

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110356.D
 Acq On : 1 Nov 2018 2:51
 Operator : JU/SJ
 Sample : J5731-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:55:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

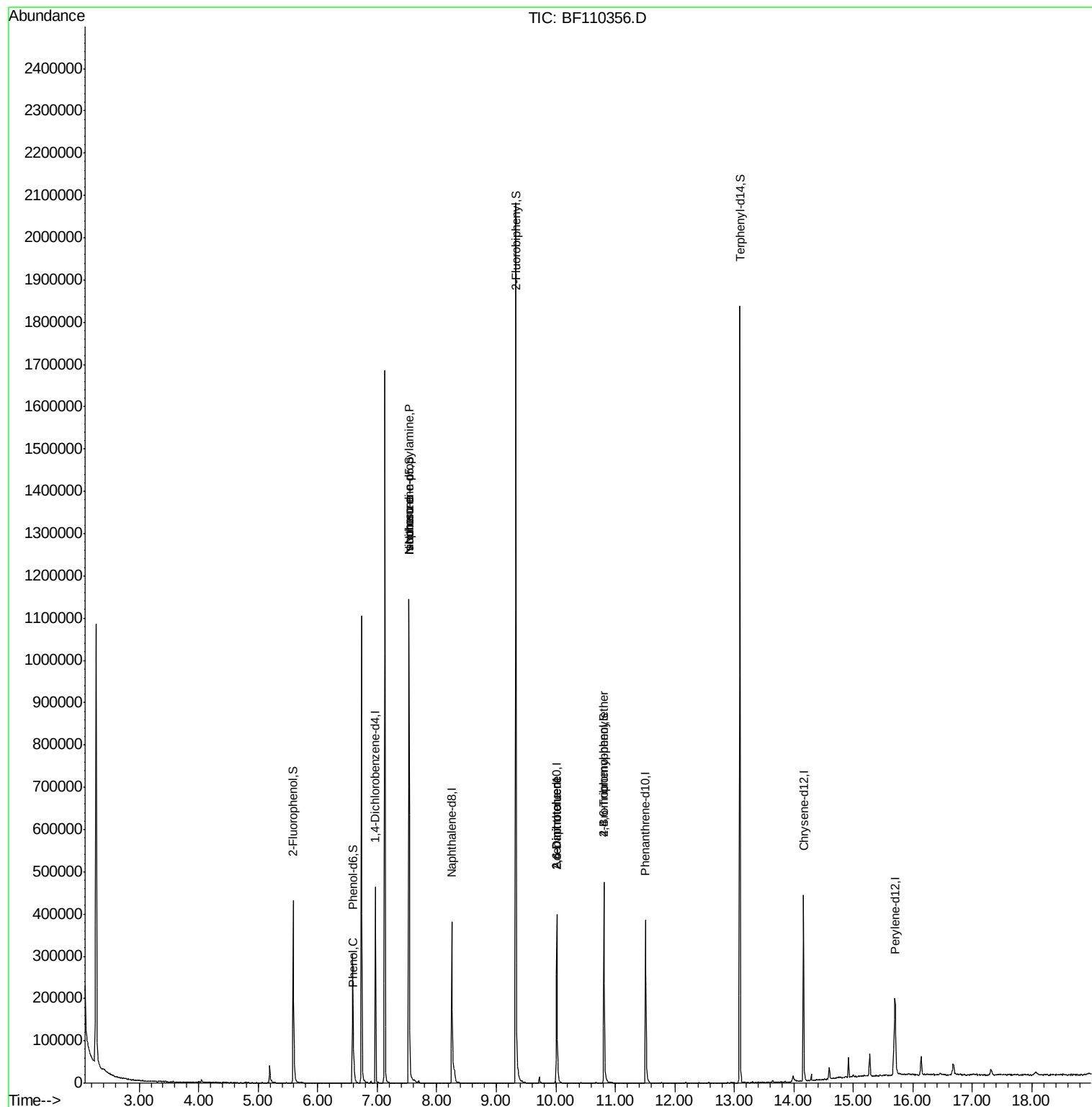
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	65360	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	238078	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	94459	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	164480	20.00	ng	0.00
76) Chrysene-d12	14.16	240	158878	20.00	ng	0.00
87) Perylene-d12	15.70	264	102121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	142102	35.40	ng	0.00
7) Phenol-d6	6.59	99	103840	20.23	ng	-0.02
23) Nitrobenzene-d5	7.53	82	365485	91.05	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	68449	73.15	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	662674	110.16	ng	0.00
79) Terphenyl-d14	13.09	244	601345	78.72	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	19394	3.534	ng	# 68
19) n-Nitroso-di-n-propylamine	7.53	70	48525	14.734	ng	# 80
25) Isophorone	7.53	82	365482	53.416	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	11592	7.718	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	11592	6.076	ng	# 17
67) 4-Bromophenyl-phenylether	10.81	248	4347	2.436	ng	# 1

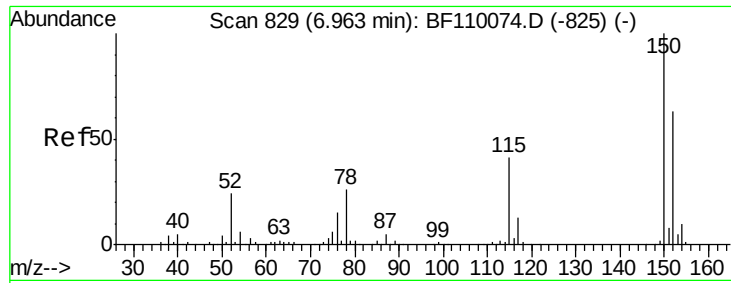
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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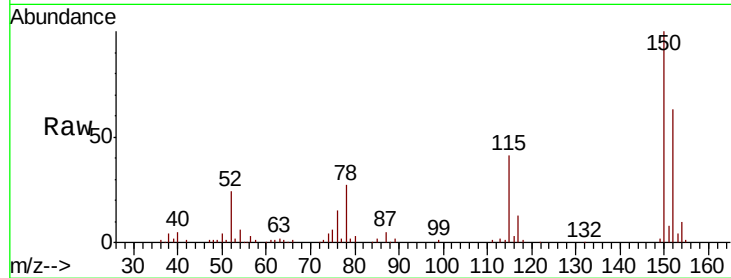




