

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110591.D
 Acq On : 8 Nov 2018 18:12
 Operator : JU/SJ
 Sample : J5851-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:42:00 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

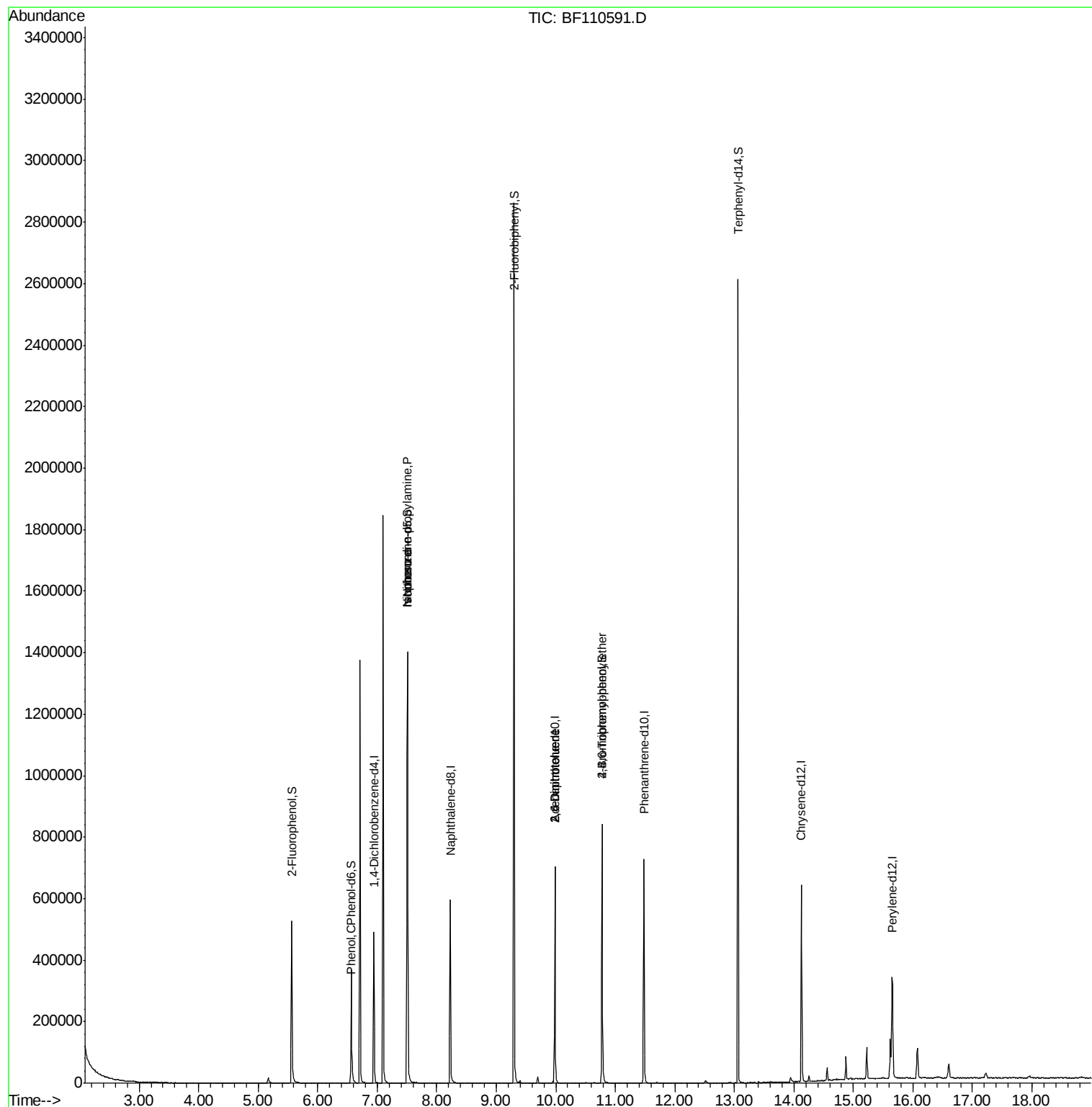
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74515	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	310971	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	147331	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	286222	20.00	ng	0.00
76) Chrysene-d12	14.13	240	219603	20.00	ng	-0.01
87) Perylene-d12	15.65	264	172999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	171037	37.28	ng	0.00
7) Phenol-d6	6.56	99	129097	22.01	ng	-0.01
23) Nitrobenzene-d5	7.51	82	482371	89.33	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	102357	68.95	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	934558	90.59	ng	0.00
79) Terphenyl-d14	13.06	244	853497	72.79	ng	0.00
Target Compounds						
10) Phenol	6.57	94	15461	2.27	ng	Qvalue 77
19) n-Nitroso-di-n-propylamine	7.51	70	62724	16.75	ng	# 79
25) Isophorone	7.51	82	482369	54.50	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	18609	7.69	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	18609	5.92	ng	# 18
67) 4-Bromophenyl-phenylether	10.77	248	6888	2.18	ng	# 1

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

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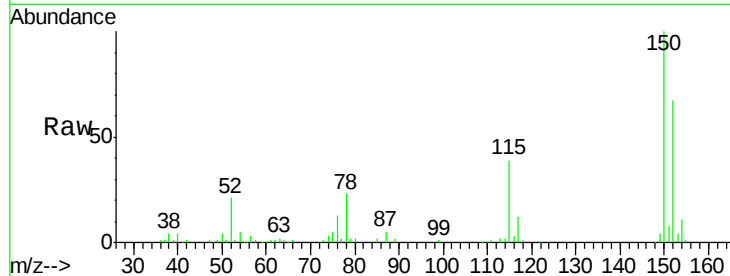


