

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110147.D
 Acq On : 25 Oct 2018 6:54
 Operator : JU/SJ
 Sample : J5640-15
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:26:37 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

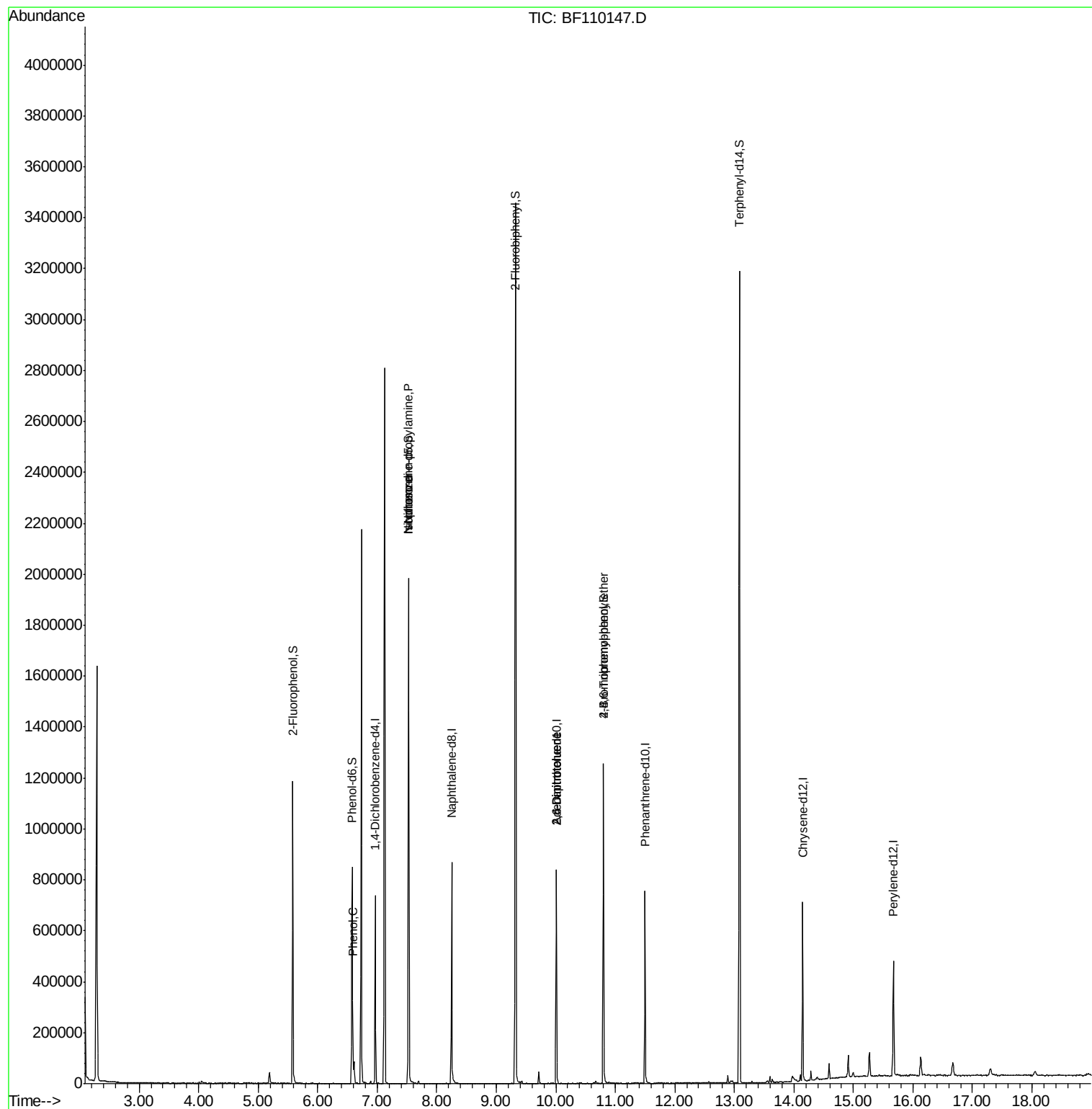
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112698	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	403997	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	158628	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	285213	20.00	ng	0.00
76) Chrysene-d12	14.14	240	235565	20.00	ng	0.00
87) Perylene-d12	15.67	264	166241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	309351	44.70	ng	0.00
7) Phenol-d6	6.58	99	254044	28.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	656043	96.32	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	134628	85.68	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1131794	112.04	ng	0.00
79) Terphenyl-d14	13.09	244	1025793	90.56	ng	0.00
Target Compounds						
10) Phenol	6.59	94	21969	2.322	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	85719	15.094	ng	# 80
25) Isophorone	7.53	82	656036	56.504	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	19778	7.841	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	19778	6.173	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8638	2.792	ng	# 1

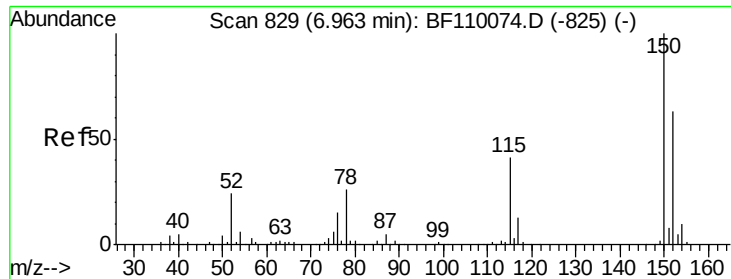
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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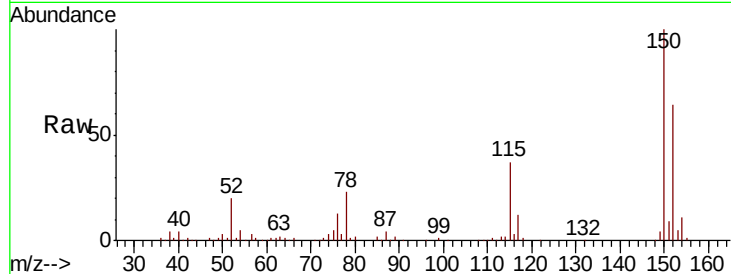


