

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110274.D
 Acq On : 29 Oct 2018 20:51
 Operator : JU/SJ
 Sample : J5665-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:04:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

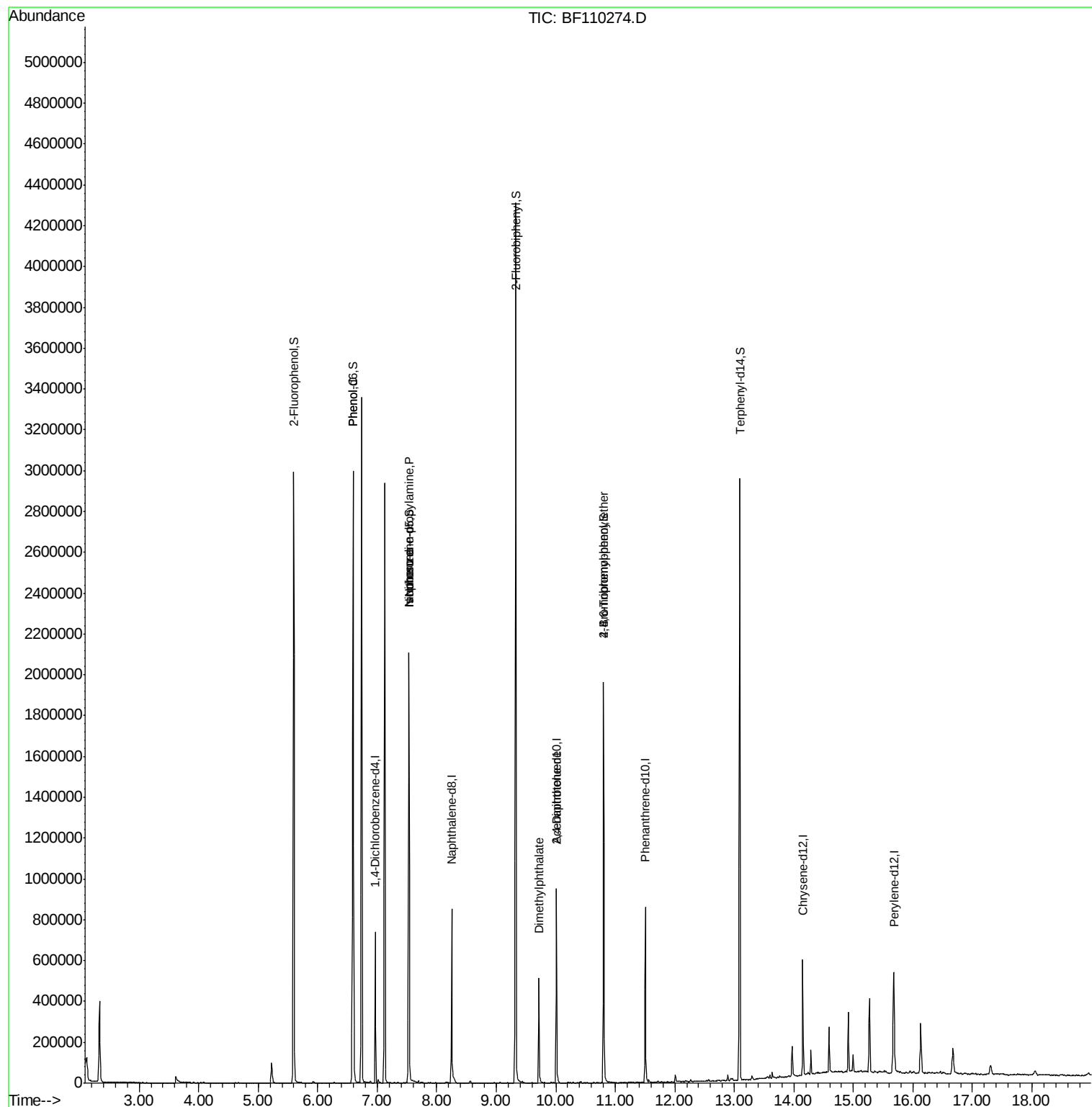
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98426	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	403942	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	184320	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	308031	20.00	ng	0.00
76) Chrysene-d12	14.15	240	196029	20.00	ng	0.00
87) Perylene-d12	15.69	264	162601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	908935	150.38	ng	0.01
7) Phenol-d6	6.60	99	1147820	148.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	721460	105.94	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	228664	125.24	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1325582	112.93	ng	0.00
79) Terphenyl-d14	13.09	244	964293	102.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	2447	Below Cal		Qvalue
10) Phenol	6.60	94	74137	8.971 ng	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	98420	19.844 ng	#	81
25) Isophorone	7.53	82	721449	62.146 ng	#	78
50) Dimethylphthalate	9.72	163	215250	15.820 ng	#	67
57) 2,4-Dinitrotoluene	10.01	165	22618	6.076 ng	#	98
67) 4-Bromophenyl-phenylether	10.80	248	14308	4.282 ng	#	19
					#	1

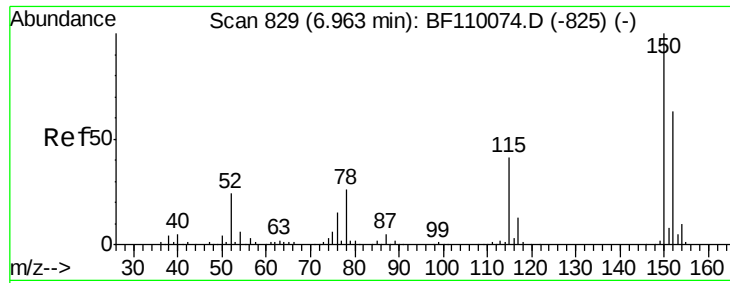
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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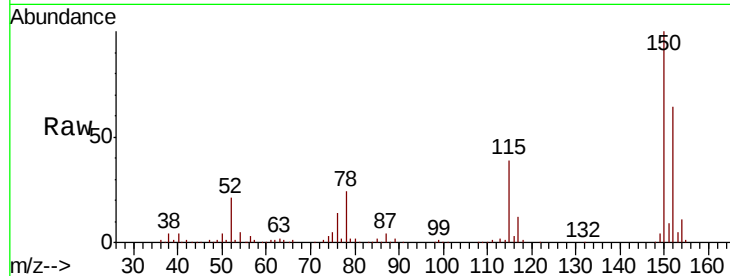