#1

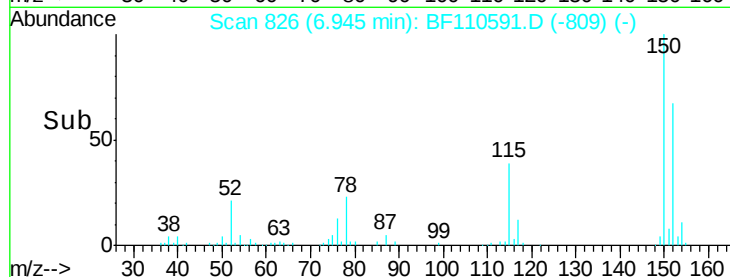
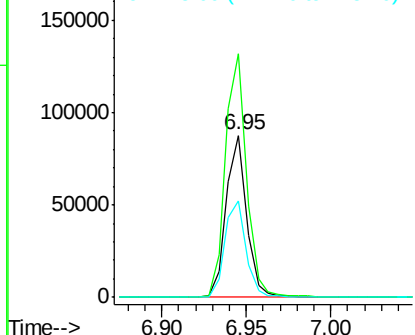
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74515
Ion Ratio Lower Upper
152 100
150 150.2 122.7 184.1
115 59.1 49.1 73.7



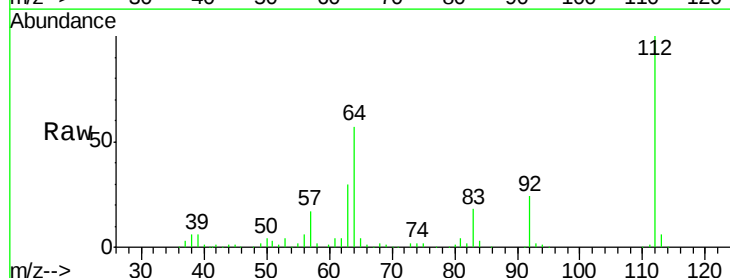
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



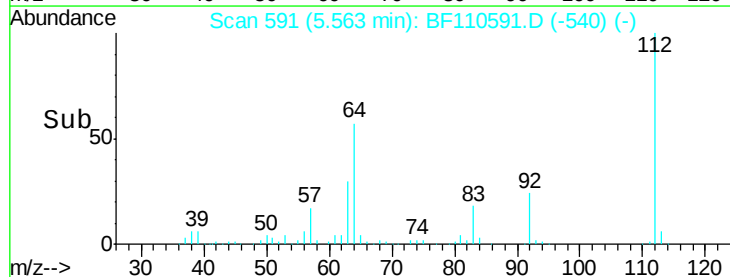
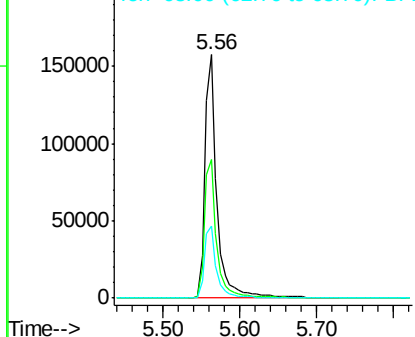
#5

2-Fluorophenol
Concen: 37.28 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

Tgt Ion:112 Resp: 171037
Ion Ratio Lower Upper
112 100
64 57.1 44.1 66.1
63 29.7 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: 22.01 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110591.D

Acq: 8 Nov 2018 18:12

Instrument :

BNA_F

ClientSampleId :

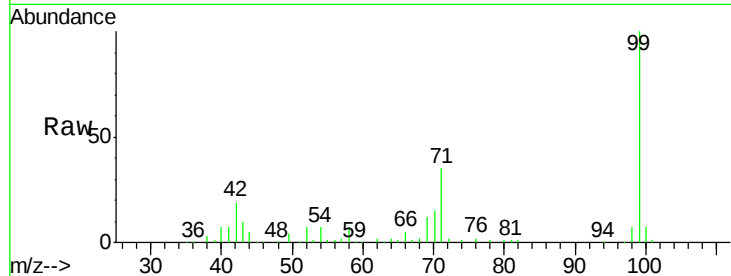
Tot Ion: 99 Resp: 129097

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

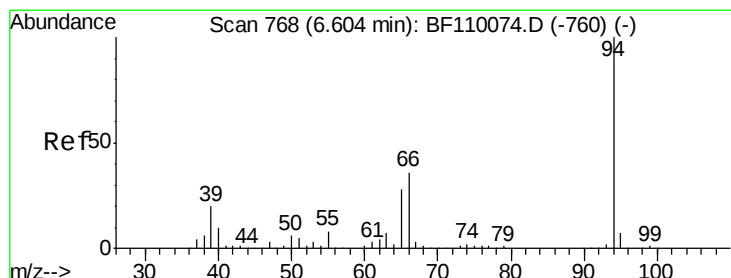
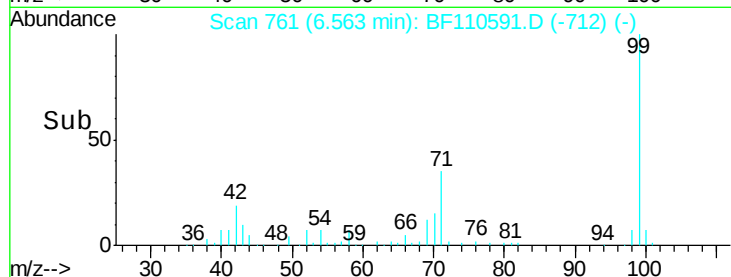
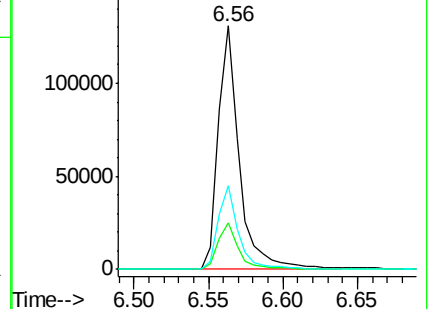
71 34.6 28.0 42.0



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: 2.27 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110591.D