#1

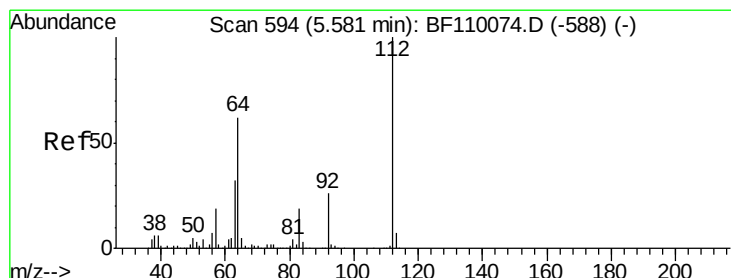
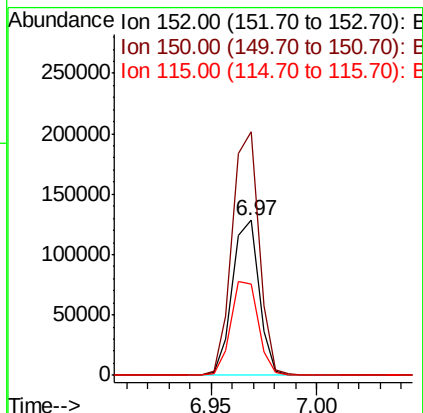
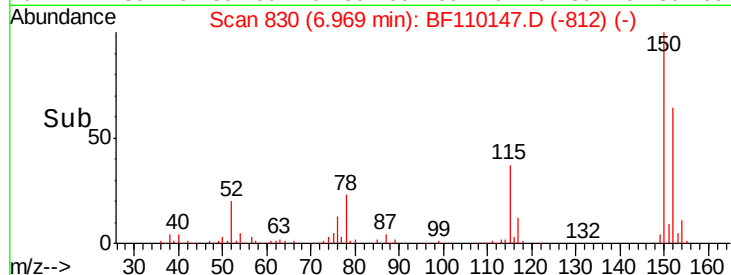
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110147.D
Acq: 25 Oct 2018 6:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112698
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 58.6 49.1 73.7



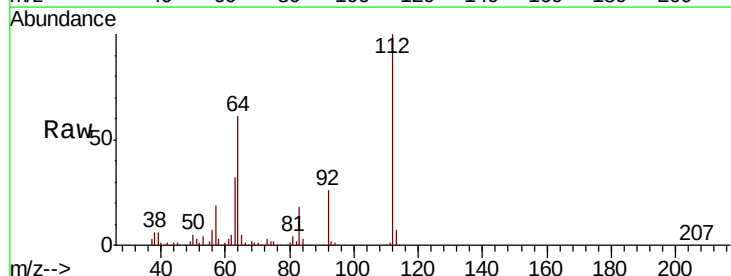
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



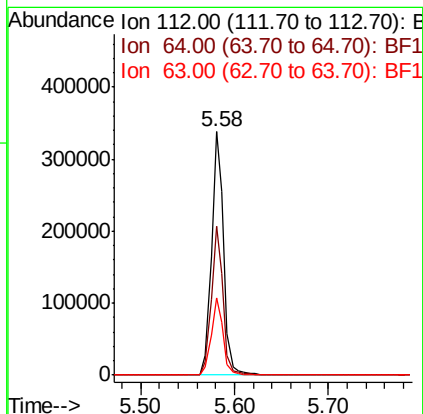
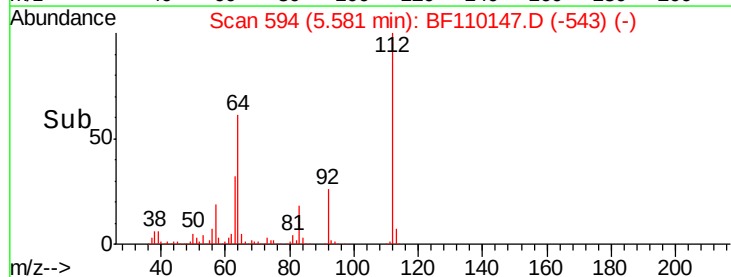
#5

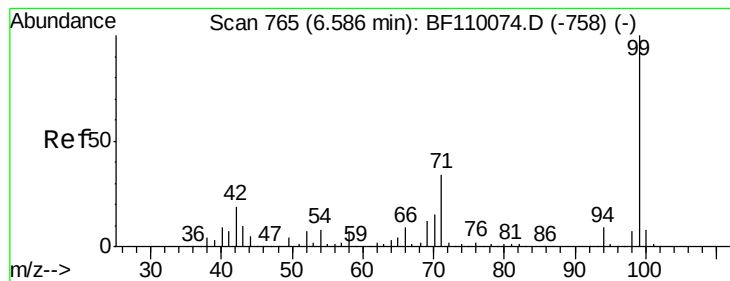
2-Fluorophenol
Concen: 44.700 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF110147.D
Acq: 25 Oct 2018 6:54

Tgt Ion:112 Resp: 309351
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 31.7 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: 28.699 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110147.D

Acq: 25 Oct 2018 6:54

Instrument :

BNA_F

ClientSampleId :

