

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110458.D
 Acq On : 5 Nov 2018 12:13
 Operator : JU/SJ
 Sample : J5816-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 16:42:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98689	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	410565	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	199928	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	374252	20.00	ng	0.00
76) Chrysene-d12	14.13	240	229673	20.00	ng	0.00
87) Perylene-d12	15.66	264	158590	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	795413	131.25	ng	0.01
7) Phenol-d6	6.59	99	1021022	131.72	ng	0.00
23) Nitrobenzene-d5	7.52	82	632577	91.39	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	238250	120.30	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1055459	82.90	ng	0.00
79) Terphenyl-d14	13.07	244	933610	84.54	ng	0.00

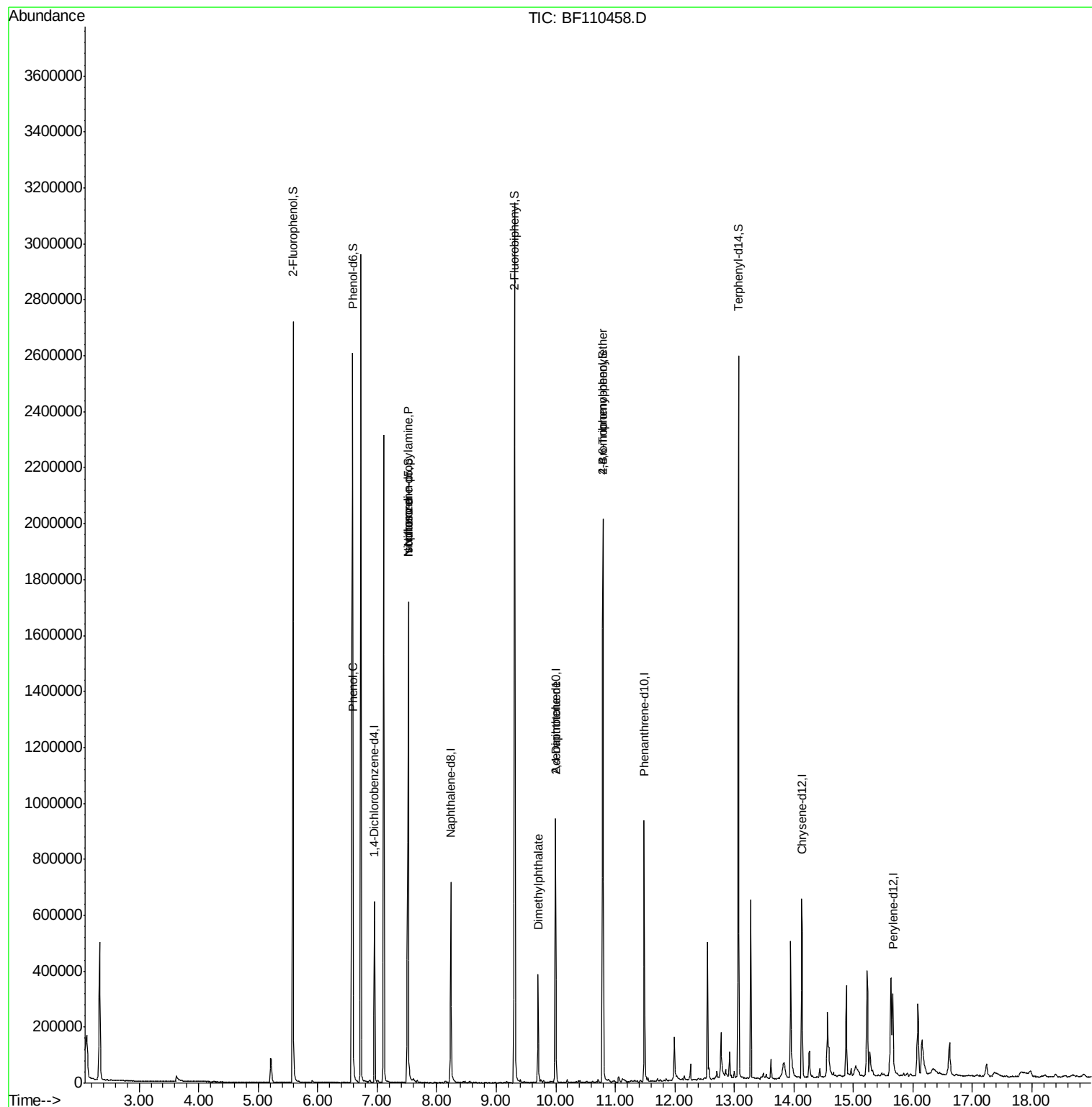
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	2312	Below Cal		# 1
10) Phenol	6.60	94	73202	8.835	ng	# 63
19) n-Nitroso-di-n-propylamine	7.52	70	85160	17.125	ng	# 79
25) Isophorone	7.52	82	632666	53.619	ng	# 67
50) Dimethylphthalate	9.70	163	184429	12.497	ng	# 98
57) 2,4-Dinitrotoluene	10.00	165	25097	6.215	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	15170	3.737	ng	# 1

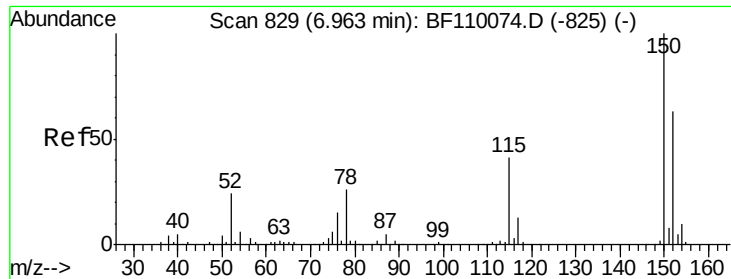
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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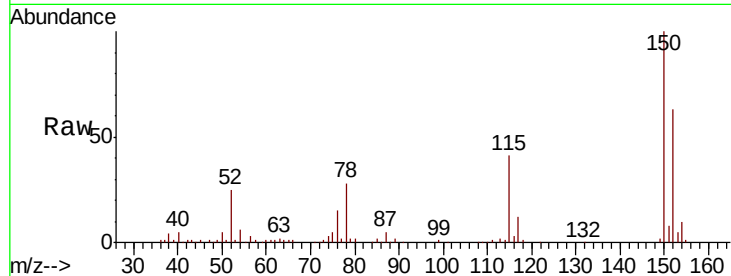


