

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110771.D
 Acq On : 14 Nov 2018 18:22
 Operator : JU/SJ
 Sample : J5889-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-E

Quant Time: Nov 15 04:36:59 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

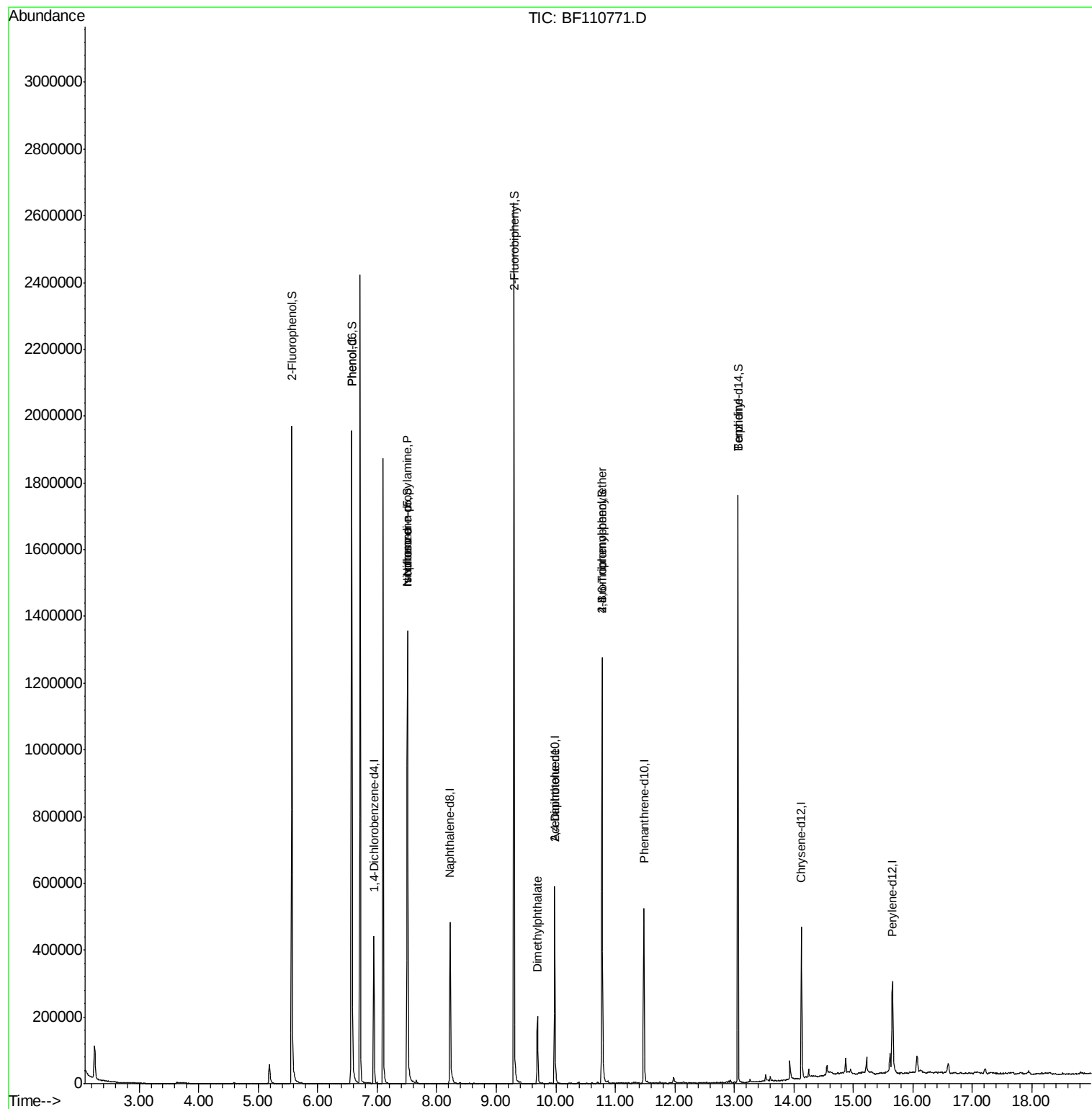
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69981	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	287258	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	132616	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	232563	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157699	20.00	ng	-0.01
87) Perylene-d12	15.66	264	141853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	582444	135.19	ng	0.00
7) Phenol-d6	6.57	99	737963	133.95	ng	0.00
23) Nitrobenzene-d5	7.51	82	470883	94.40	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	169452	126.81	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	815796	87.86	ng	0.00
79) Terphenyl-d14	13.06	244	628005	74.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1593	Below Cal		Qvalue
10) Phenol	6.58	94	49187	7.700 ng	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	61369	17.450 ng	#	81
25) Isophorone	7.51	82	470880	57.597 ng	#	67
50) Dimethylphthalate	9.69	163	96389	9.741 ng		99
57) 2,4-Dinitrotoluene	9.98	165	17068	6.030 ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	10644	4.141 ng	#	1
77) Benzydine	13.06	184	8674	2.000 ng	#	96

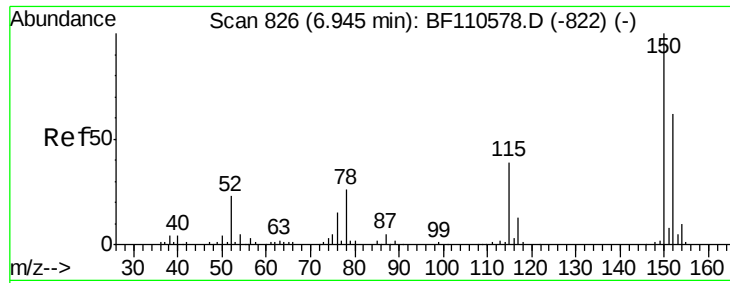
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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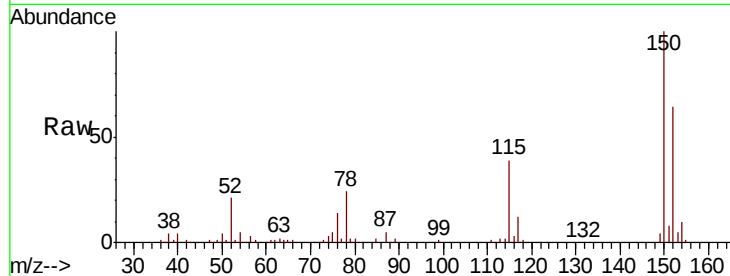




