

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110148.D
 Acq On : 25 Oct 2018 7:21
 Operator : JU/SJ
 Sample : J5640-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:26:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

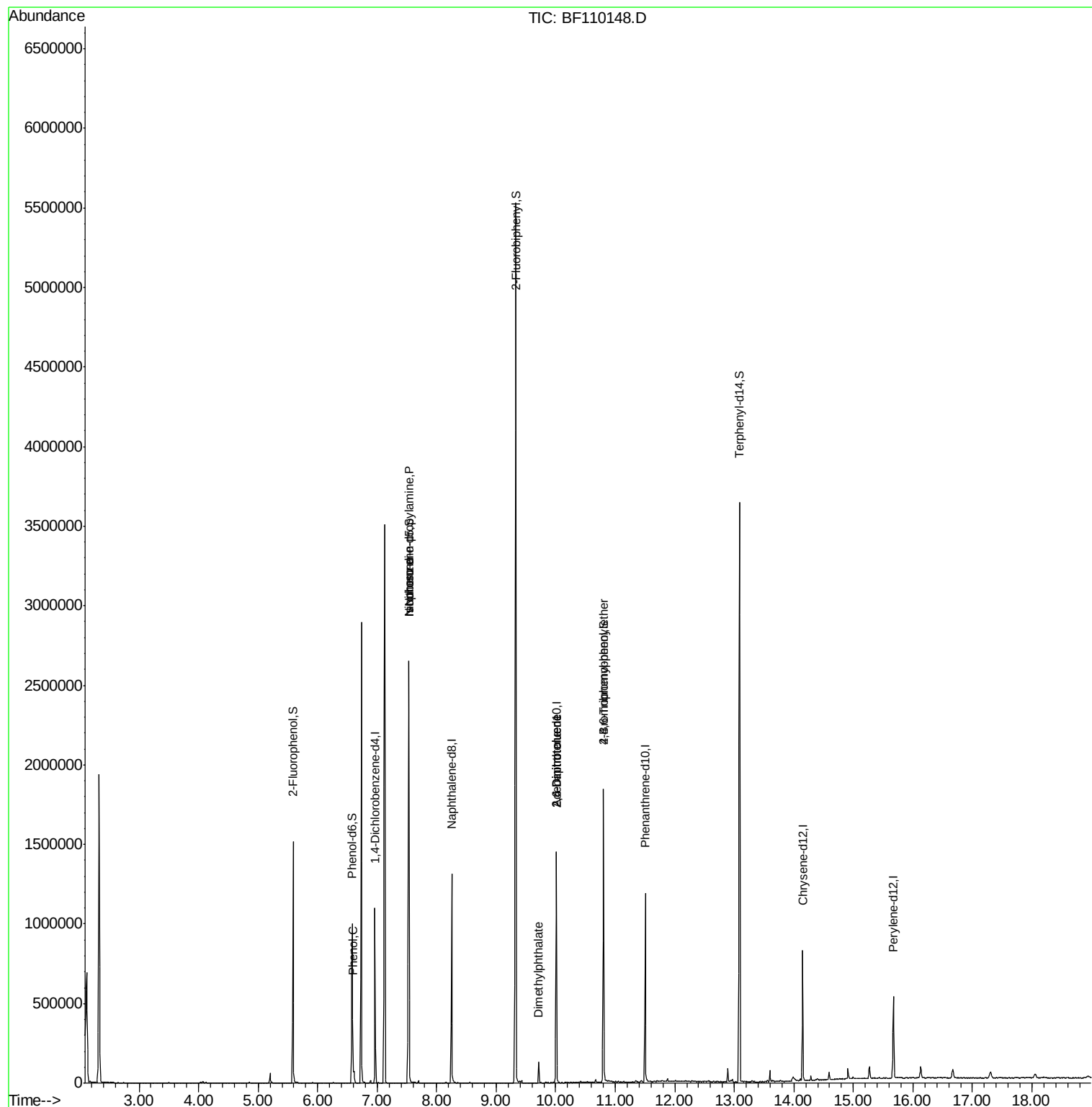
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	160153	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	612103	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	274027	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	450103	20.00	ng	0.00
76) Chrysene-d12	14.14	240	271395	20.00	ng	0.00
87) Perylene-d12	15.67	264	210312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	388893	39.54	ng	0.00
7) Phenol-d6	6.58	99	301865	24.00	ng	0.00
23) Nitrobenzene-d5	7.53	82	973435	94.33	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	219250	80.77	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1707340	97.84	ng	0.00
79) Terphenyl-d14	13.09	244	1257022	96.33	ng	0.00
Target Compounds						
10) Phenol	6.59	94	33008	2.455	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	129612	16.061	ng	# 80
25) Isophorone	7.53	82	968647	55.064	ng	# 67
50) Dimethylphthalate	9.72	163	57508	2.843	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	34689	7.961	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	34689	6.268	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	14039	2.875	ng	# 1

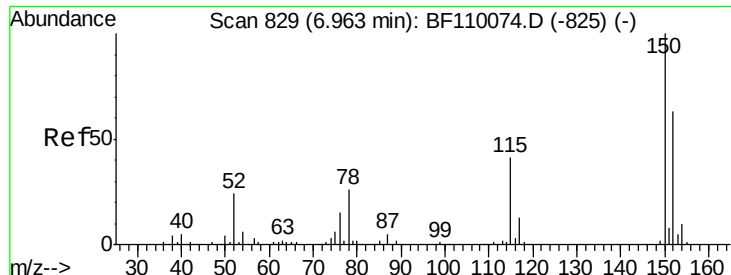
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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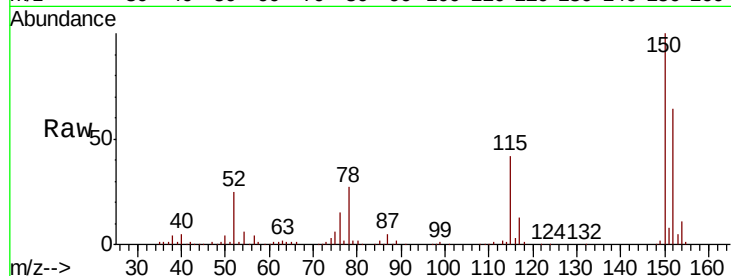


