	6.57	94	22981	3.42	ng	# 67
19) n-Nitroso-di-n-propylamine	7.51	70	65112	17.62	ng	# 79
25) Isophorone	7.51	82	495458	57.13	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	18758	7.68	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	18758	5.91	ng	# 20
67) 4-Bromophenyl-phenylether	10.77	248	7692	2.34	ng	# 1

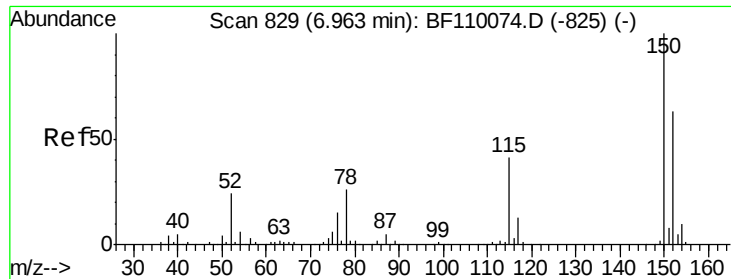
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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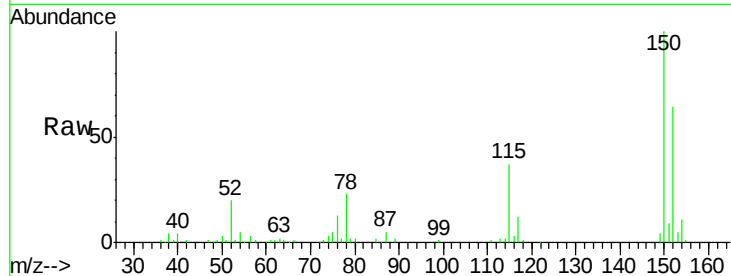


#1

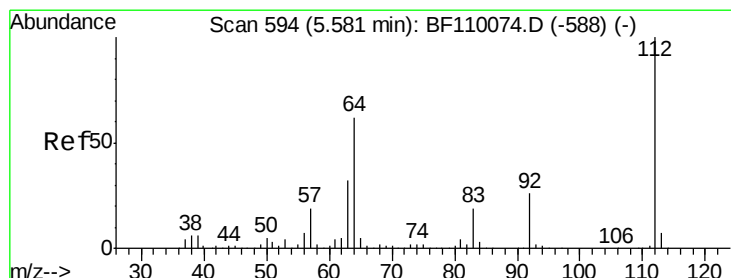
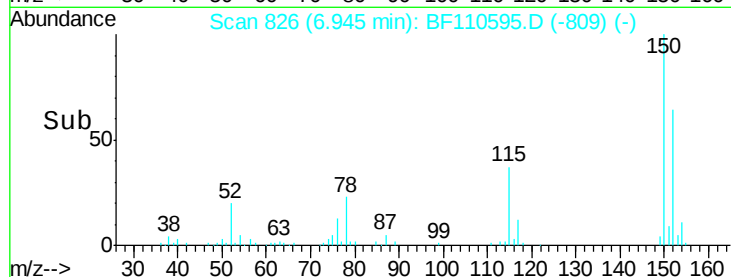
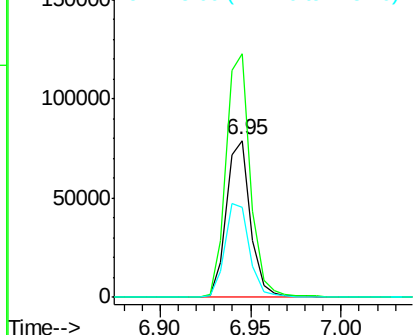
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110595.D
Acq: 8 Nov 2018 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73554
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 57.5 49.1 73.7



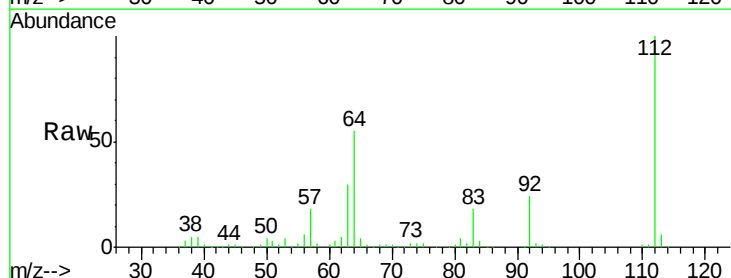
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



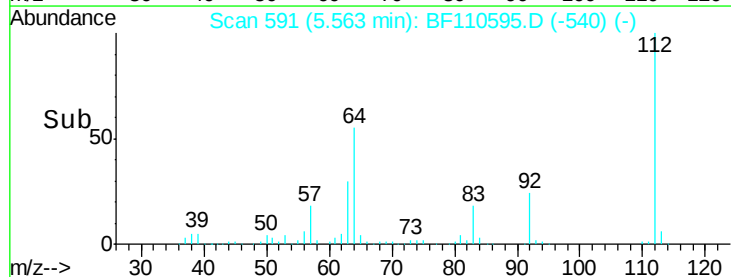
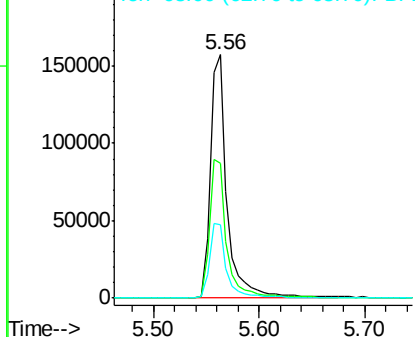
#5

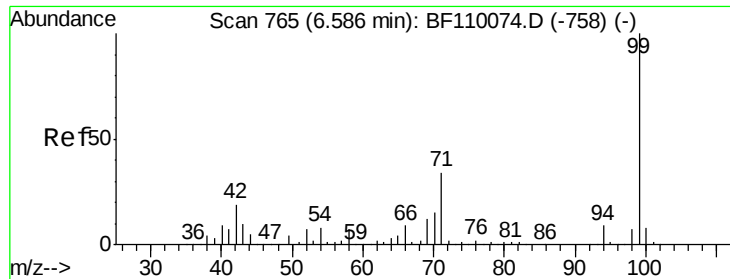
2-Fluorophenol
Concen: 38.72 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110595.D
Acq: 8 Nov 2018 19:59