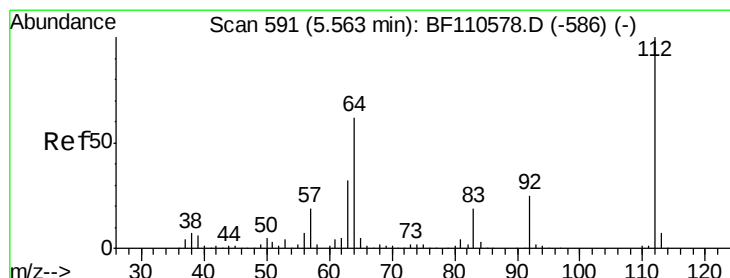
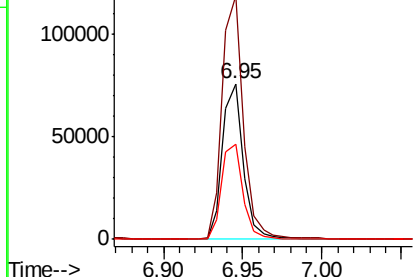
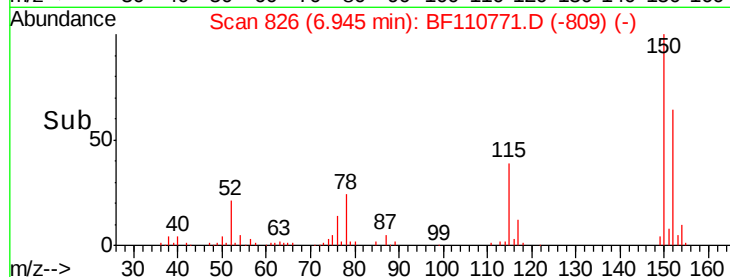
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110771.D
 Acq: 14 Nov 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 WALL-E

Tgt Ion:152 Resp: 69981
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.7 184.1
 115 61.2 49.1 73.7

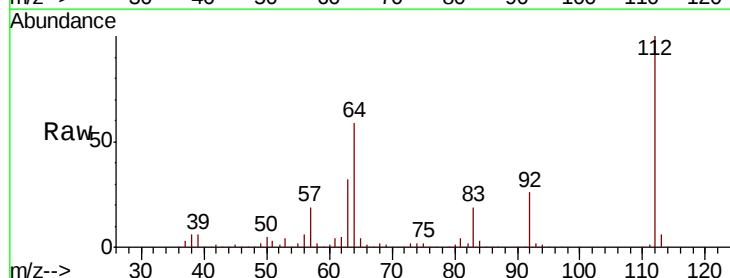


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

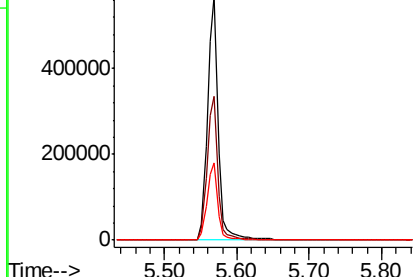
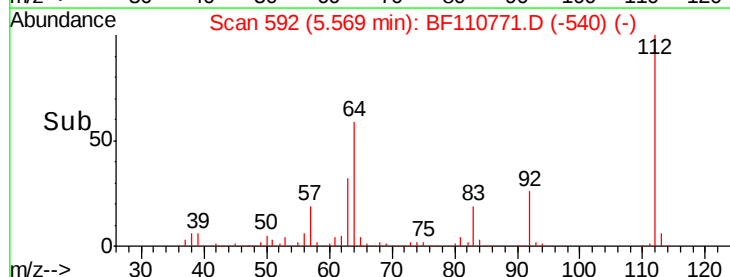


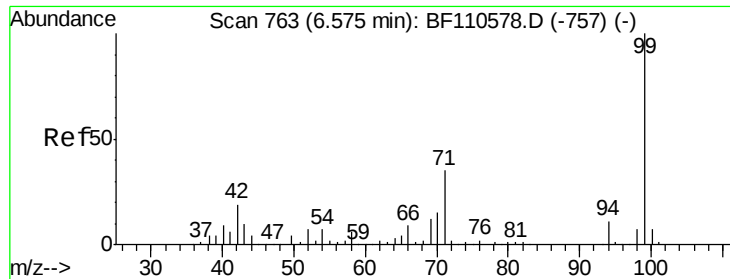
#5
 2-Fluorophenol
 Concen: 135.190 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110771.D
 Acq: 14 Nov 2018 18:22

Tgt Ion:112 Resp: 582444
 Ion Ratio Lower Upper
 112 100
 64 59.0 44.1 66.1
 63 31.8 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: 133.948 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

WALL-E

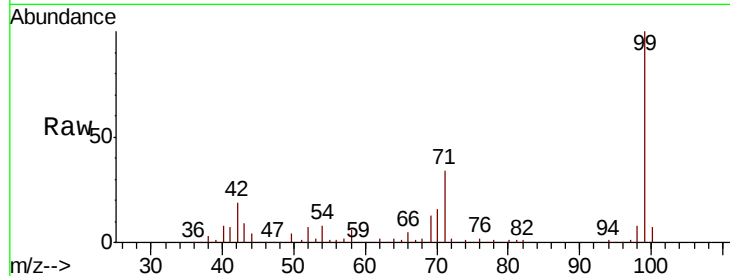
Tgt Ion: 99 Resp: 737963

Ion Ratio Lower Upper

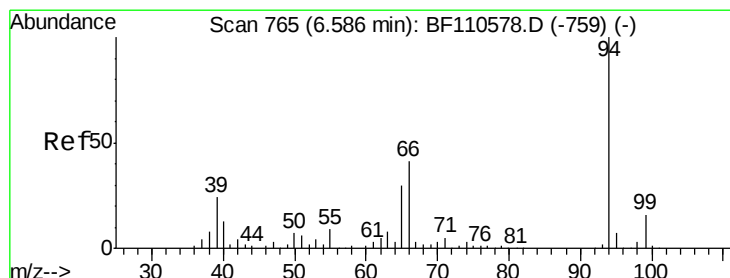
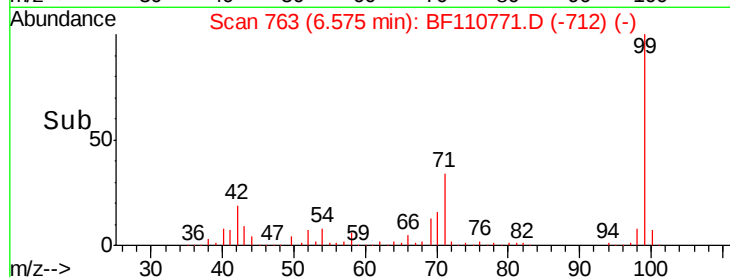
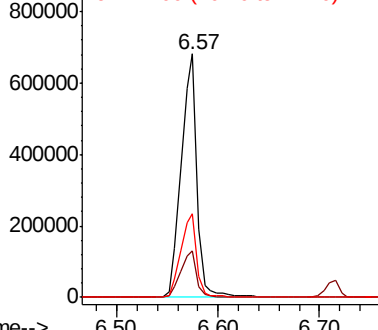
99 100

42 19.1 15.8 23.6

71 34.3 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: 7.700 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