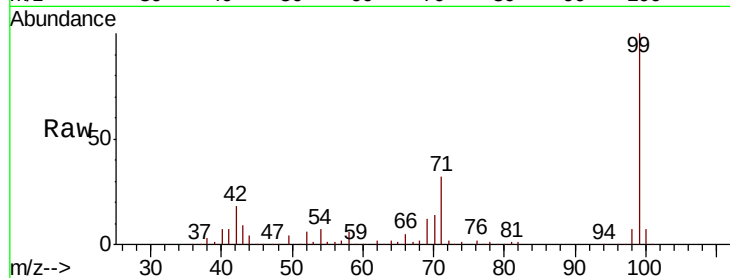
Tot Ion: 99 Resp: 254044

Ion Ratio Lower Upper

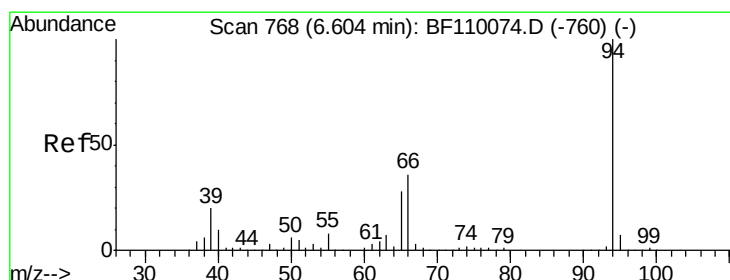
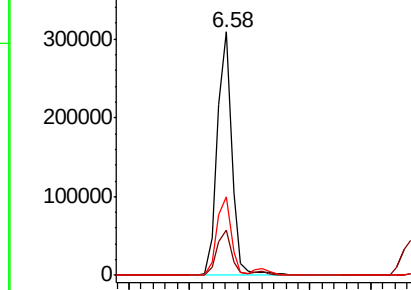
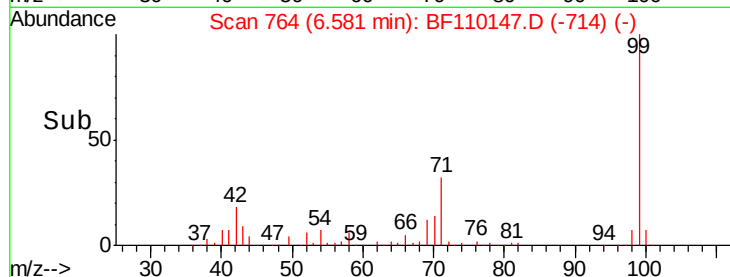
99 100

42 18.5 15.8 23.6

71 32.1 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: 2.322 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110147.D

Acq: 25 Oct 2018 6:54

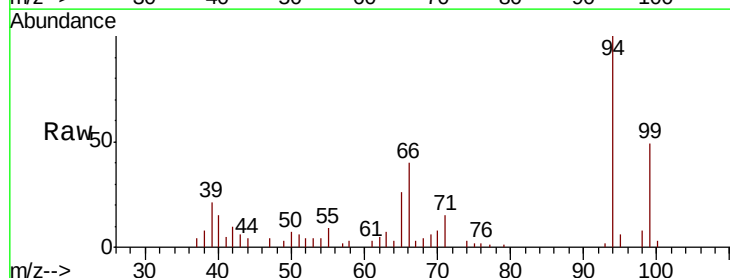
Tgt Ion: 94 Resp: 21969

Ion Ratio Lower Upper

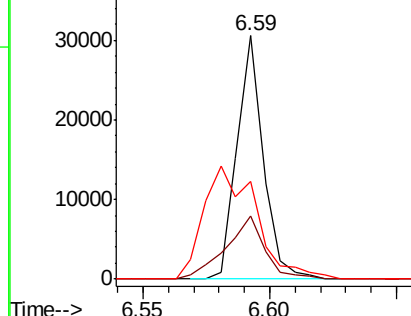
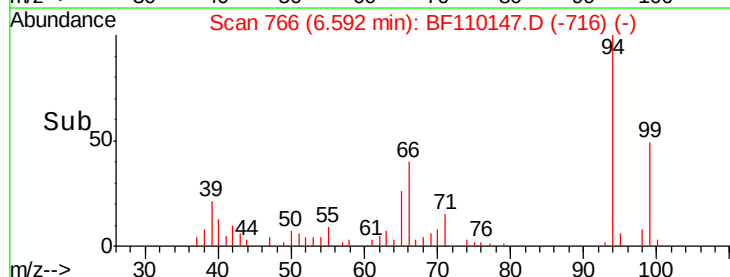
94 100