#1

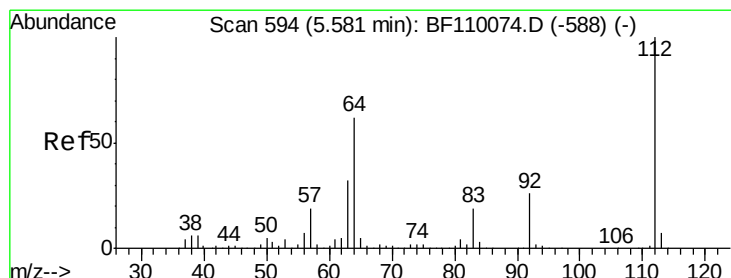
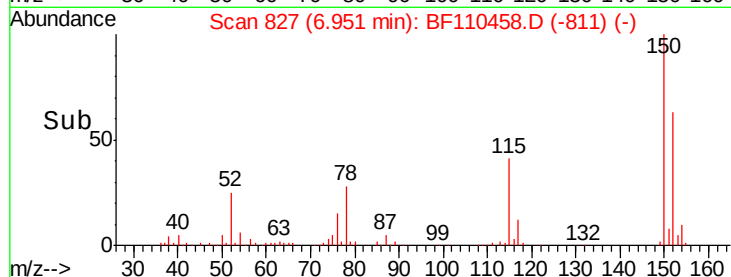
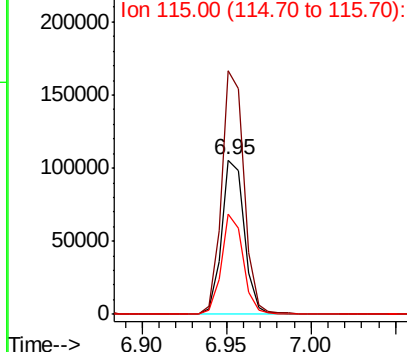
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110458.D
Acq: 5 Nov 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98689
Ion Ratio Lower Upper
152 100
150 157.6 122.7 184.1
115 64.8 49.1 73.7



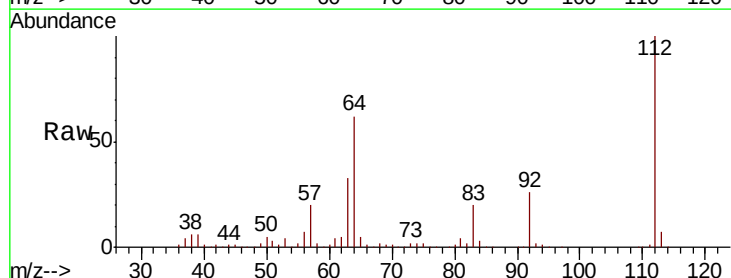
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



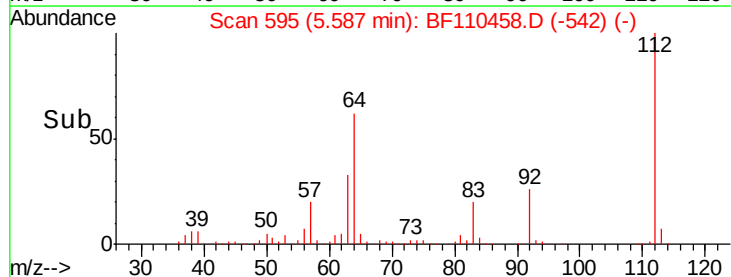
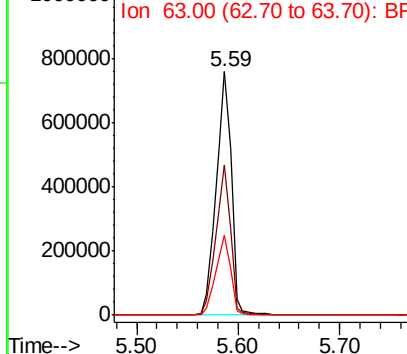
#5

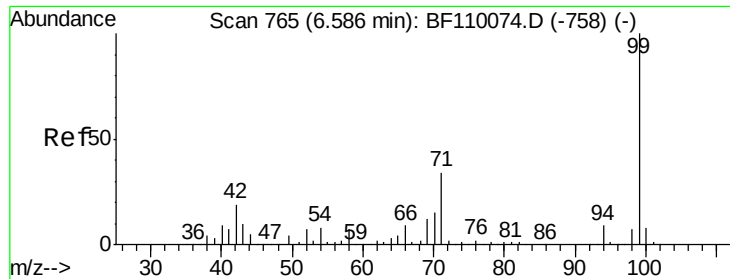
2-Fluorophenol
Concen: 131.250 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110458.D
Acq: 5 Nov 2018 12:13

Tgt Ion:112 Resp: 795413
Ion Ratio Lower Upper
112 100
64 61.6 44.1 66.1
63 32.9 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: 131.718 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

Instrument :

BNA_F

ClientSampled :

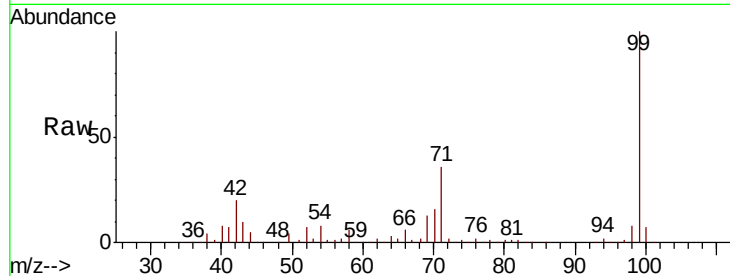
Tot Ion: 99 Resp: 1021022

Ion Ratio Lower Upper

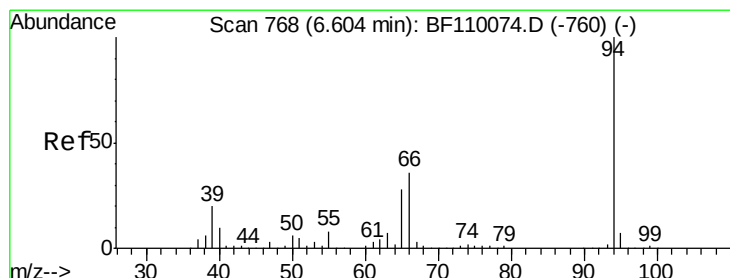
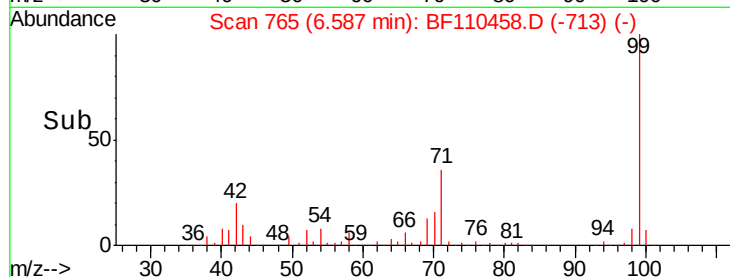
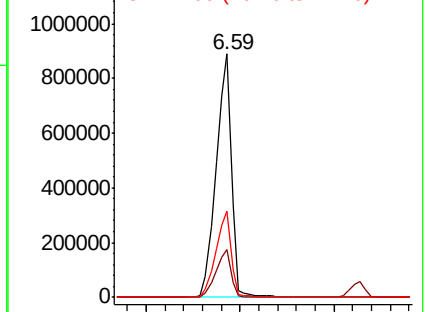
99 100