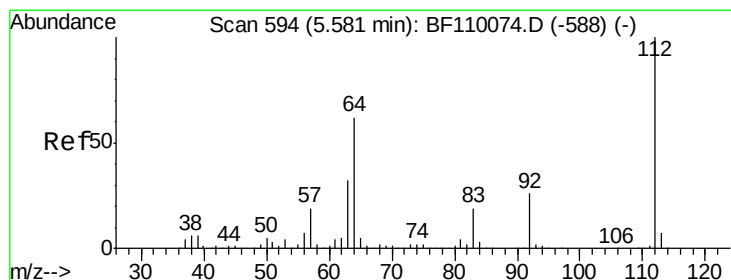
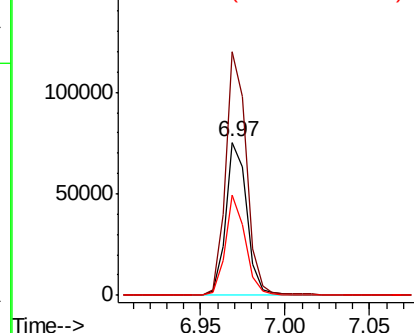
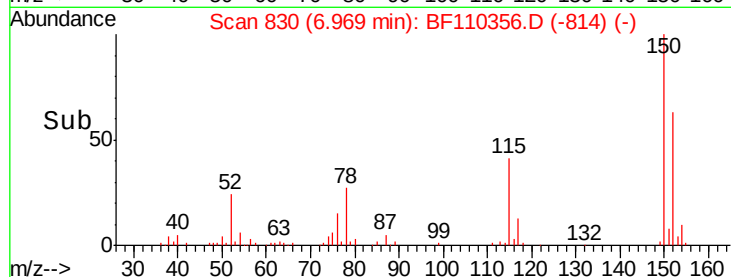
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 65360
 Ion Ratio Lower Upper
 152 100
 150 158.7 122.7 184.1
 115 65.5 49.1 73.7

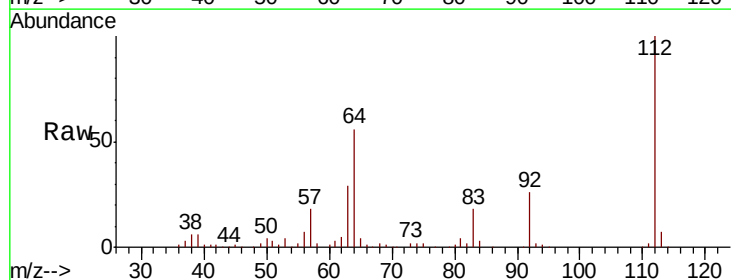


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

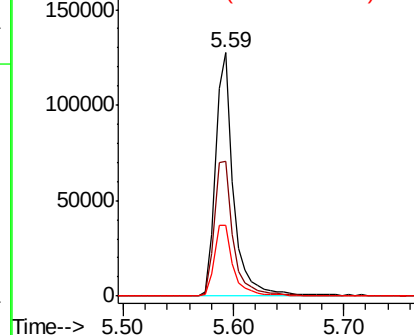
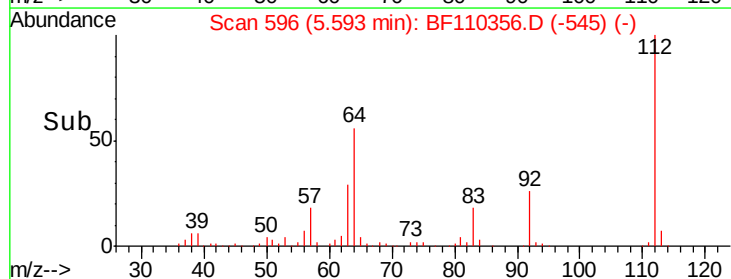


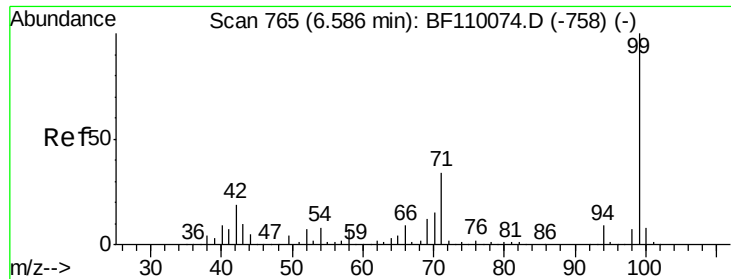
#5
 2-Fluorophenol
 Concen: 35.405 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion:112 Resp: 142102
 Ion Ratio Lower Upper
 112 100
 64 55.5 44.1 66.1
 63 29.2 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: 20.227 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

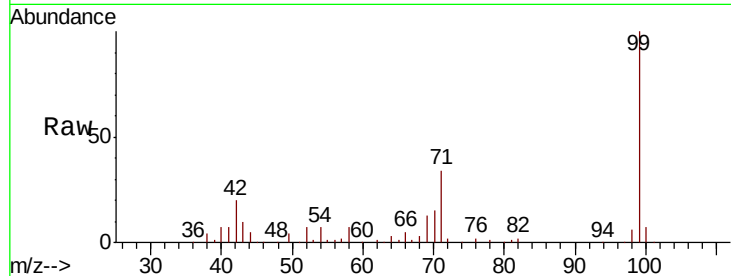
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 103840

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	34.2	28.0	42.0

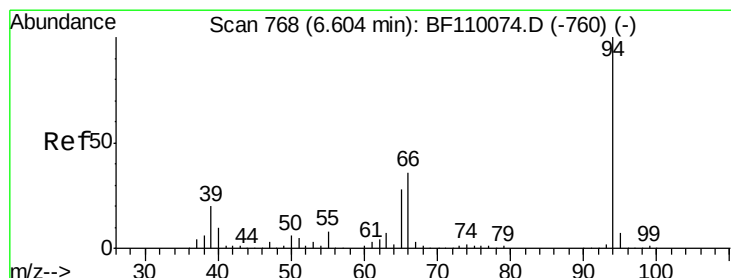
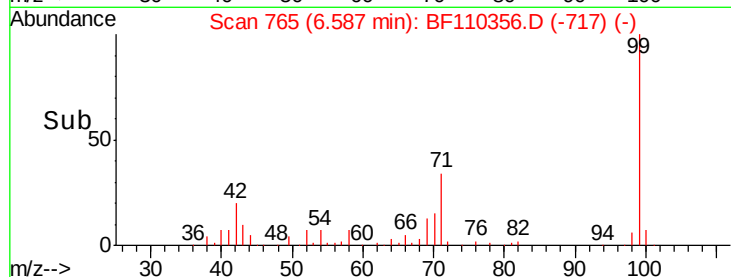
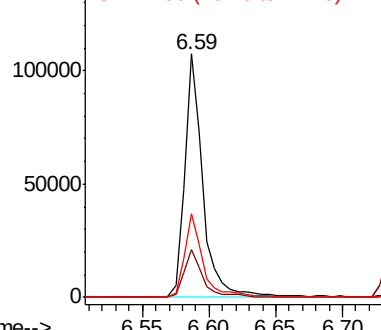