Acq: 8 Nov 2018 18:12

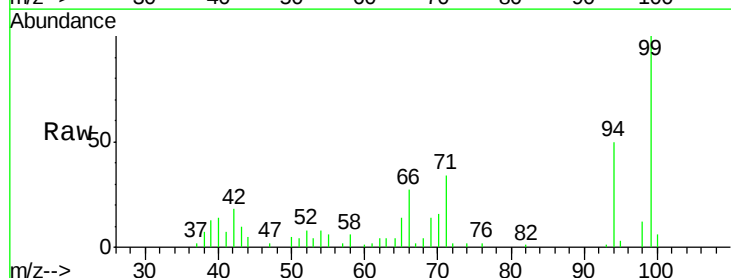
Tgt Ion: 94 Resp: 15461

Ion Ratio Lower Upper

94 100

65 29.2 25.3 65.3

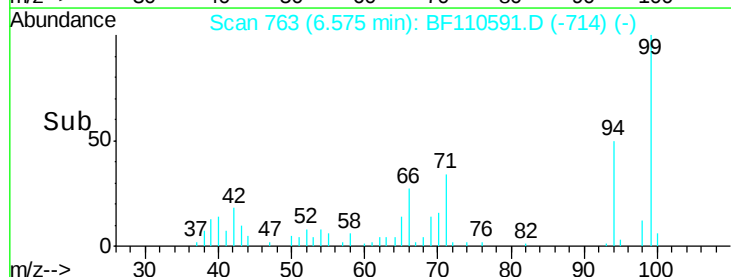
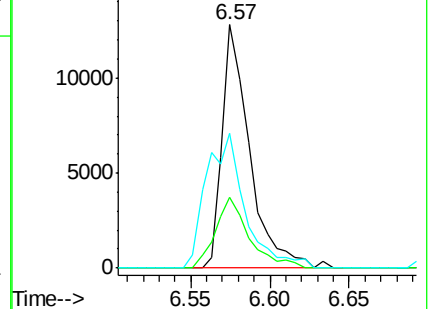
66 55.2 54.5 94.5

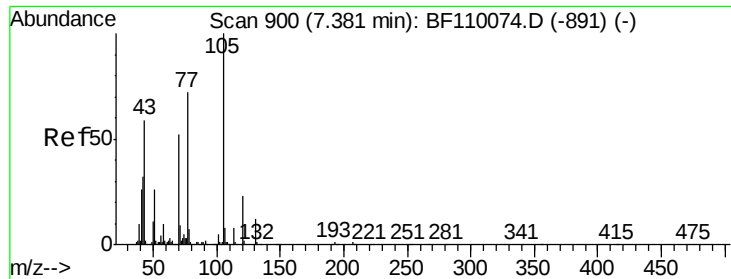


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

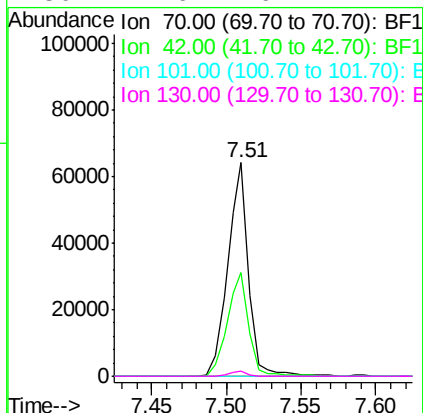
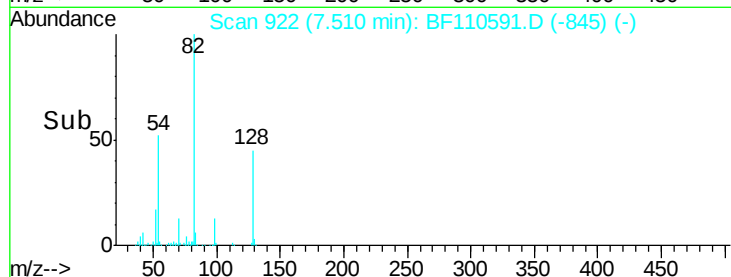
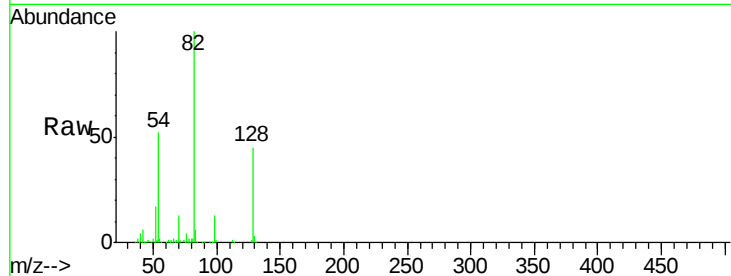




#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

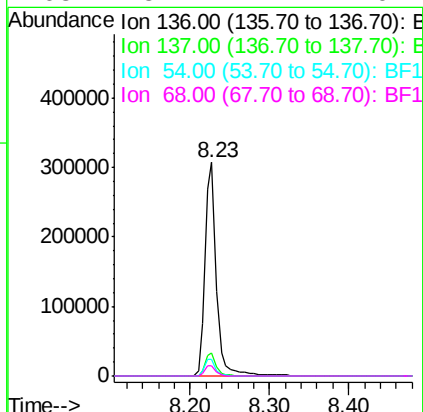
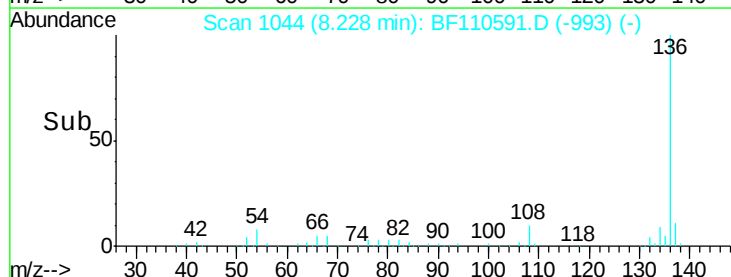
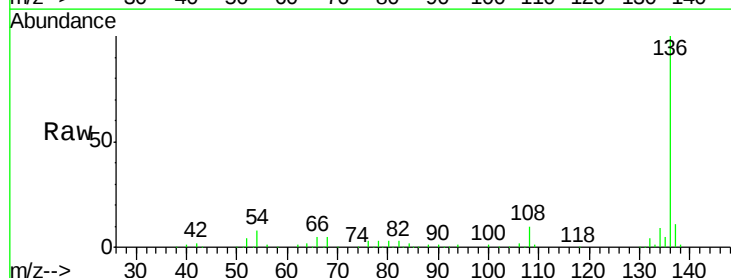
Instrument :
BNA_F
ClientSampled :