42 19.6 15.8 23.6

71 35.5 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: 8.835 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

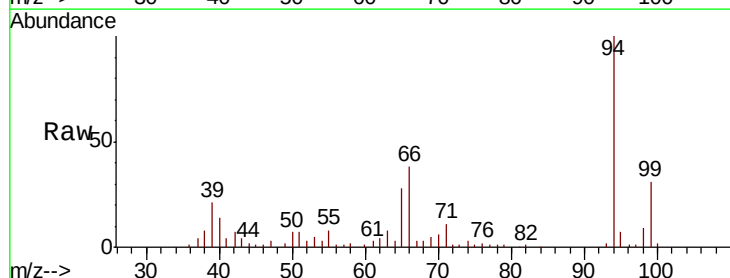
Tgt Ion: 94 Resp: 73202

Ion Ratio Lower Upper

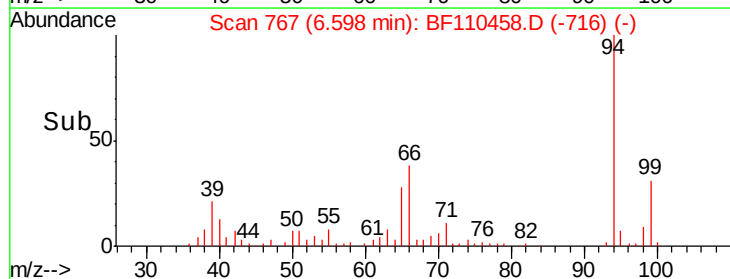
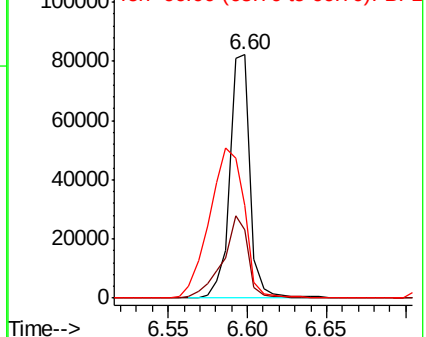
94 100

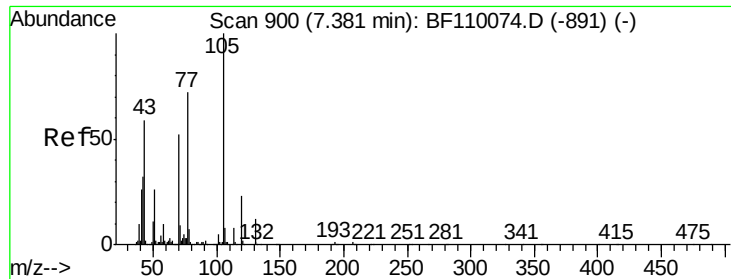
65 28.2 25.3 65.3

66 37.9 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: 17.125 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

Instrument :

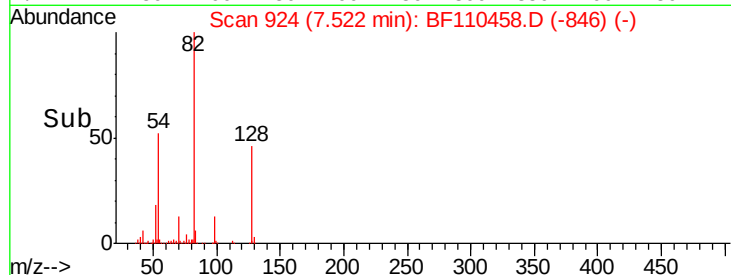
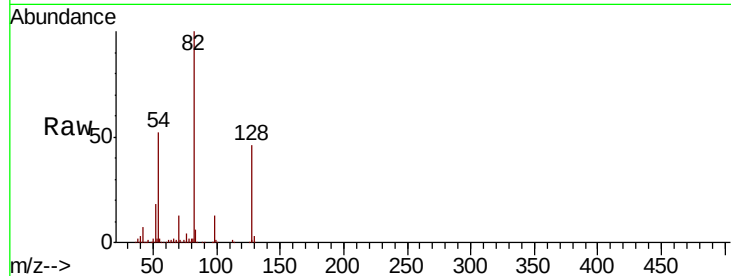
BNA_F

ClientSampled :

Tot Ion: 70 Resp: 85160

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#

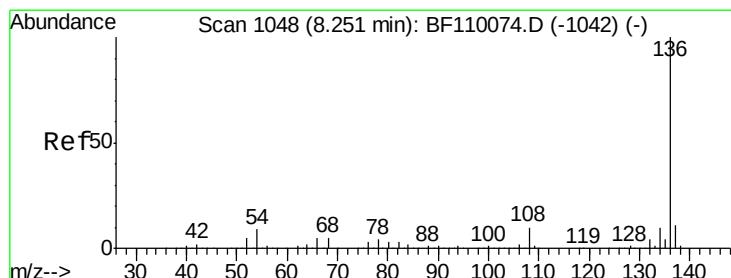
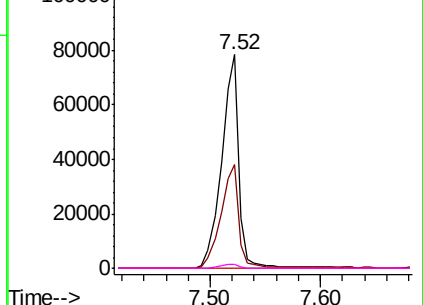