Abundance

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: 3.534 ng

RT: 6.60 min Scan# 768

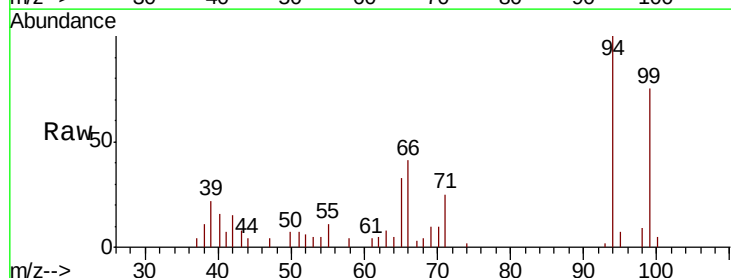
Delta R.T. -0.01 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

Tgt Ion: 94 Resp: 19394

Ion	Ratio	Lower	Upper
94	100		
65	32.7	25.3	65.3
66	40.9	54.5	94.5#

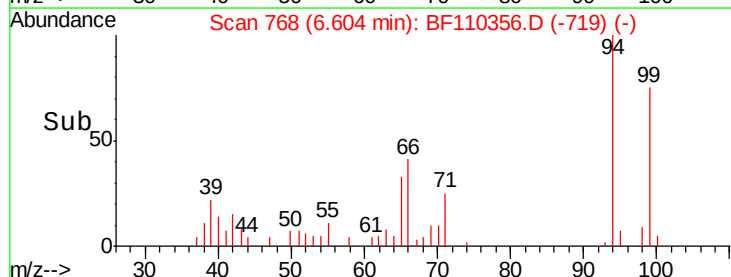
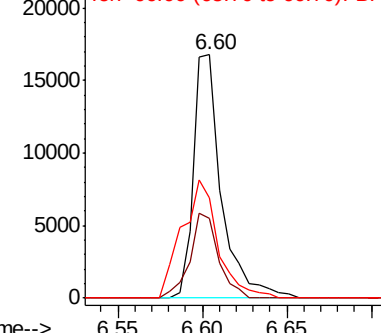


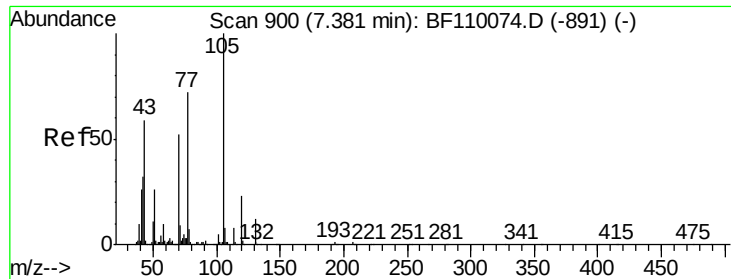
Abundance

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

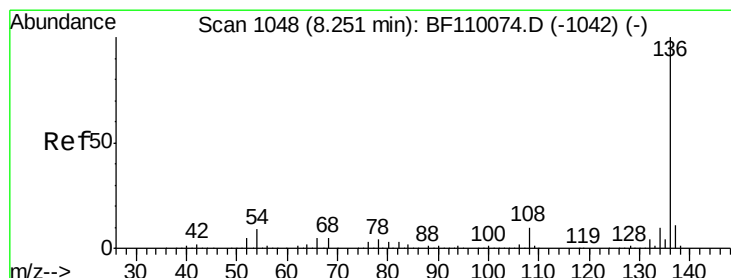
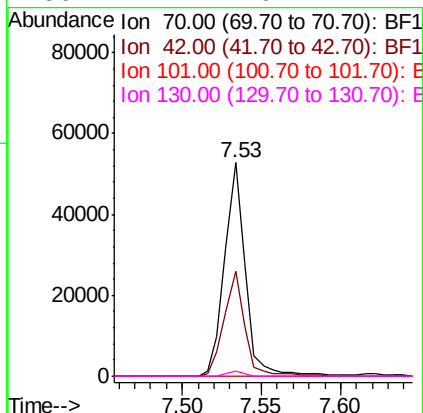
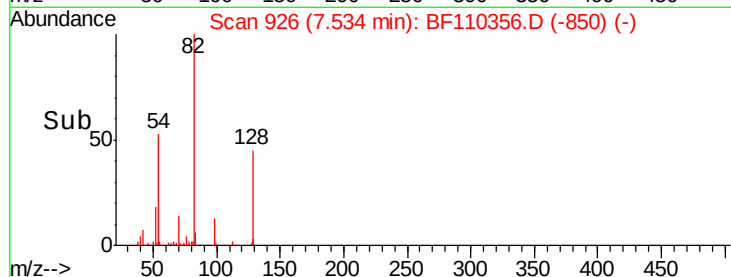
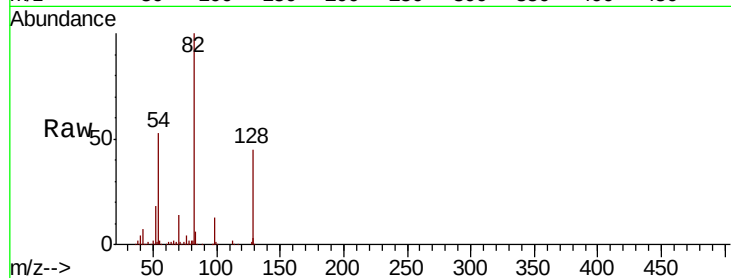




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.734 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.15 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

