

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110786.D
 Acq On : 15 Nov 2018 14:16
 Operator : JU/SJ
 Sample : J5918-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 16:16:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

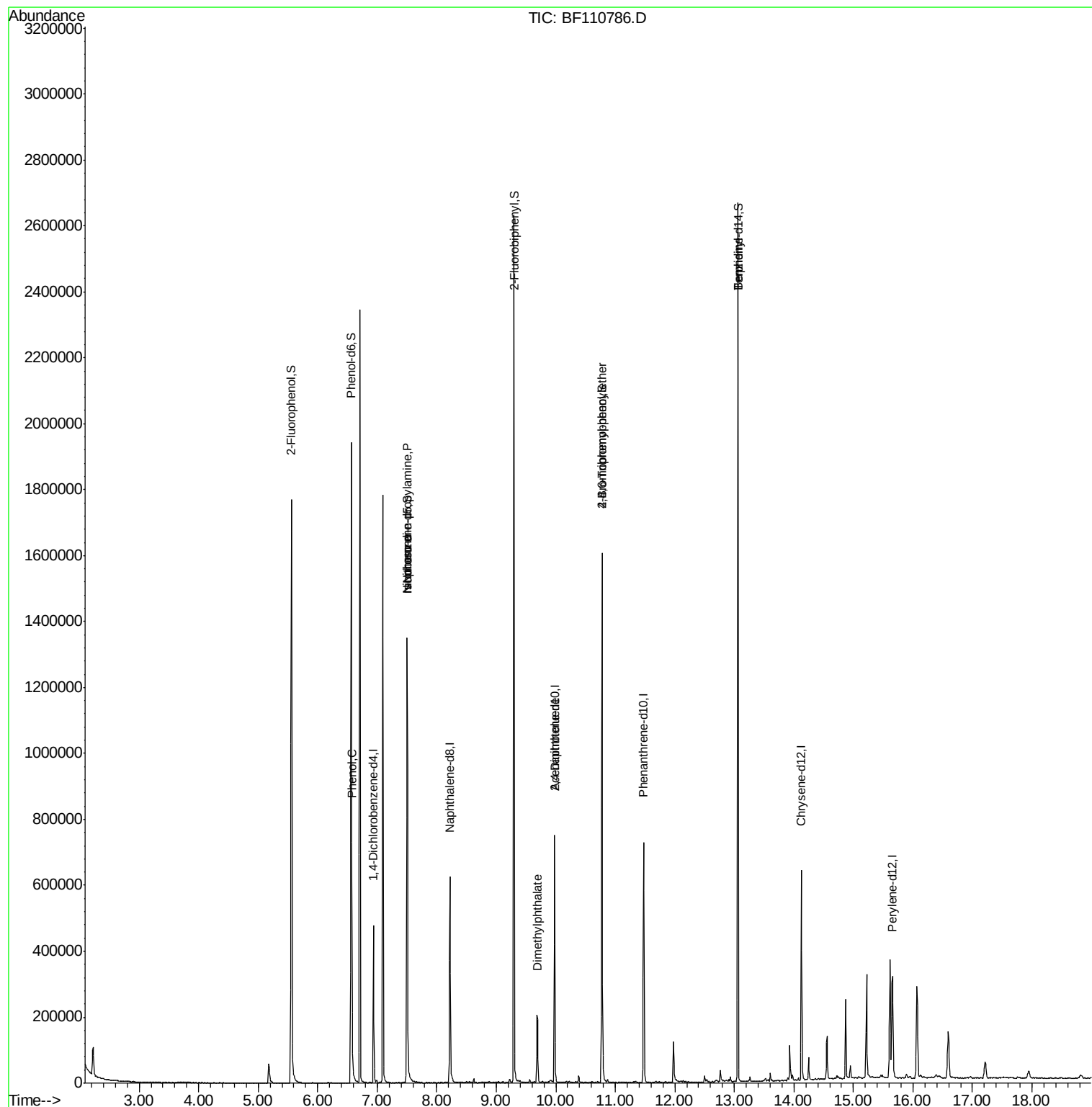
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	71332	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	297117	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	142436	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	287415	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	215647	20.00	ng	-0.01
87) Perylene-d12	15.66	264	170155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	565274	128.72	ng	0.00
7) Phenol-d6	6.57	99	720533	128.31	ng	0.00
23) Nitrobenzene-d5	7.50	82	457358	88.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	192903	134.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	836208	83.85	ng	0.00
79) Terphenyl-d14	13.06	244	877346	76.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1417	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	37121	5.701 ng	#	64
19) n-Nitroso-di-n-propylamine	7.50	70	61300	17.101 ng	#	77
25) Isophorone	7.50	82	457354	54.086 ng	#	67
50) Dimethylphthalate	9.69	163	92108	8.666 ng		98
57) 2,4-Dinitrotoluene	9.98	165	18058	5.940 ng	#	20
67) 4-Bromophenyl-phenylether	10.77	248	12853	4.046 ng	#	1
77) Benzidine	13.06	184	12408	2.092 ng	#	93

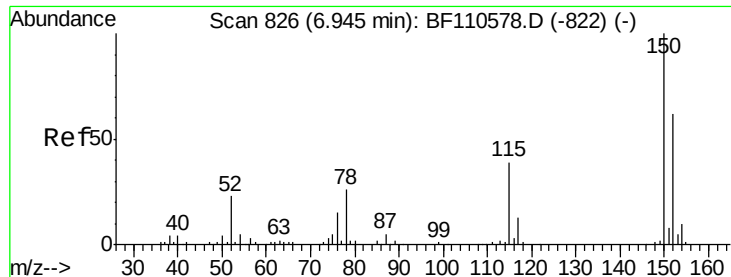
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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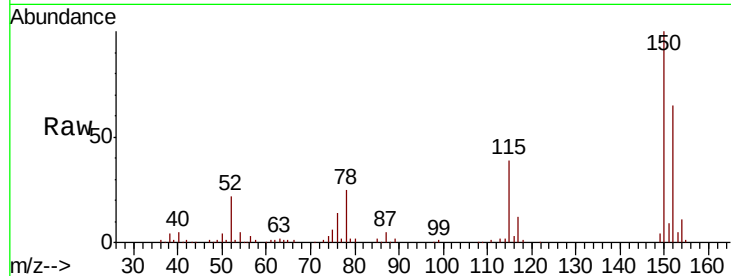