Tgt Ion:112 Resp: 175337
Ion Ratio Lower Upper
112 100
64 55.4 44.1 66.1
63 30.4 23.7 35.5



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: 23.15 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110595.D

Acq: 8 Nov 2018 19:59

Instrument :

BNA_F

ClientSampleId :

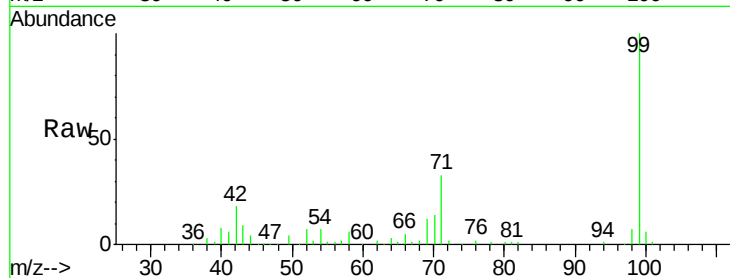
Tot Ion: 99 Resp: 134065

Ion Ratio Lower Upper

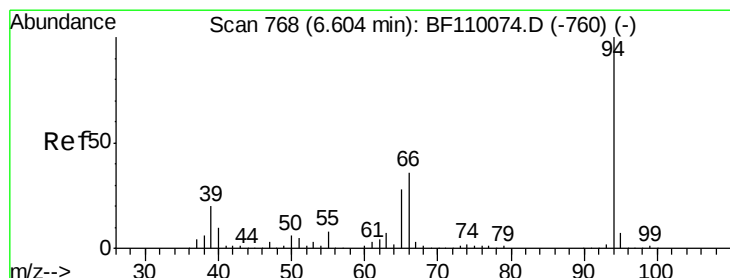
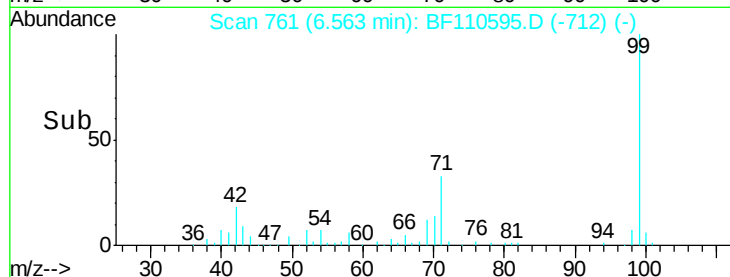
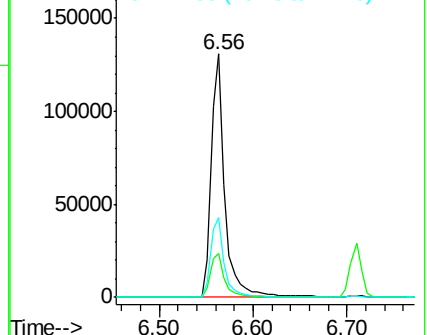
99 100

42 18.0 15.8 23.6

71 32.9 28.0 42.0



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: 3.42 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110595.D

Acq: 8 Nov 2018 19:59

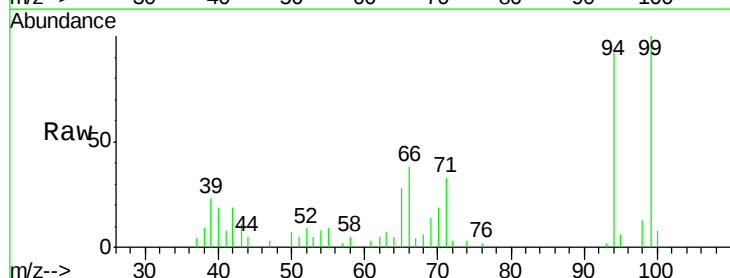
Tgt Ion: 94 Resp: 22981

Ion Ratio Lower Upper

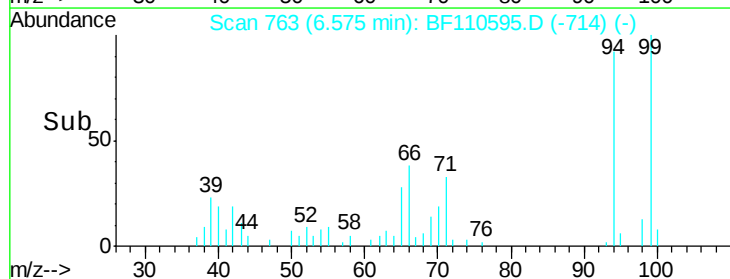
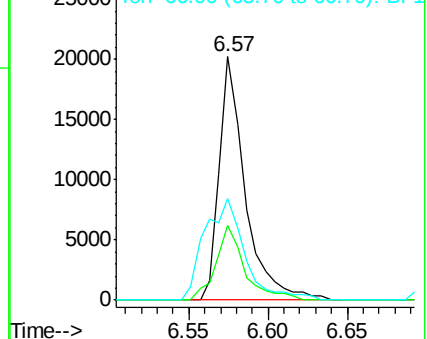
94 100