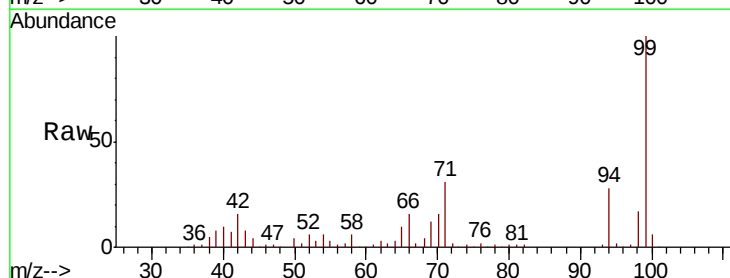
Tgt Ion: 94 Resp: 49187

Ion Ratio Lower Upper

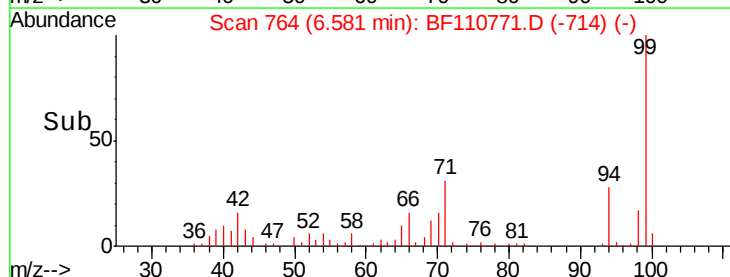
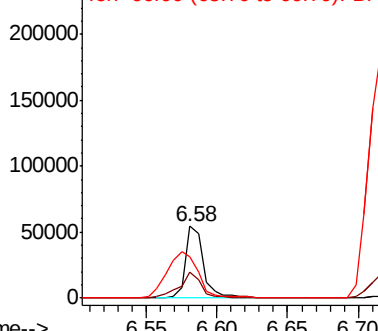
94 100

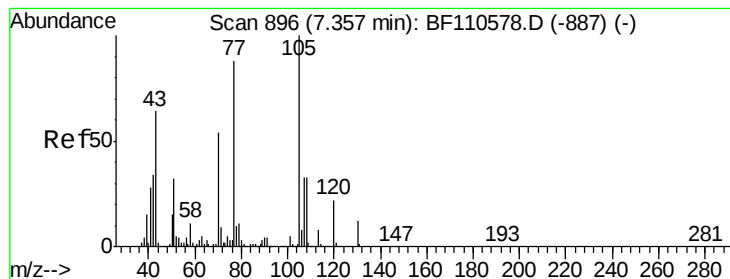
65 36.3 25.3 65.3

66 57.0 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: 17.450 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

WALL-E

Tgt Ion: 70 Resp: 61369

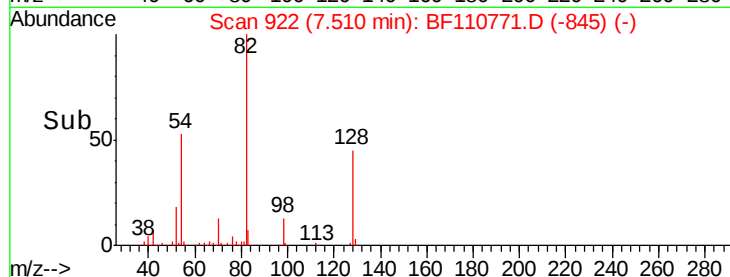
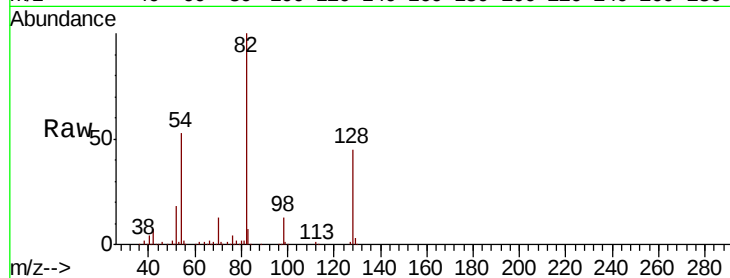
Ion Ratio Lower Upper

70 100

42 50.8 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

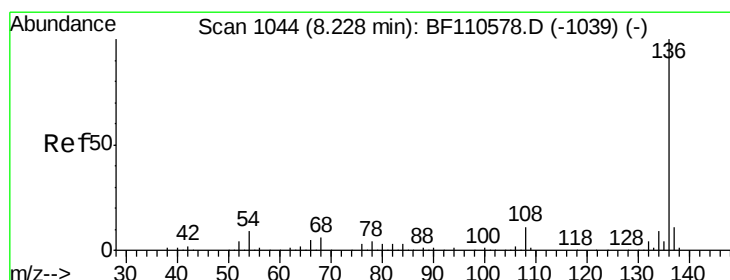
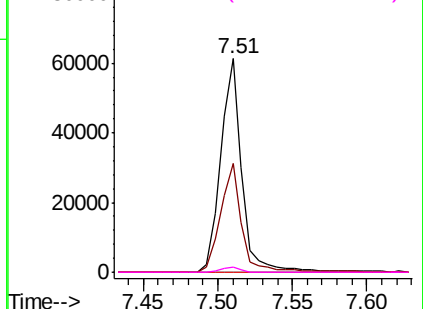


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Tgt Ion: 136 Resp: 287258

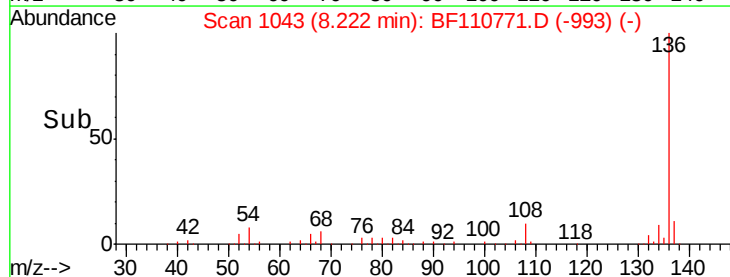
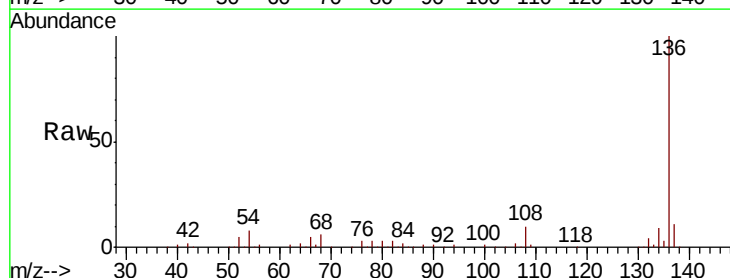
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.2 5.4 8.2#