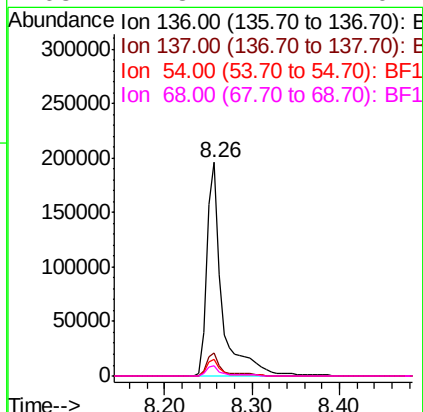
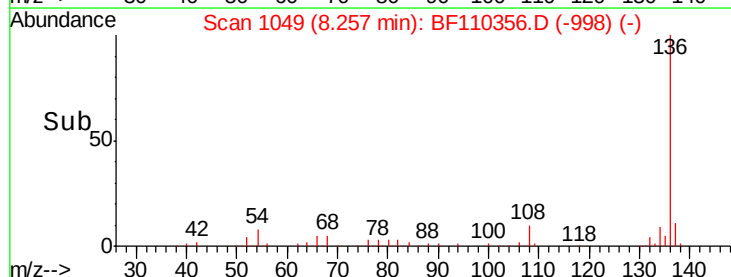
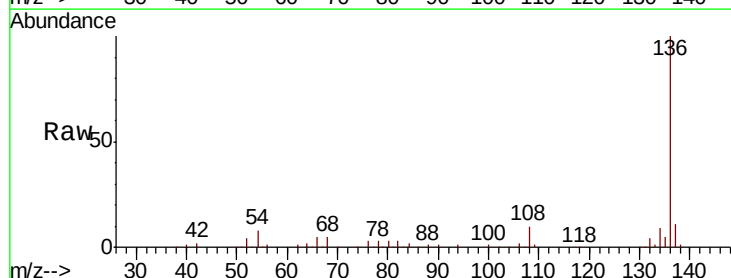
Instrument :
 BNA_F
 ClientSampleId :

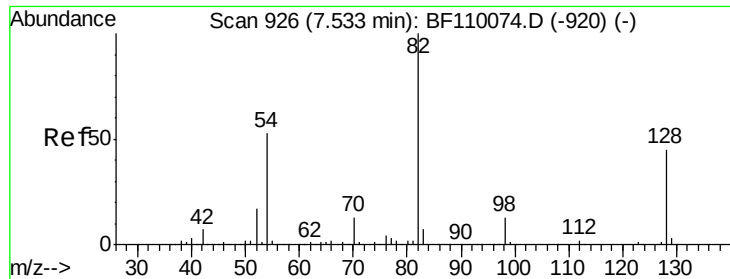
Tot Ion: 70 Resp: 48525
 Ion Ratio Lower Upper
 70 100
 42 49.3 47.4 71.2
 101 0.0 7.3 10.9#
 130 2.2 16.2 24.2#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion: 136 Resp: 238078
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.8 13.2
 54 7.7 5.4 8.2
 68 4.8 4.2 6.2

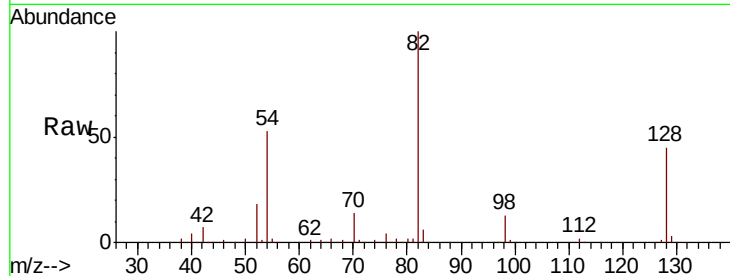




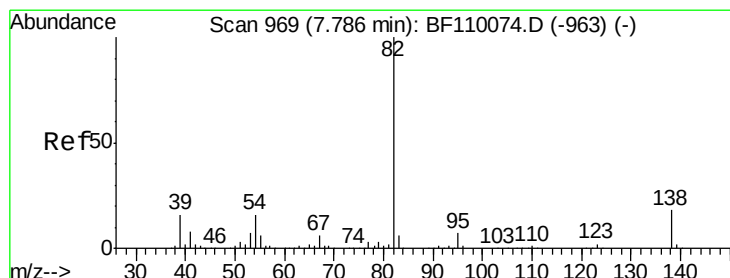
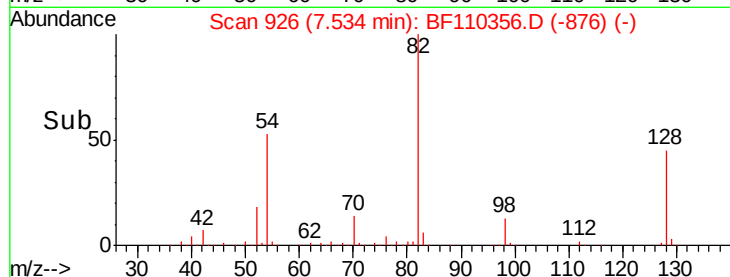
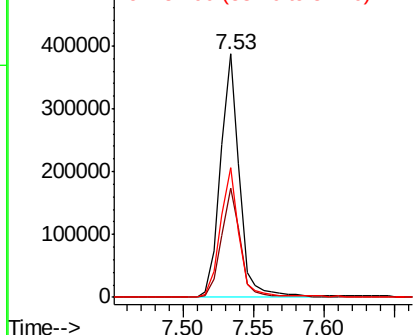
#23
 Nitrobenzene-d5
 Concen: 91.055 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	365485
Ion Ratio	Lower	Upper	
82	100		
128	44.9	34.2	51.2
54	53.2	38.6	58.0

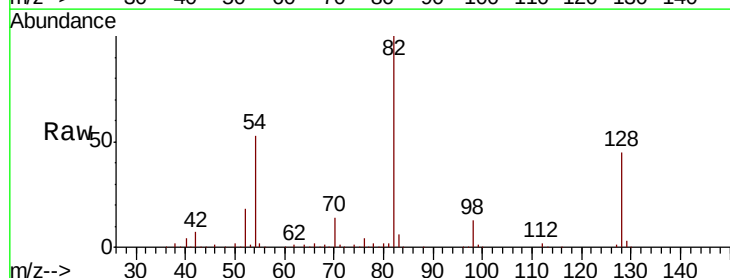


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

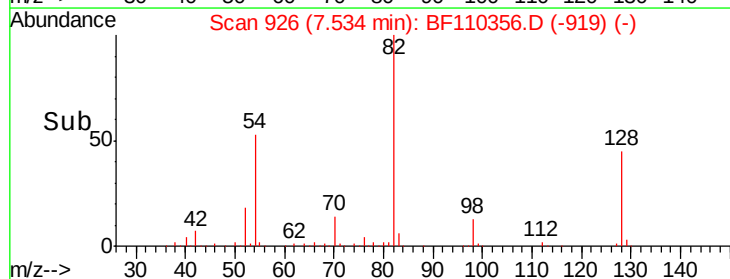
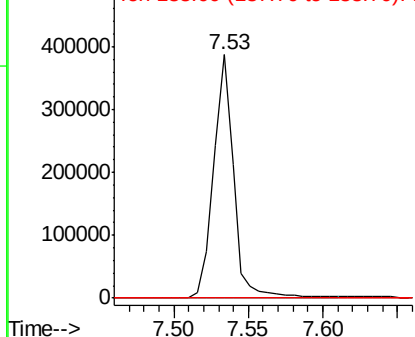