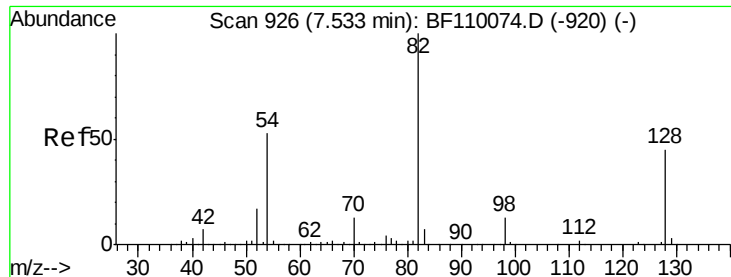
Tot Ion: 70 Resp: 62724
Ion Ratio Lower Upper
70 100
42 48.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.6 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

Tgt Ion:136 Resp: 310971
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.8 5.4 8.2
68 5.1 4.2 6.2

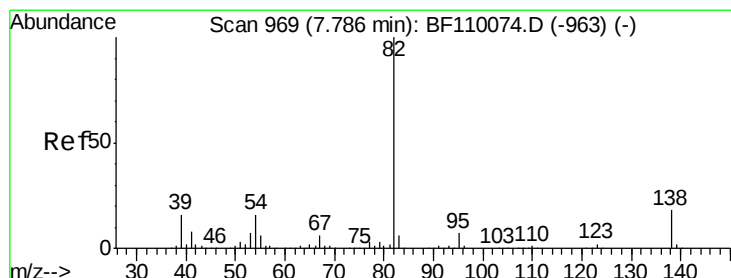
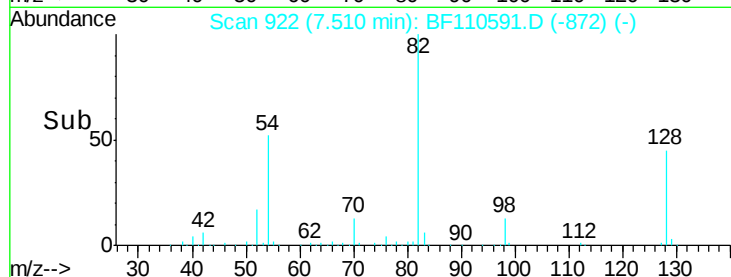
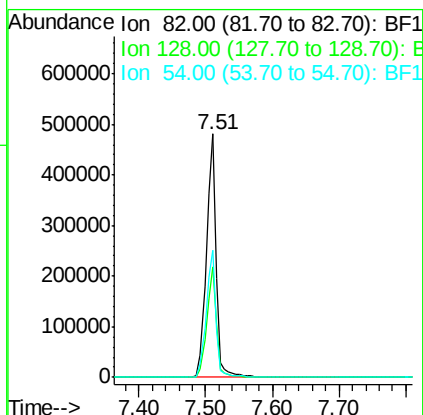
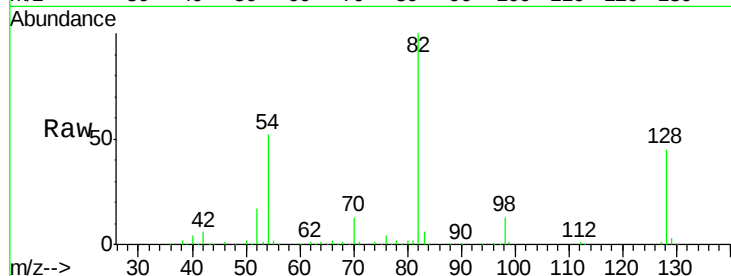




#23
Nitrobenzene-d5
Concen: 89.33 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

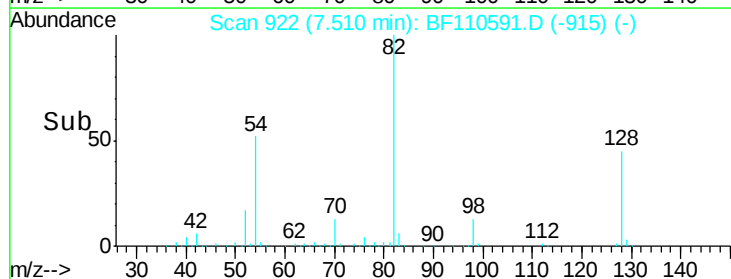
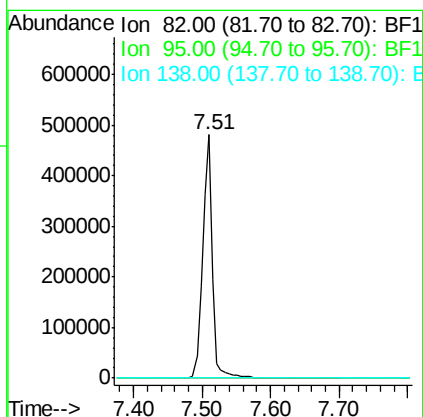
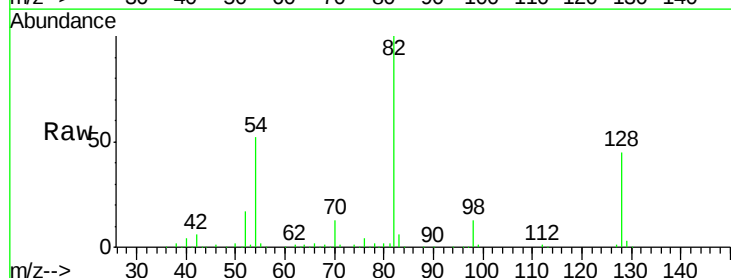
Instrument :
BNA_F
ClientSampleId :