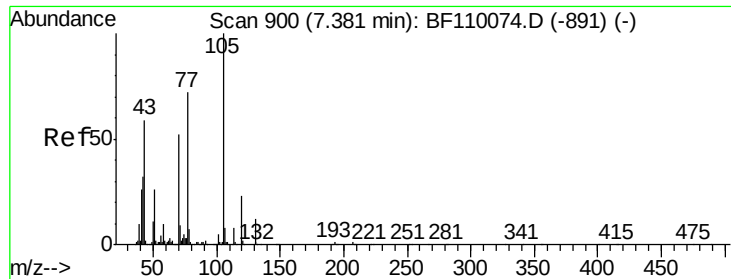
65 26.1 25.3 65.3

66 40.2 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

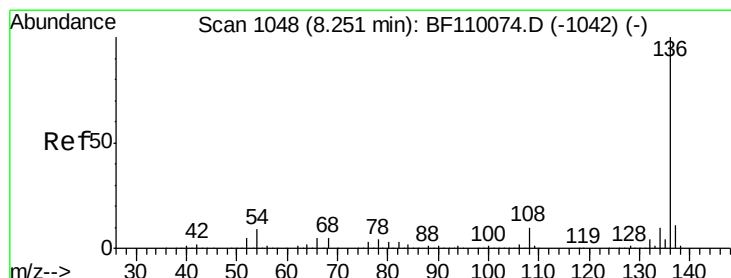
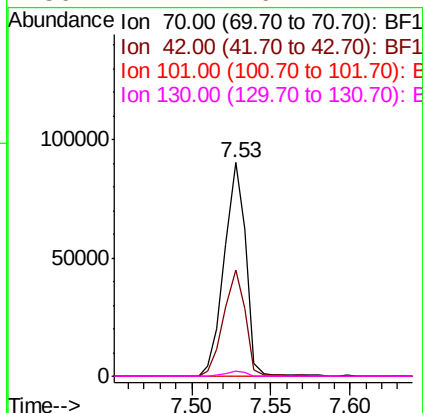
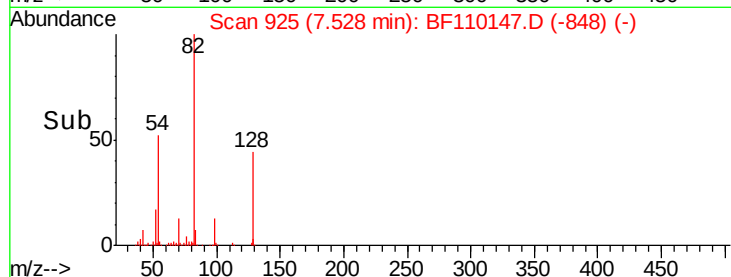
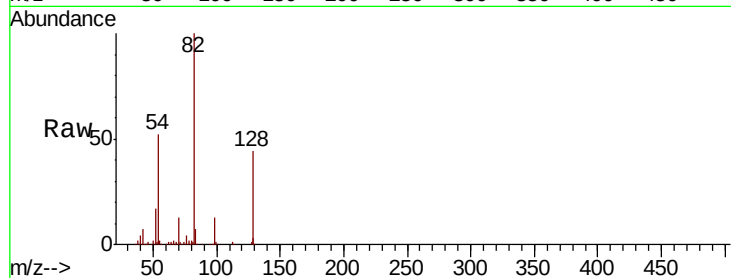




#19
n-Nitroso-di-n-propylamine
Concen: 15.094 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110147.D
Acq: 25 Oct 2018 6:54

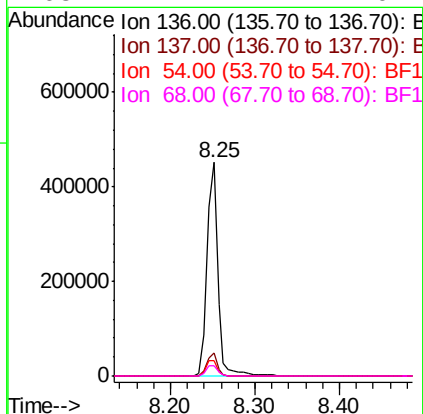
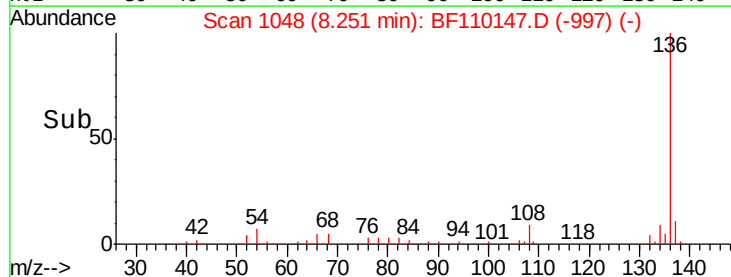
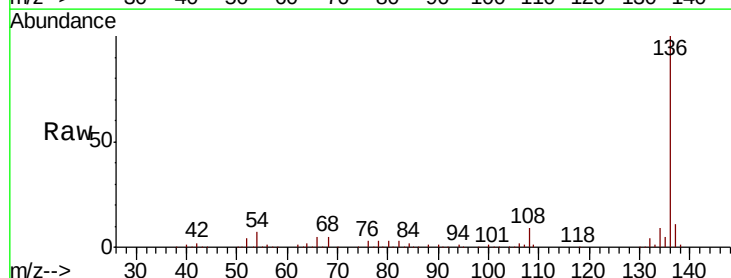
Instrument :
BNA_F
ClientSampleId :

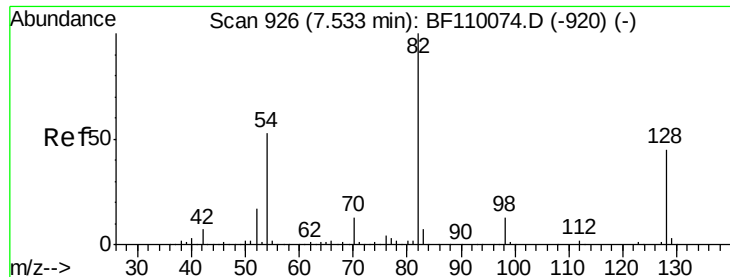
Tot Ion: 70 Resp: 85719
Ion Ratio Lower Upper
70 100
42 49.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110147.D
Acq: 25 Oct 2018 6:54

Tgt Ion: 136 Resp: 403997
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 5.4 8.2
68 4.7 4.2 6.2