#1

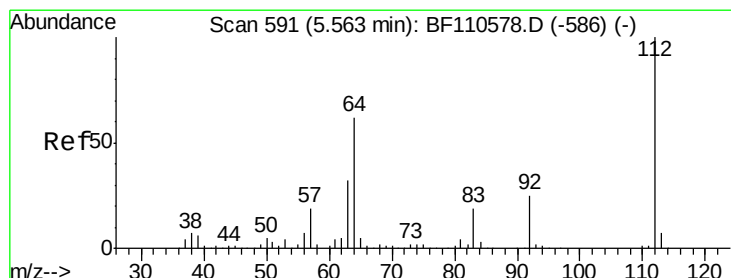
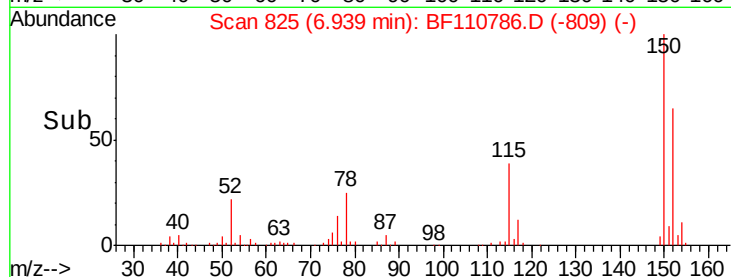
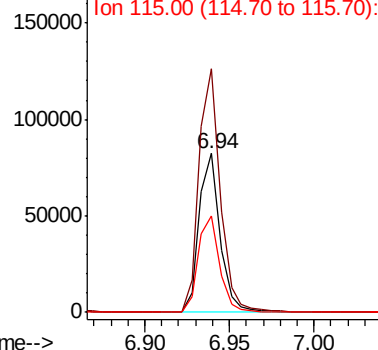
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110786.D
 Acq: 15 Nov 2018 14:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 71332
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.7 184.1
 115 60.4 49.1 73.7



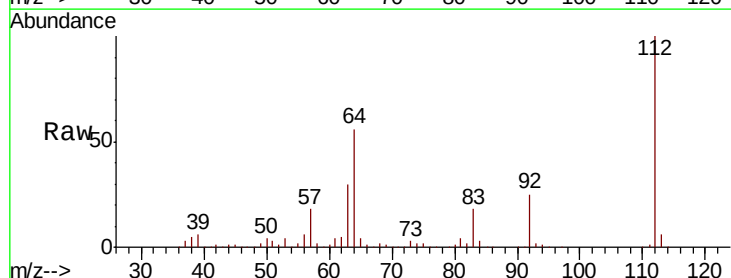
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



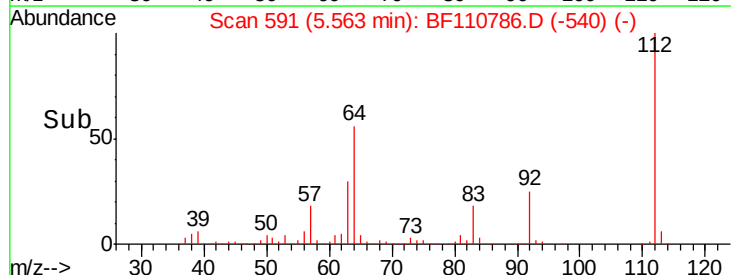
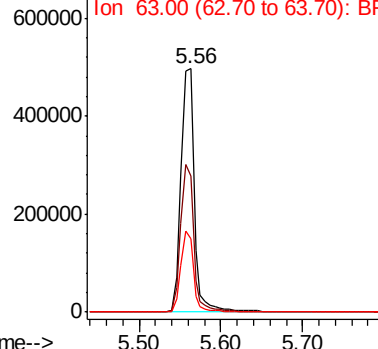
#5

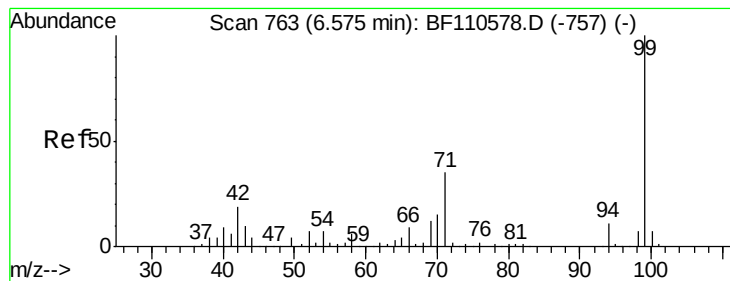
2-Fluorophenol
 Concen: 128.720 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110786.D
 Acq: 15 Nov 2018 14:16

Tgt Ion:112 Resp: 565274
 Ion Ratio Lower Upper
 112 100
 64 55.9 44.1 66.1
 63 30.1 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: 128.307 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110786.D

Acq: 15 Nov 2018 14:16

Instrument :

BNA_N

ClientSampleId :

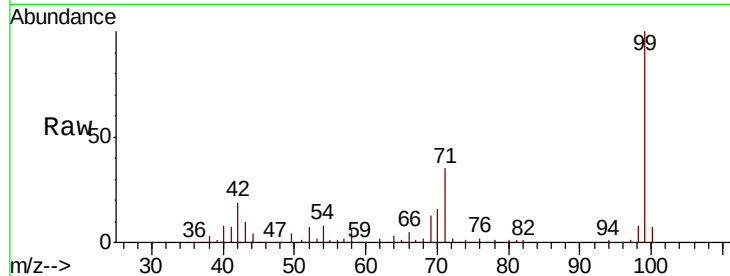
Tot Ion: 99 Resp: 720533

Ion Ratio Lower Upper

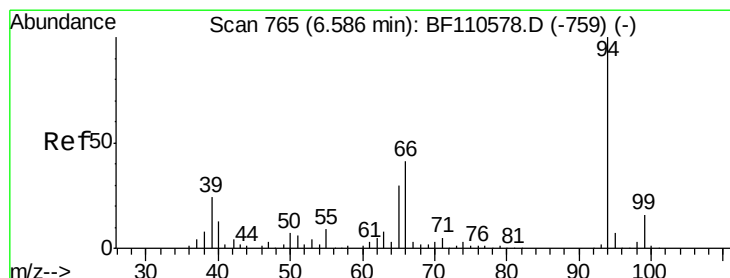
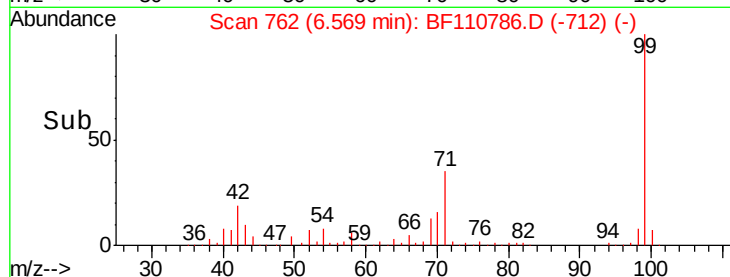
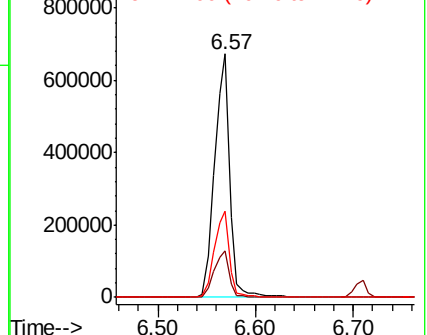
99 100