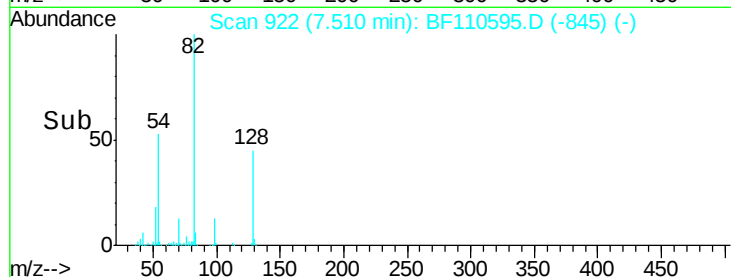
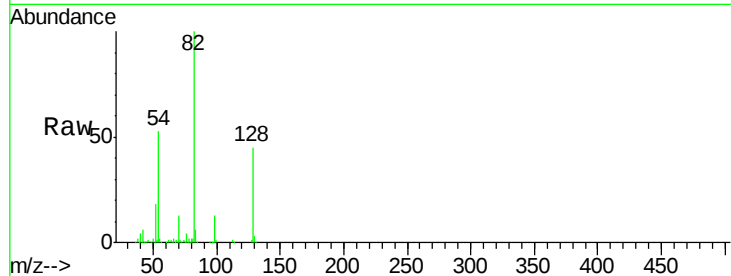
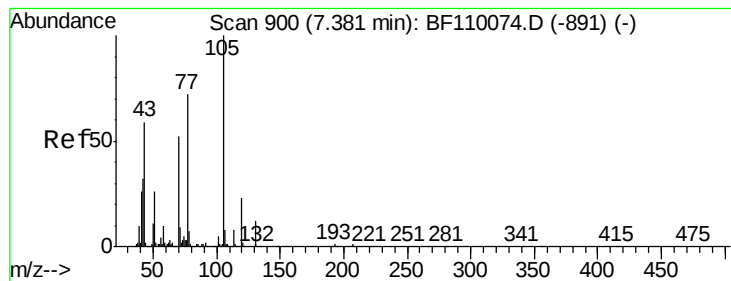
65 30.5 25.3 65.3

66 41.6 54.5 94.5#



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: 17.62 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110595.D

Acq: 8 Nov 2018 19:59

Instrument :

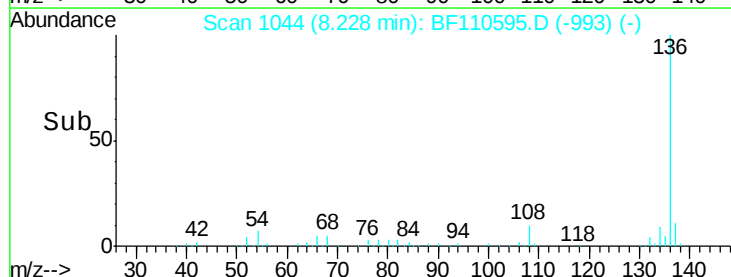
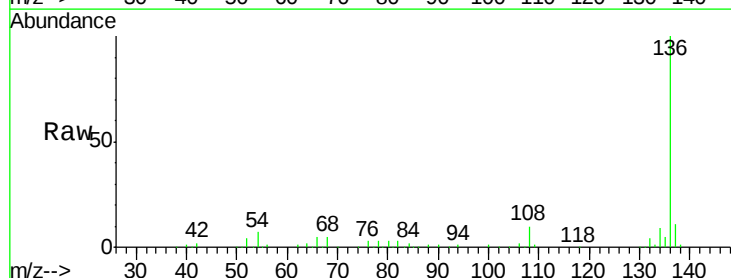
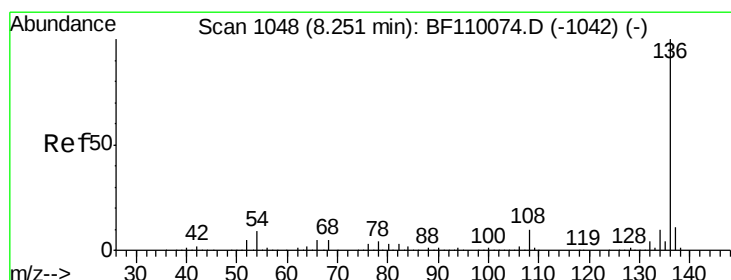
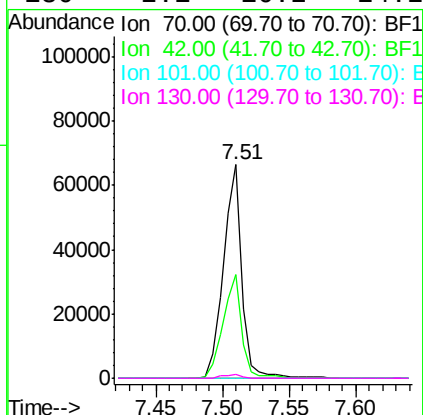
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 65112