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	65.3	49.1	73.7

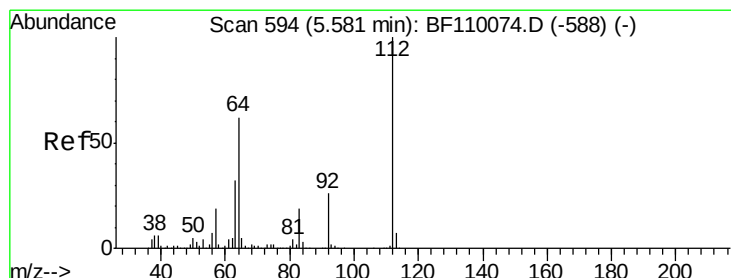
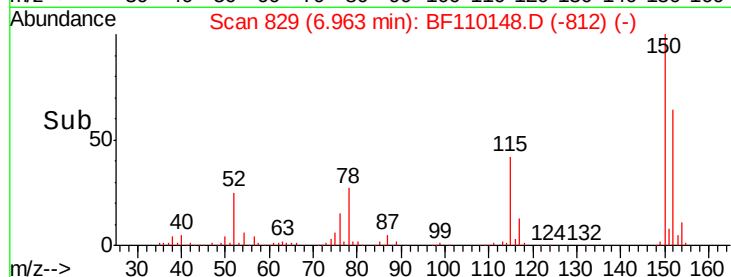
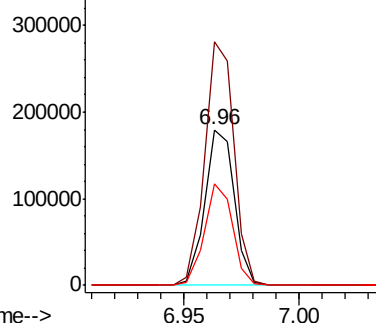


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

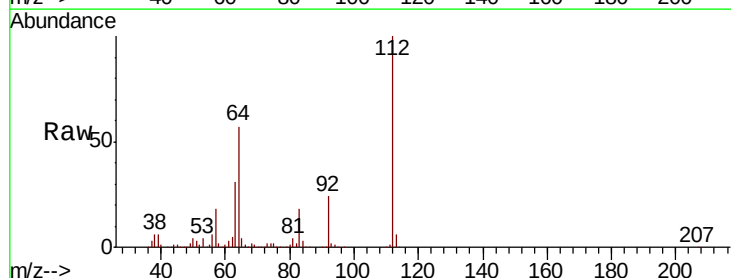
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.543 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.1	66.1
63	30.7	23.7	35.5

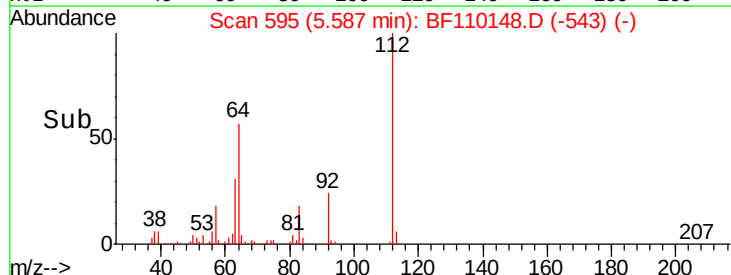
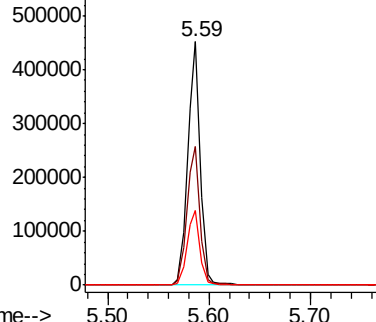


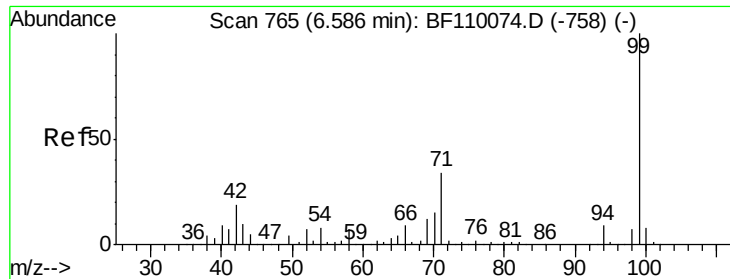
Abundance

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: 23.997 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

Instrument :

BNA_F

ClientSampled :

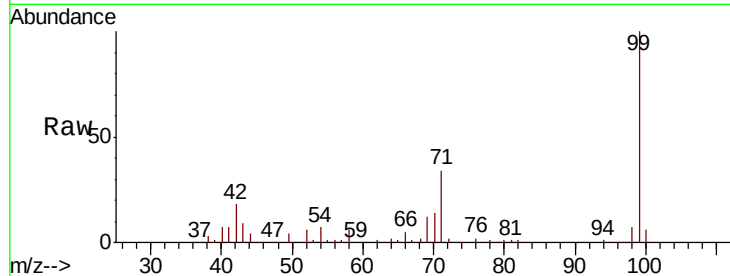
Tot Ion: 99 Resp: 301865

Ion Ratio Lower Upper

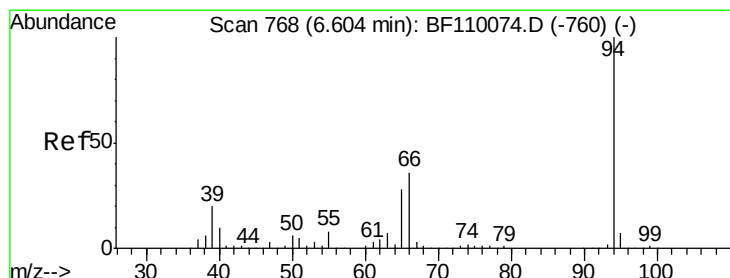
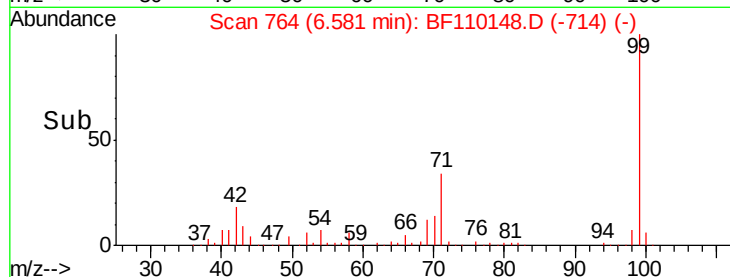
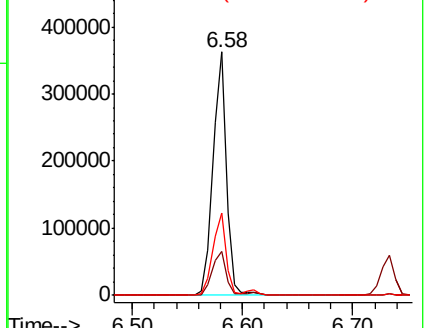
99 100

42 18.1 15.8 23.6

71 33.6 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: 2.455 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