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	61.7	49.1	73.7

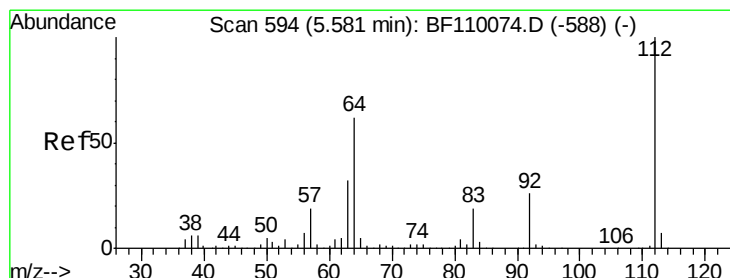
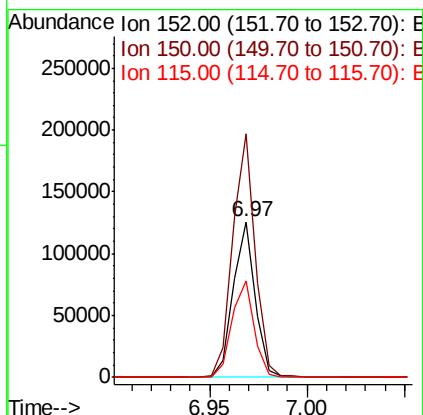
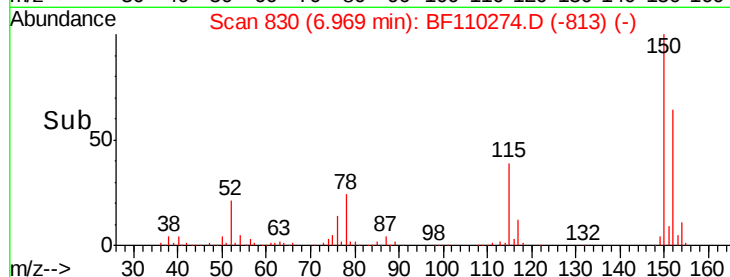


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

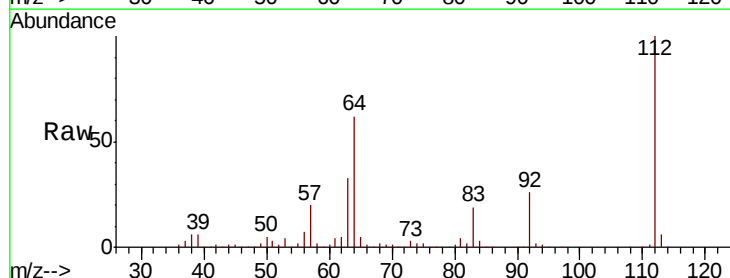
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.383 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	33.0	23.7	35.5

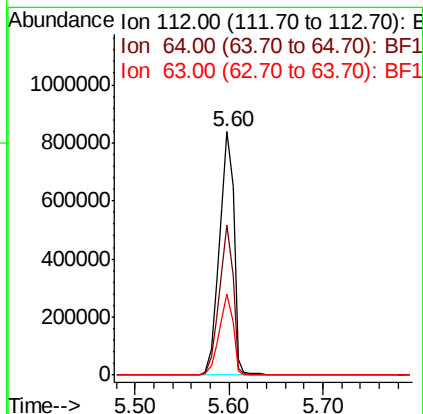
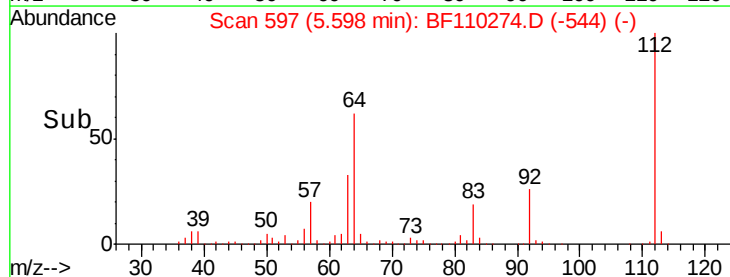


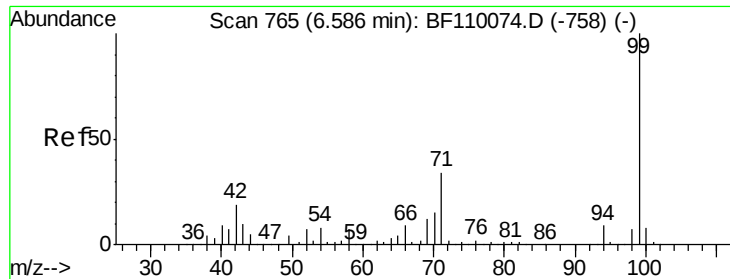
Abundance

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: 148.471 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

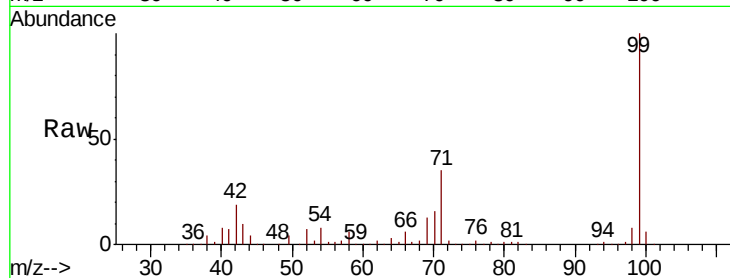
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1147820

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	35.4	28.0	42.0

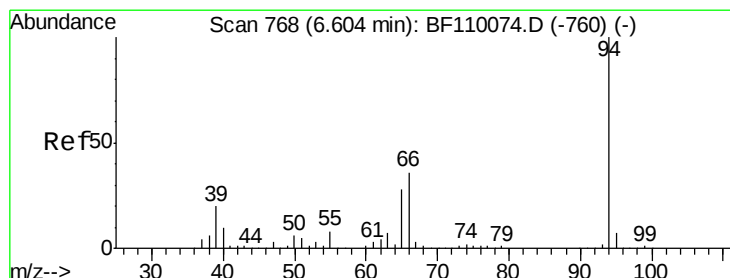
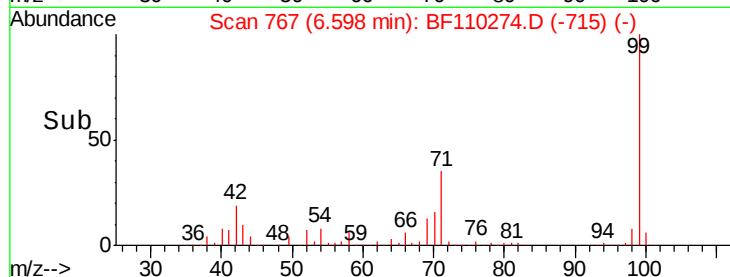