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

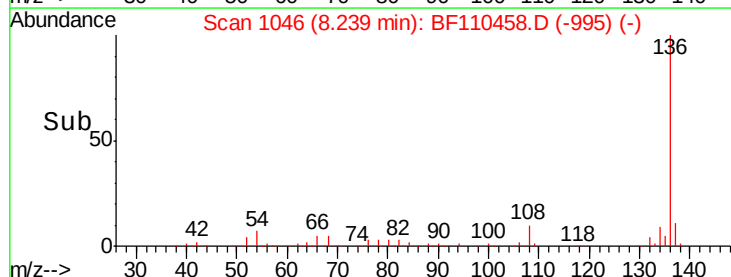
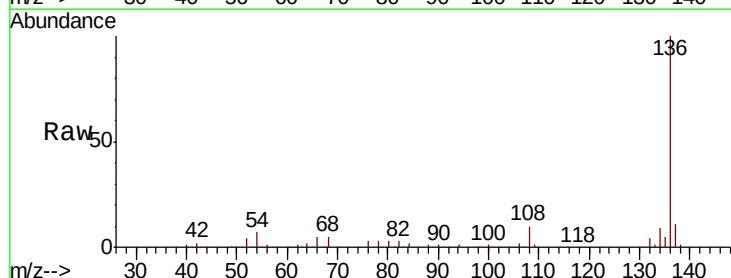
Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

Tgt Ion: 136 Resp: 410565

Ion Ratio Lower Upper

136	100		
137	10.7	8.8	13.2
54	7.2	5.4	8.2
68	4.6	4.2	6.2

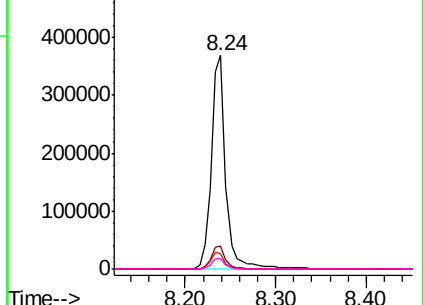


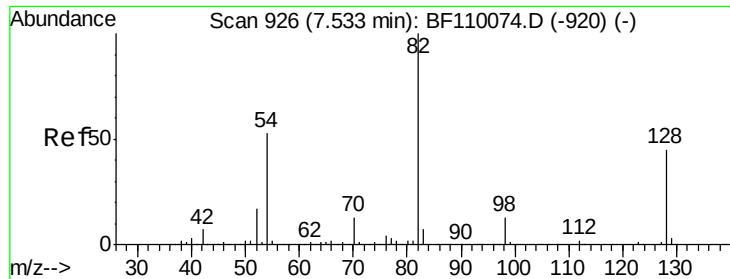
Abundance Ion 136.00 (135.70 to 136.70): E

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

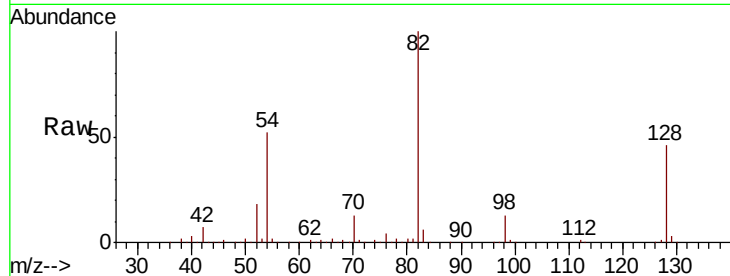




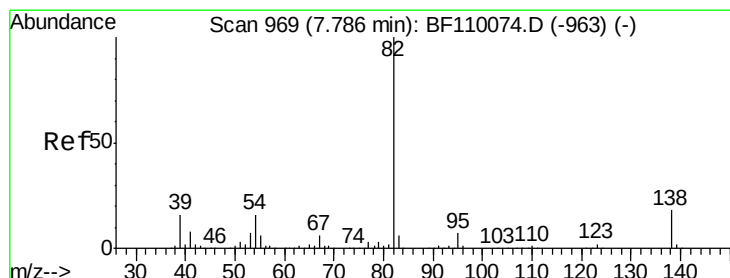
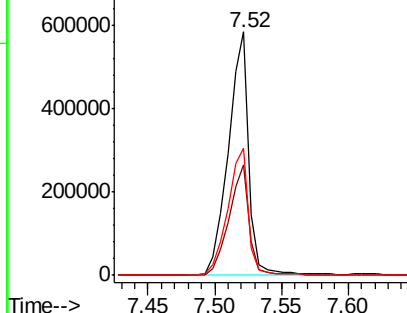
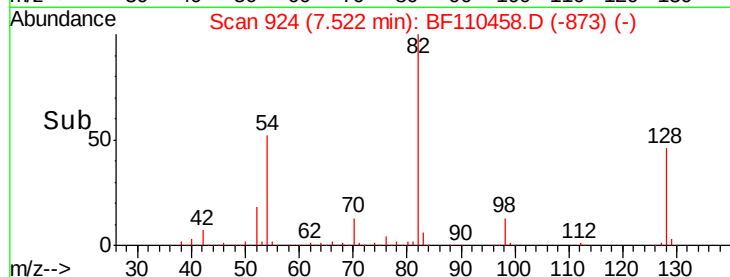
#23
Nitrobenzene-d5
Concen: 91.387 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110458.D
Acq: 5 Nov 2018 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	632577
Ion Ratio	100	Lower	Upper
128	45.5	34.2	51.2
54	52.2	38.6	58.0

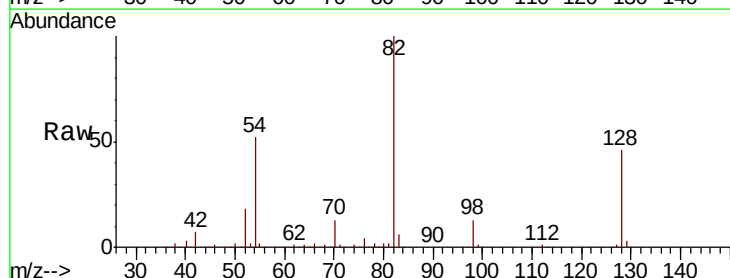


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

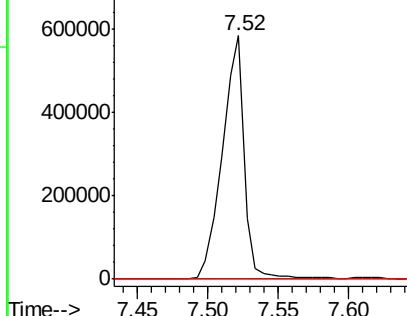
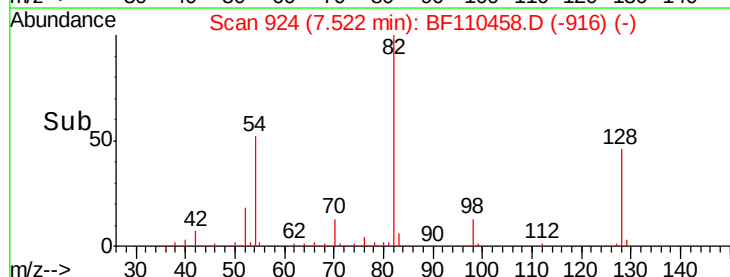