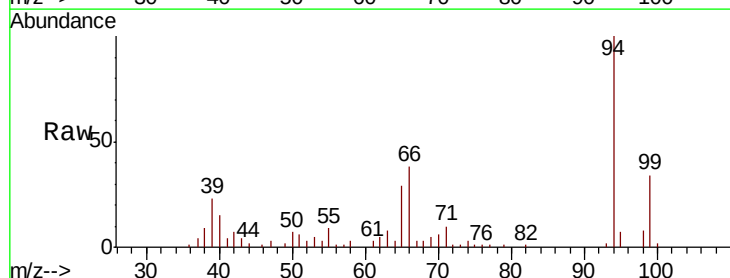
Tgt Ion: 94 Resp: 33008

Ion Ratio Lower Upper

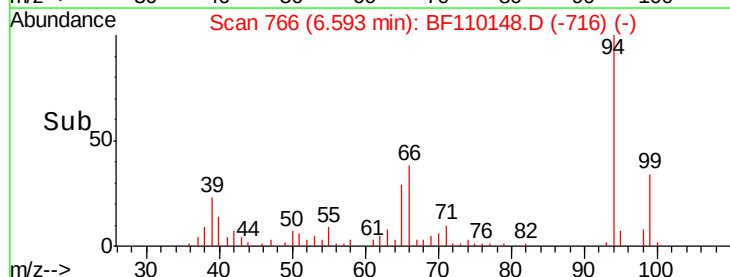
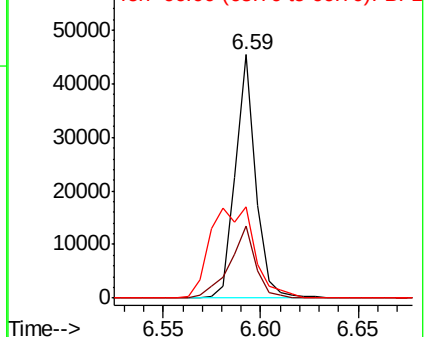
94 100

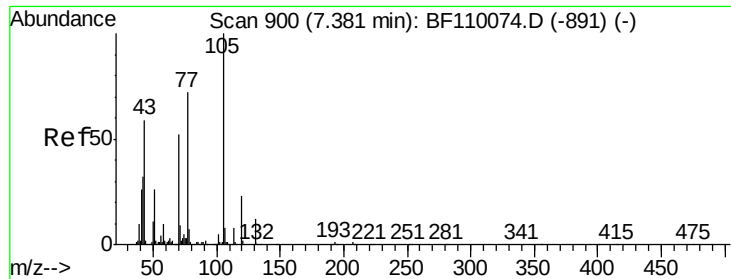
65 29.4 25.3 65.3

66 37.5 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

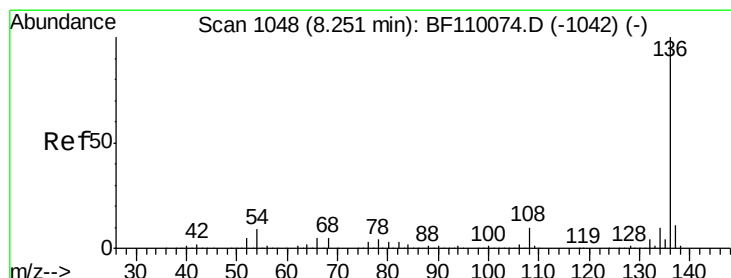
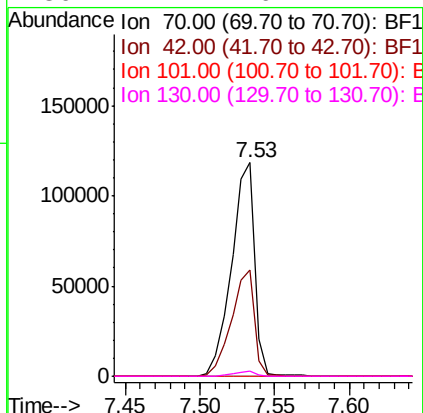
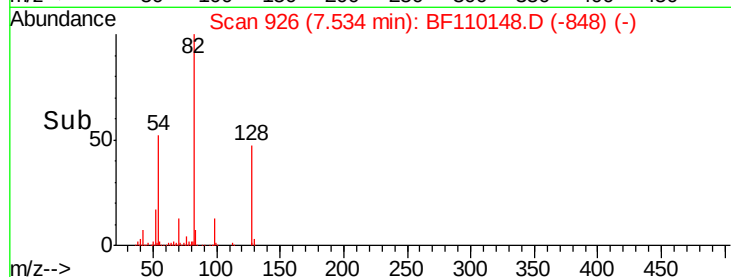
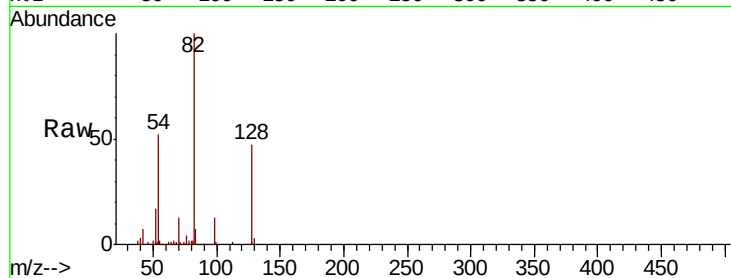




#19
n-Nitroso-di-n-propylamine
Concen: 16.061 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

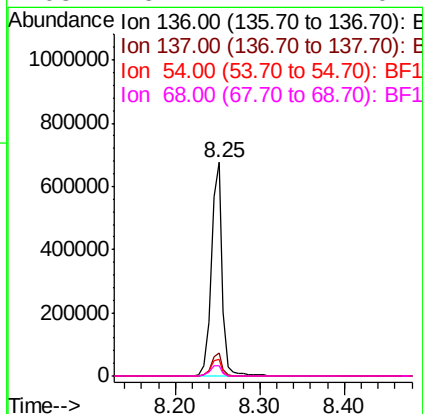
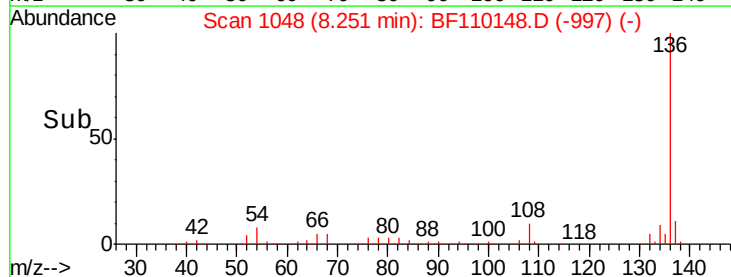
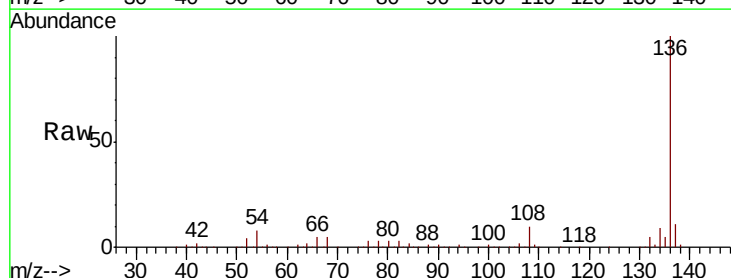
Instrument :
BNA_F
ClientSampleId :