42 19.2 15.8 23.6

71 35.3 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: 5.701 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110786.D

Acq: 15 Nov 2018 14:16

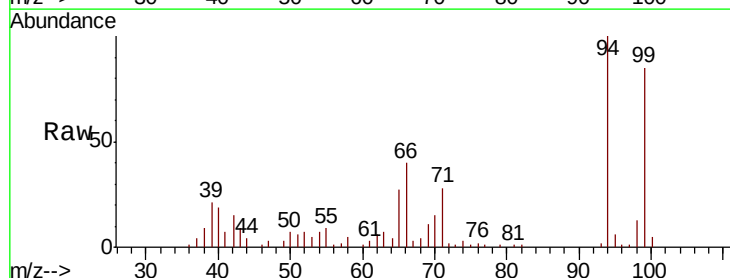
Tgt Ion: 94 Resp: 37121

Ion Ratio Lower Upper

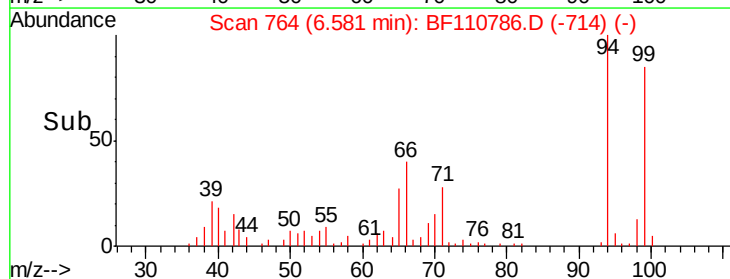
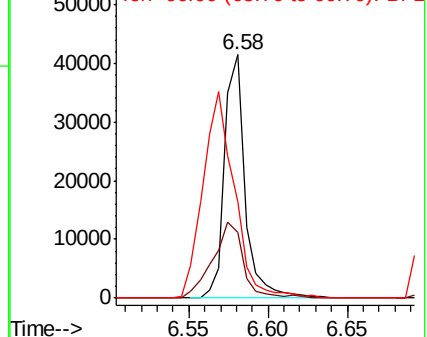
94 100

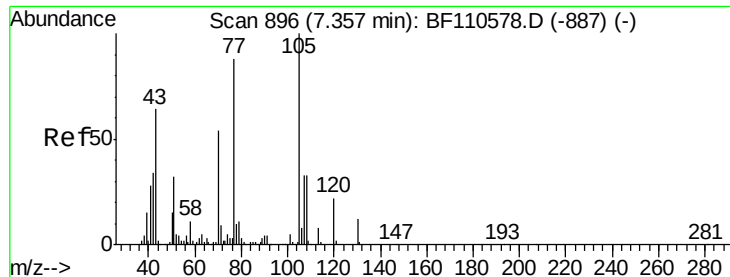
65 27.0 25.3 65.3

66 39.5 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: 17.101 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110786.D

Acq: 15 Nov 2018 14:16

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 61300

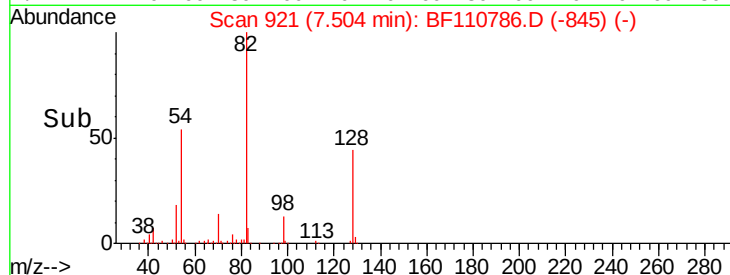
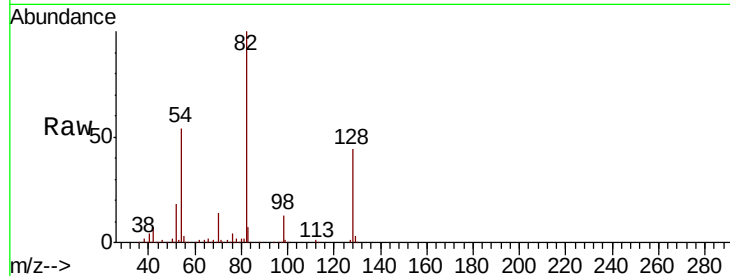
Ion Ratio Lower Upper

70 100

42 46.7 47.4 71.2#

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#



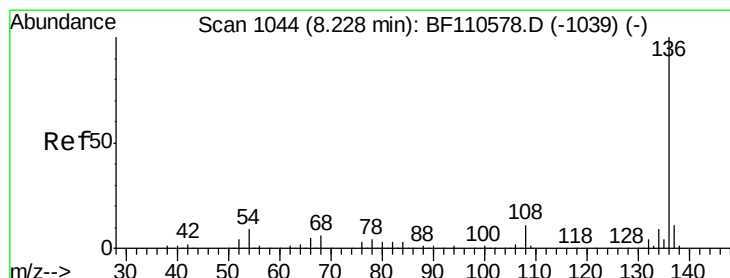
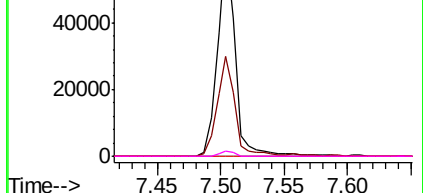
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110786.D

Acq: 15 Nov 2018 14:16

Tgt Ion:136 Resp: 297117

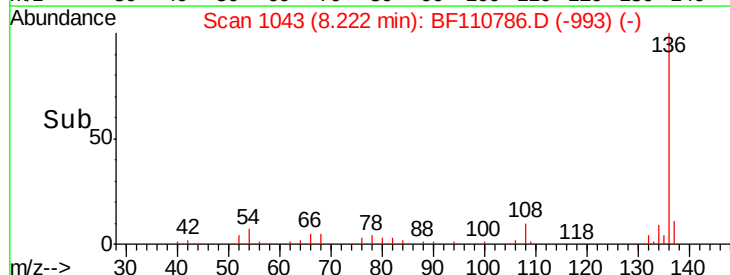
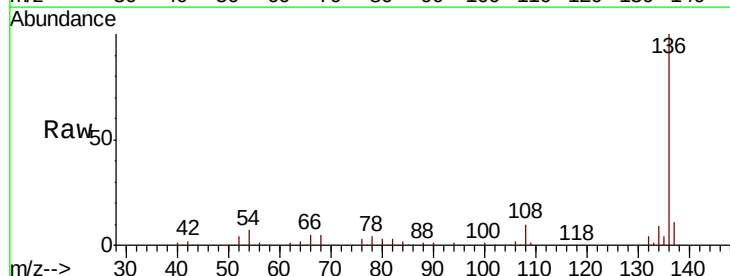
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.4 5.4 8.2