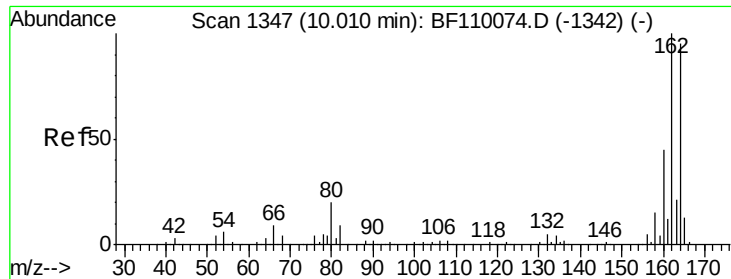
#25
Isophorone
Concen: 53.619 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110458.D
Acq: 5 Nov 2018 12:13

Tgt Ion	82	Resp	632666
Ion Ratio	100	Lower	Upper
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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

Instrument :

BNA_F

ClientSampled :

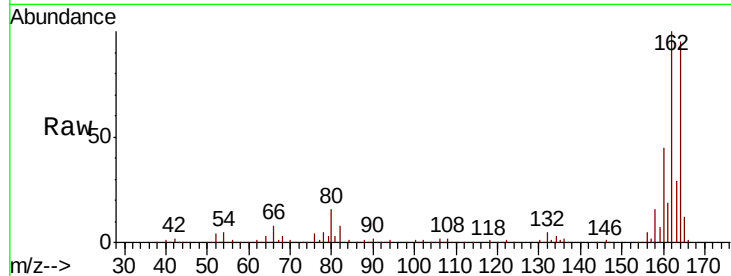
Tot Ion:164 Resp: 199928

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.6

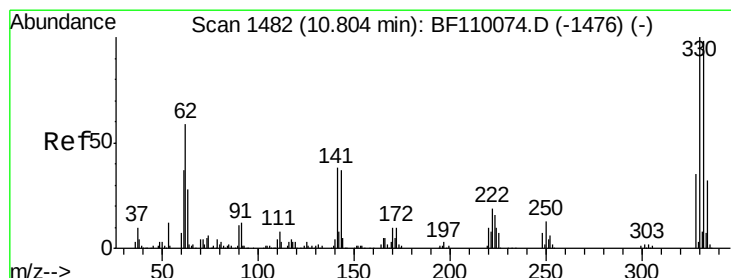
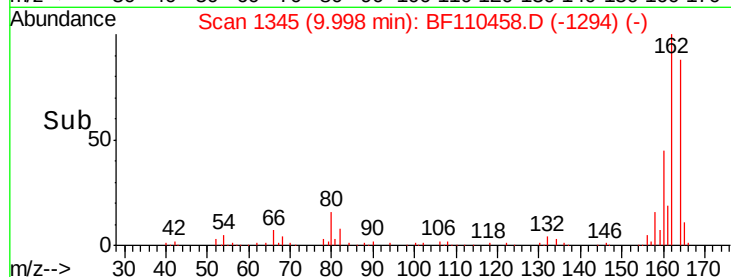
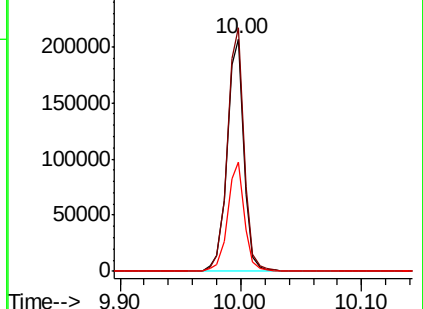
160 47.1 37.0 55.6



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: 120.303 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

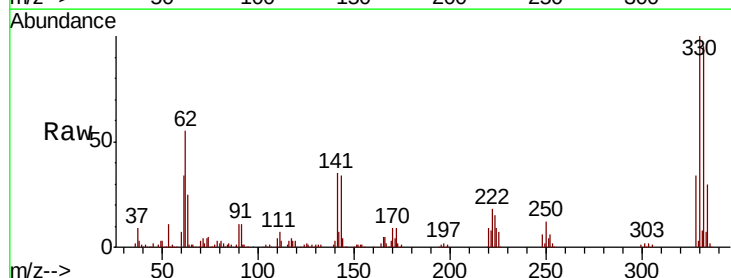
Tgt Ion:330 Resp: 238250

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

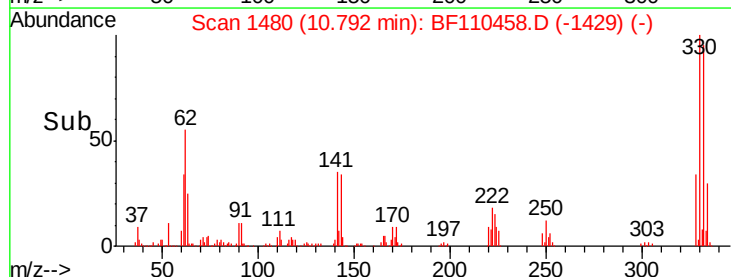
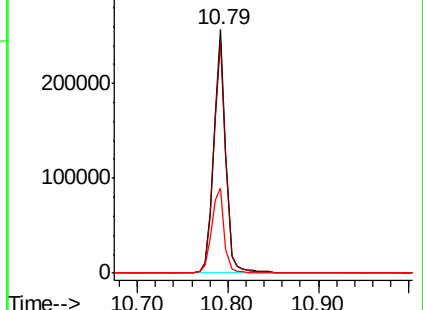
141 37.3 27.0 40.4