Abundance

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: 8.971 ng

RT: 6.60 min Scan# 768

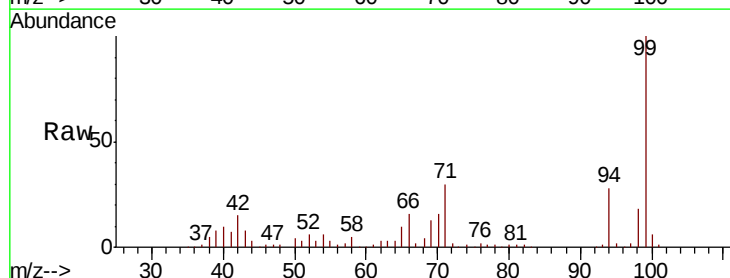
Delta R.T. -0.00 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

Tgt Ion: 94 Resp: 74137

Ion	Ratio	Lower	Upper
94	100		
65	34.7	25.3	65.3
66	57.4	54.5	94.5

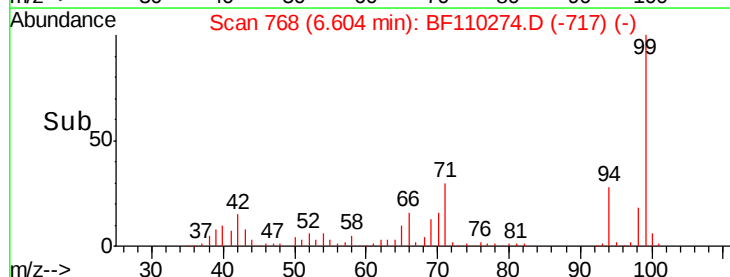


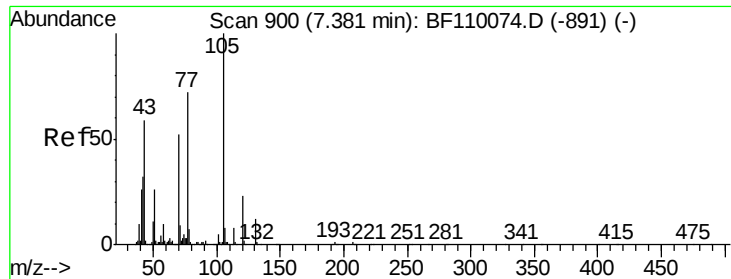
Abundance

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

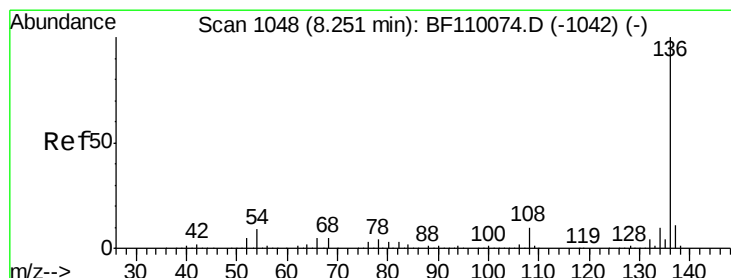
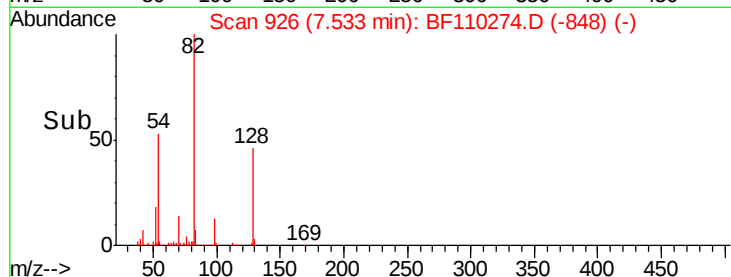
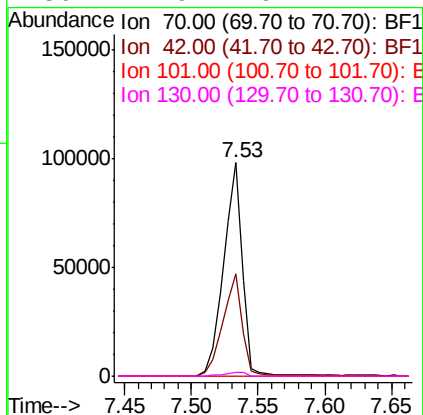
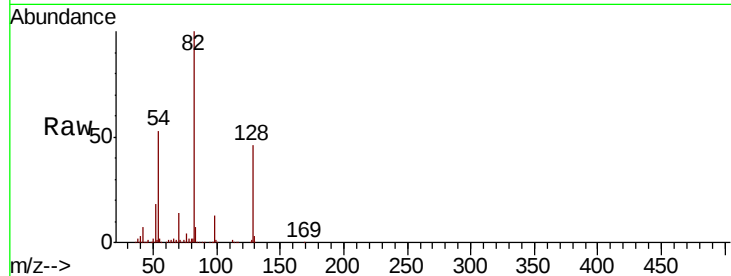




#19
n-Nitroso-di-n-propylamine
Concen: 19.844 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