Ion Ratio Lower Upper

70	100		
42	48.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

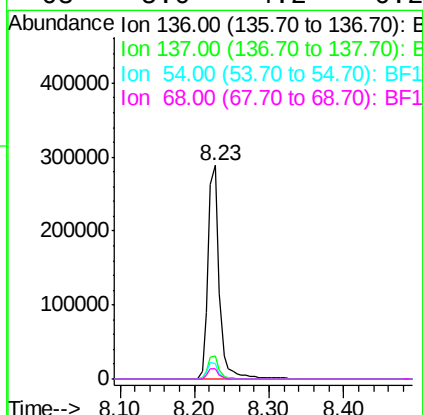
Lab File: BF110595.D

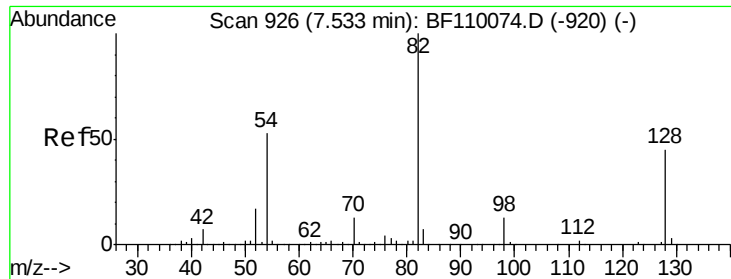
Acq: 8 Nov 2018 19:59

Tgt Ion: 136 Resp: 304723

Ion Ratio Lower Upper

136	100		
137	10.5	8.8	13.2
54	7.3	5.4	8.2
68	5.0	4.2	6.2

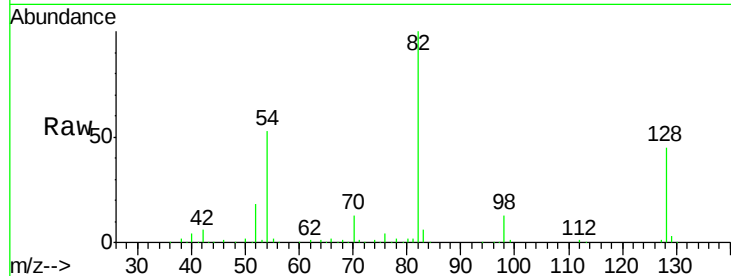




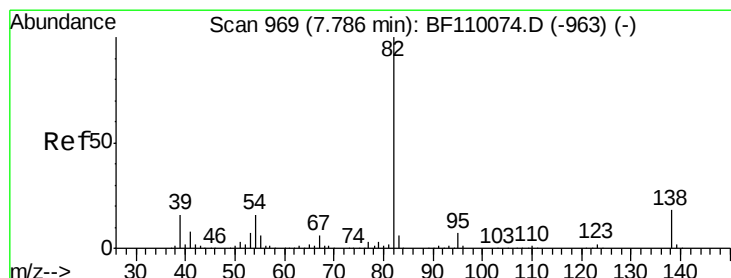
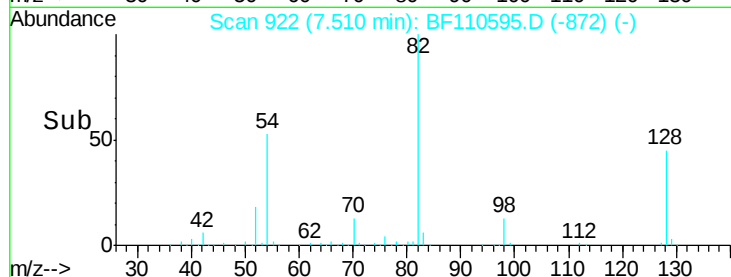
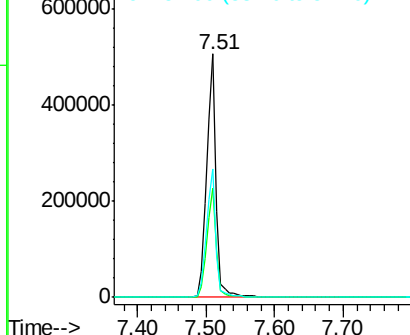
#23
Nitrobenzene-d5
Concen: 93.64 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110595.D
Acq: 8 Nov 2018 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 495461
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.2
54 52.7 38.6 58.0

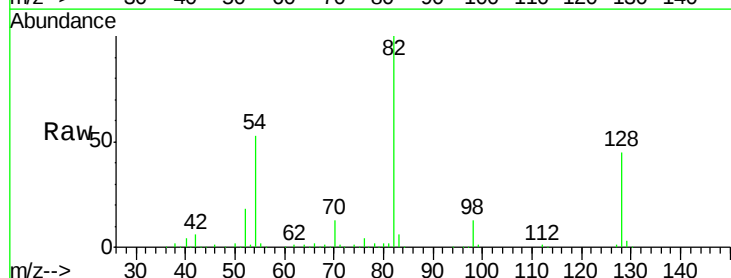


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

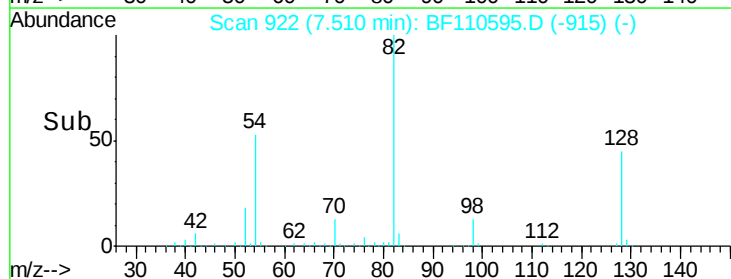
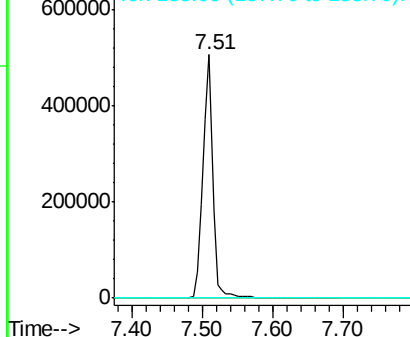


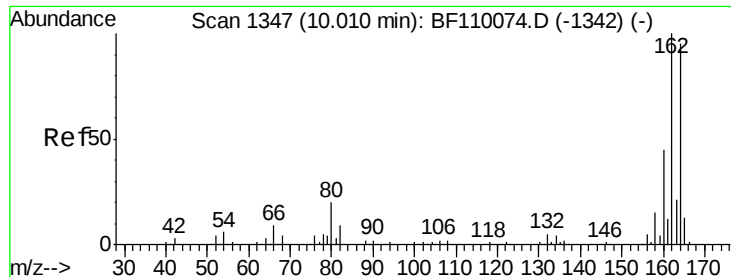
#25
Isophorone
Concen: 57.13 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110595.D
Acq: 8 Nov 2018 19:59

Tgt Ion: 82 Resp: 495458
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



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: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110595.D

Acq: 8 Nov 2018 19:59

Instrument :

BNA_F

ClientSampleId :