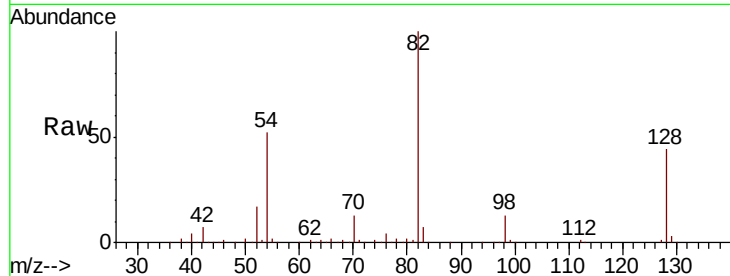




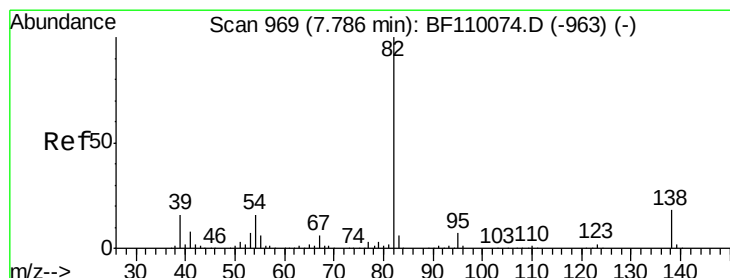
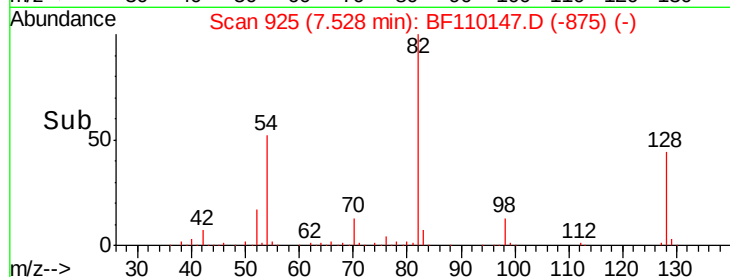
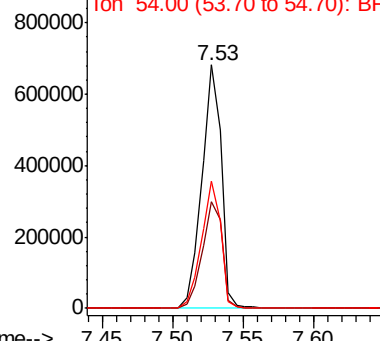
#23
 Nitrobenzene-d5
 Concen: 96.318 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110147.D
 Acq: 25 Oct 2018 6:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	656043
Ion Ratio	100	Lower	Upper
128	44.1	34.2	51.2
54	52.2	38.6	58.0

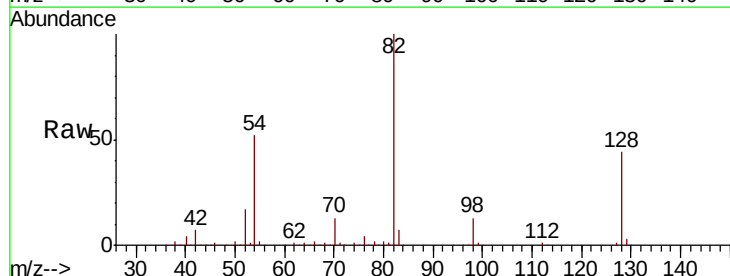


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

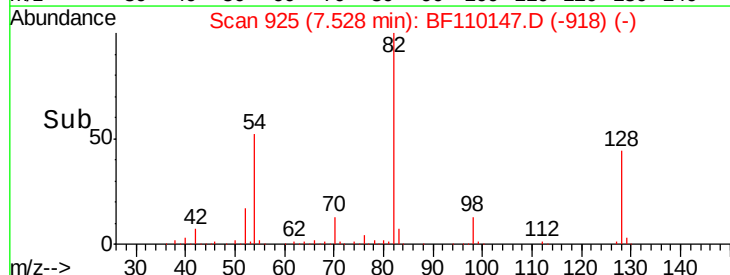
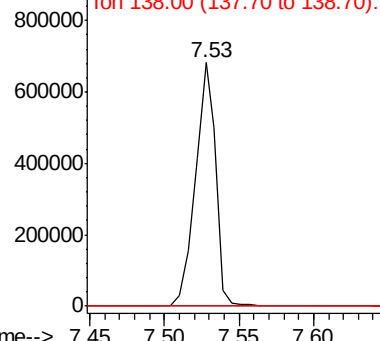


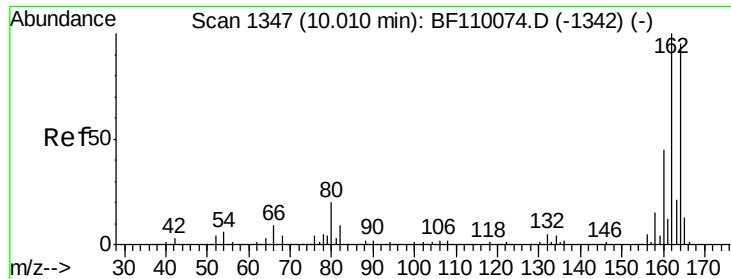
#25
 Isophorone
 Concen: 56.504 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF110147.D
 Acq: 25 Oct 2018 6:54

Tgt Ion	82	Resp	656036
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: BF110147.D

Acq: 25 Oct 2018 6:54

Instrument :

BNA_F

ClientSampleId :