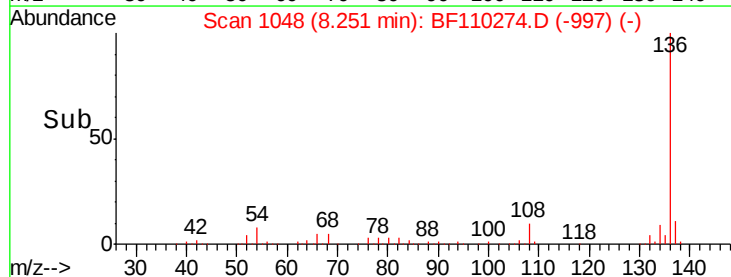
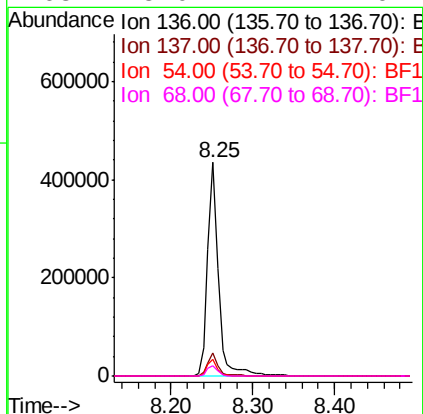
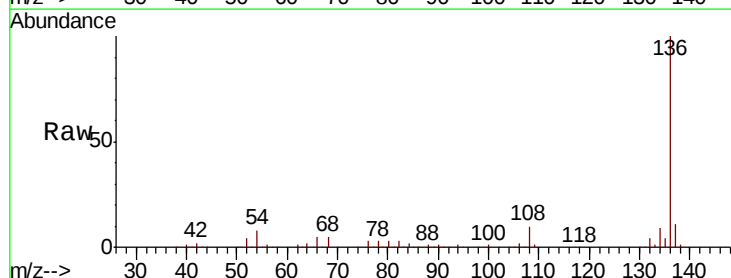
Instrument :
BNA_F
ClientSampled :

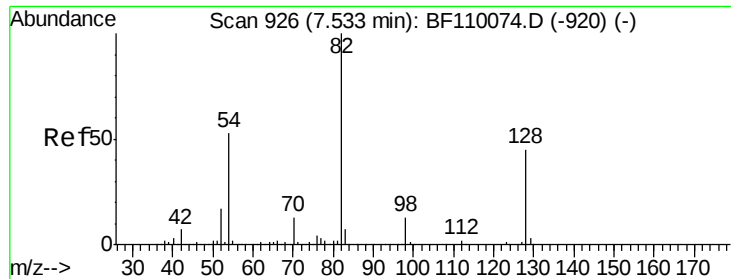
Tot Ion: 70 Resp: 98420
Ion Ratio Lower Upper
70 100
42 48.1 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Tgt Ion: 136 Resp: 403942
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 5.4 8.2
68 5.0 4.2 6.2

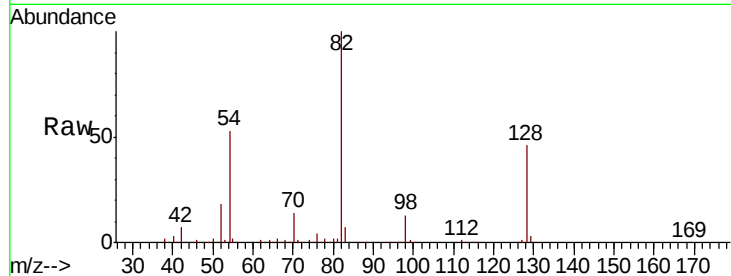




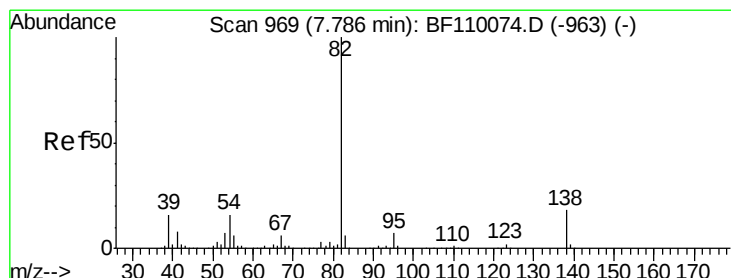
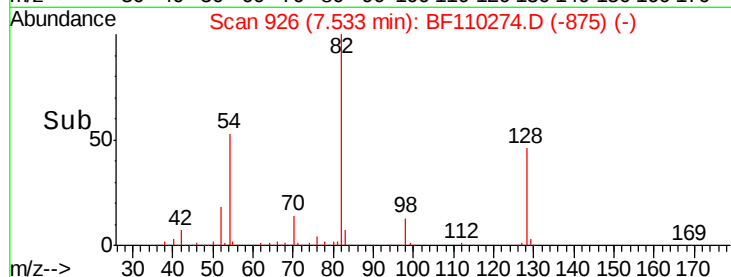
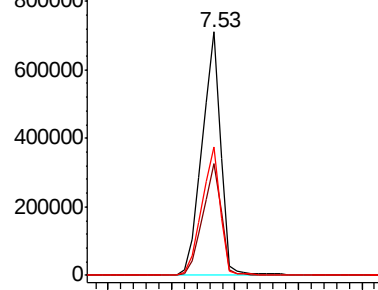
#23
 Nitrobenzene-d5
 Concen: 105.936 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF110274.D
 Acq: 29 Oct 2018 20:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82.00	Resp	721460
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.2	51.2
54	52.9	38.6	58.0

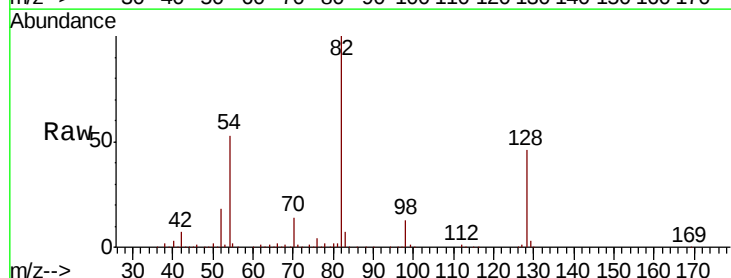


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

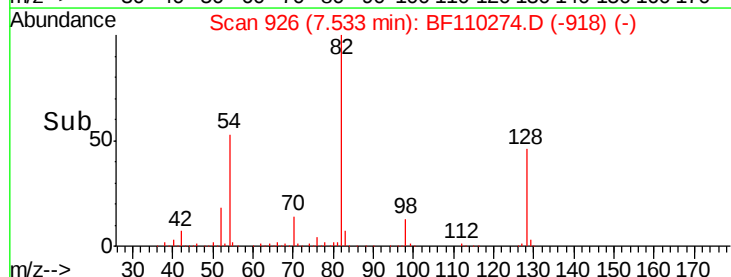
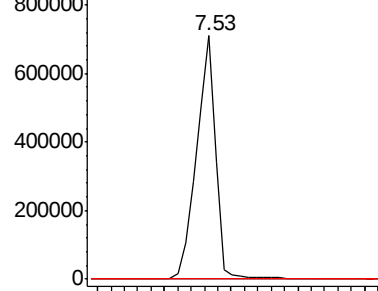