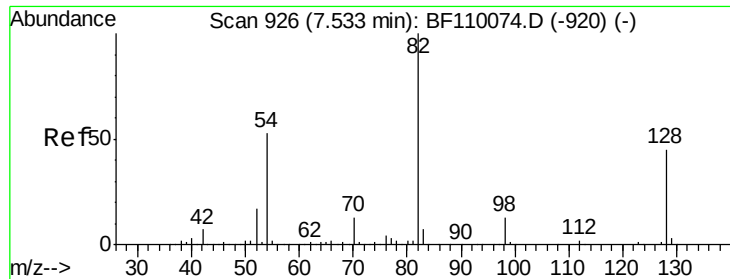
Tot Ion: 70 Resp: 129612
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion:136 Resp: 612103
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 5.4 8.2
68 5.1 4.2 6.2

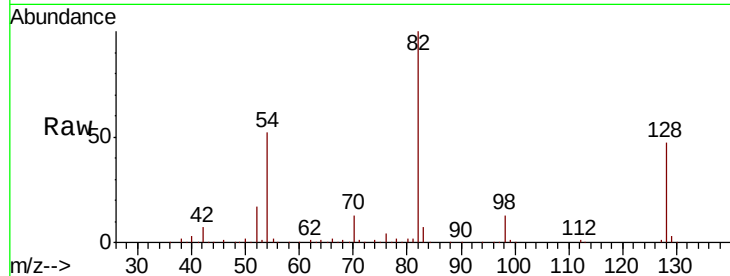




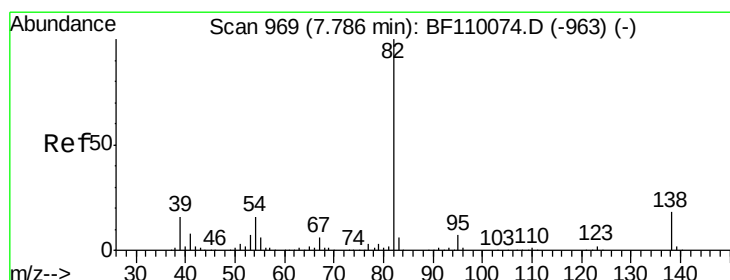
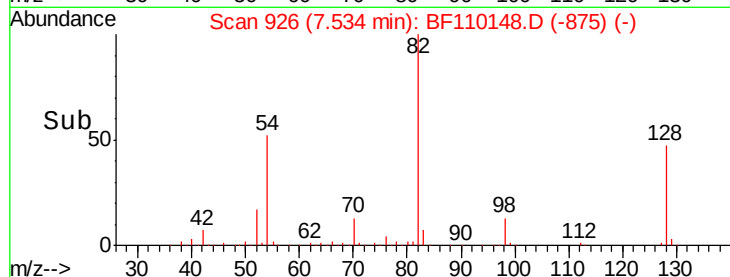
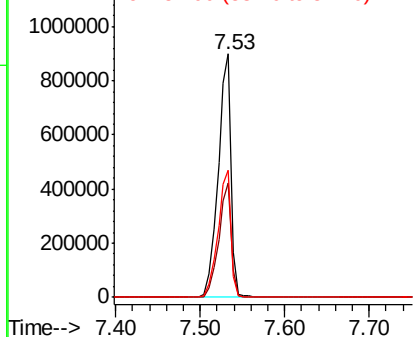
#23
 Nitrobenzene-d5
 Concen: 94.327 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110148.D
 Acq: 25 Oct 2018 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	973435
Ion Ratio	100	Lower	Upper
128	47.0	34.2	51.2
54	52.1	38.6	58.0

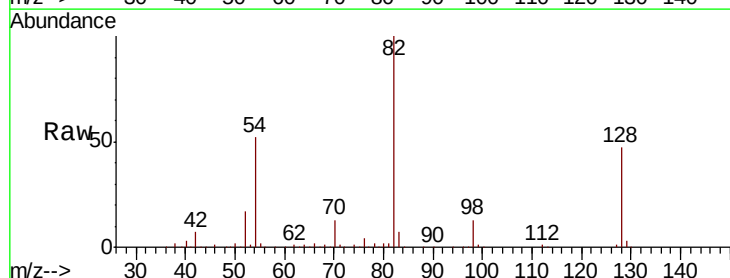


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

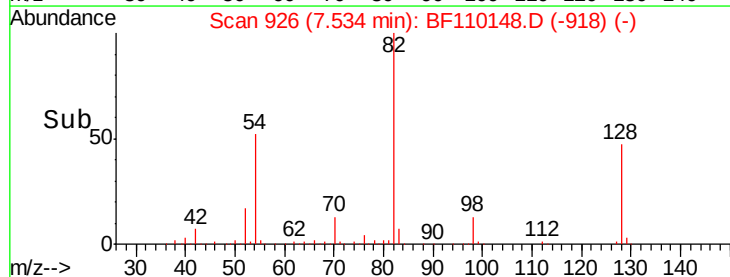
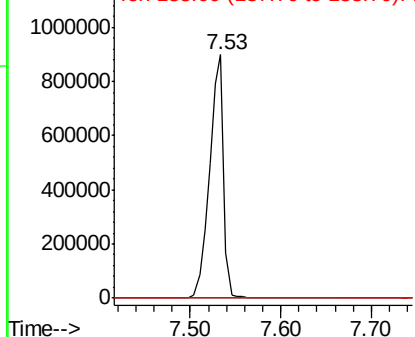


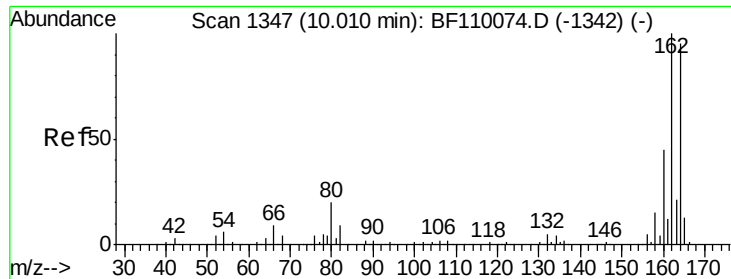
#25
 Isophorone
 Concen: 55.064 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF110148.D
 Acq: 25 Oct 2018 7:21