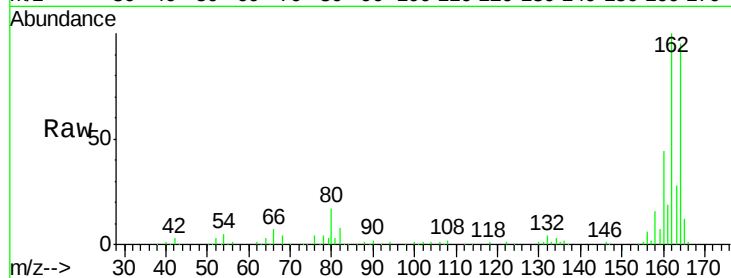
Tot Ion:164 Resp: 148758

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

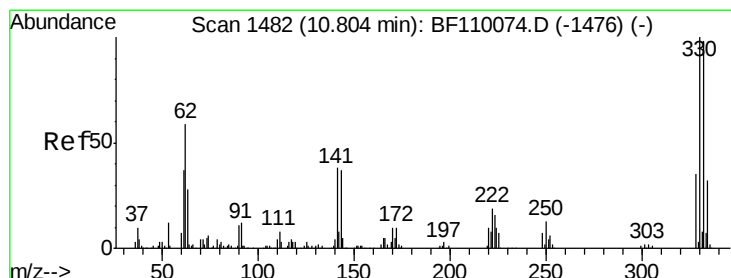
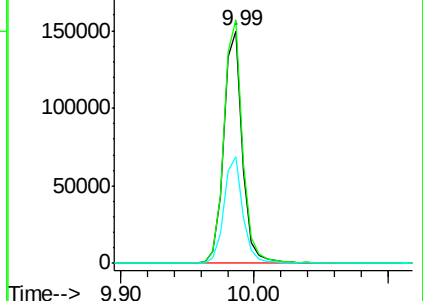
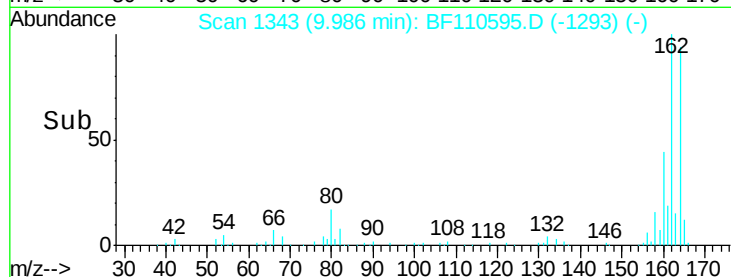
160 46.0 37.0 55.6



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: 79.73 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110595.D

Acq: 8 Nov 2018 19:59

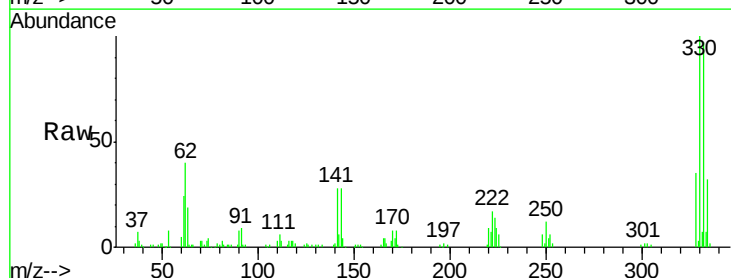
Tgt Ion:330 Resp: 119505

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

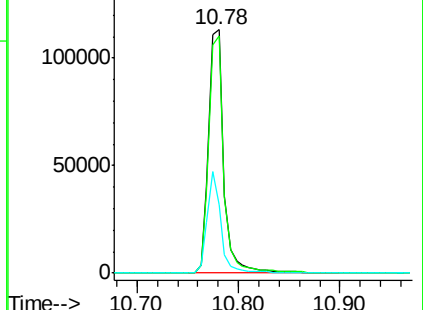
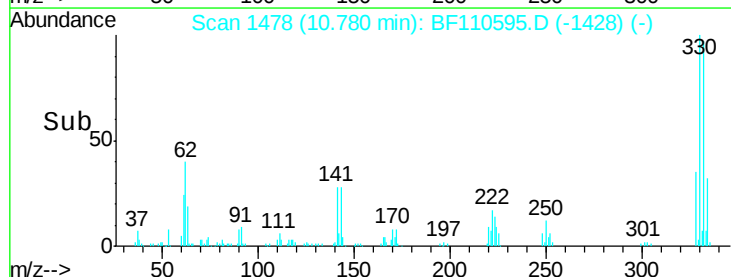
141 36.9 27.0 40.4

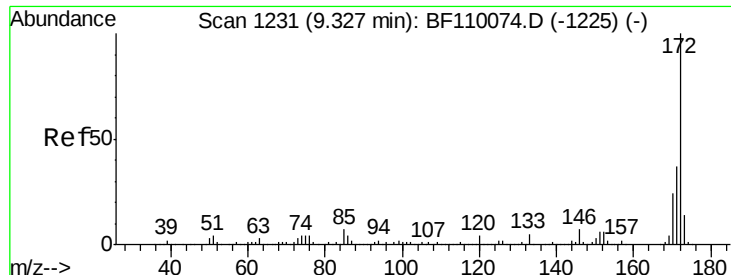


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

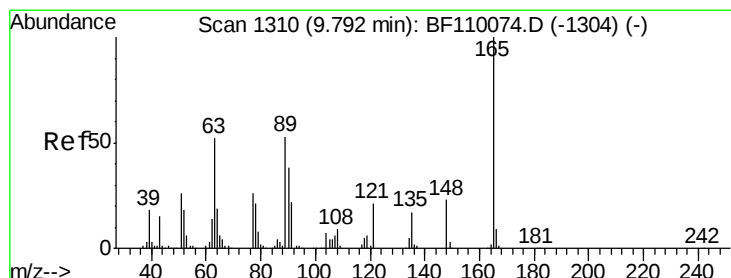
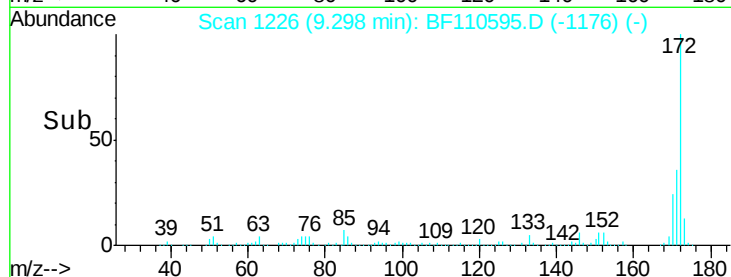
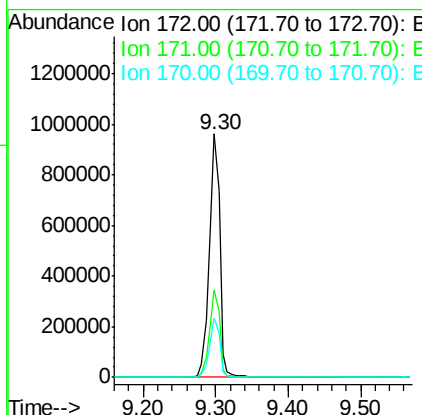
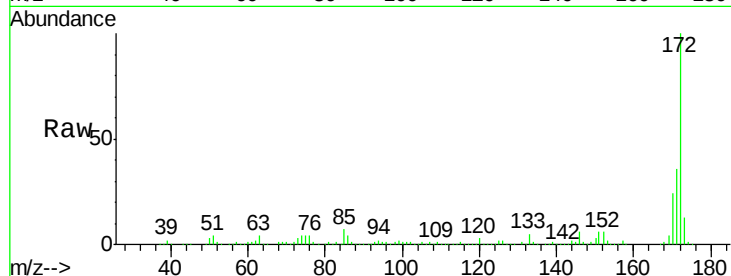