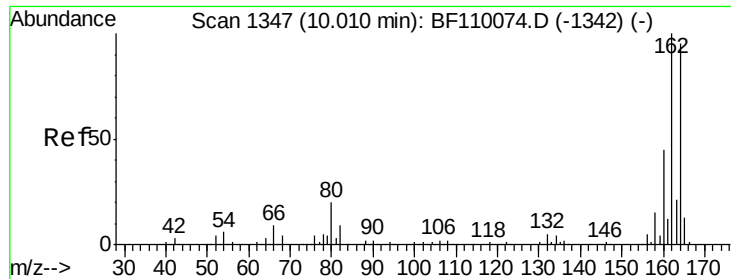
#25
 Isophorone
 Concen: 53.416 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion	82	Resp	365482
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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

Instrument :

BNA_F

ClientSampleId :

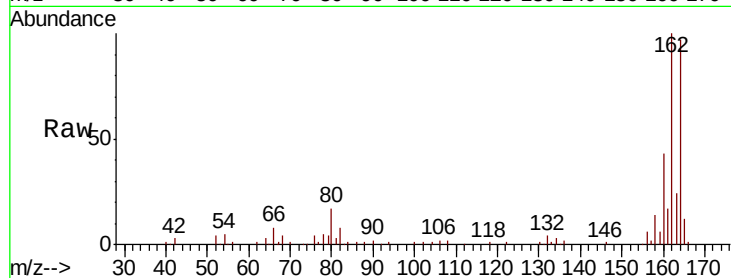
Tot Ion:164 Resp: 94459

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.6

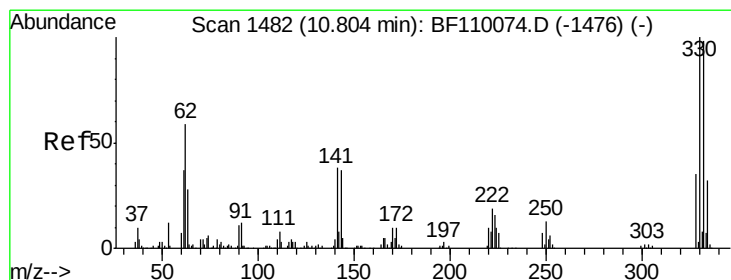
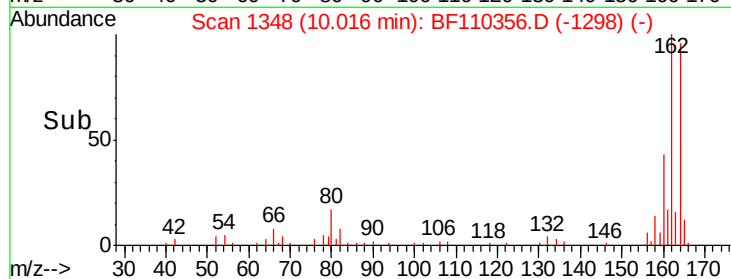
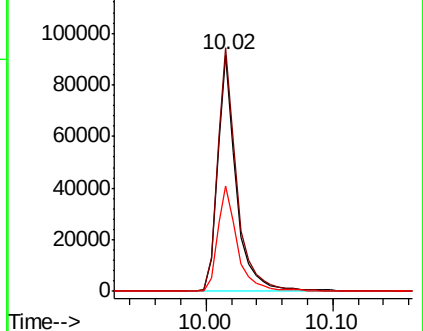
160 44.4 37.0 55.6



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: 73.154 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

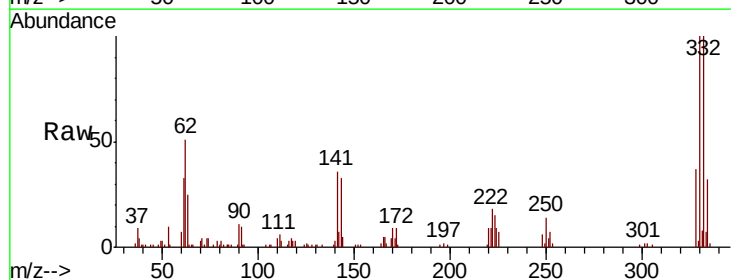
Tgt Ion:330 Resp: 68449

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

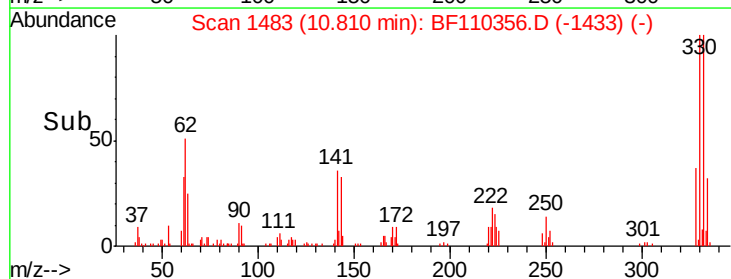
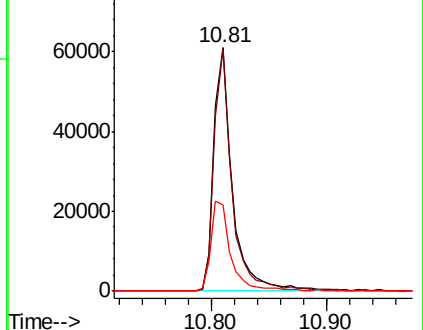
141 39.0 27.0 40.4