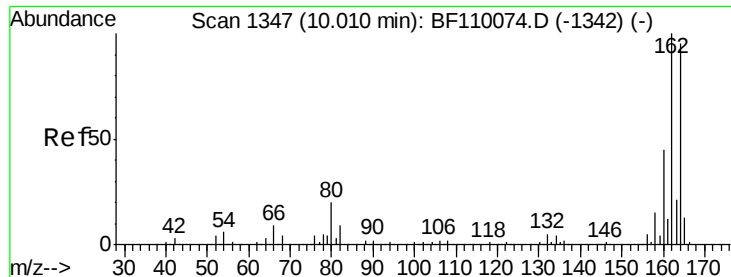
Tot Ion: 82 Resp: 482371
Ion Ratio Lower Upper
82 100
128 45.2 34.2 51.2
54 52.3 38.6 58.0



#25
Isophorone
Concen: 54.50 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

Tgt Ion: 82 Resp: 482369
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110591.D

Acq: 8 Nov 2018 18:12

Instrument :

BNA_F

ClientSampleId :

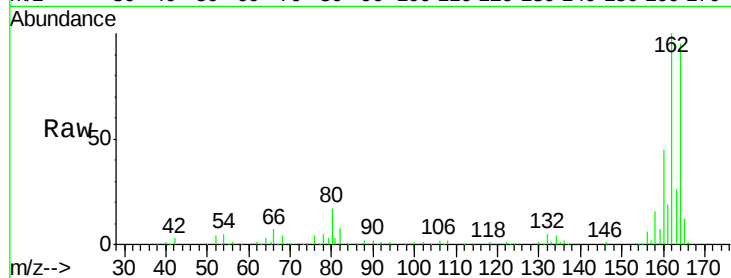
Tot Ion:164 Resp: 147331

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

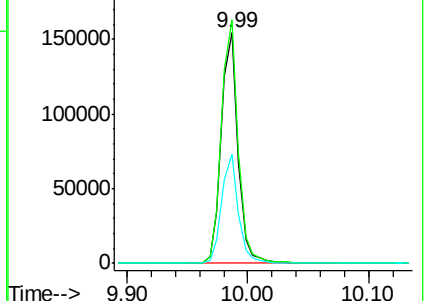
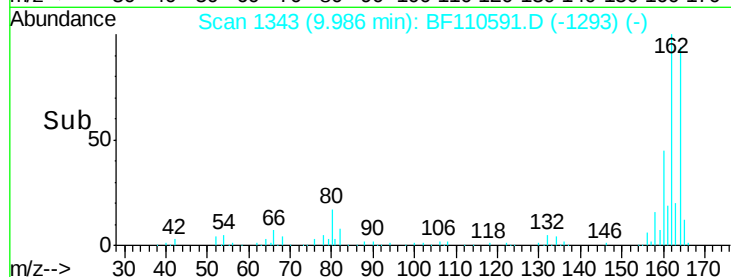
160 47.5 37.0 55.6



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: 68.95 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110591.D

Acq: 8 Nov 2018 18:12

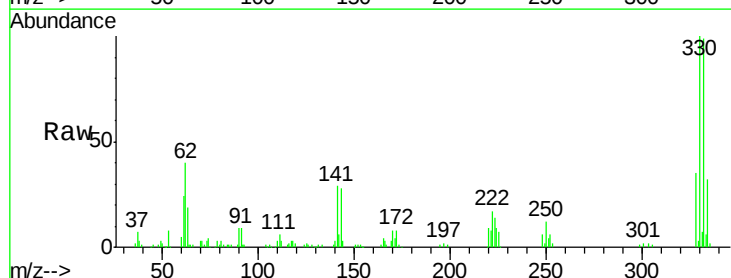
Tgt Ion:330 Resp: 102357

Ion Ratio Lower Upper

330 100

332 99.1 77.1 115.7

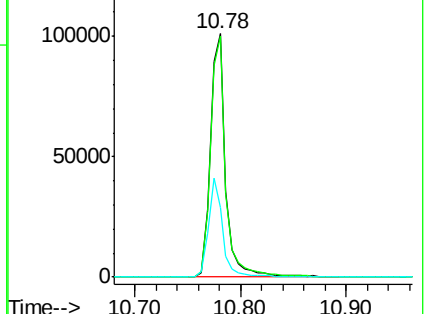
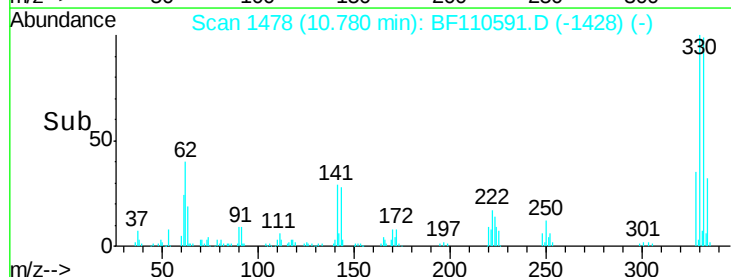
141 37.6 27.0 40.4