#45
2-Fluorobiphenyl
Concen: 92.55 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110595.D
Acq: 8 Nov 2018 19:59

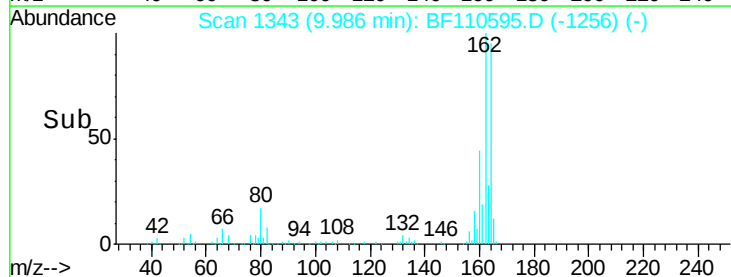
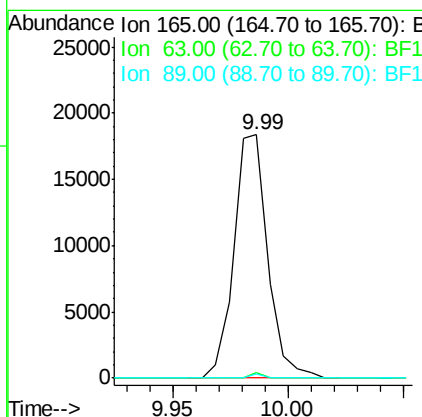
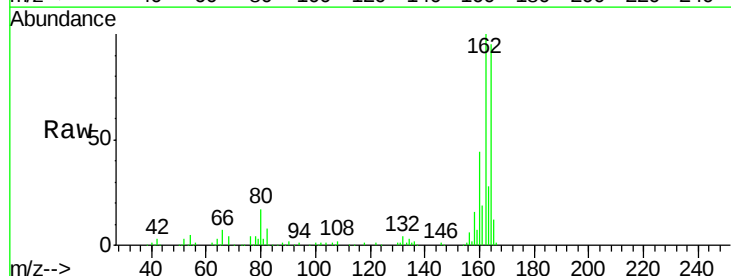
Instrument :
BNA_F
ClientSampleId :

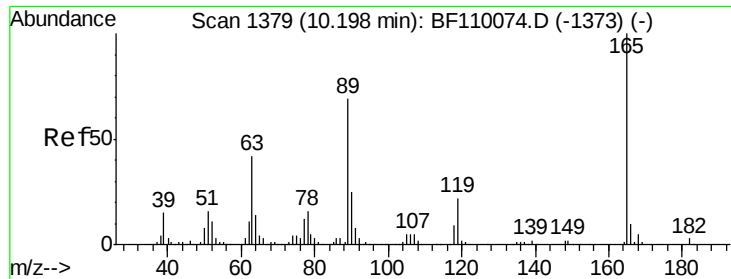
Tot Ion:172 Resp: 963999
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110595.D
Acq: 8 Nov 2018 19:59

Tgt Ion:165 Resp: 18758
Ion Ratio Lower Upper
165 100
63 2.2 48.9 73.3#
89 1.7 46.6 69.8#

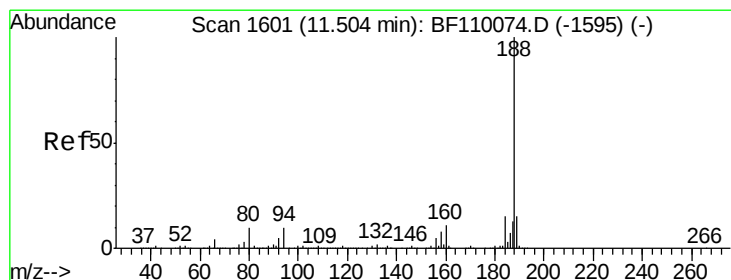
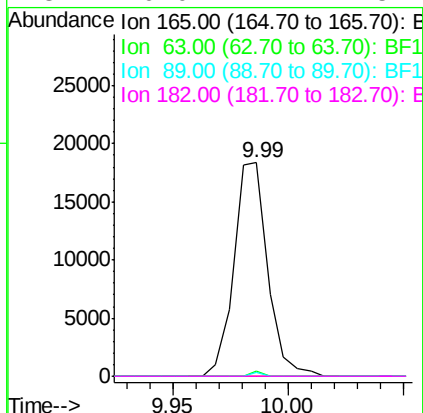
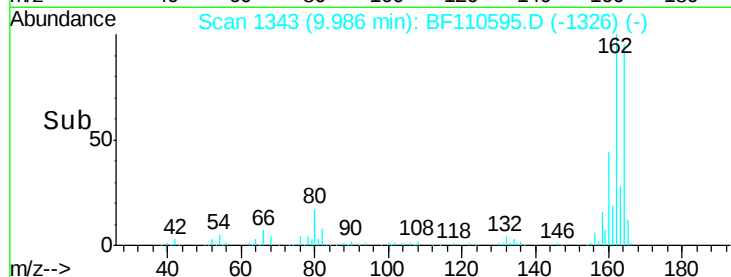
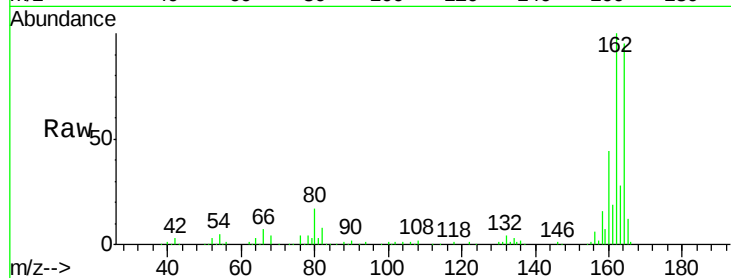




#57
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110595.D
 Acq: 8 Nov 2018 19:59