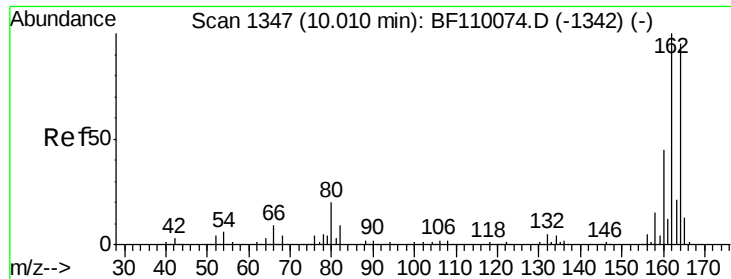
#25
 Isophorone
 Concen: 62.146 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF110274.D
 Acq: 29 Oct 2018 20:51

Tgt Ion	82.00	Resp	721449
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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

Instrument :

BNA_F

ClientSampleId :

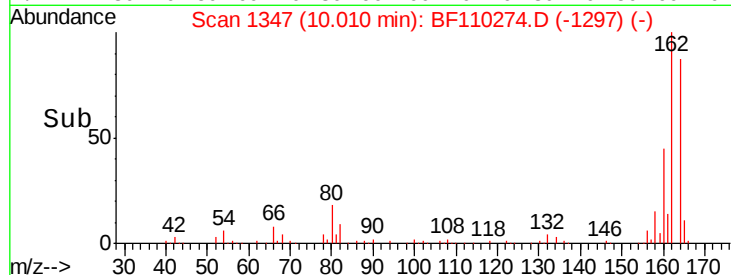
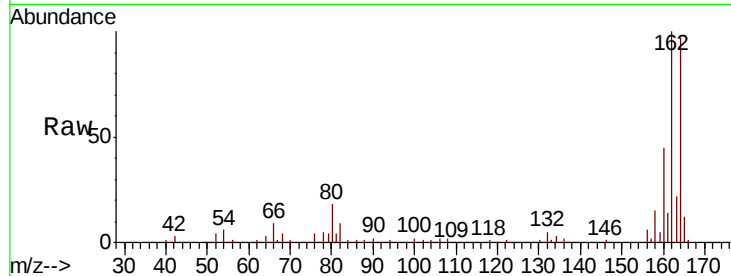
Tot Ion:164 Resp: 184320

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.6

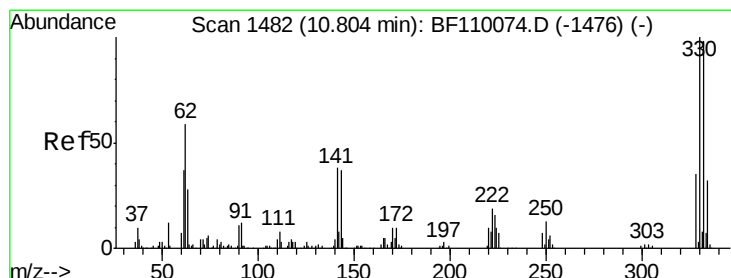
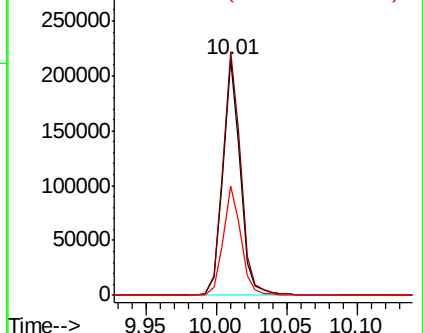
160 46.3 37.0 55.6



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: 125.240 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110274.D

Acq: 29 Oct 2018 20:51

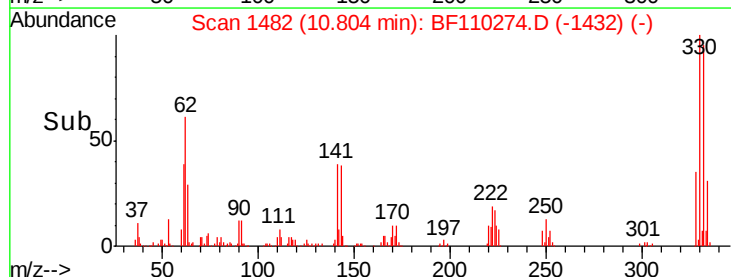
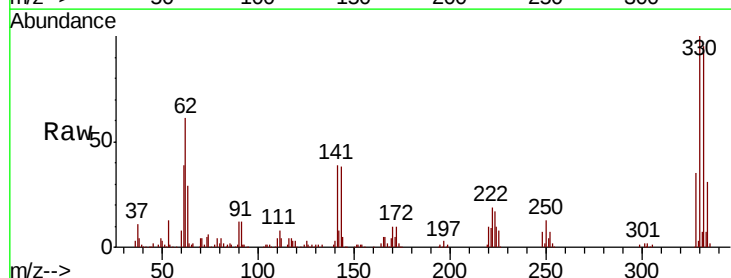
Tgt Ion:330 Resp: 228664