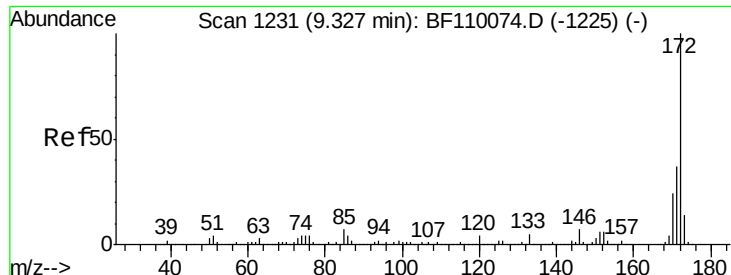


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

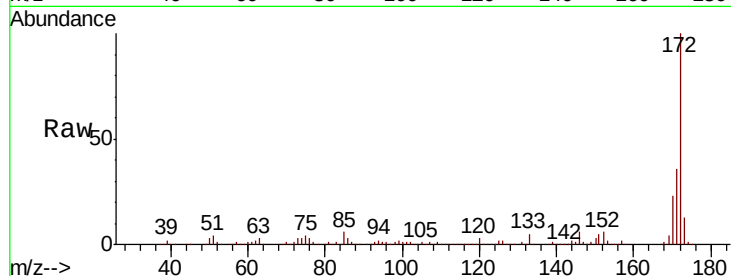




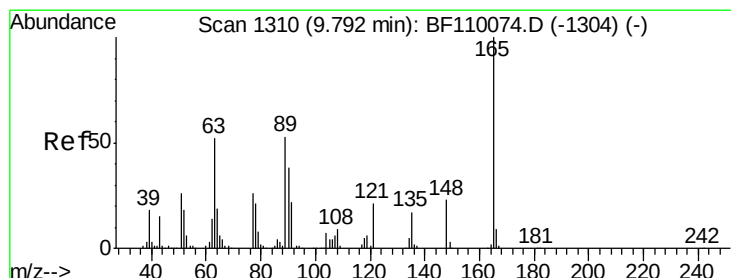
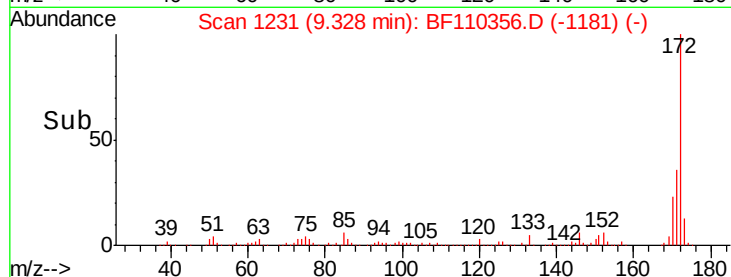
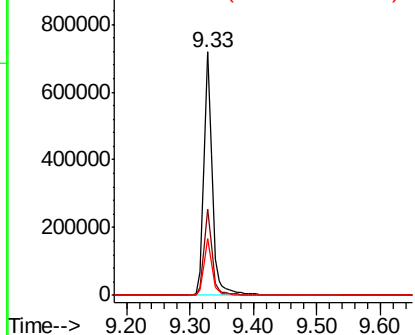
#45
 2-Fluorobiphenyl
 Concen: 110.161 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:172 Resp: 662674
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.2 19.7 29.5

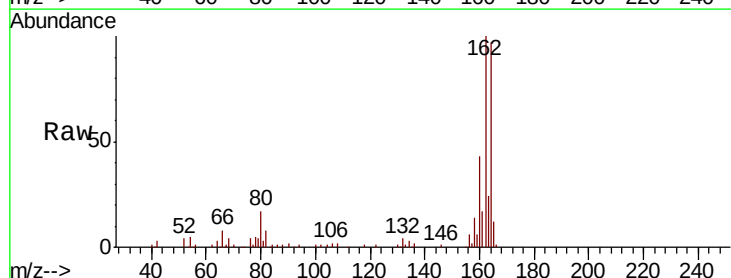


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

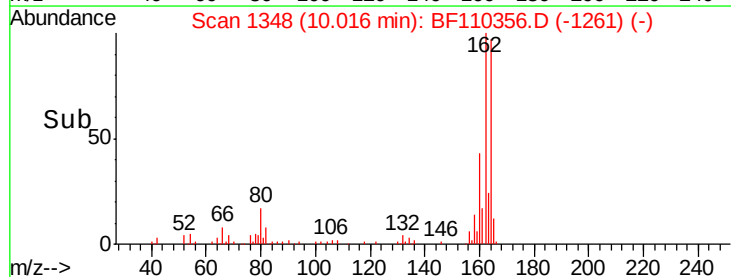
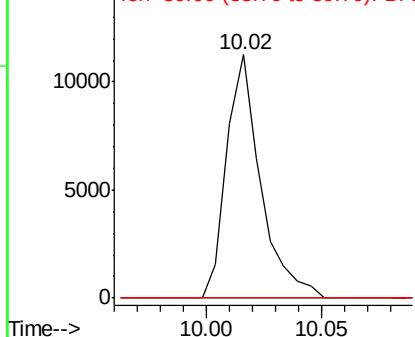


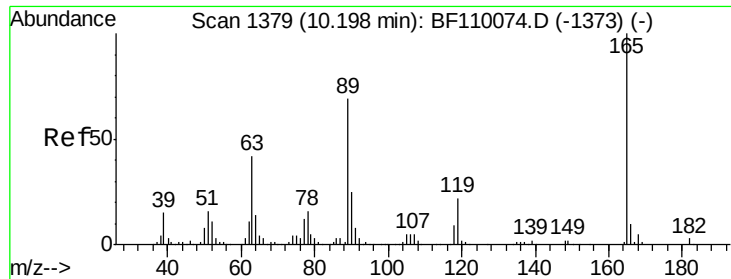
#51
 2,6-Dinitrotoluene
 Concen: 7.718 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion:165 Resp: 11592
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