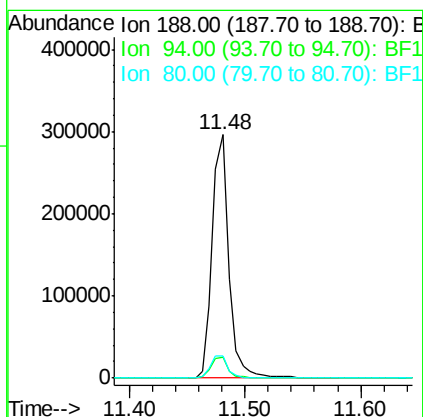
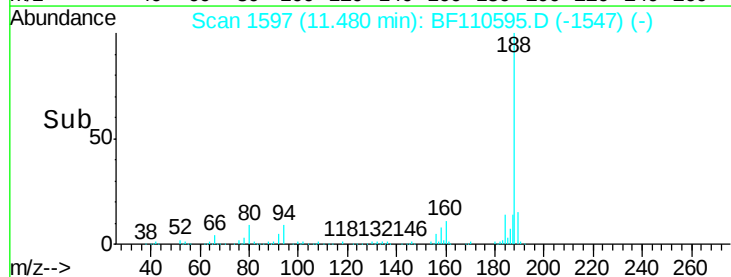
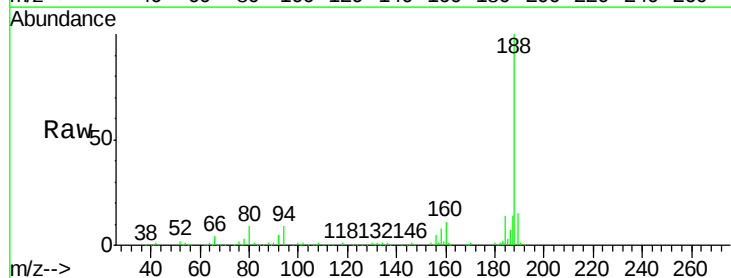
Instrument :
 BNA_F
 ClientSampleId :

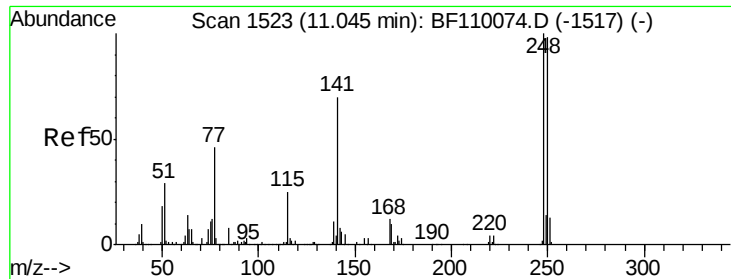
Tot Ion:	165	Resp:	18758
Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110595.D
 Acq: 8 Nov 2018 19:59

Tgt Ion:	188	Resp:	297080
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.0	7.9	11.9

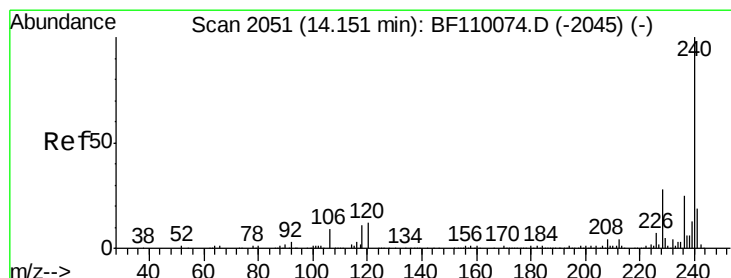
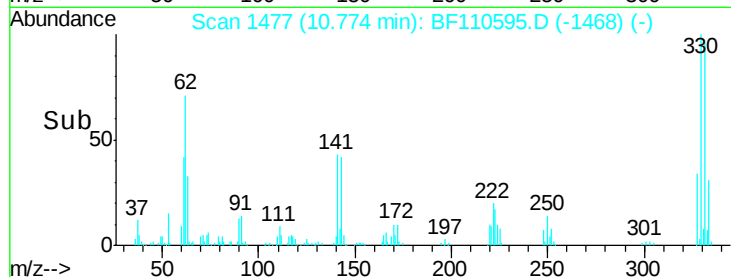
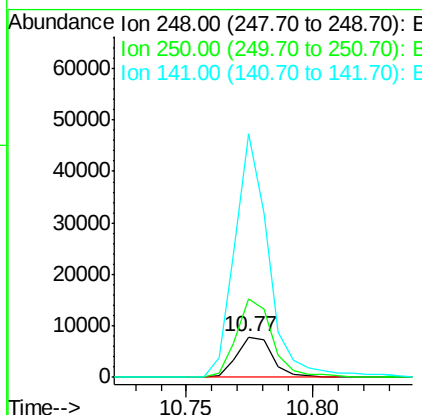
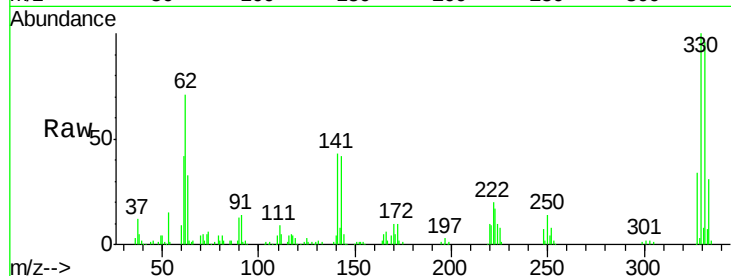




#67
 4-Bromophenyl-phenylether
 Concen: 2.34 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110595.D
 Acq: 8 Nov 2018 19:59