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

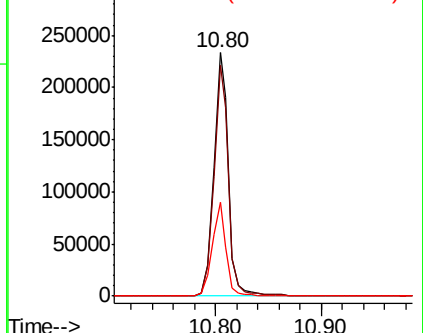
141 36.5 27.0 40.4

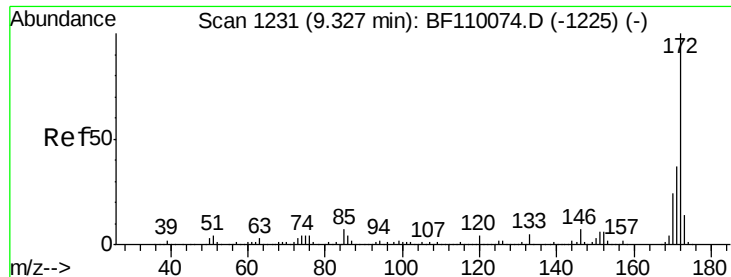


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

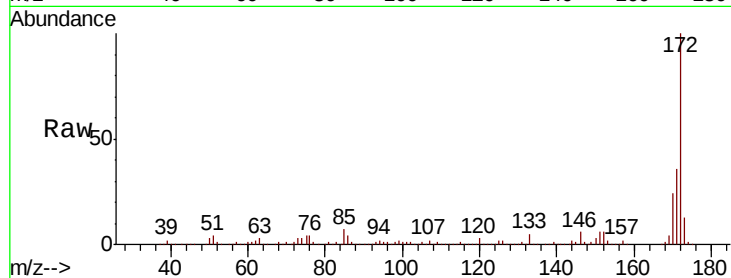




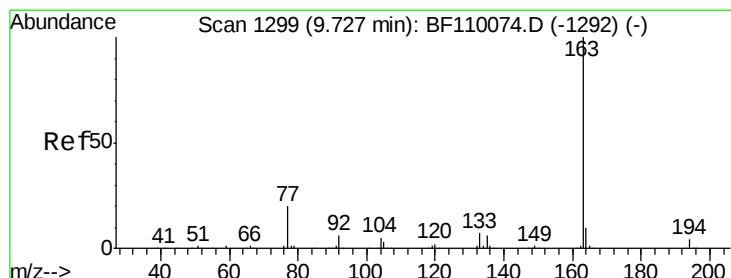
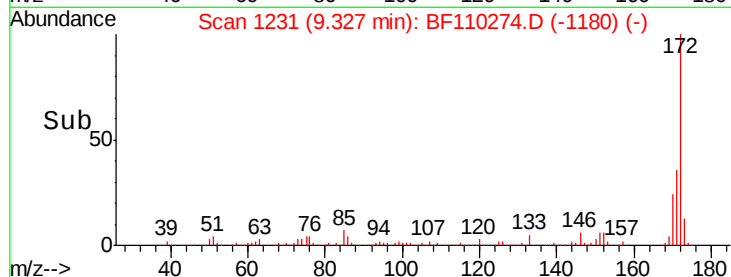
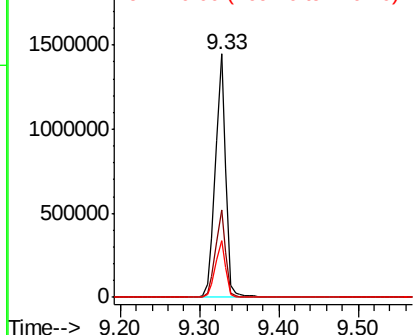
#45
2-Fluorobiphenyl
Concen: 112.929 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1325582
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 19.7 29.5

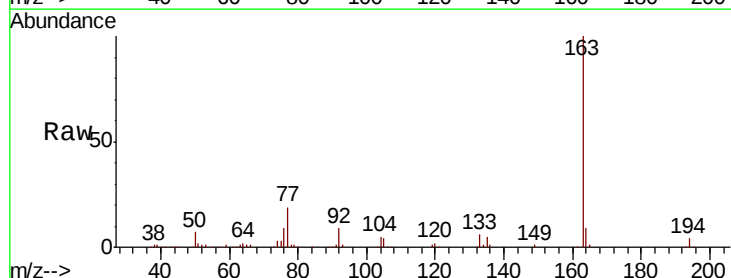


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

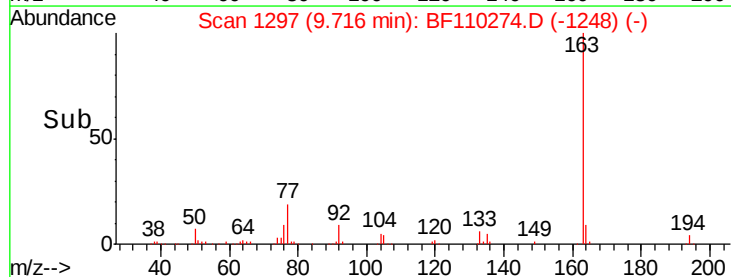
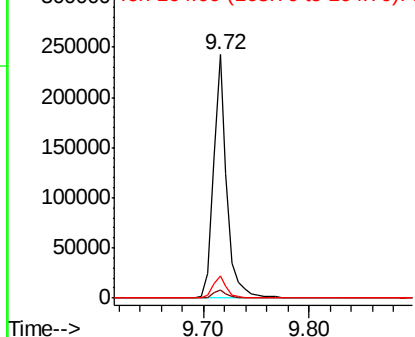


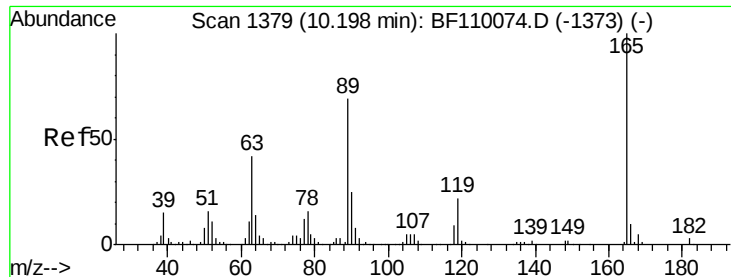
#50
Dimethylphthalate
Concen: 15.820 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Tgt Ion:163 Resp: 215250
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.4 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

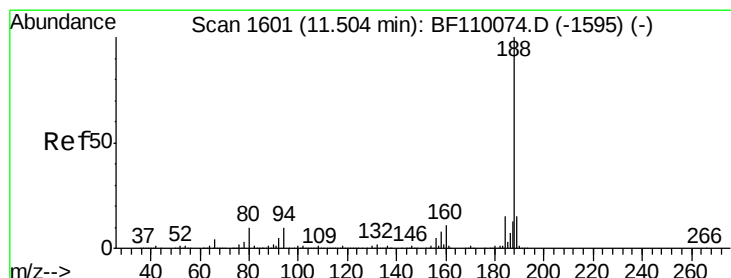
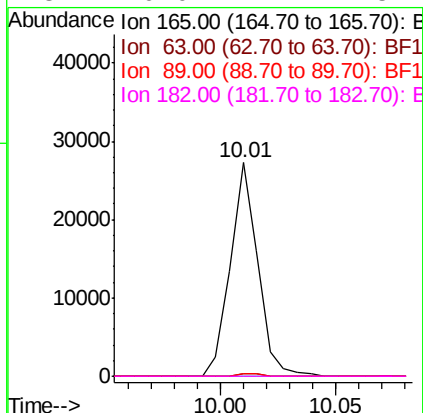
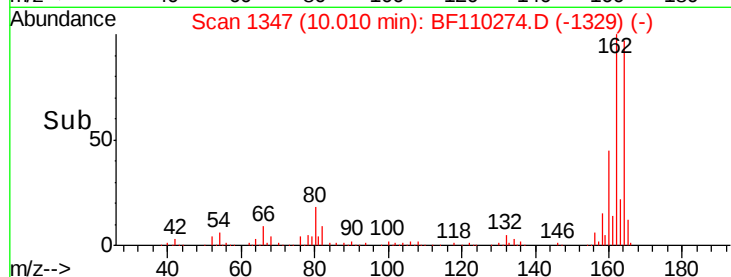
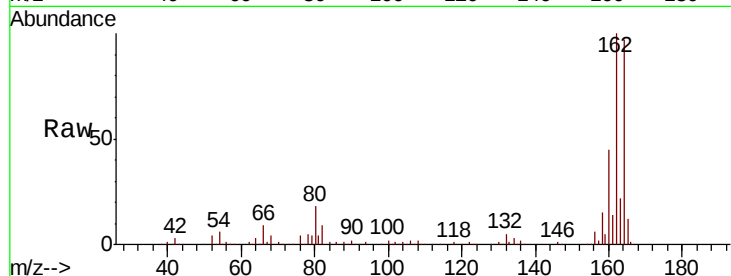