Tgt Ion	82	Resp	968647
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: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

Instrument :

BNA_F

ClientSampleId :

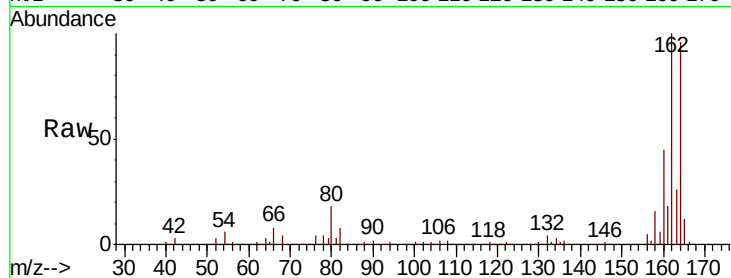
Tot Ion:164 Resp: 274027

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

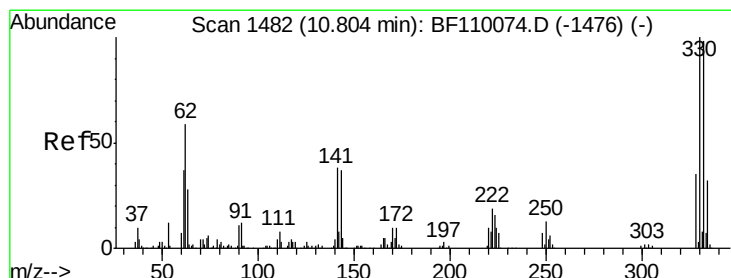
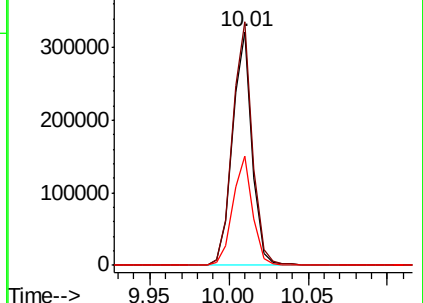
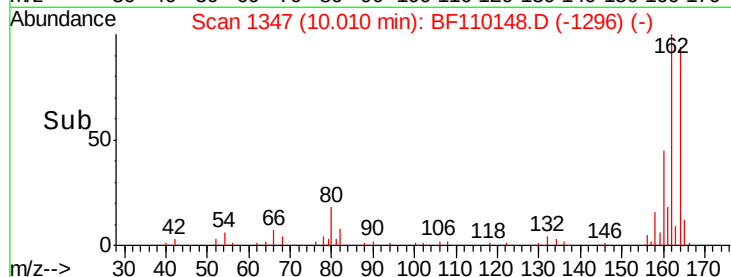
160 46.8 37.0 55.6



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: 80.772 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

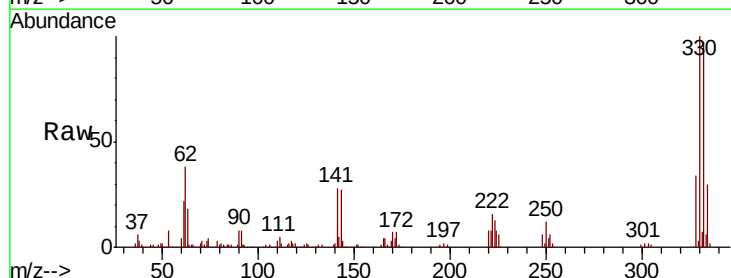
Tgt Ion:330 Resp: 219250

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

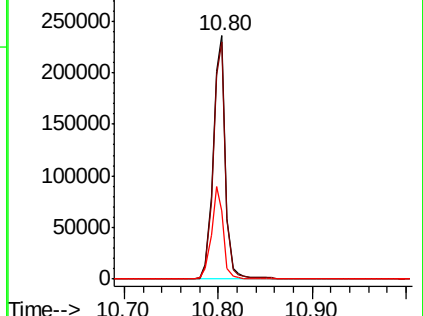
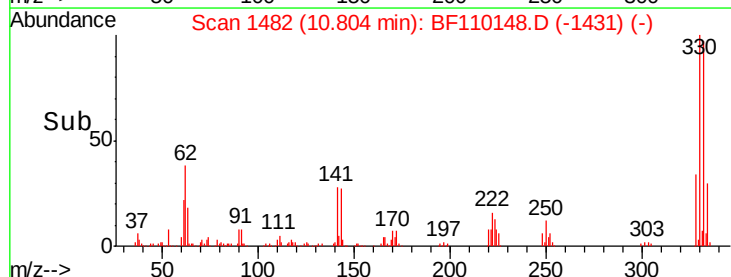
141 36.9 27.0 40.4