68 6.1 4.2 6.2

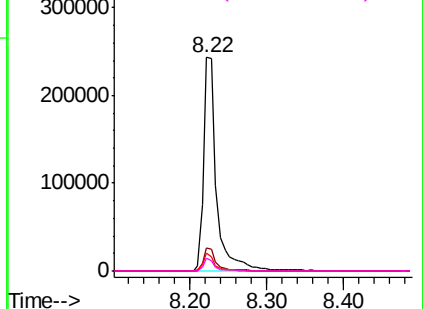


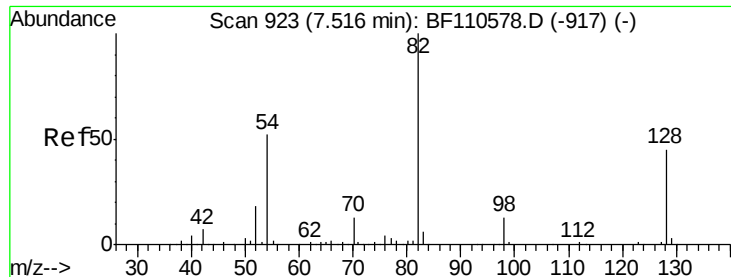
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

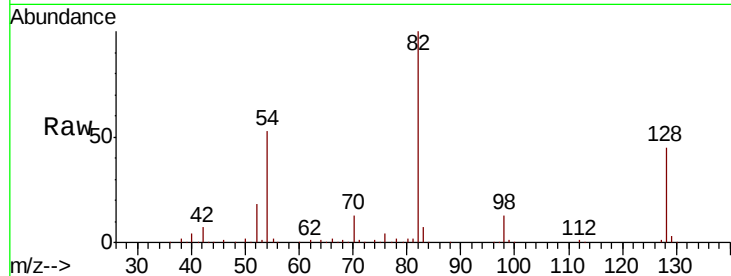




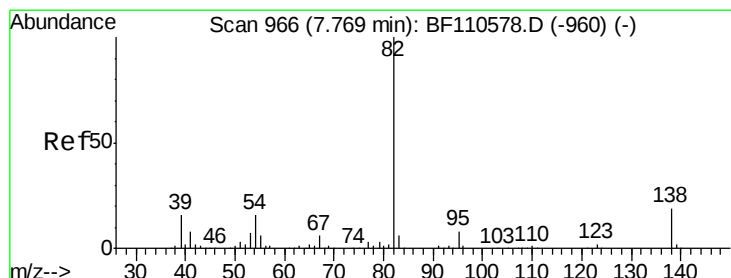
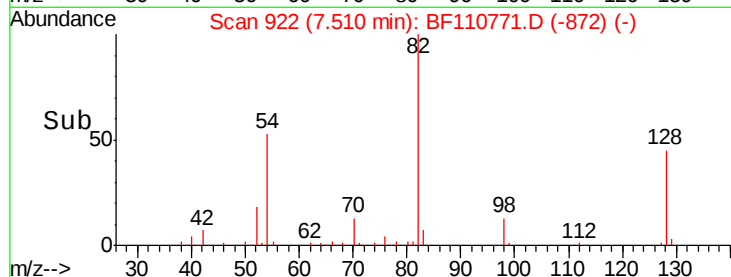
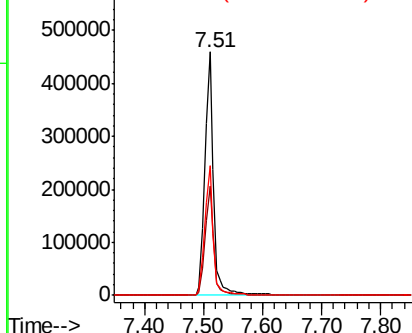
#23
Nitrobenzene-d5
Concen: 94.403 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110771.D
Acq: 14 Nov 2018 18:22

Instrument :
BNA_F
ClientSampleID :
WALL-E

Tgt Ion: 82 Resp: 470883
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.2
54 53.2 38.6 58.0

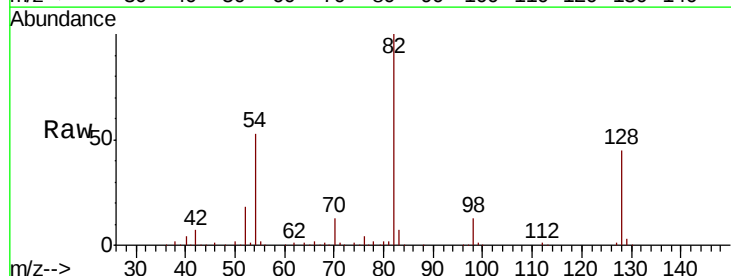


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

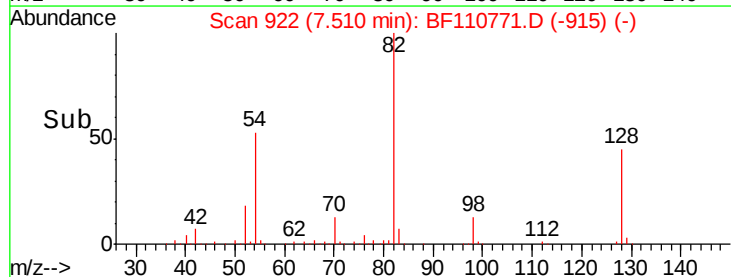
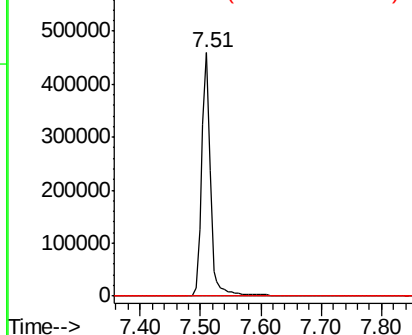


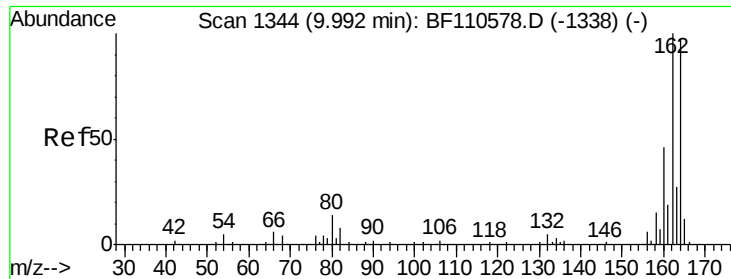
#25
Isophorone
Concen: 57.597 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110771.D
Acq: 14 Nov 2018 18:22

Tgt Ion: 82 Resp: 470880
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: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