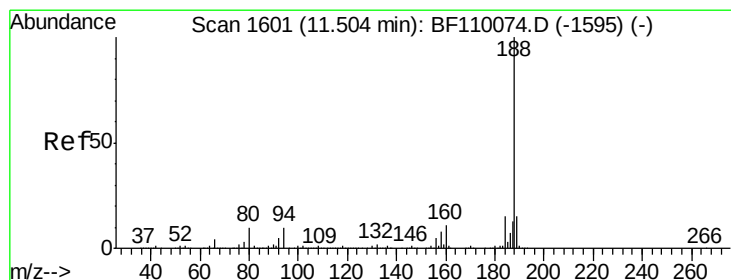
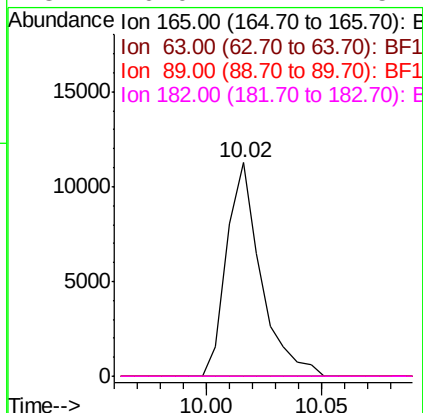
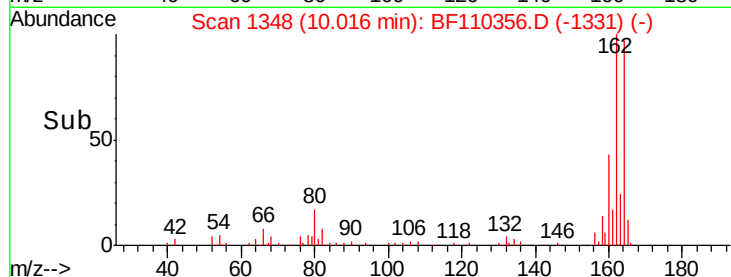
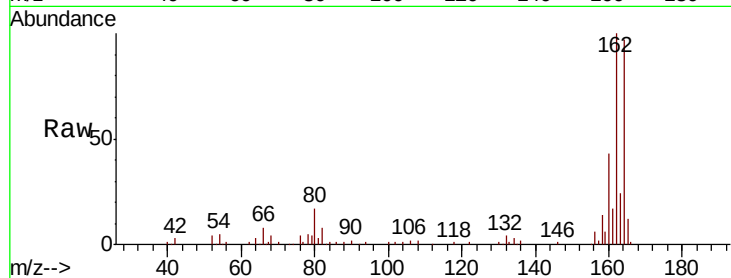




#57
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.20 min
Lab File: BF110356.D
Acq: 1 Nov 2018 2:51

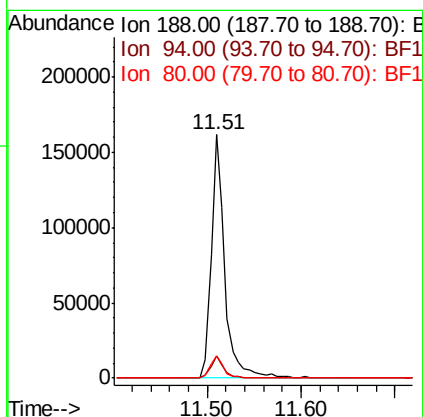
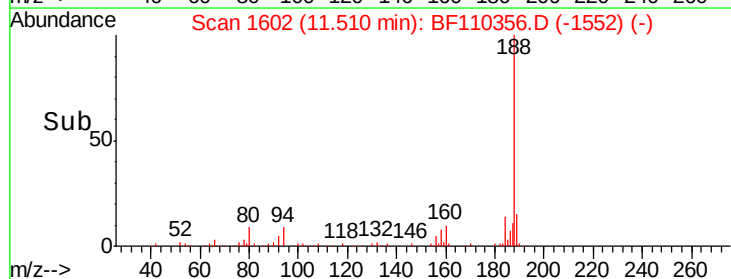
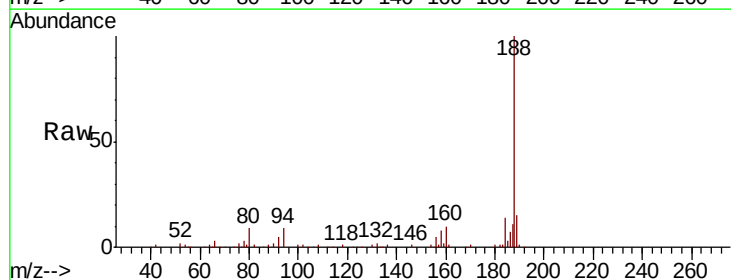
Instrument :
BNA_F
ClientSampleId :

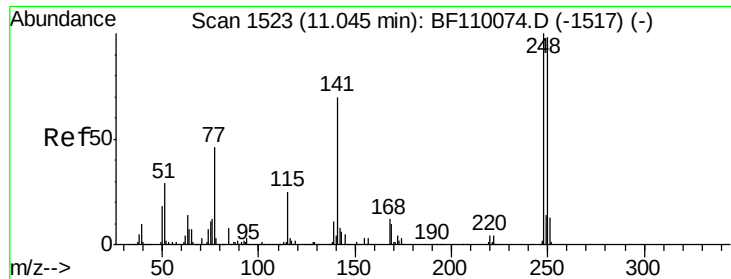
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110356.D
Acq: 1 Nov 2018 2:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.3	7.9	11.9