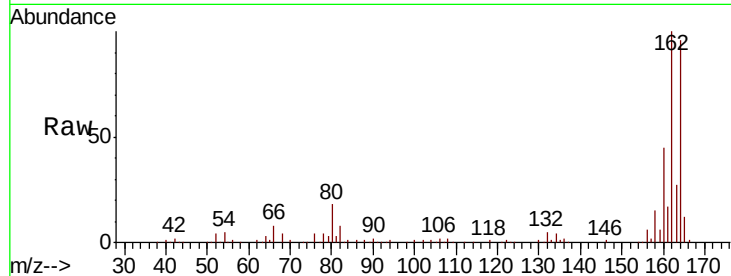
Tot Ion:164 Resp: 158628

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

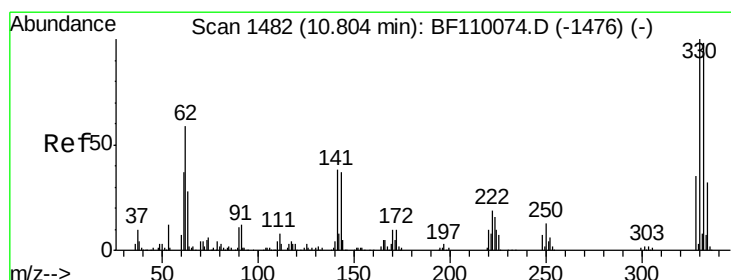
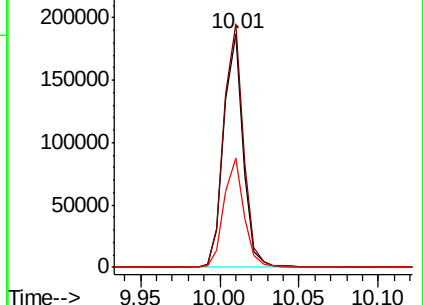
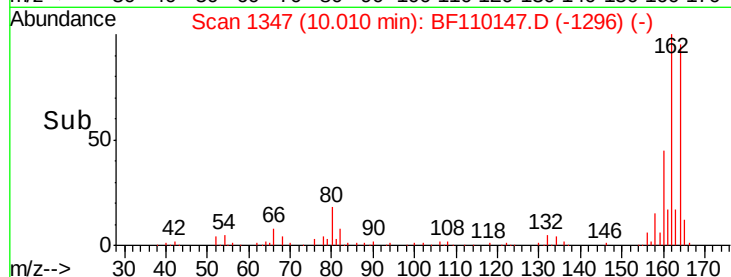
160 46.6 37.0 55.6



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: 85.679 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110147.D

Acq: 25 Oct 2018 6:54

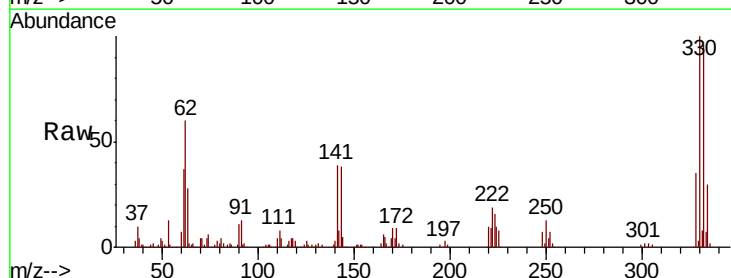
Tgt Ion:330 Resp: 134628

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

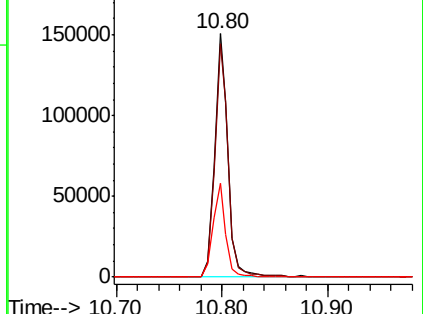
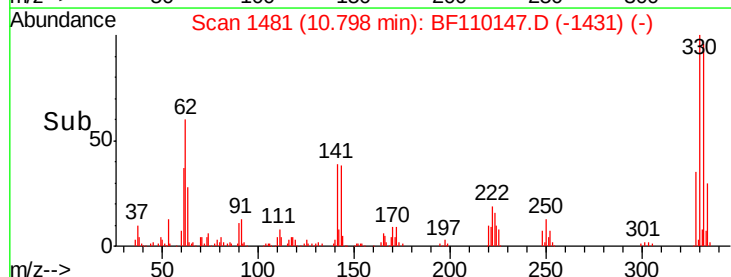
141 36.9 27.0 40.4

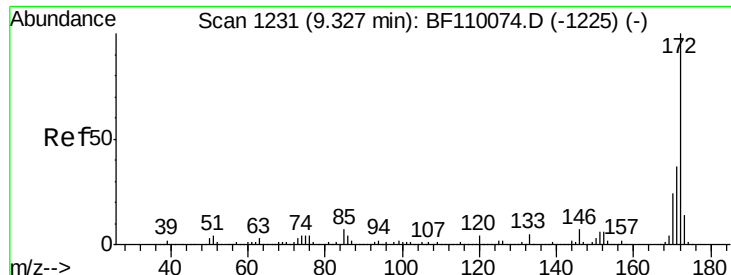


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



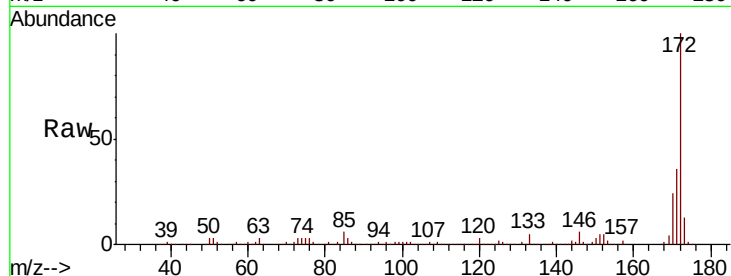


#45
 2-Fluorobiphenyl
 Concen: 112.036 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110147.D
 Acq: 25 Oct 2018 6:54

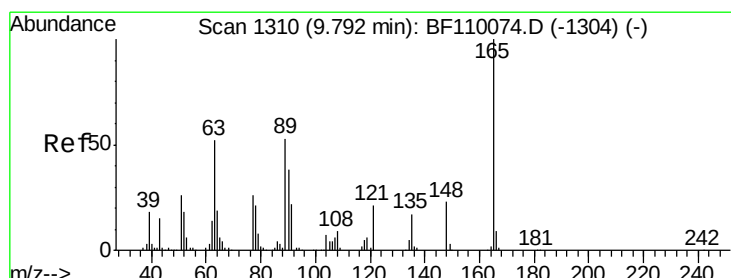
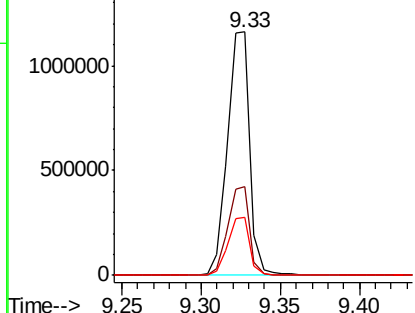
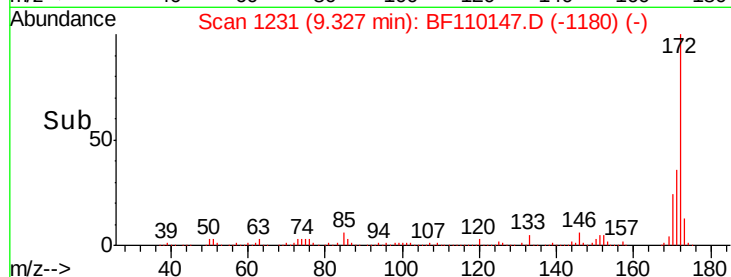
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1131794