WALL-E

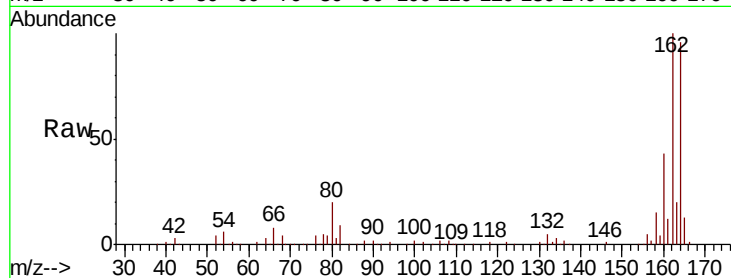
Tgt Ion:164 Resp: 132616

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

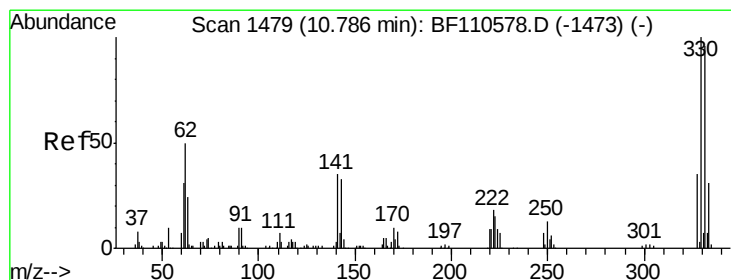
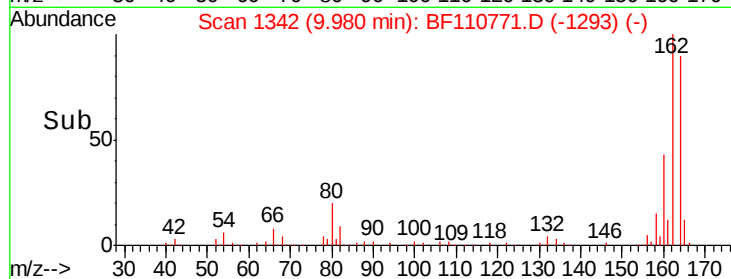
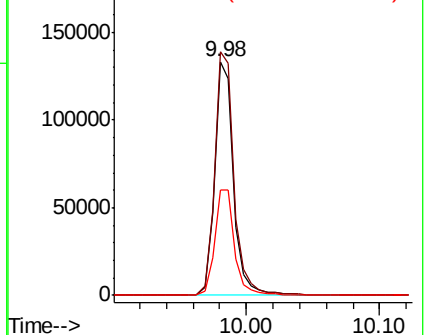
160 45.0 37.0 55.6



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: 126.810 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

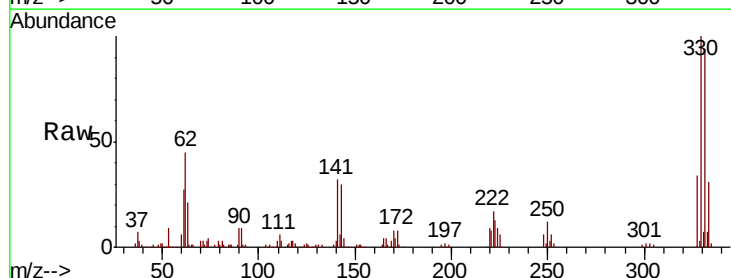
Tgt Ion:330 Resp: 169452

Ion Ratio Lower Upper

330 100

332 94.6 77.1 115.7

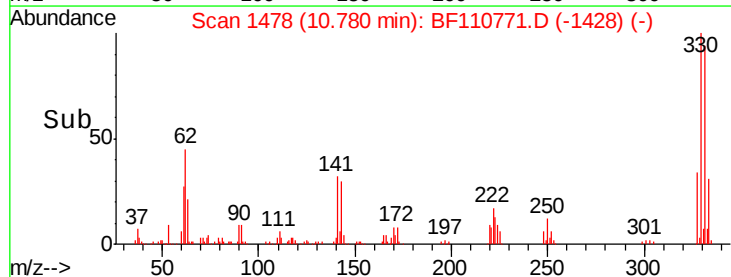
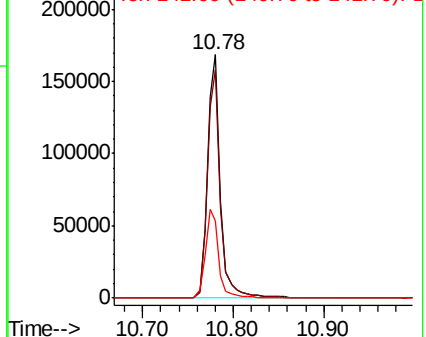
141 37.4 27.0 40.4

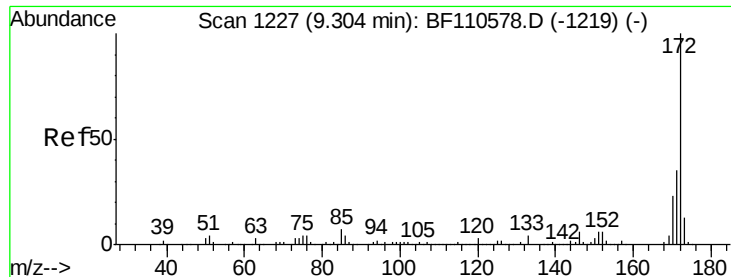


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

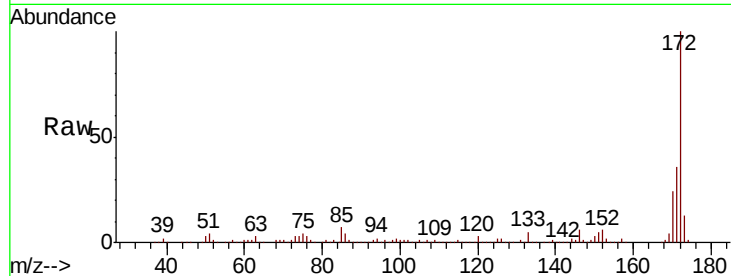




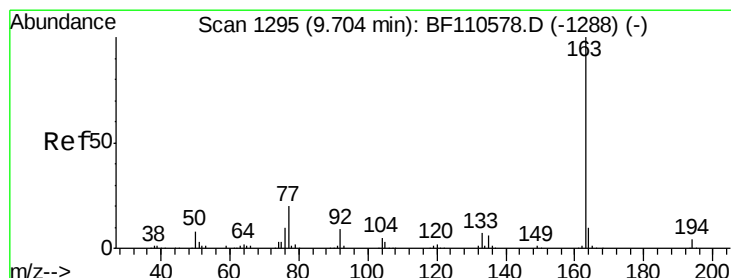
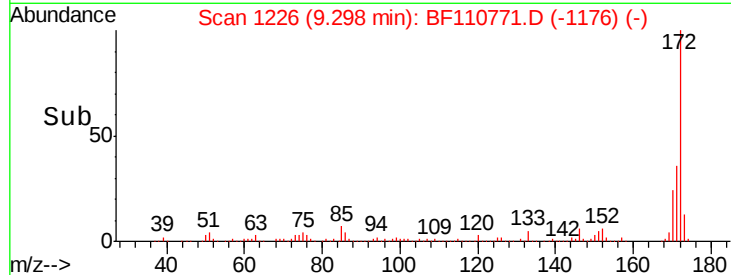
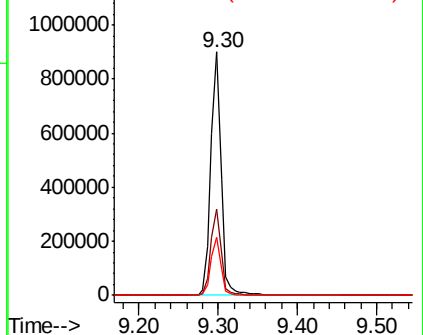
#45
 2-Fluorobiphenyl
 Concen: 87.856 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110771.D
 Acq: 14 Nov 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 WALL-E