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

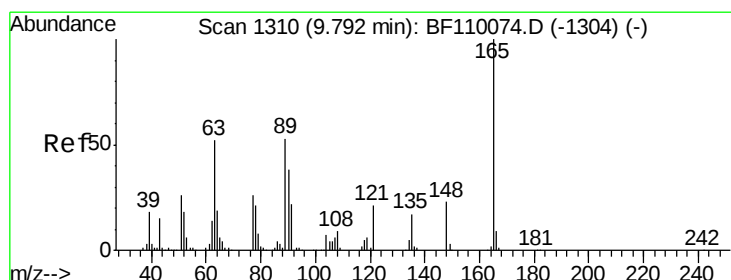
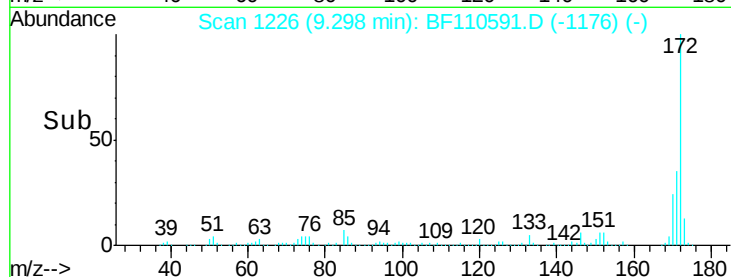
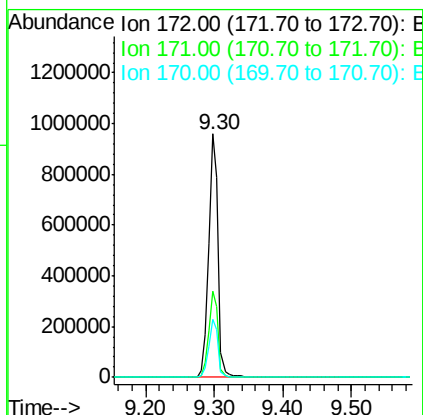
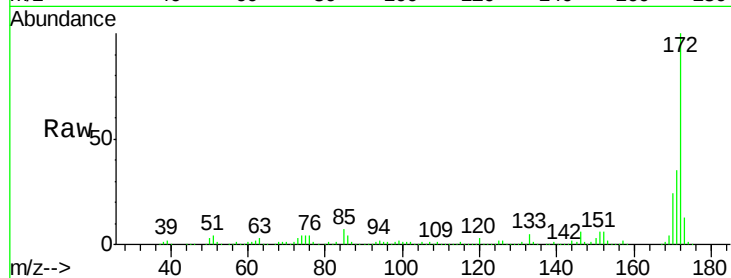




#45
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110591.D
 Acq: 8 Nov 2018 18:12

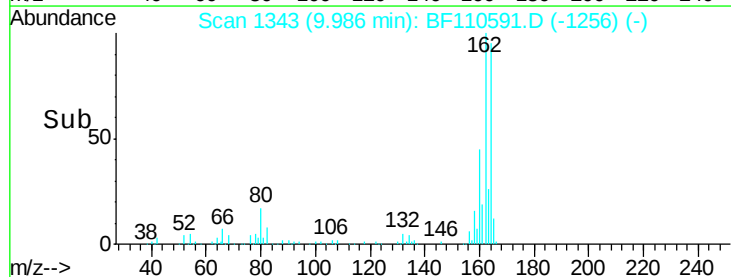
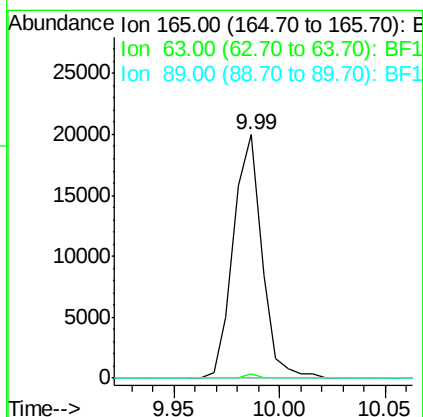
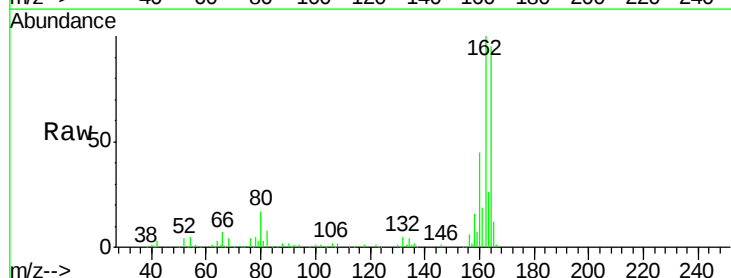
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 934558
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 24.1 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110591.D
 Acq: 8 Nov 2018 18:12

Tgt Ion:165 Resp: 18609
 Ion Ratio Lower Upper
 165 100
 63 1.7 48.9 73.3#
 89 0.0 46.6 69.8#

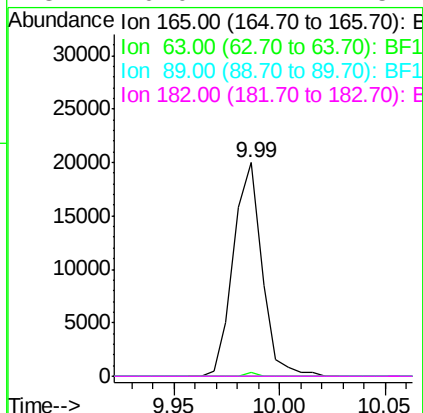
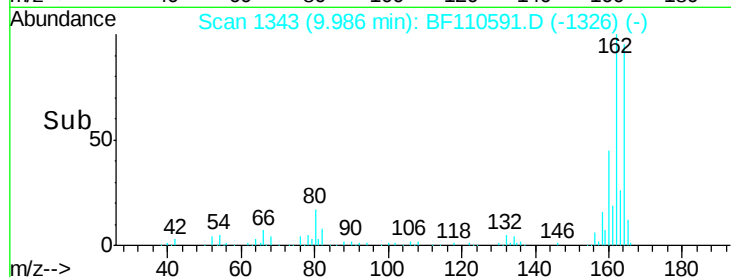
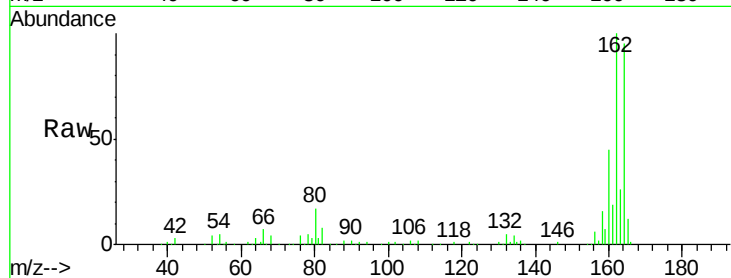