68 4.8 4.2 6.2



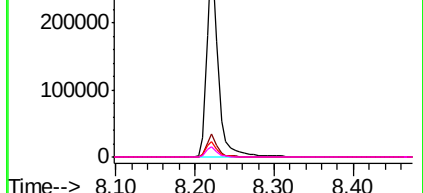
Abundance Ion 136.00 (135.70 to 136.70): BF1

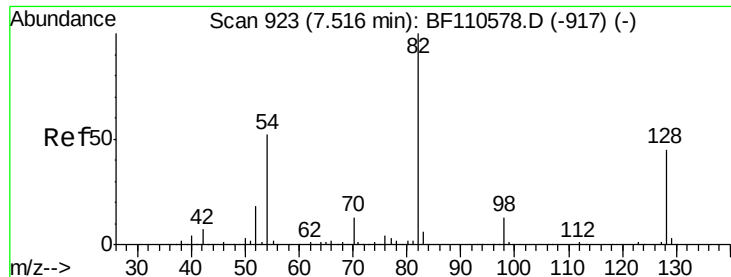
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

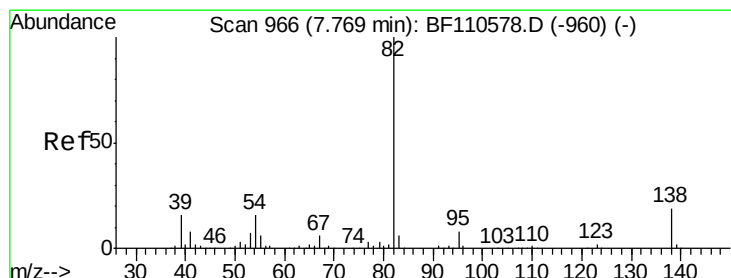
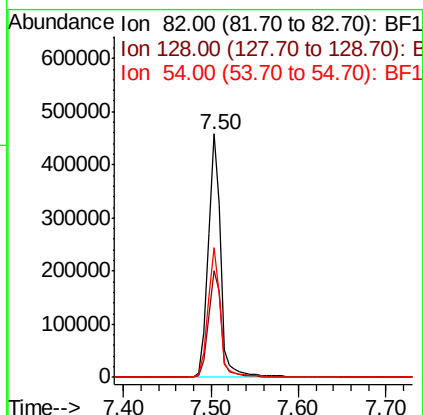
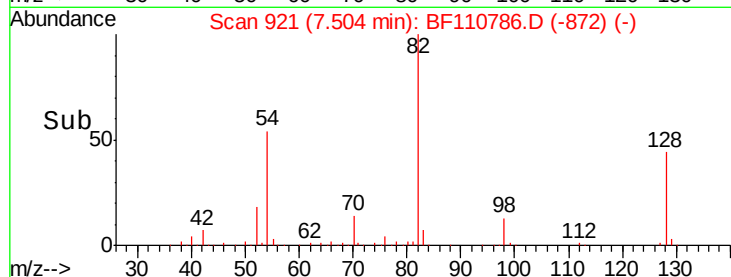
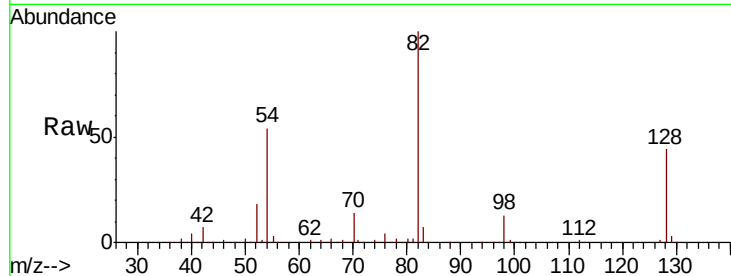




#23
Nitrobenzene-d5
Concen: 88.649 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110786.D
Acq: 15 Nov 2018 14:16

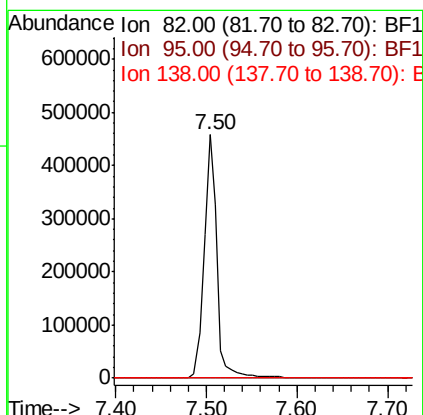
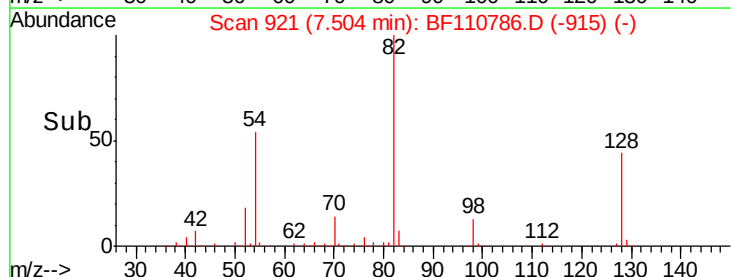
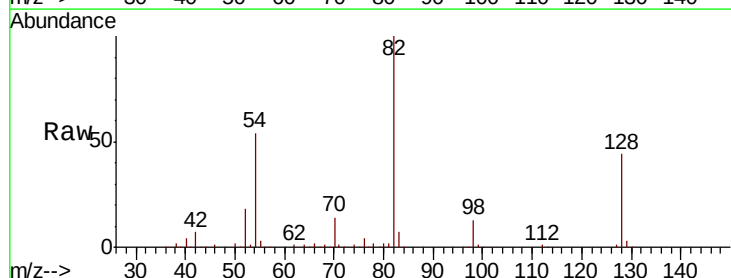
Instrument :
BNA_N
ClientSampled :

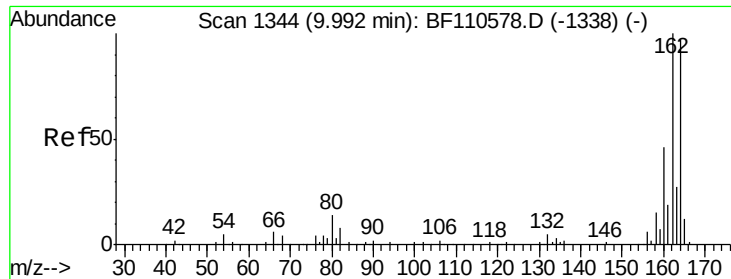
Tot Ion: 82 Resp: 457358
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.2
54 53.5 38.6 58.0



#25
Isophorone
Concen: 54.086 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110786.D
Acq: 15 Nov 2018 14:16