Tgt Ion:172 Resp: 815796
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.8 19.7 29.5

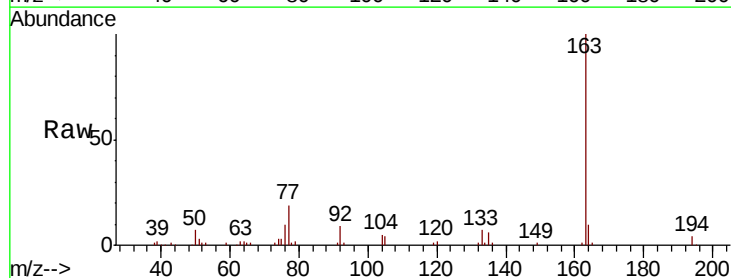


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

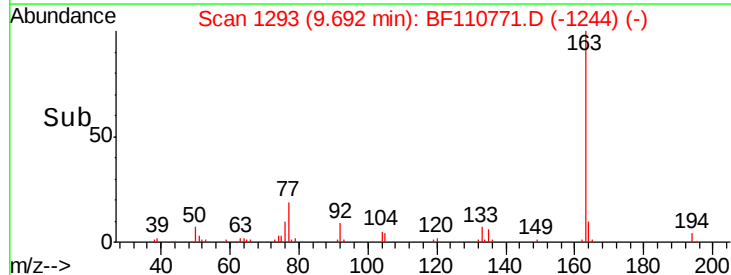
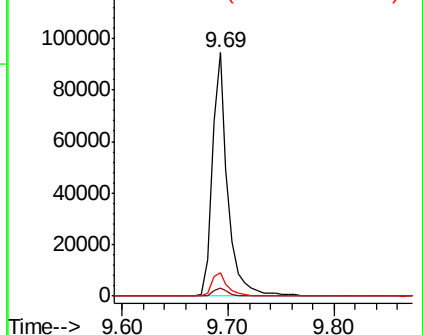


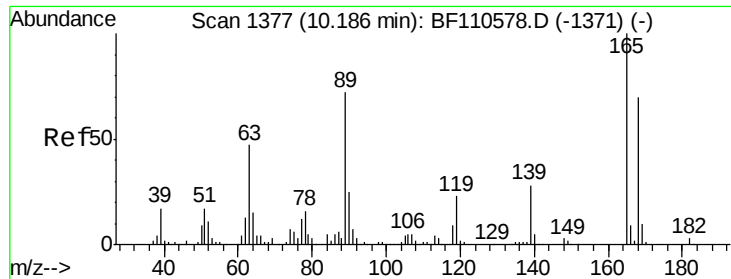
#50
 Dimethylphthalate
 Concen: 9.741 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110771.D
 Acq: 14 Nov 2018 18:22

Tgt Ion:163 Resp: 96389
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 9.8 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

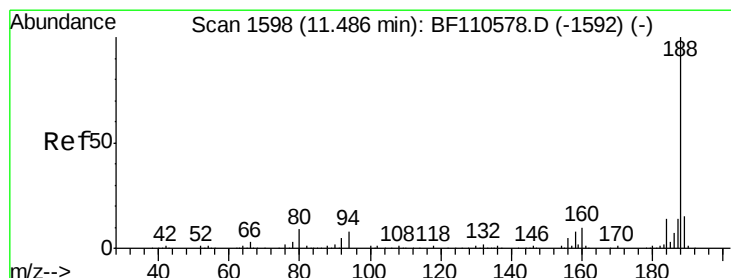
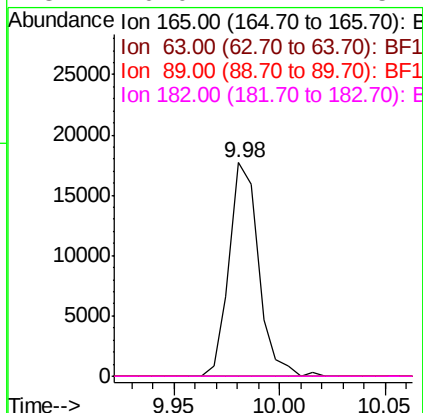
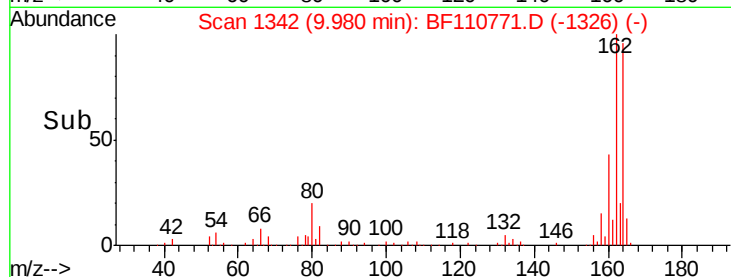
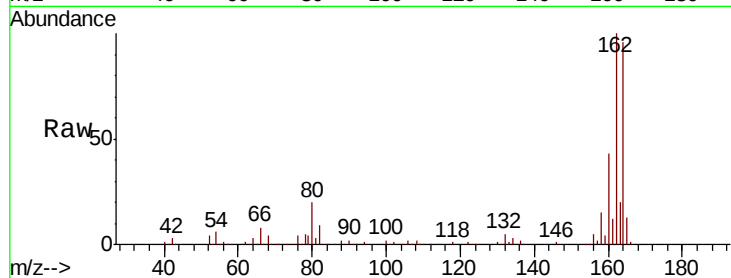




#57
2,4-Dinitrotoluene
Concen: 6.030 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110771.D
Acq: 14 Nov 2018 18:22