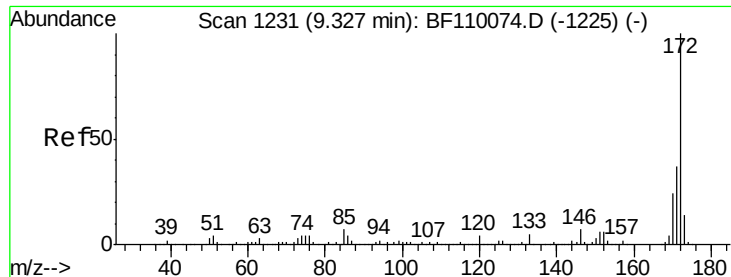


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



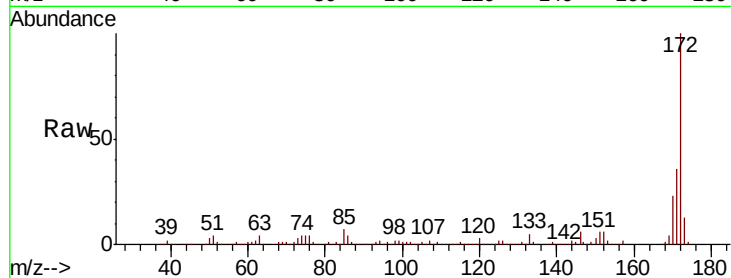


#45
 2-Fluorobiphenyl
 Concen: 82.897 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110458.D
 Acq: 5 Nov 2018 12:13

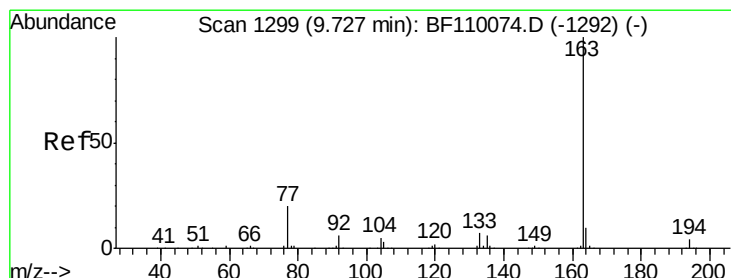
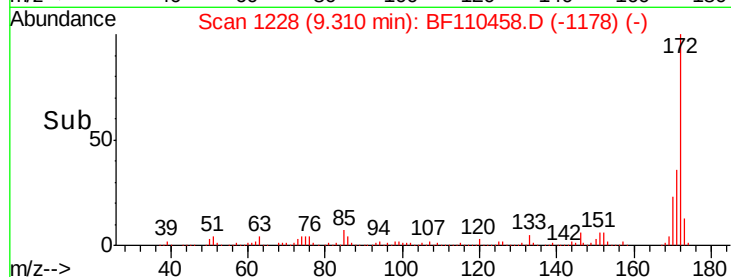
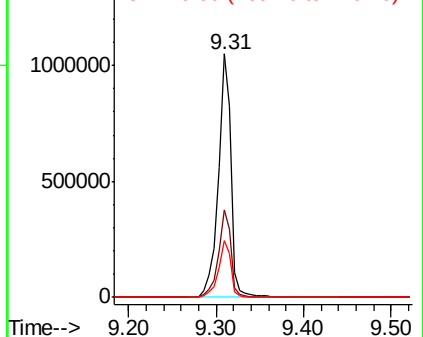
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1055459

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.4	19.7	29.5



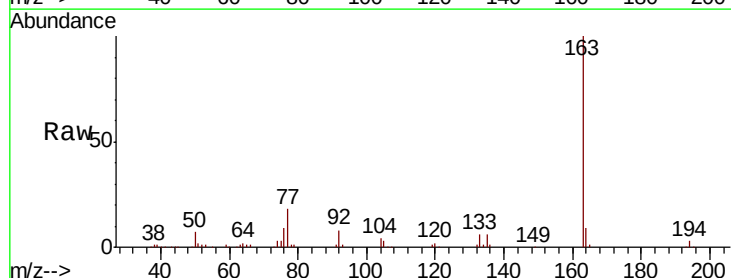
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



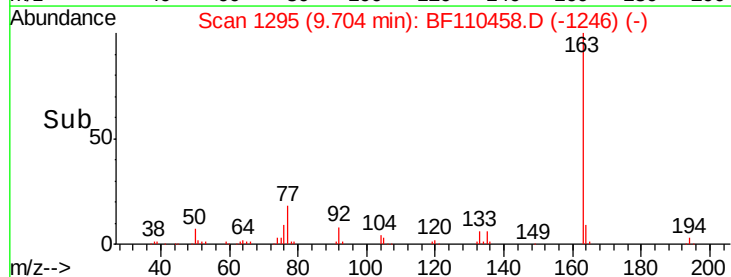
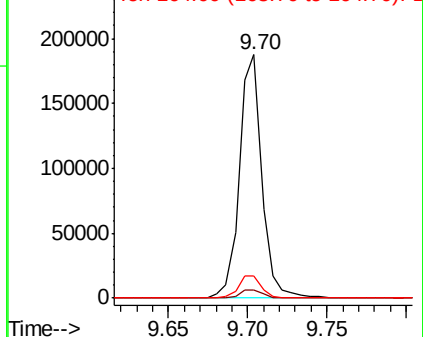
#50
 Dimethylphthalate
 Concen: 12.497 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110458.D
 Acq: 5 Nov 2018 12:13

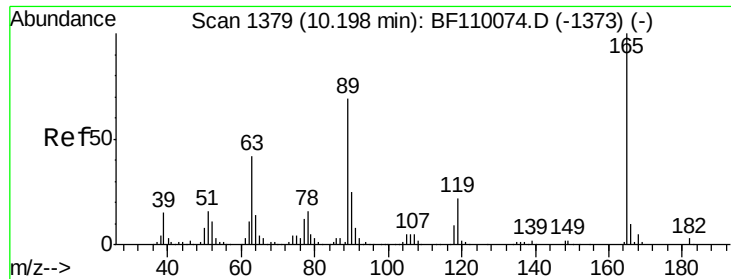
Tgt Ion:163 Resp: 184429

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.3	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: 6.215 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

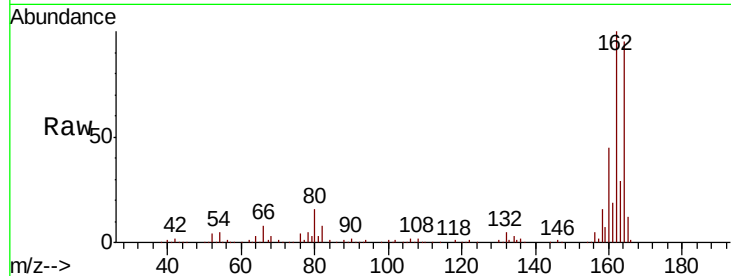
Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