Tgt Ion: 82 Resp: 457354
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

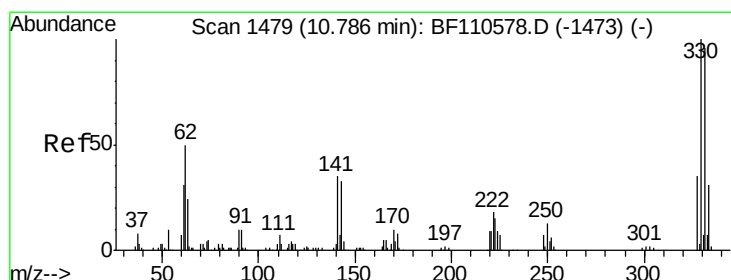
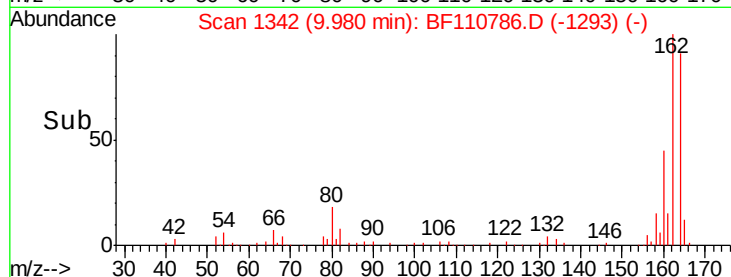
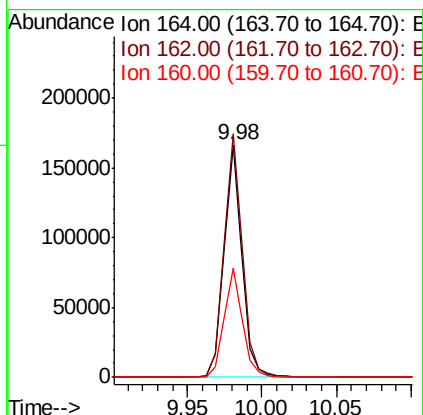
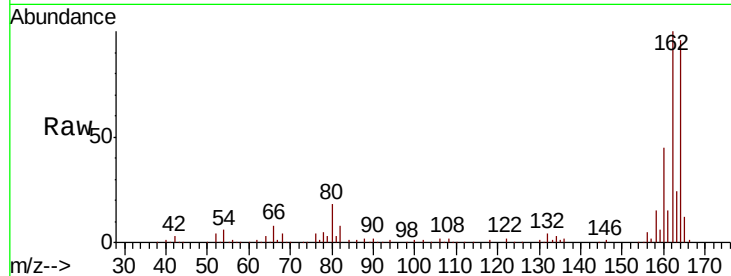




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110786.D
 Acq: 15 Nov 2018 14:16

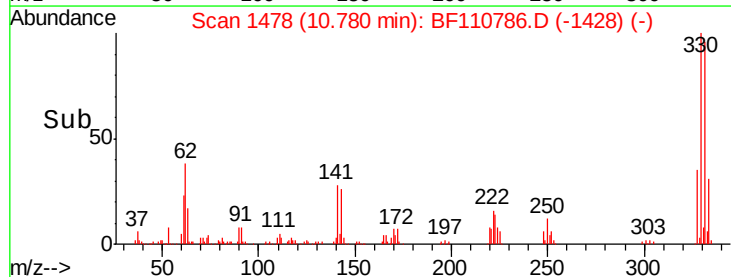
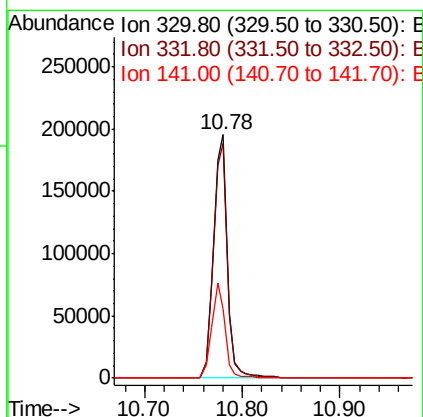
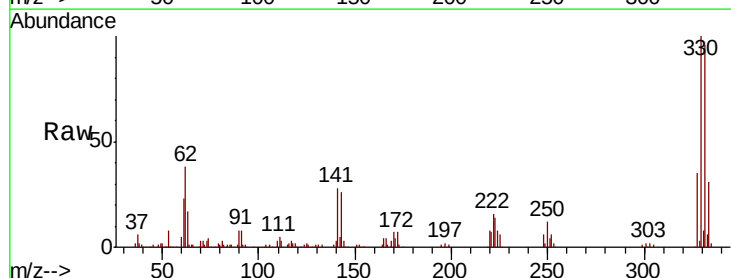
Instrument :
 BNA_N
 ClientSampleId :

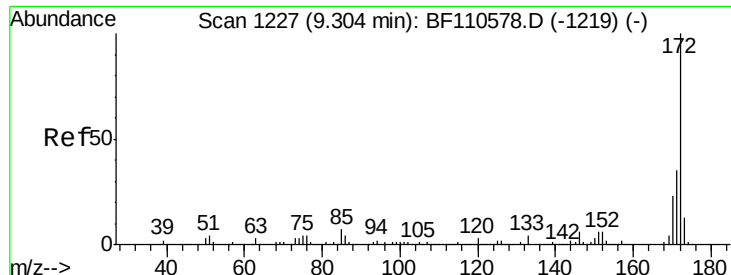
Tot Ion:164 Resp: 142436
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.0 124.6
 160 47.0 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 134.407 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110786.D
 Acq: 15 Nov 2018 14:16

Tgt Ion:330 Resp: 192903
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 37.6 27.0 40.4