#57
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

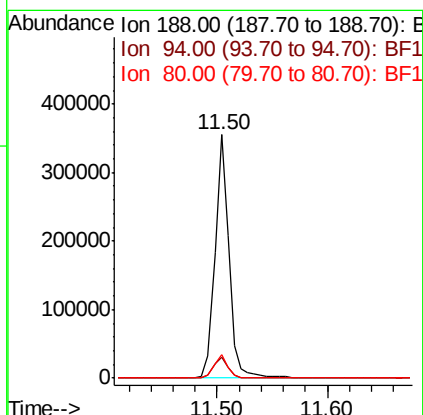
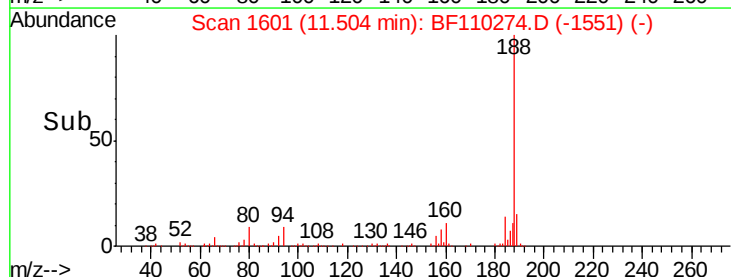
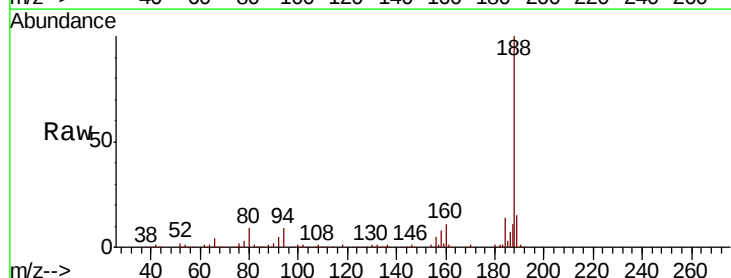
Instrument :
BNA_F
ClientSampleId :

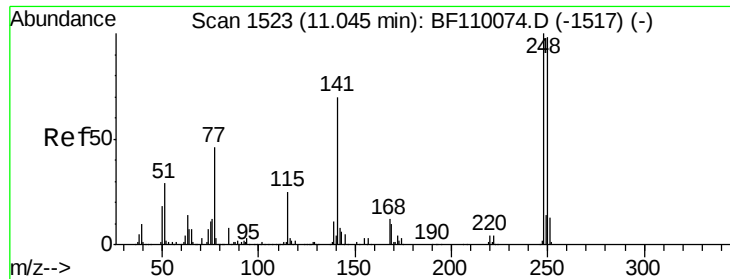
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110274.D
Acq: 29 Oct 2018 20:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.4	7.9	11.9

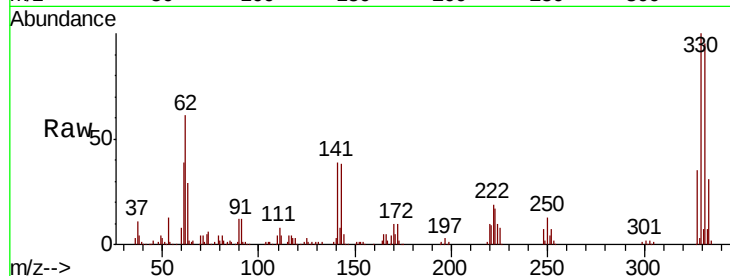




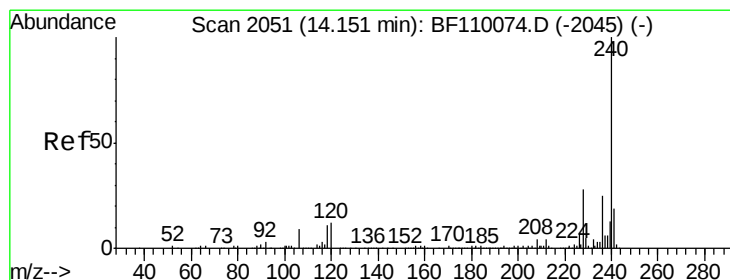
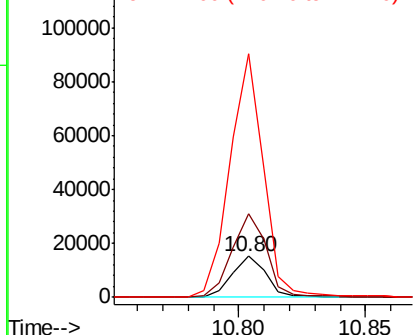
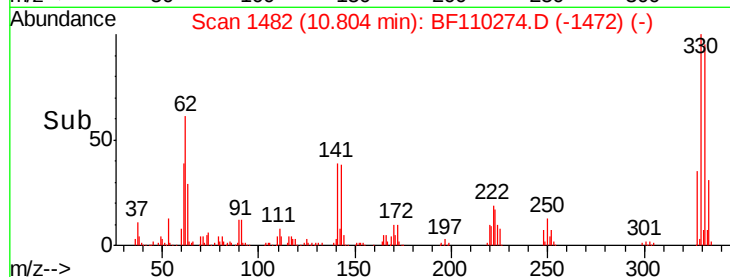
#67
 4-Bromophenyl-phenylether
 Concen: 4.282 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF110274.D
 Acq: 29 Oct 2018 20:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14308
 Ion Ratio Lower Upper
 248 100
 250 202.5 79.4 119.2#
 141 592.6 55.9 83.9#