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.9	19.7	29.5



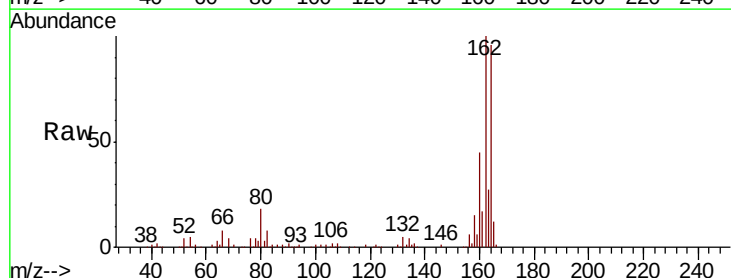
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



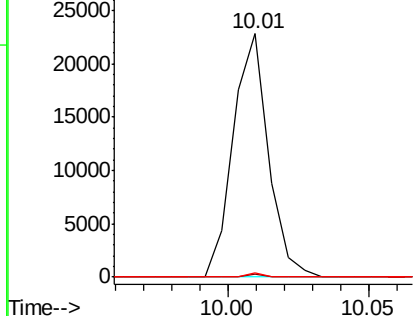
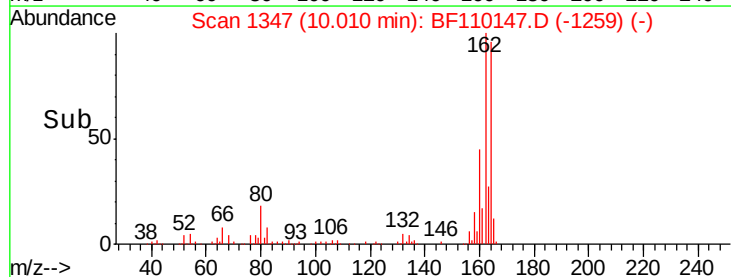
#51
 2,6-Dinitrotoluene
 Concen: 7.841 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110147.D
 Acq: 25 Oct 2018 6:54

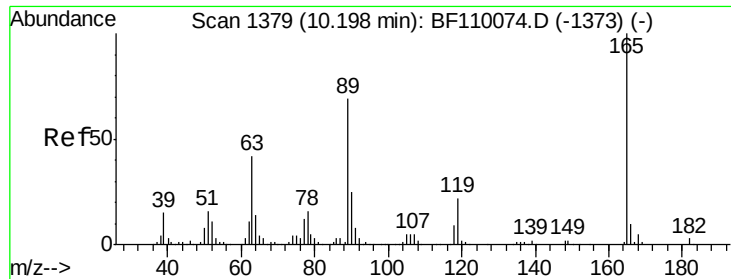
Tgt Ion:165 Resp: 19778

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.6	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

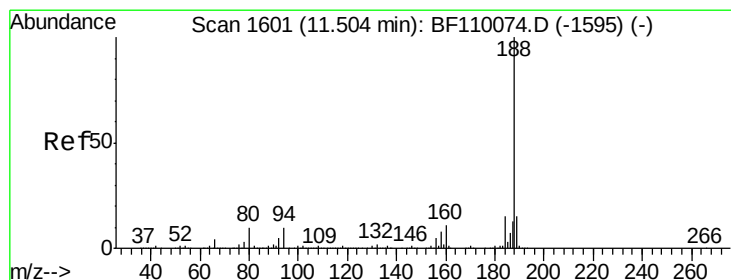
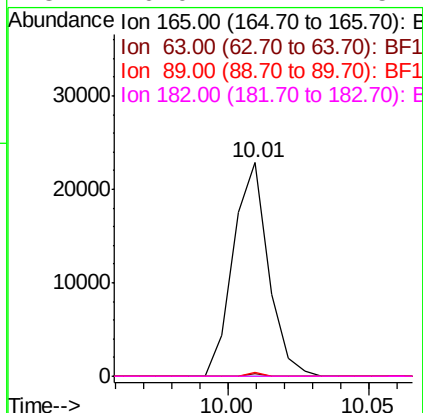
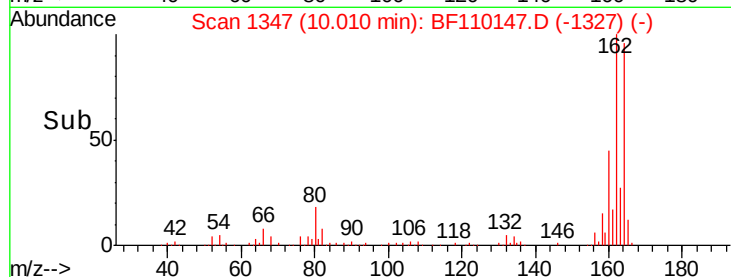
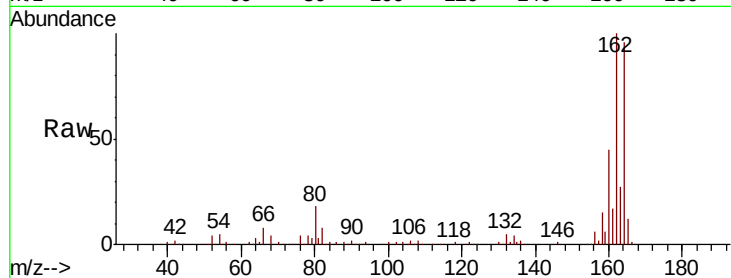