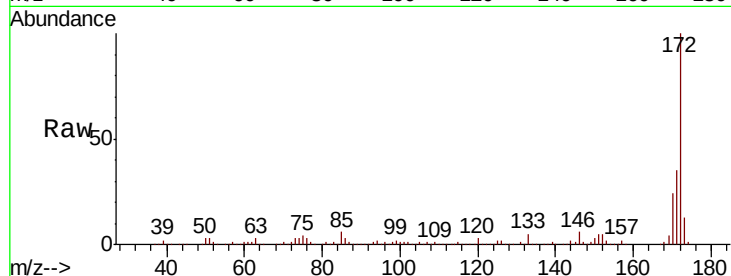




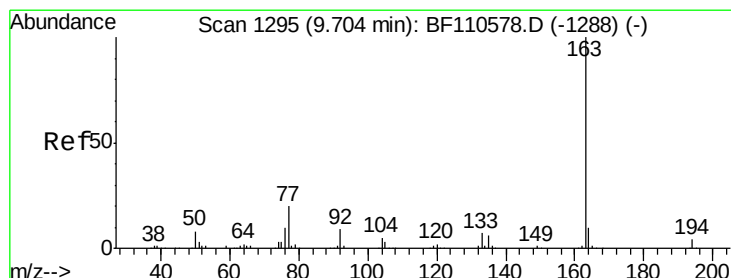
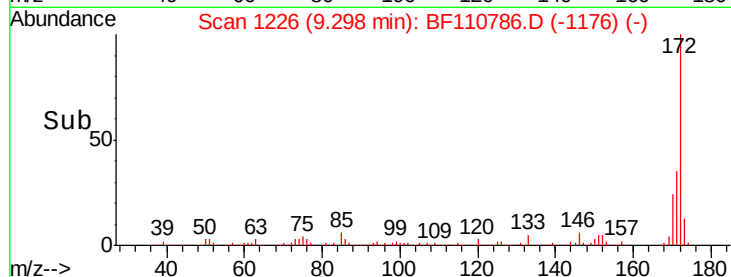
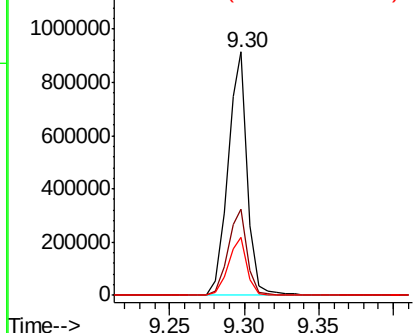
#45
2-Fluorobiphenyl
Concen: 83.845 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110786.D
Acq: 15 Nov 2018 14:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 836208
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.7 29.5

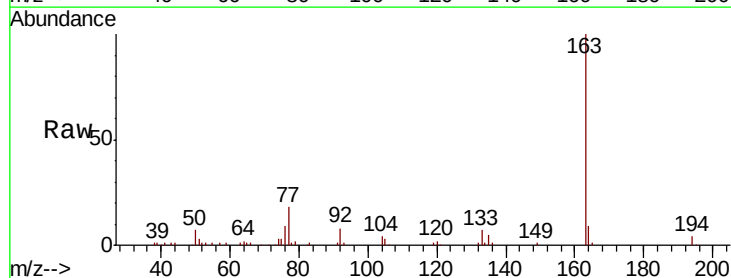


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

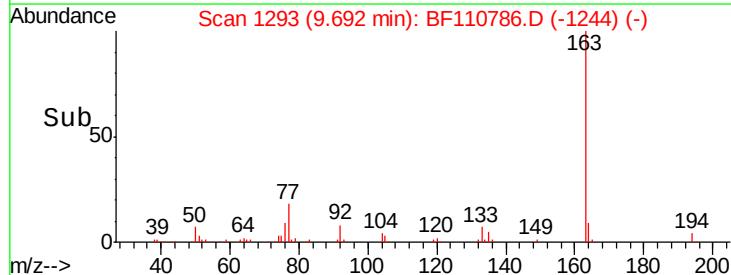
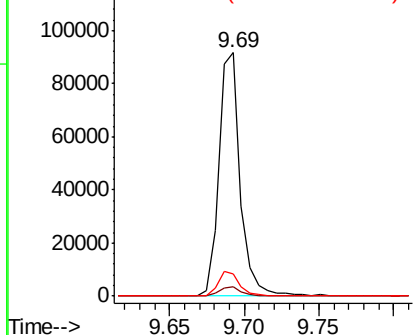


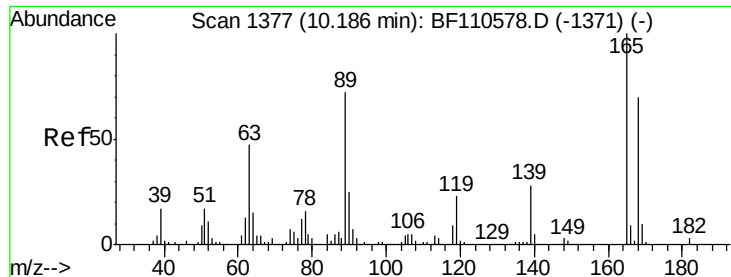
#50
Dimethylphthalate
Concen: 8.666 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110786.D
Acq: 15 Nov 2018 14:16

Tgt Ion:163 Resp: 92108
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.0 8.1 12.1



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

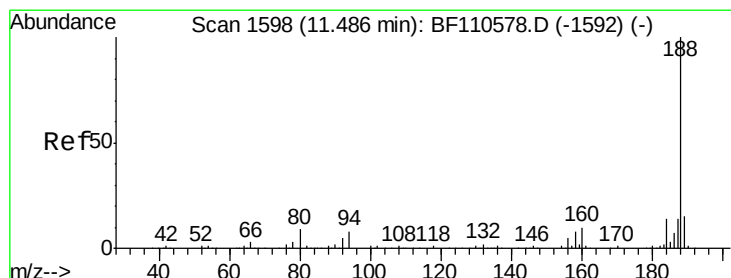
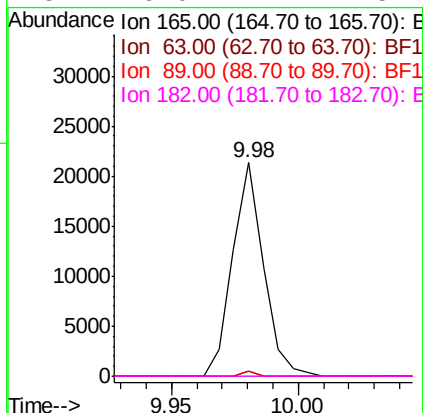
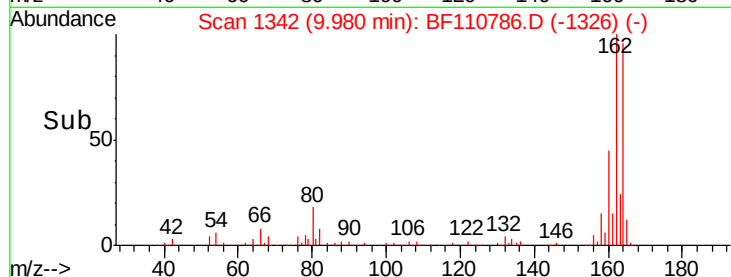
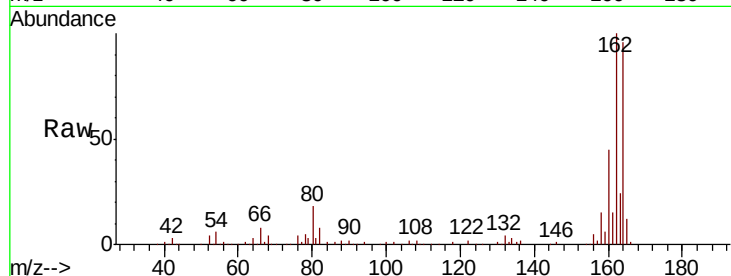




#57
 2,4-Dinitrotoluene
 Concen: 5.940 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110786.D
 Acq: 15 Nov 2018 14:16