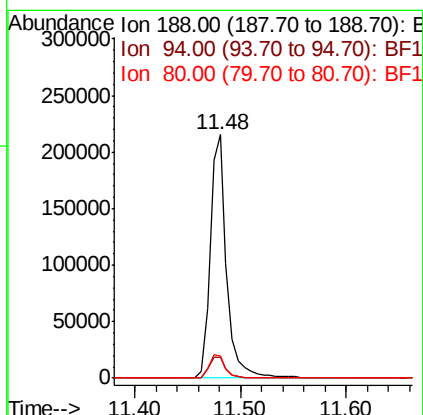
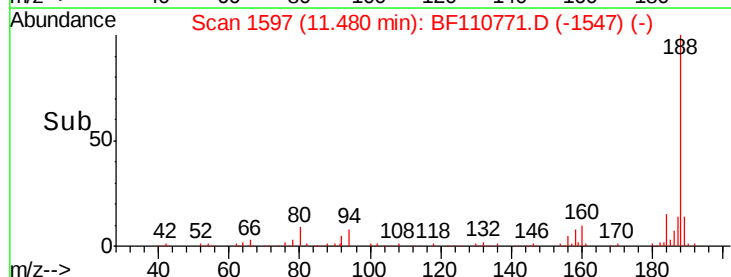
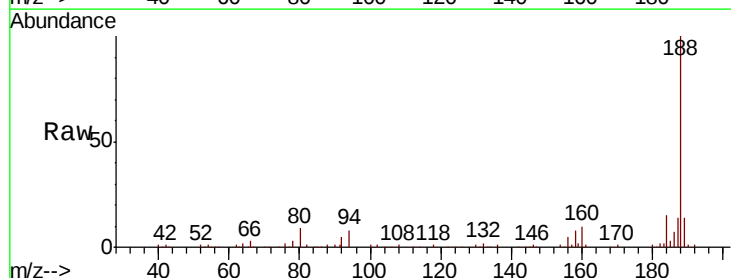
Instrument :
BNA_F
ClientSampleId :
WALL-E

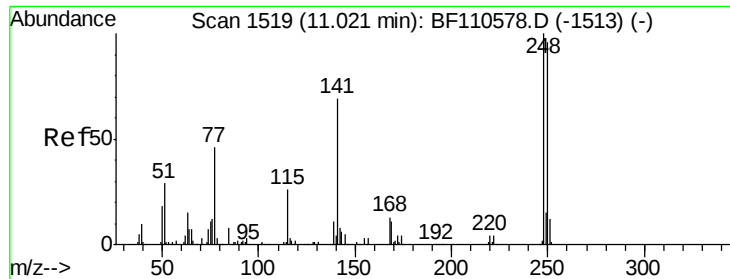
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110771.D
Acq: 14 Nov 2018 18:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.2	7.9	11.9

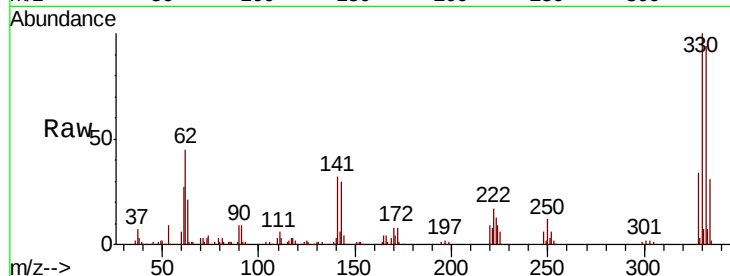




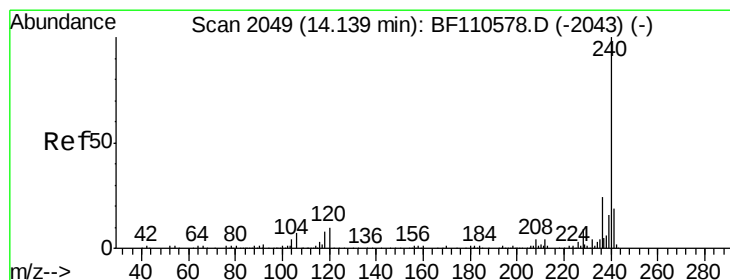
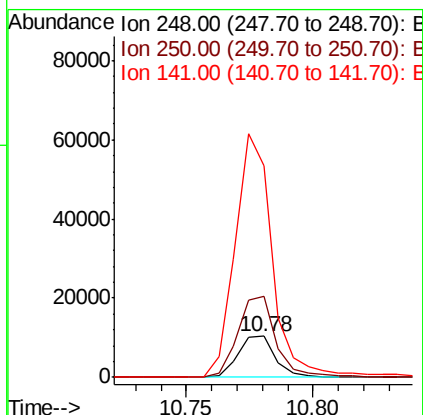
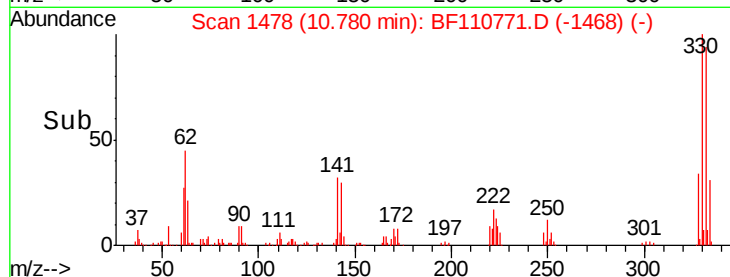
#67
 4-Bromophenyl-phenylether
 Concen: 4.141 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110771.D
 Acq: 14 Nov 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 WALL-E

Tgt Ion:248 Resp: 10644
 Ion Ratio Lower Upper
 248 100
 250 195.5 79.4 119.2#
 141 514.0 55.9 83.9#

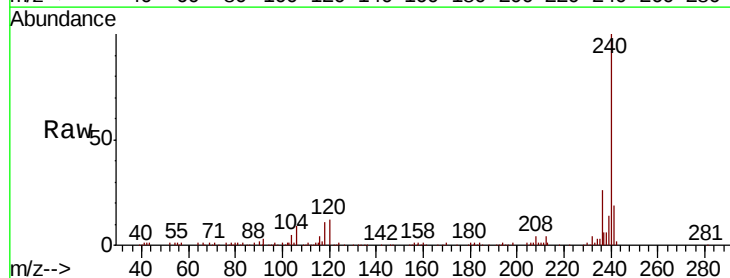


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

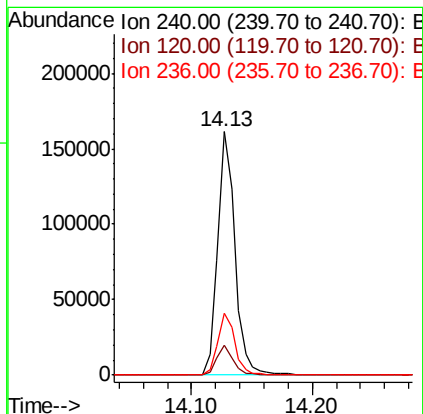
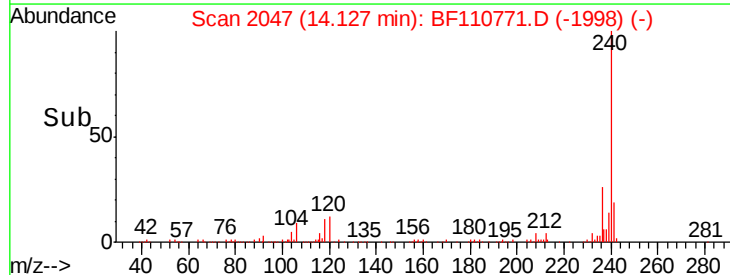