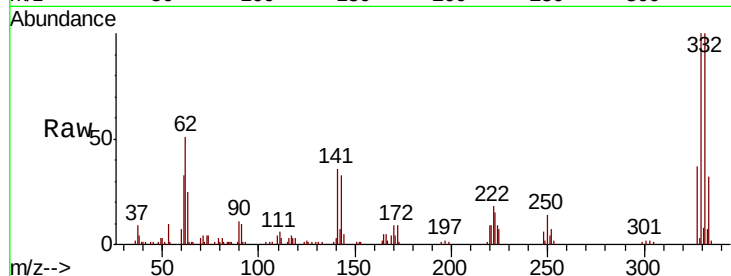




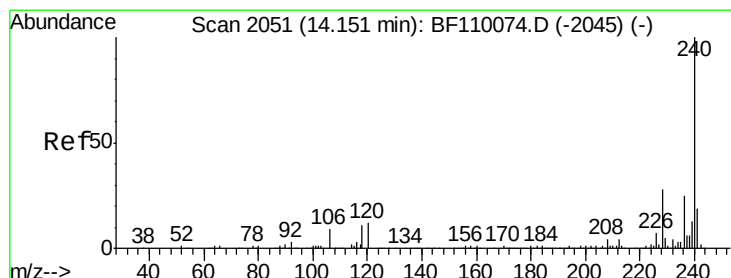
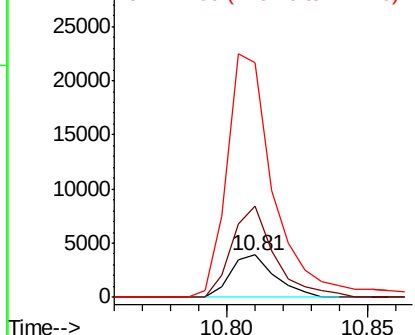
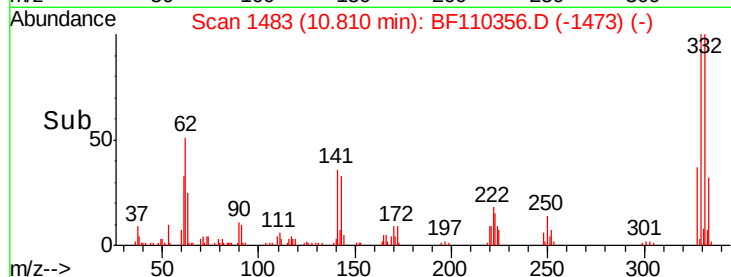
#67
 4-Bromophenyl-phenylether
 Concen: 2.436 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 4347
 Ion Ratio Lower Upper
 248 100
 250 215.3 79.4 119.2#
 141 551.0 55.9 83.9#

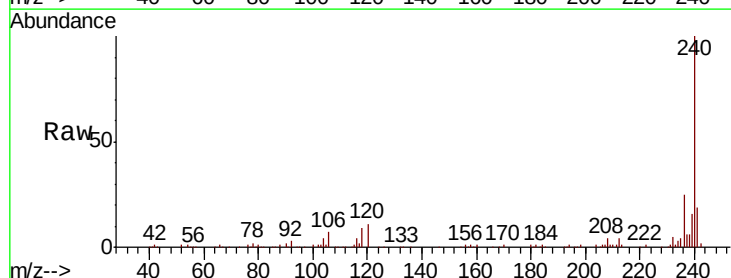


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

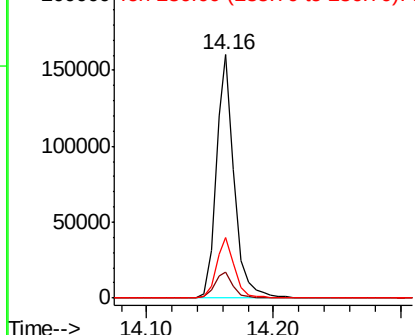
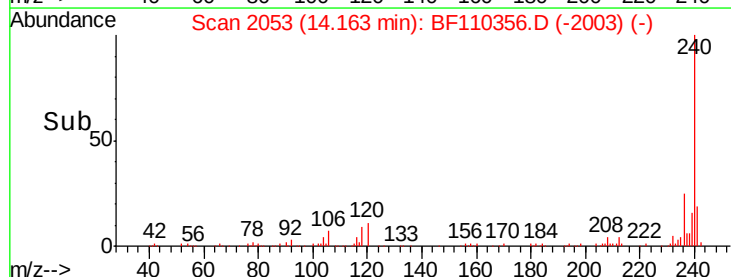


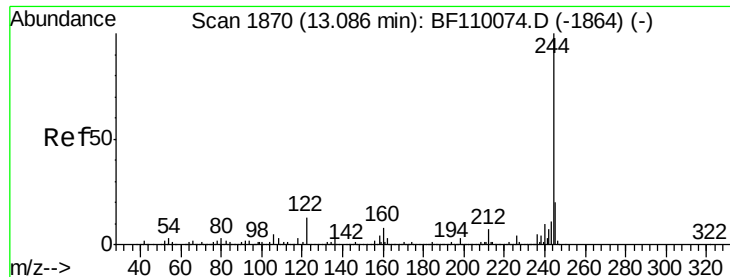
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion:240 Resp: 158878
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.0 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

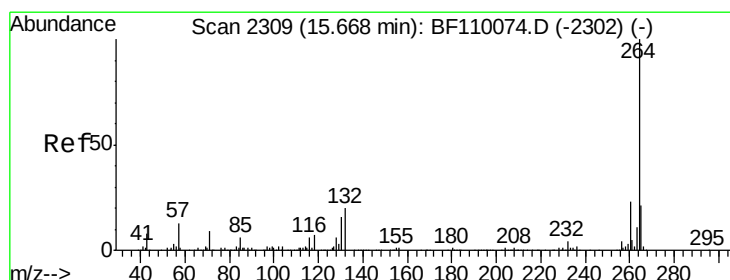
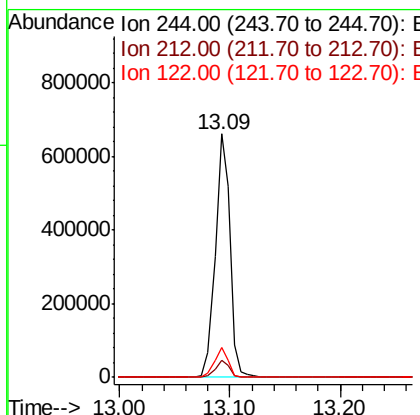
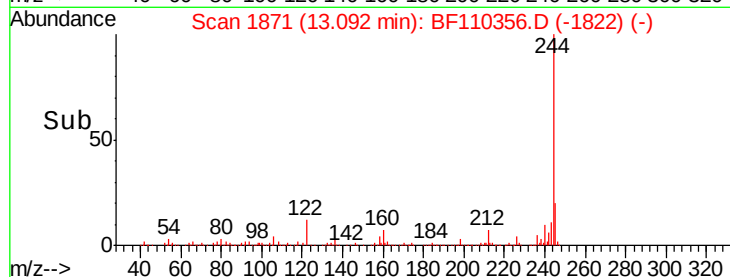
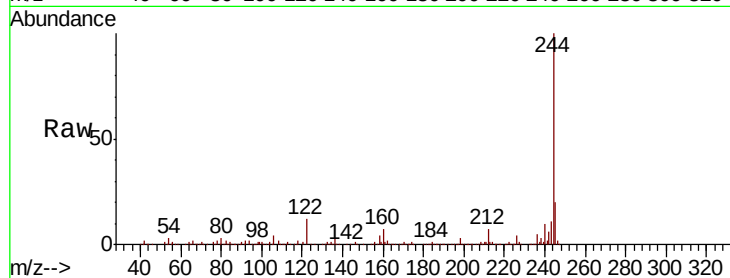




#79
 Terphenyl-d14
 Concen: 78.716 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.3	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.2	16.7	25.1