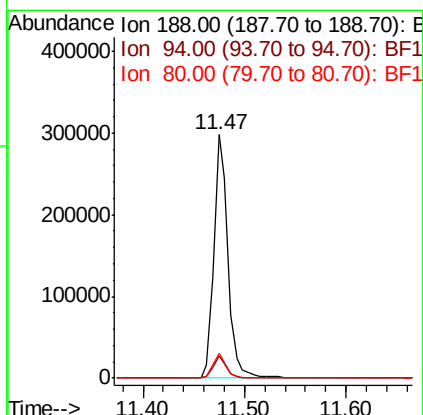
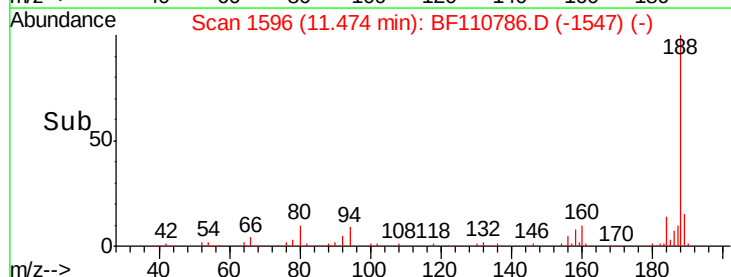
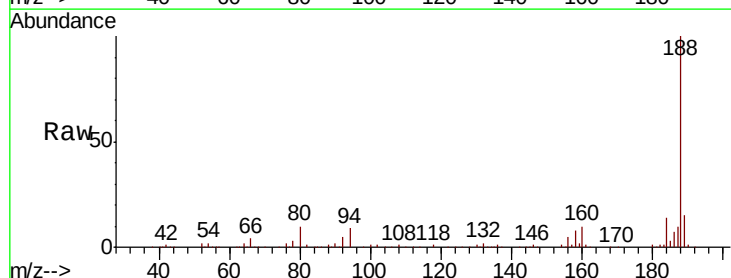
Instrument :
 BNA_N
 ClientSampleId :

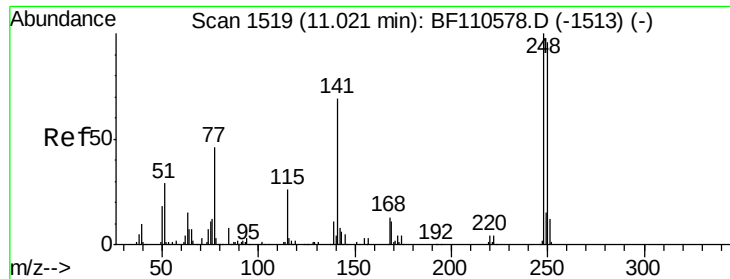
Tot Ion:165	Resp:	18058
Ion Ratio	Lower	Upper
165	100	
63	2.4	44.8 67.2#
89	2.2	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF110786.D
 Acq: 15 Nov 2018 14:16

Tgt Ion:188	Resp:	287415
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.2 10.8
80	10.2	7.9 11.9

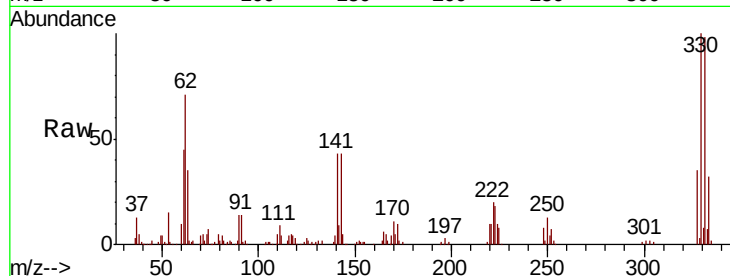




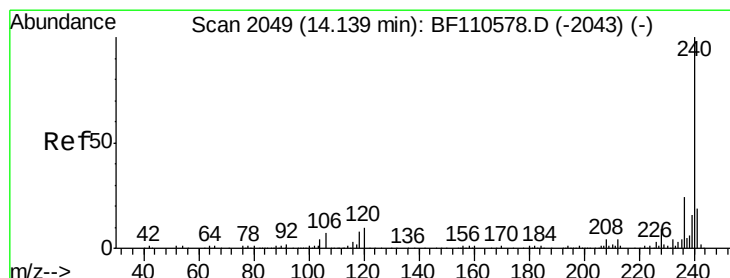
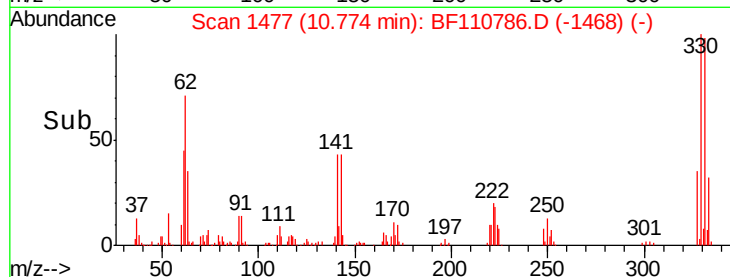
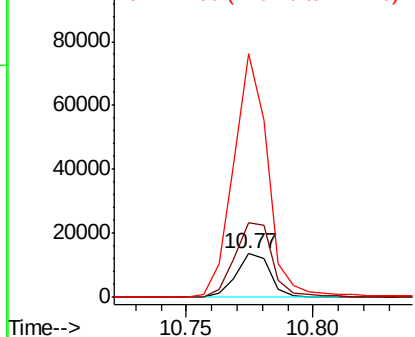
#67
4-Bromophenyl-phenylether
Concen: 4.046 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110786.D
Acq: 15 Nov 2018 14:16

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 12853
Ion Ratio Lower Upper
248 100
250 171.2 79.4 119.2#
141 558.6 55.9 83.9#

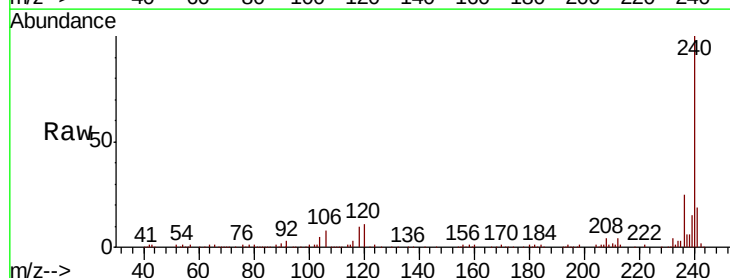


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

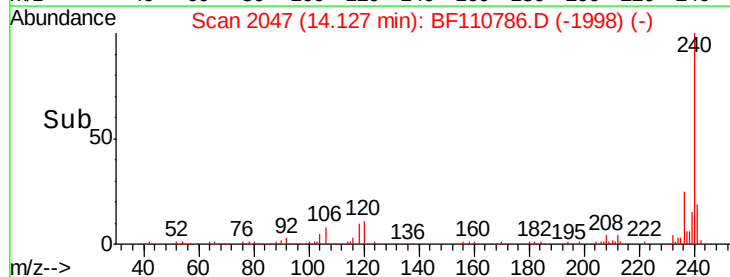
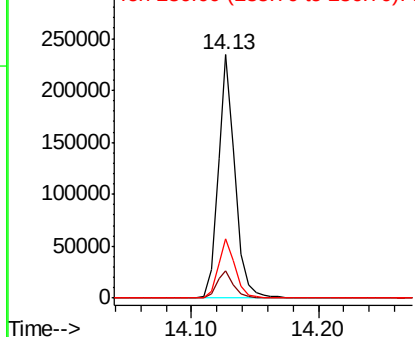