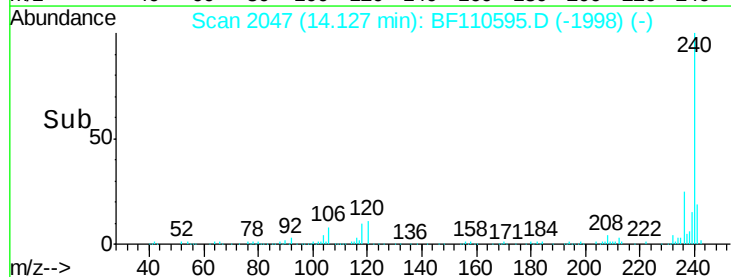
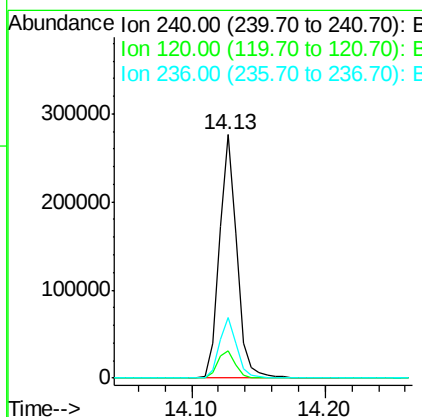
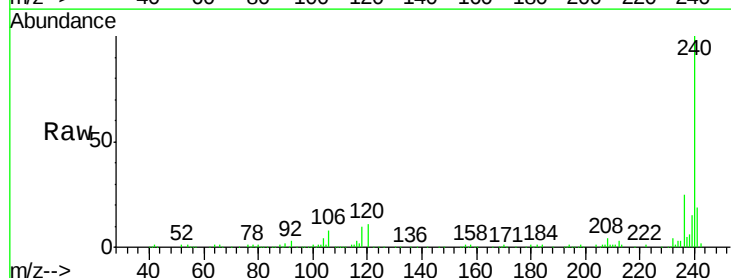
Instrument :
 BNA_F
 ClientSampleId :

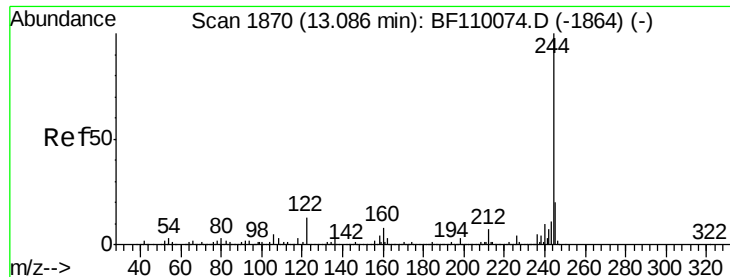
Tot Ion:248 Resp: 7692
 Ion Ratio Lower Upper
 248 100
 250 196.6 79.4 119.2#
 141 607.1 55.9 83.9#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110595.D
 Acq: 8 Nov 2018 19:59

Tgt Ion:240 Resp: 254597
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 25.0 21.2 31.8





#79

Terphenyl-d14

Concen: 70.77 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110595.D

Acq: 8 Nov 2018 19:59

Instrument :

BNA_F

ClientSampled :

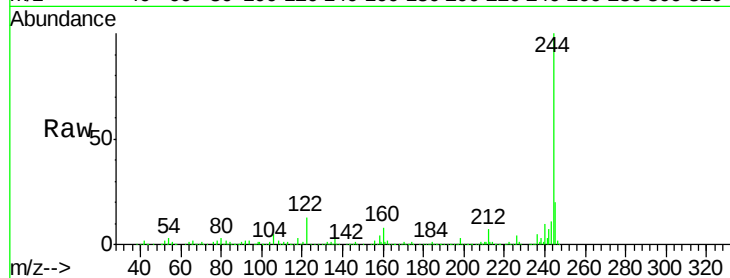
Tot Ion:244 Resp: 962047

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

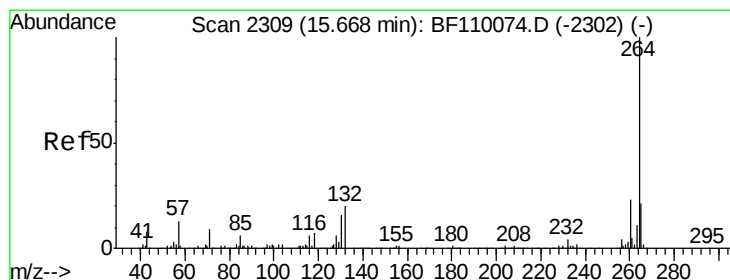
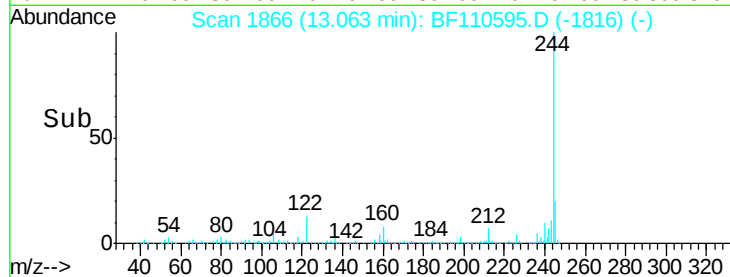
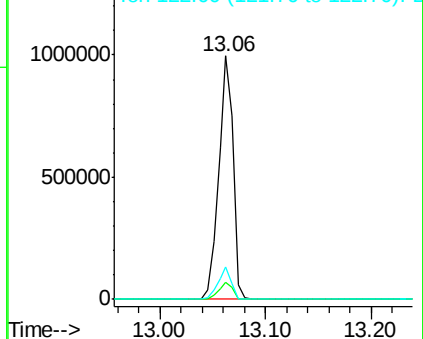
122 13.3 8.7 13.1#



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: 20.00 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF110595.D

Acq: 8 Nov 2018 19:59

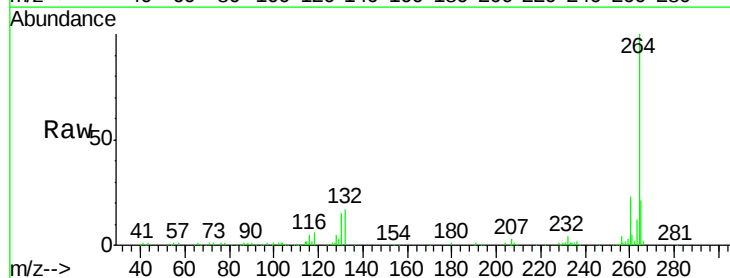
Tgt Ion:264 Resp: 169526

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 20.7 16.7 25.1



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