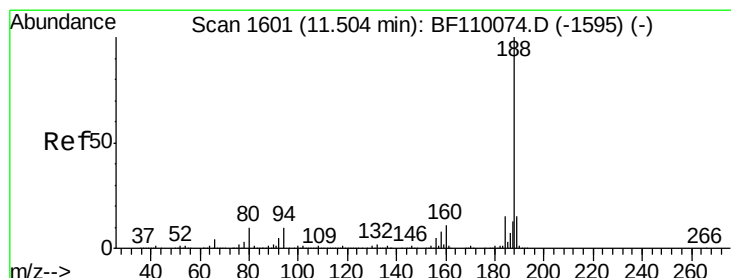
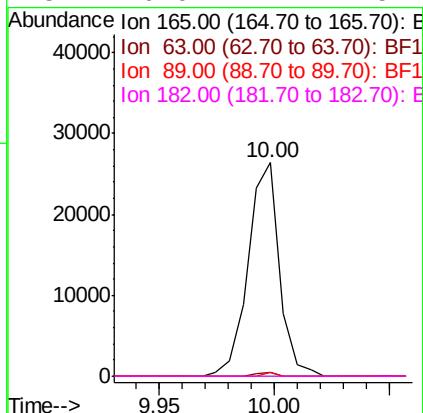
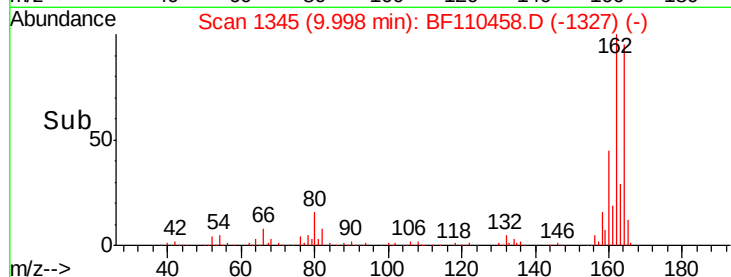
Instrument :

BNA_F

ClientSampleId :



Tot Ion:165	Resp:	25097
Ion	Ratio	Lower Upper
165	100	
63	1.7	44.8 67.2#
89	1.5	62.2 93.4#
182	0.0	2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

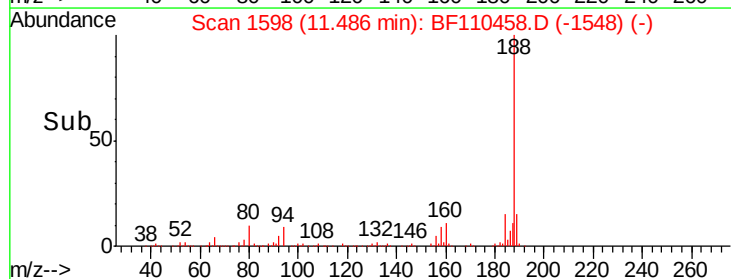
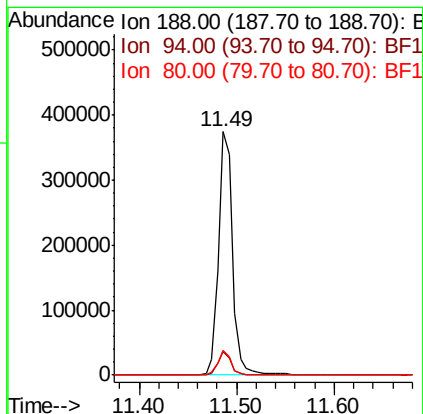
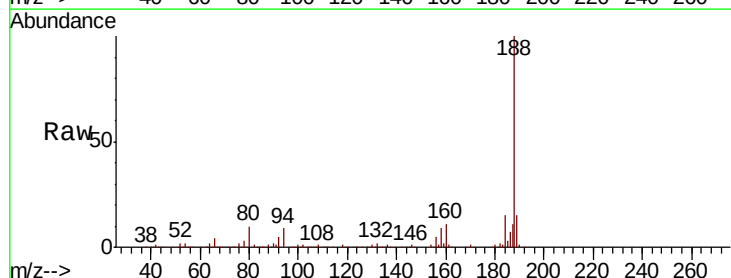
RT: 11.49 min Scan# 1598

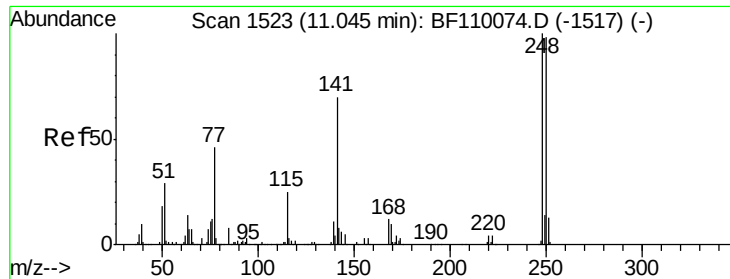
Delta R.T. -0.01 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

Tgt Ion:188	Resp:	374252
Ion	Ratio	Lower Upper
188	100	
94	9.4	7.2 10.8
80	9.9	7.9 11.9

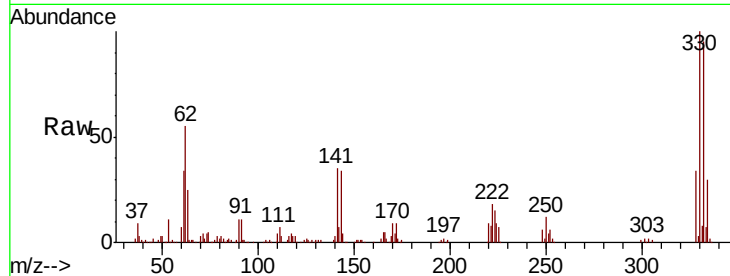




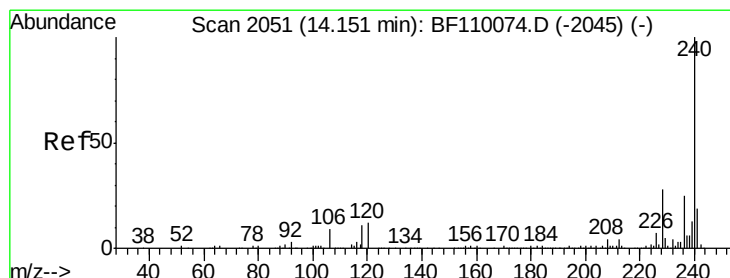
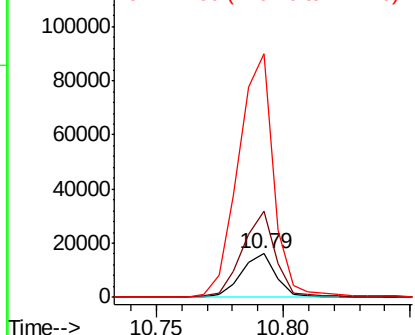
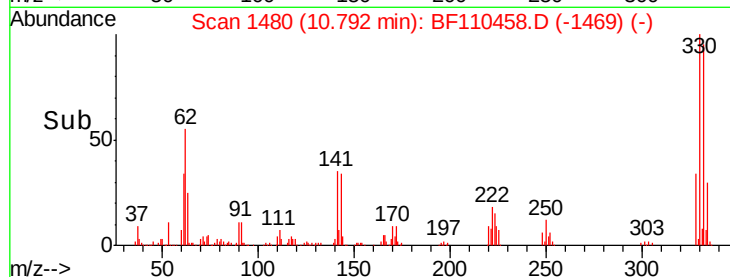
#67
 4-Bromophenyl-phenylether
 Concen: 3.737 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.24 min
 Lab File: BF110458.D
 Acq: 5 Nov 2018 12:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15170
 Ion Ratio Lower Upper
 248 100
 250 200.1 79.4 119.2#
 141 561.5 55.9 83.9#