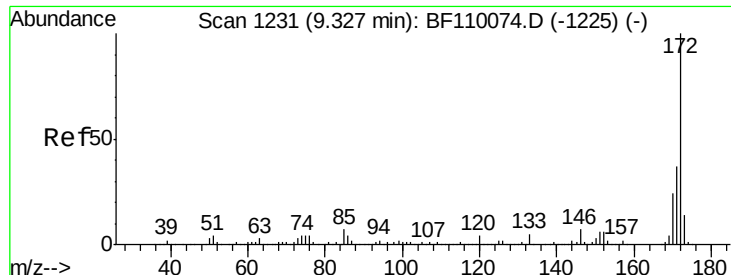


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

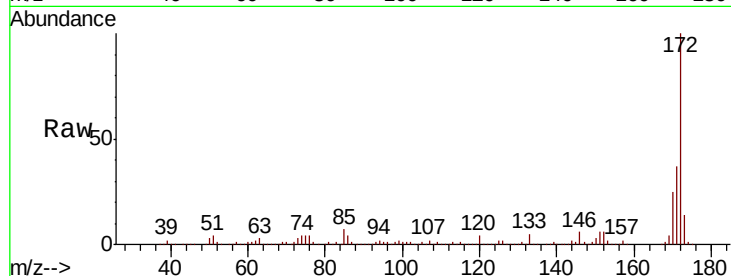




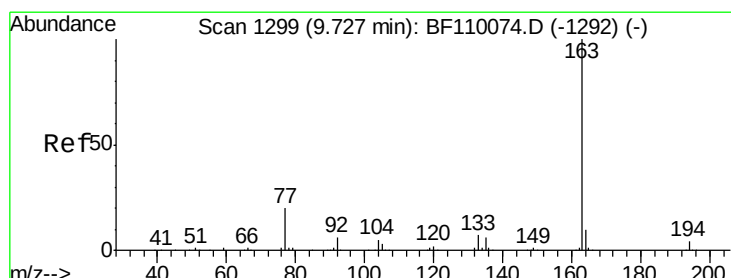
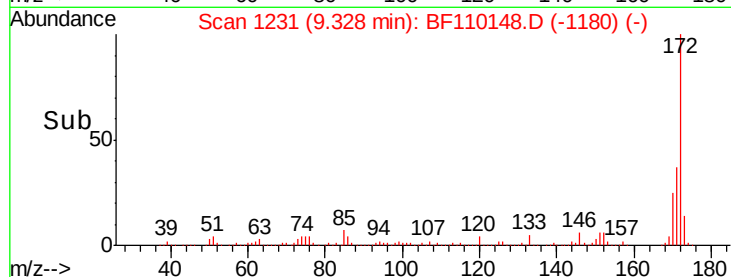
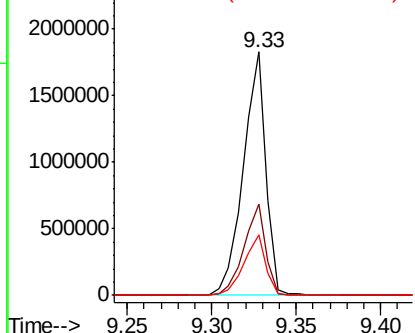
#45
2-Fluorobiphenyl
Concen: 97.836 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1707340
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.0 19.7 29.5

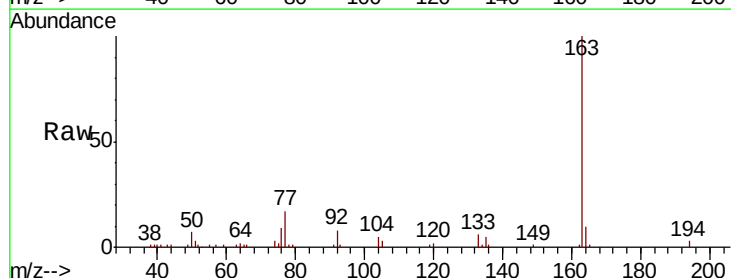


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

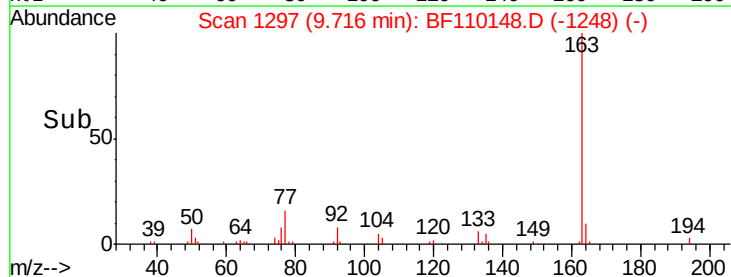
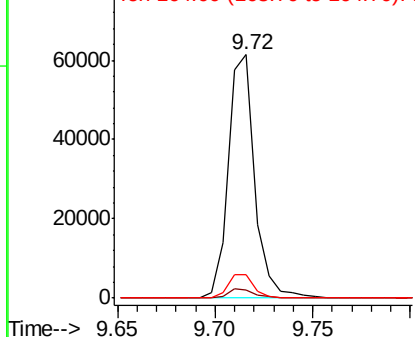


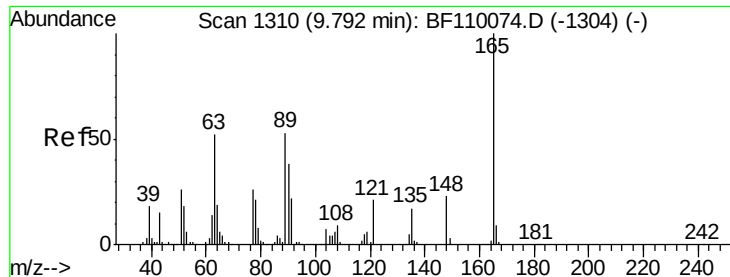
#50
Dimethylphthalate
Concen: 2.843 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion:163 Resp: 57508
Ion Ratio Lower Upper
163 100
194 3.2 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

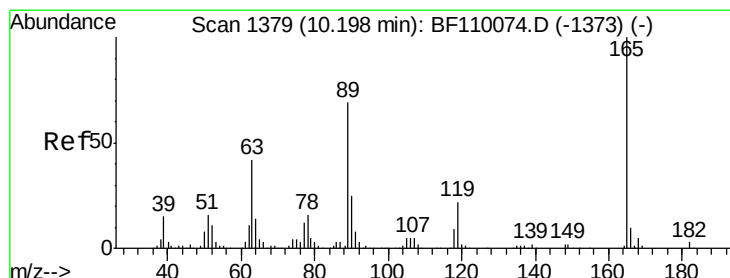
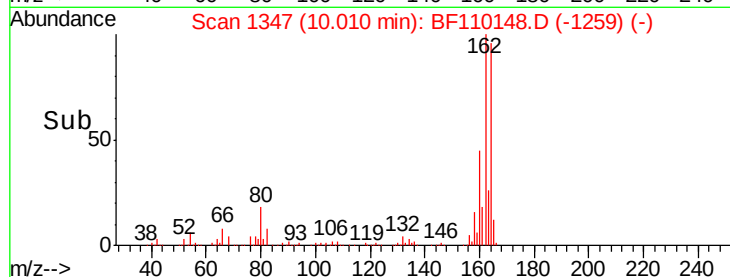
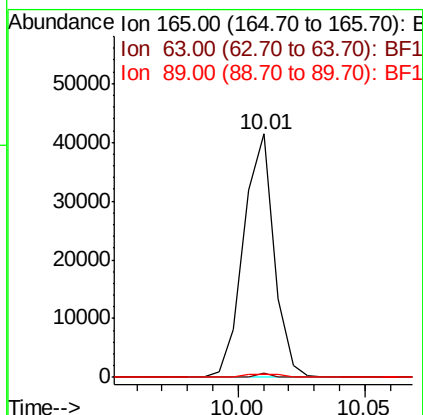
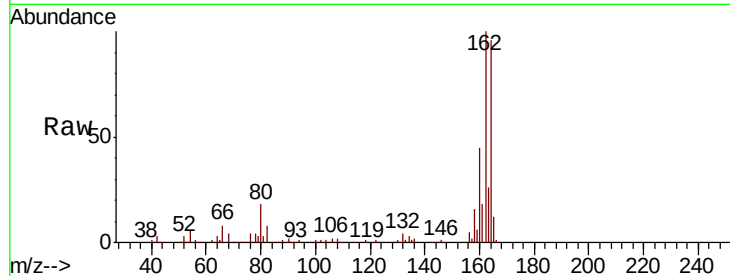




#51
 2,6-Dinitrotoluene
 Concen: 7.961 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110148.D
 Acq: 25 Oct 2018 7:21