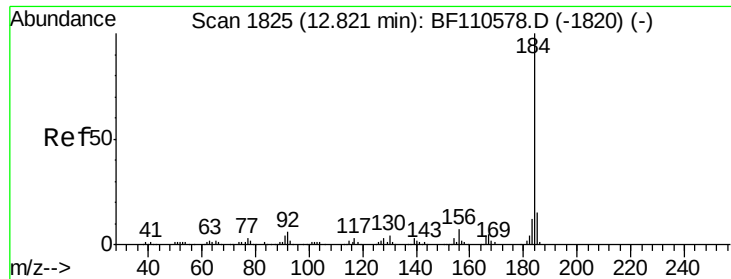
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110786.D
Acq: 15 Nov 2018 14:16

Tgt Ion:240 Resp: 215647
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 24.6 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





#77

Benzidine

Concen: 2.092 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110786.D

Acq: 15 Nov 2018 14:16

Instrument :

BNA_N

ClientSampleId :

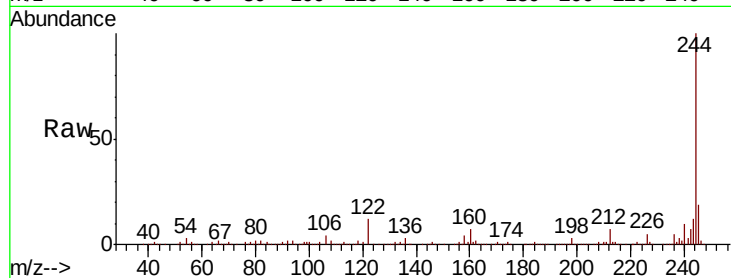
Tot Ion:184 Resp: 12408

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

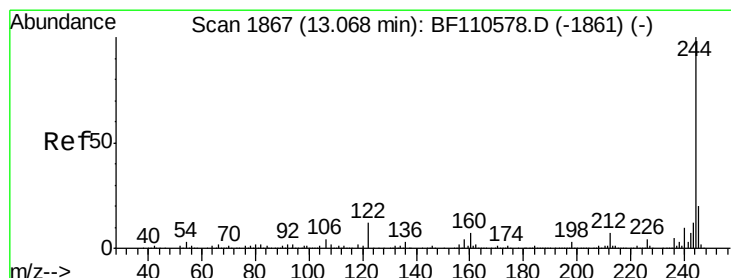
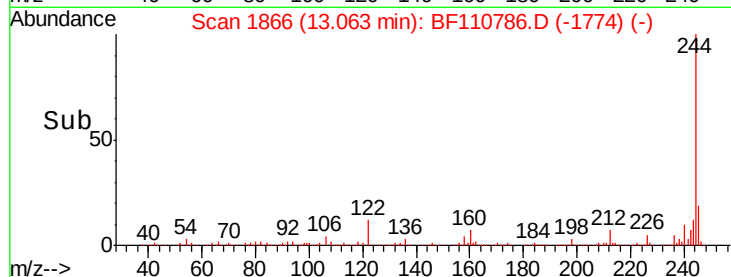
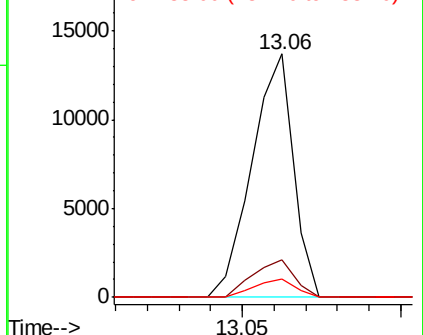
183 7.6 9.4 14.2#



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: 76.192 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110786.D

Acq: 15 Nov 2018 14:16

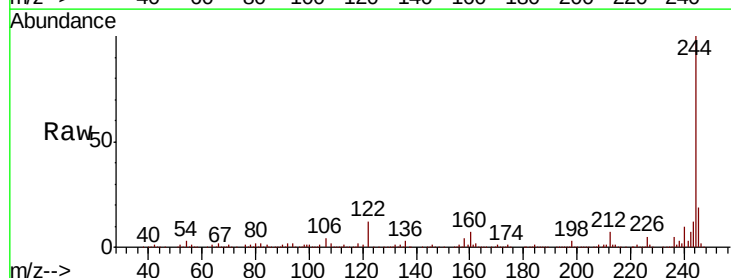
Tgt Ion:244 Resp: 877346

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

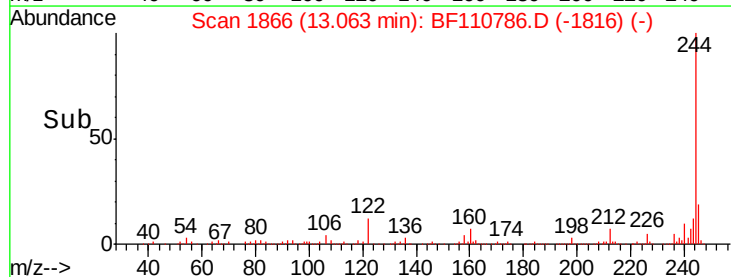
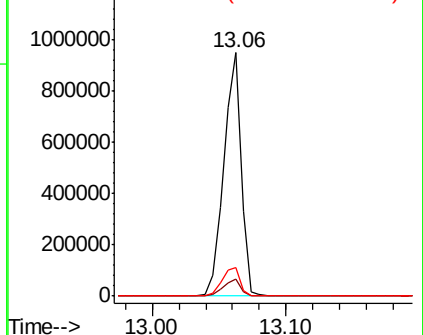
122 11.8 8.7 13.1

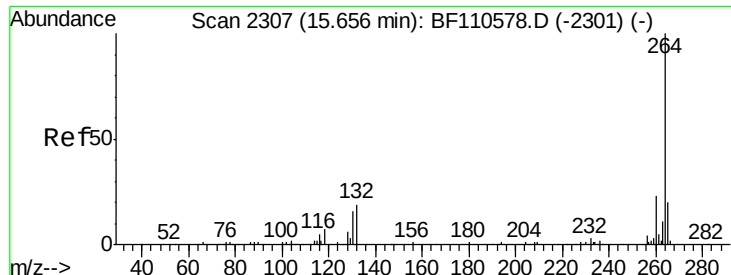


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110786.D
Acq: 15 Nov 2018 14:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.2	16.7	25.1