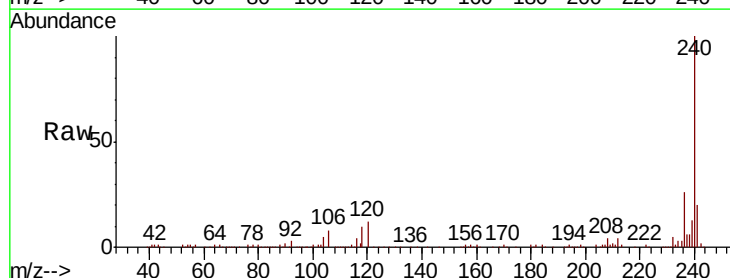


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

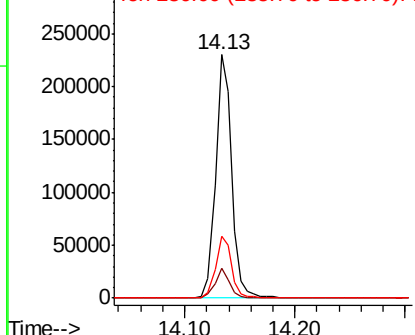
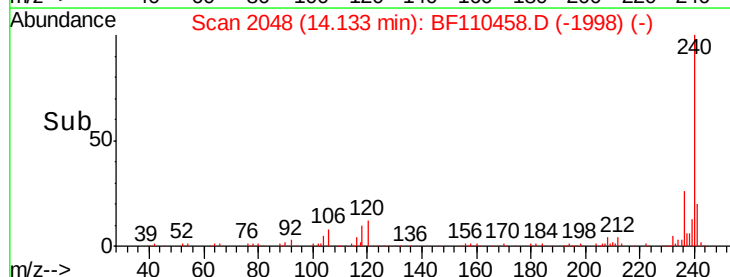


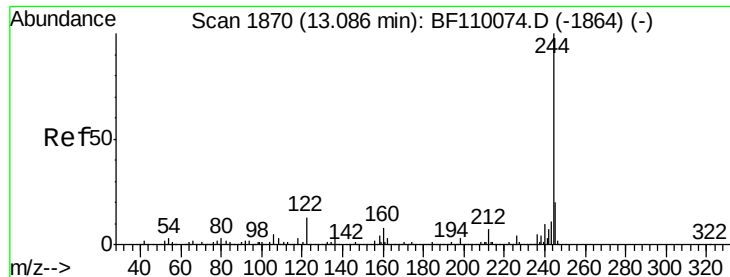
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110458.D
 Acq: 5 Nov 2018 12:13

Tgt Ion:240 Resp: 229673
 Ion Ratio Lower Upper
 240 100
 120 12.0 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





#79

Terphenyl-d14

Concen: 84.539 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

Instrument :

BNA_F

ClientSampleId :

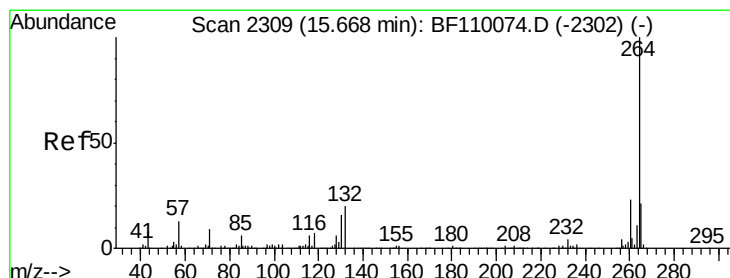
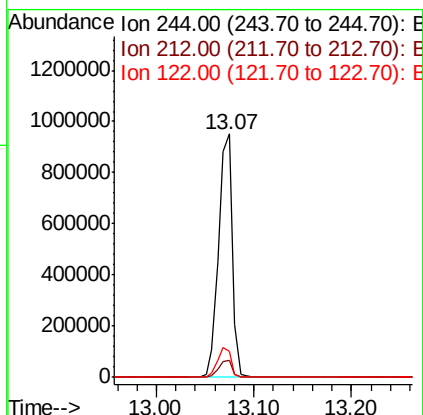
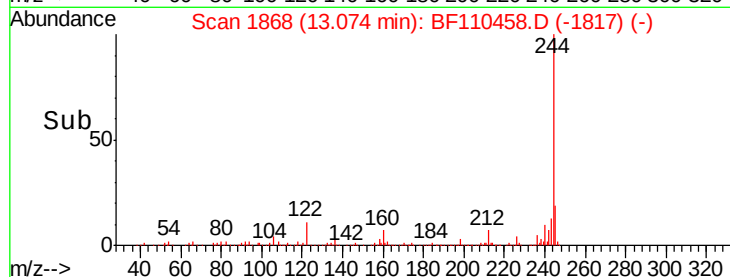
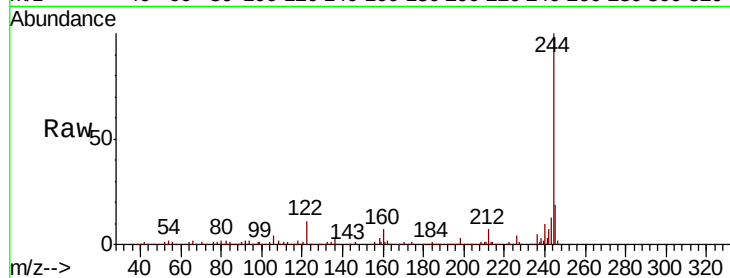
Tot Ion:244 Resp: 933610

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 10.8 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110458.D

Acq: 5 Nov 2018 12:13

Tgt Ion:264 Resp: 158590

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 21.6 16.7 25.1