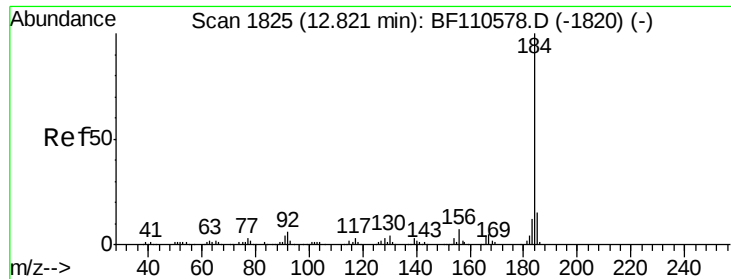
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110771.D
 Acq: 14 Nov 2018 18:22

Tgt Ion:240 Resp: 157699
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 25.5 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: 2.000 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

WALL-E

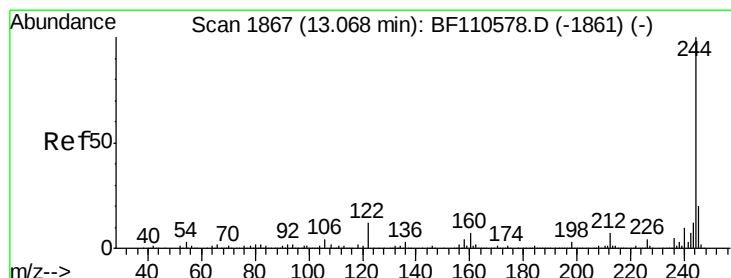
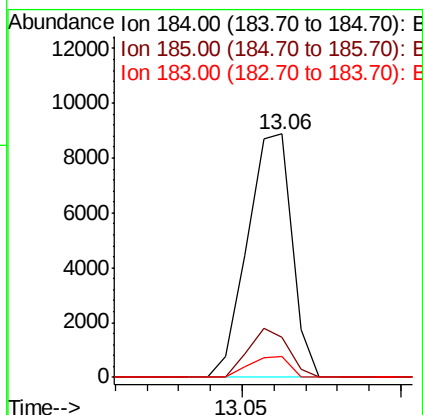
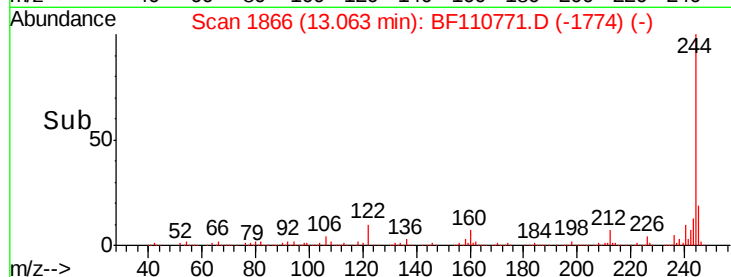
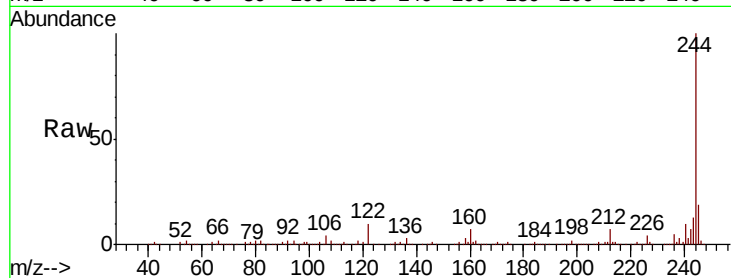
Tgt Ion:184 Resp: 8674

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.2

183 8.4 9.4 14.2#



#79

Terphenyl-d14

Concen: 74.579 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

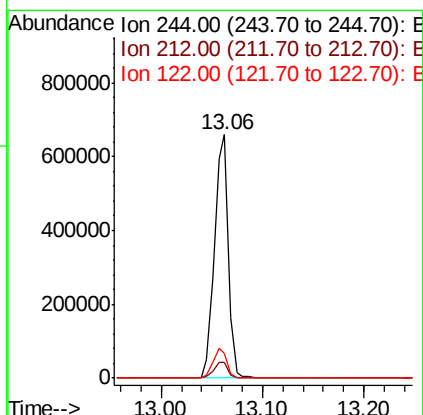
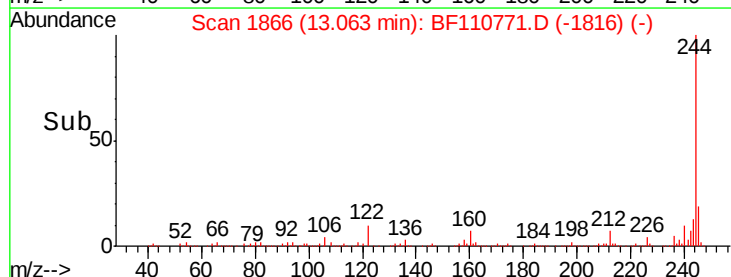
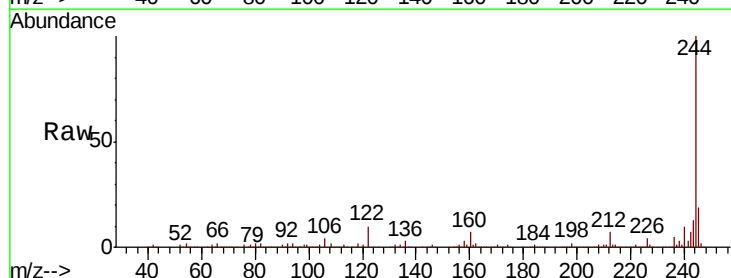
Tgt Ion:244 Resp: 628005

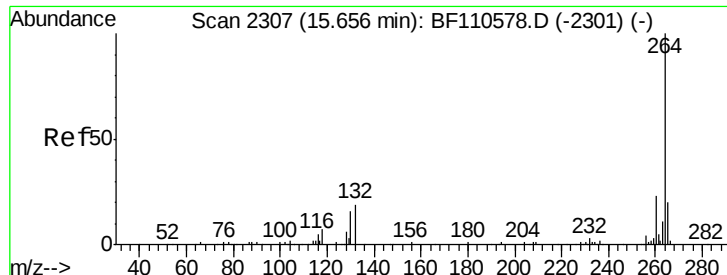
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 10.3 8.7 13.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

WALL-E

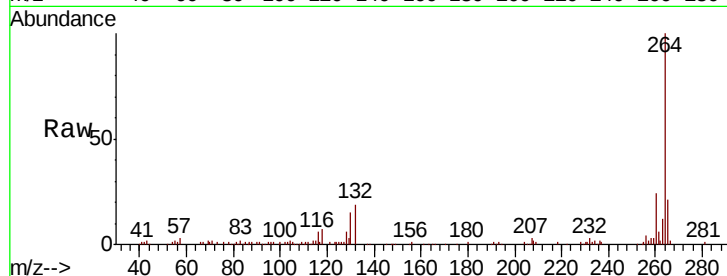
Tgt Ion: 264 Resp: 141853

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.2 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