#57
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110591.D
 Acq: 8 Nov 2018 18:12

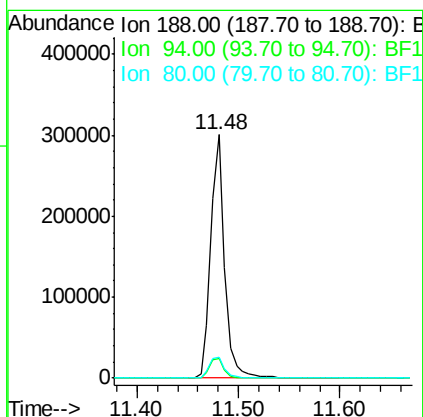
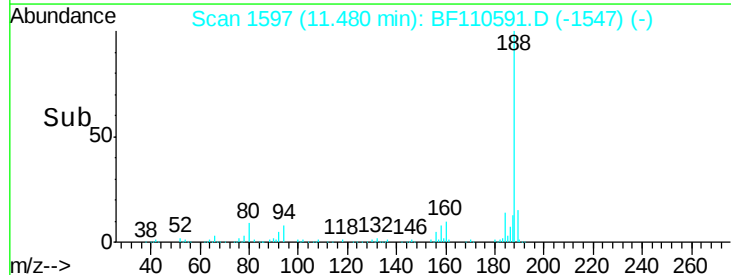
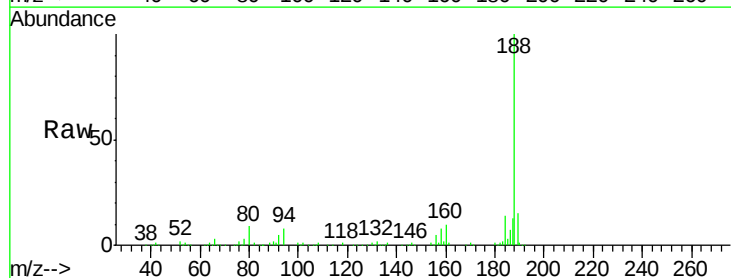
Instrument :
 BNA_F
 ClientSampleId :

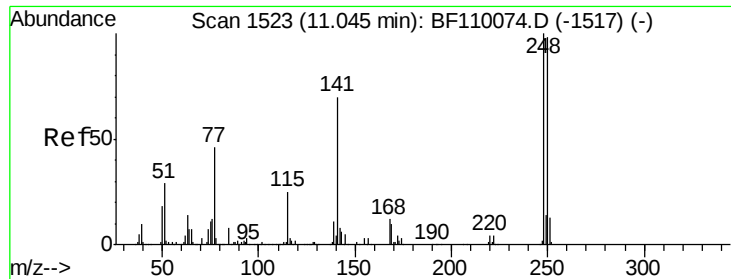
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110591.D
 Acq: 8 Nov 2018 18:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.6	7.9	11.9

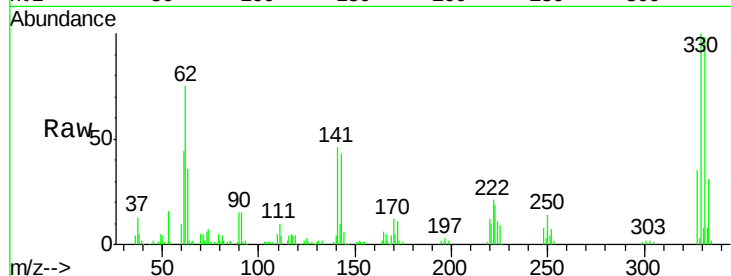




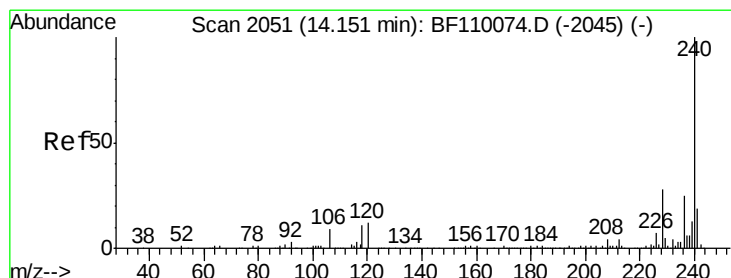
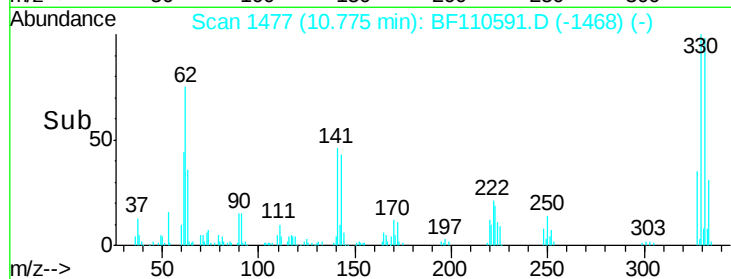
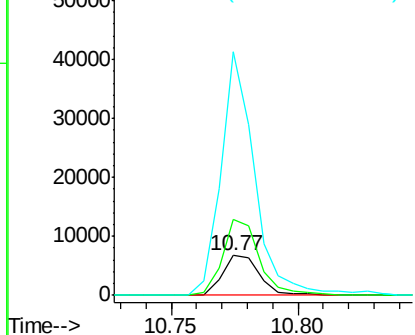
#67
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6888
Ion Ratio Lower Upper
248 100
250 189.3 79.4 119.2#
141 608.0 55.9 83.9#