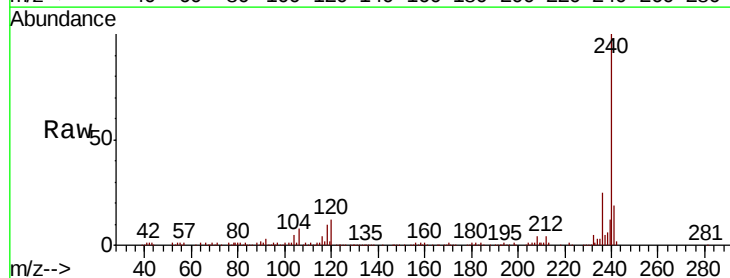


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

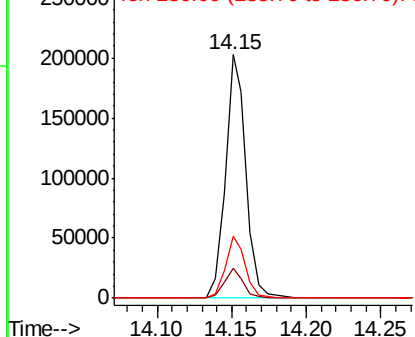
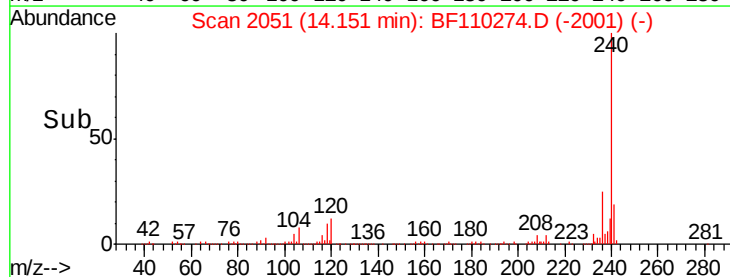


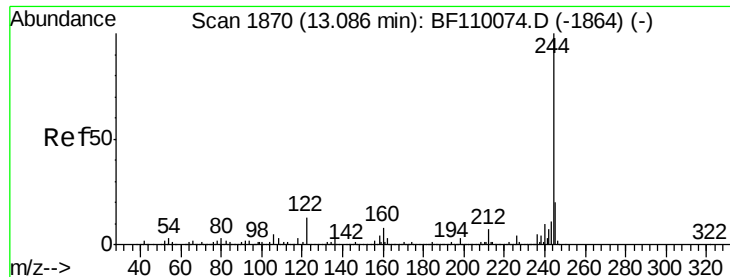
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110274.D
 Acq: 29 Oct 2018 20:51

Tgt Ion:240 Resp: 196029
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 25.3 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

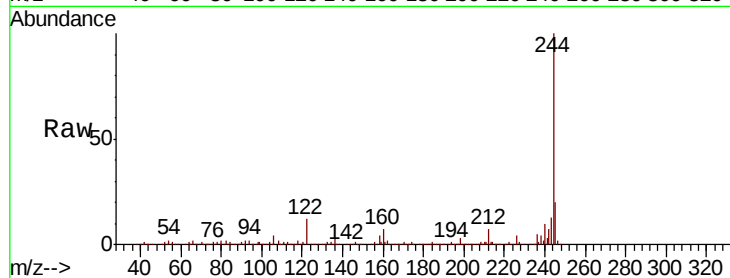




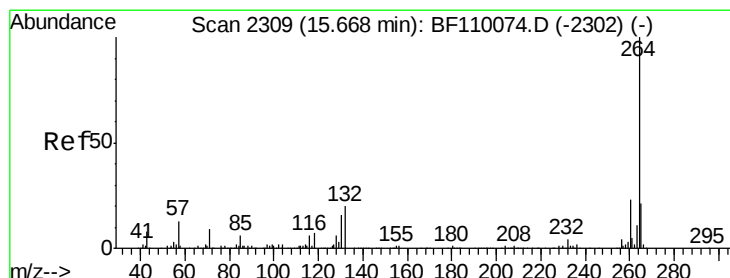
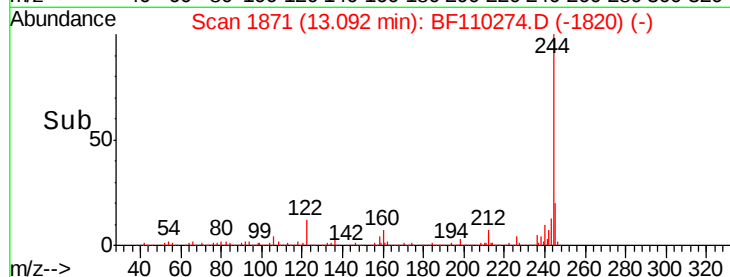
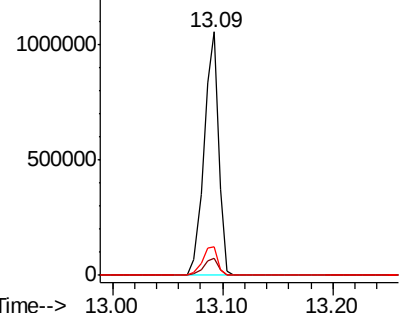
#79
 Terphenyl-d14
 Concen: 102.304 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF110274.D
 Acq: 29 Oct 2018 20:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 964293
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.7 8.7 13.1

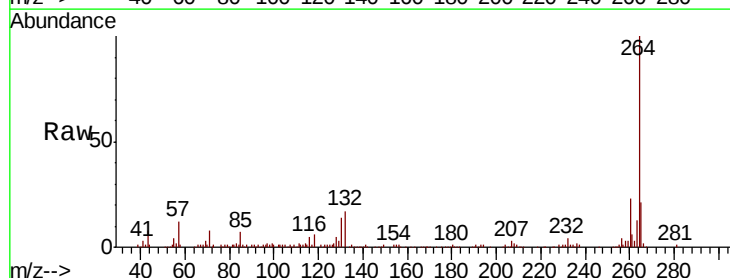


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BF110274.D
 Acq: 29 Oct 2018 20:51

Tgt Ion:264 Resp: 162601
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.7 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