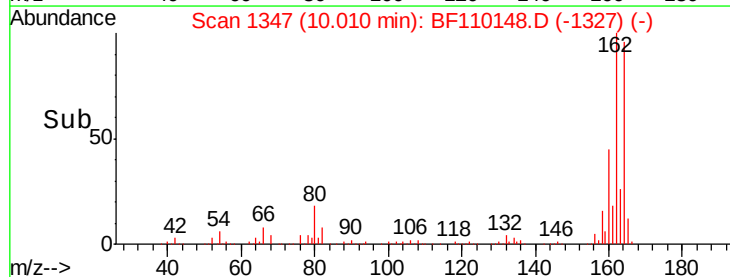
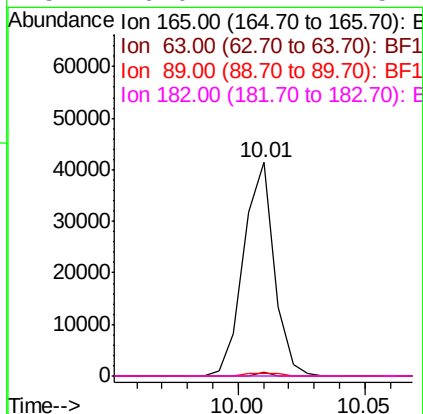
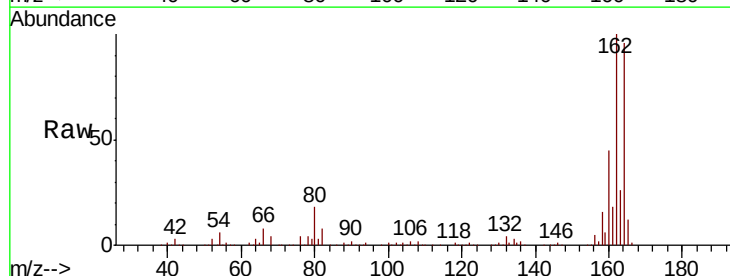
Instrument :
 BNA_F
 ClientSampleId :

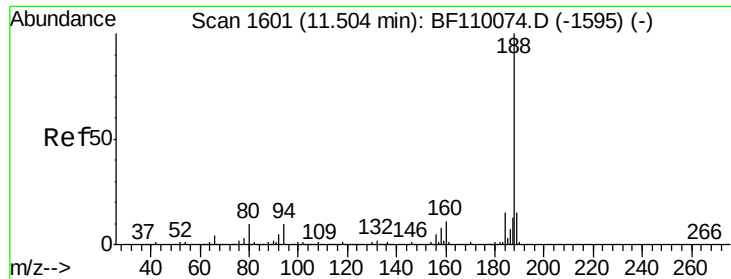
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.2	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.268 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.18 min
 Lab File: BF110148.D
 Acq: 25 Oct 2018 7:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

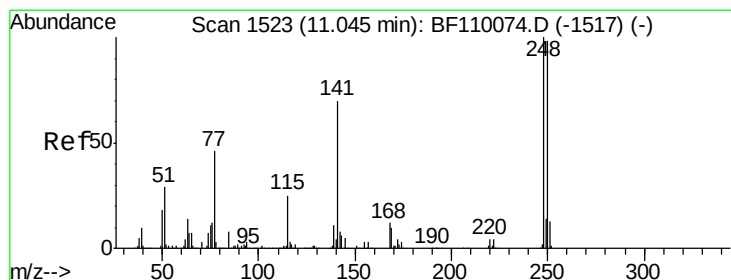
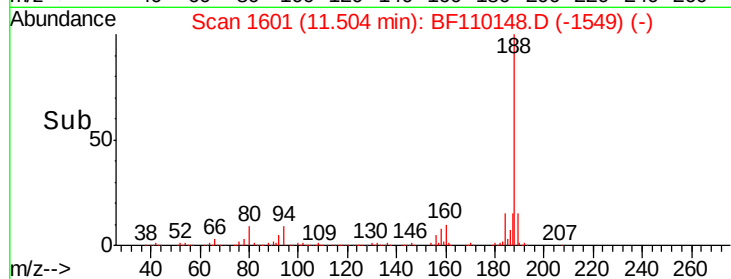
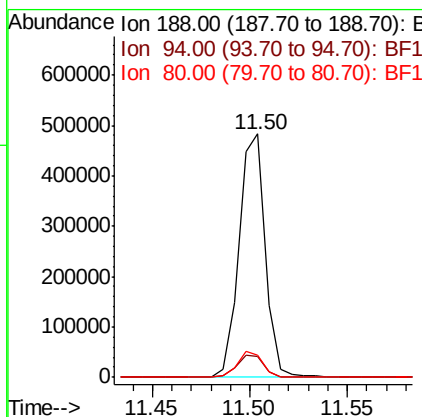
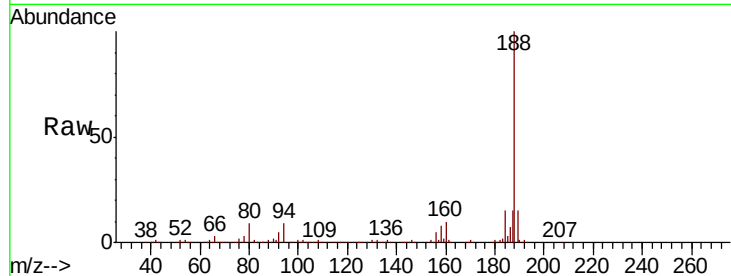




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

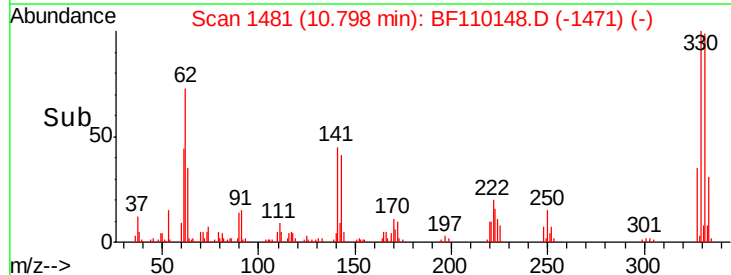
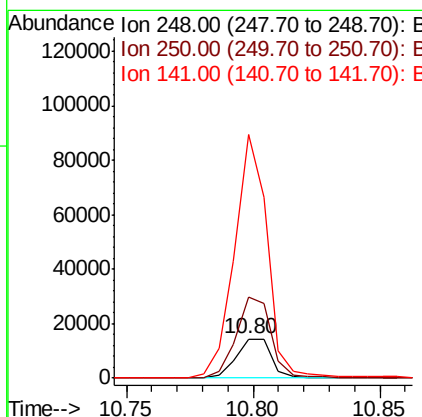
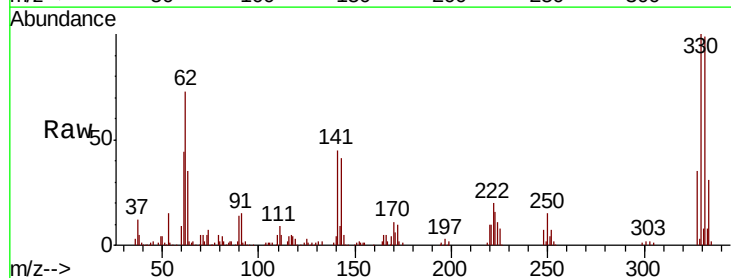
Instrument :
BNA_F
ClientSampleId :