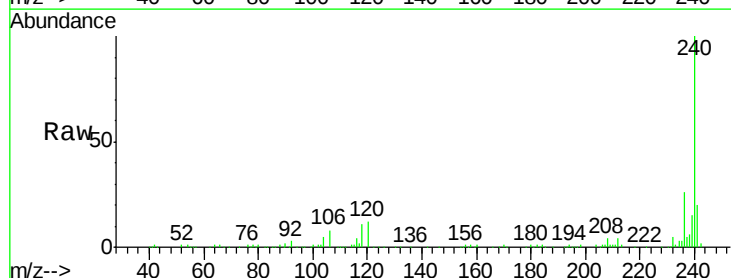


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

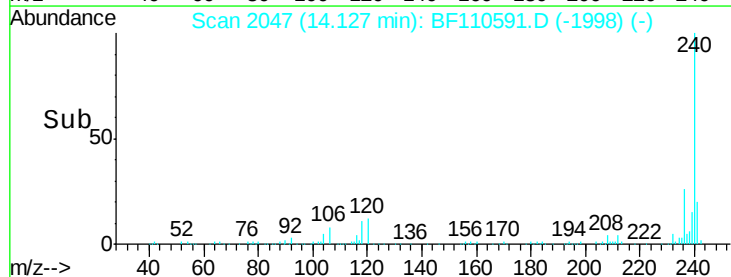
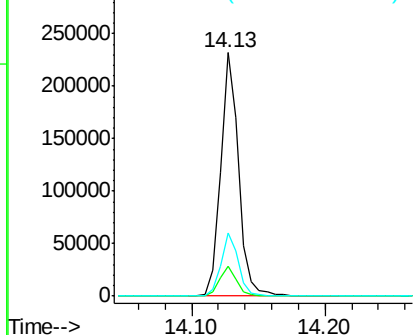


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110591.D
Acq: 8 Nov 2018 18:12

Tgt Ion:240 Resp: 219603
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.9 21.2 31.8



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





#79

Terphenyl-d14

Concen: 72.79 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110591.D

Acq: 8 Nov 2018 18:12

Instrument :

BNA_F

ClientSampleId :

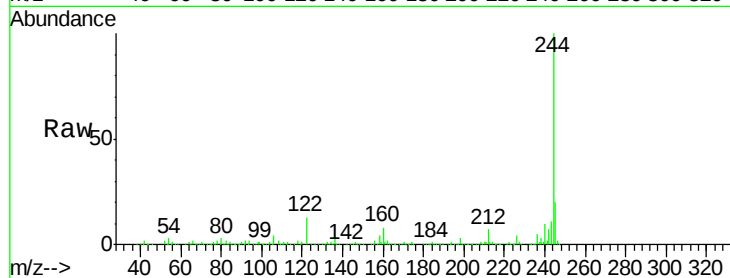
Tot Ion:244 Resp: 853497

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

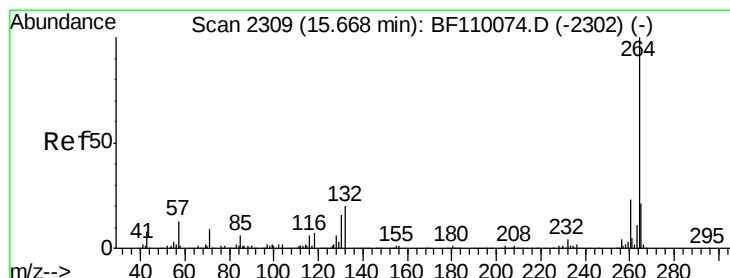
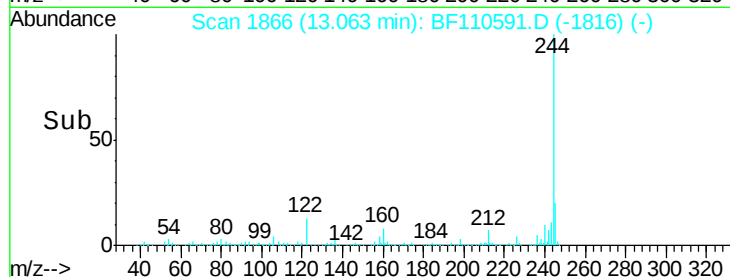
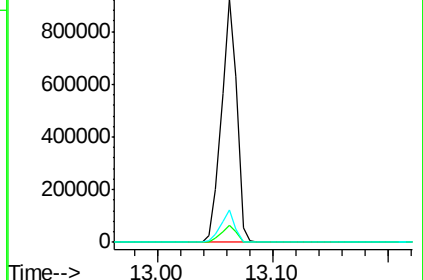
122 13.1 8.7 13.1#



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: BF110591.D

Acq: 8 Nov 2018 18:12

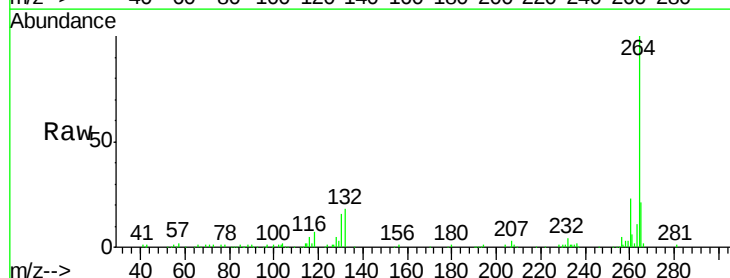
Tgt Ion:264 Resp: 172999

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.5 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