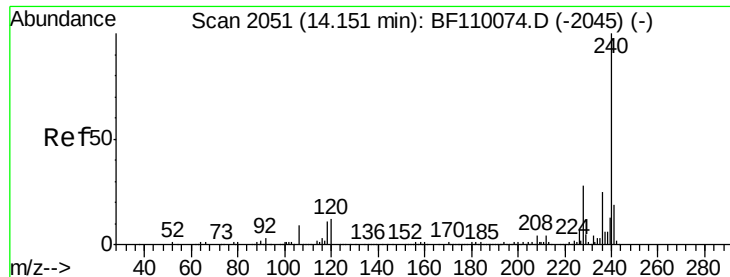
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.9	7.9	11.9



#67
4-Bromophenyl-phenylether
Concen: 2.875 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.9	79.4	119.2#
141	622.8	55.9	83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

Instrument :

BNA_F

ClientSampleId :

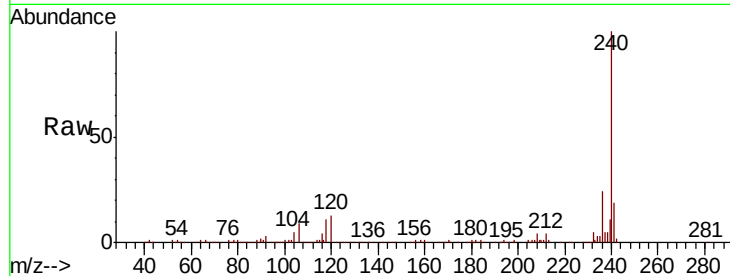
Tot Ion:240 Resp: 271395

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

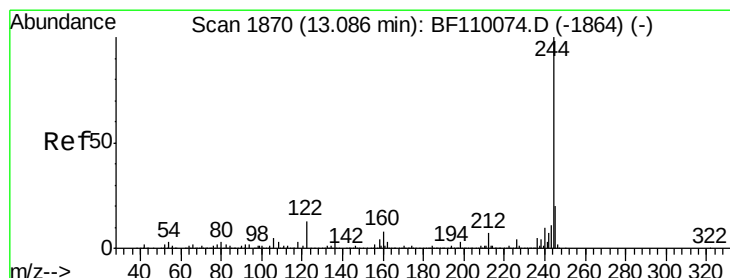
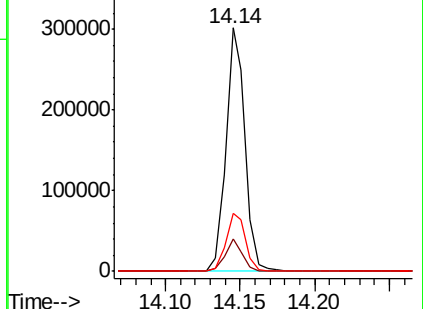
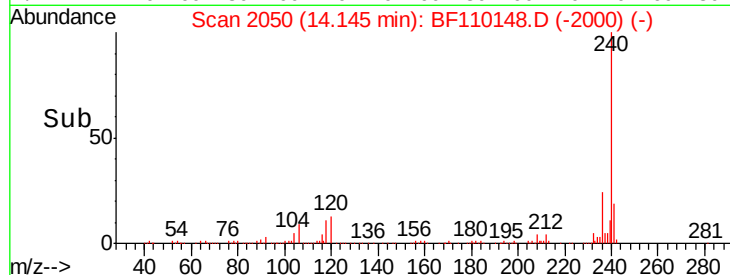
236 24.0 21.2 31.8



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: 96.326 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

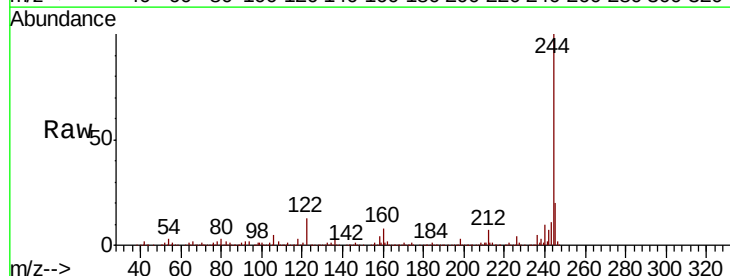
Tgt Ion:244 Resp: 1257022

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

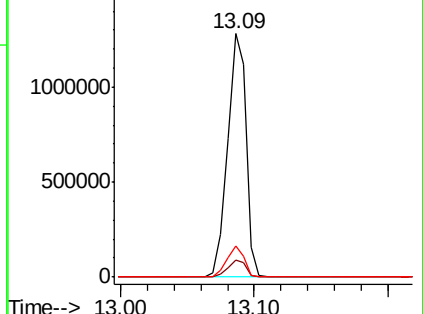
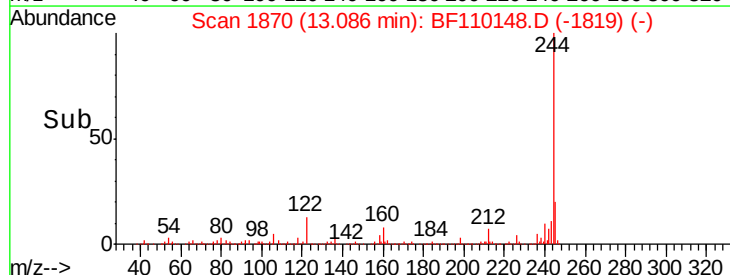
122 13.0 8.7 13.1

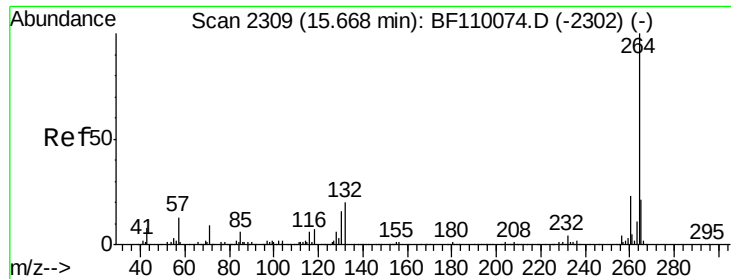


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.1	16.7	25.1