#57
2,4-Dinitrotoluene
Concen: 6.173 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF110147.D
Acq: 25 Oct 2018 6:54

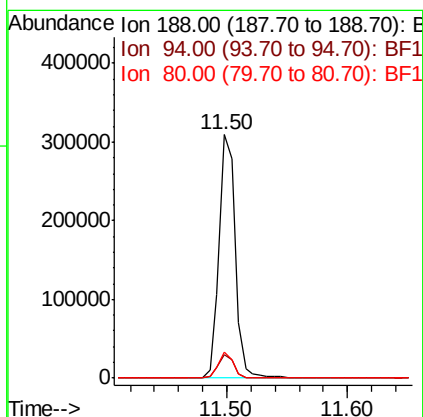
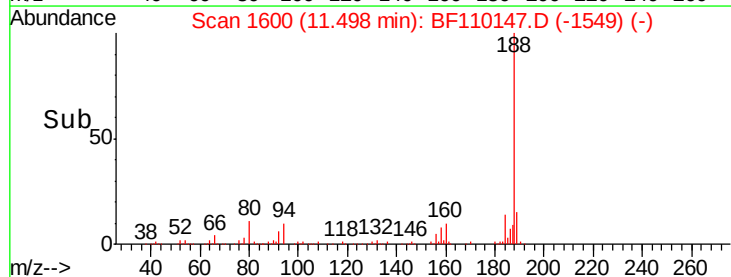
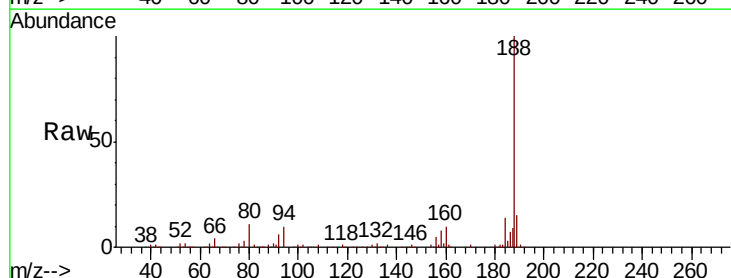
Instrument :
BNA_F
ClientSampleId :

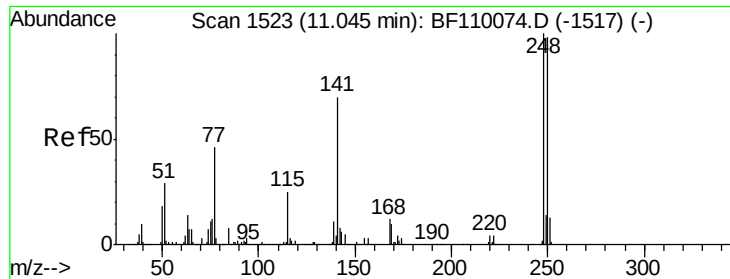
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF110147.D
Acq: 25 Oct 2018 6:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.9	7.9	11.9

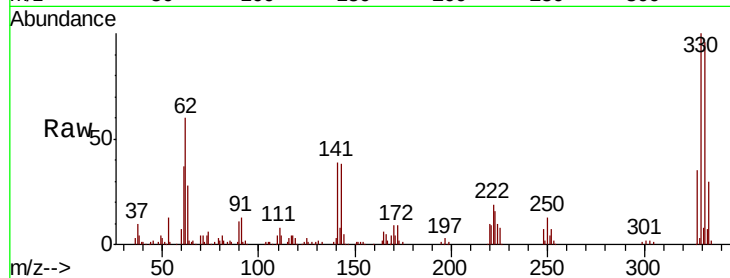




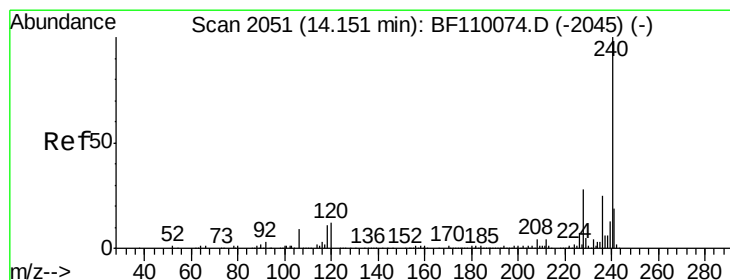
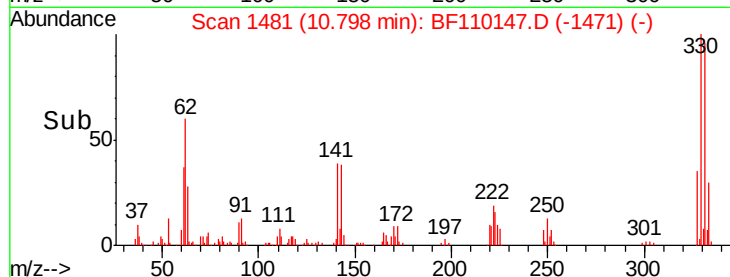
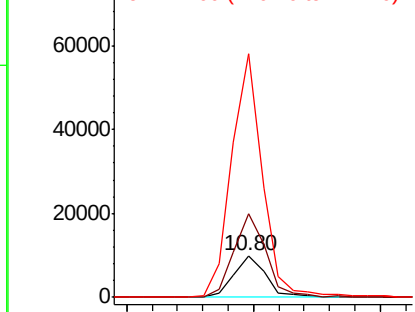
#67
 4-Bromophenyl-phenylether
 Concen: 2.792 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF110147.D
 Acq: 25 Oct 2018 6:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8638
 Ion Ratio Lower Upper
 248 100
 250 200.3 79.4 119.2#
 141 584.7 55.9 83.9#

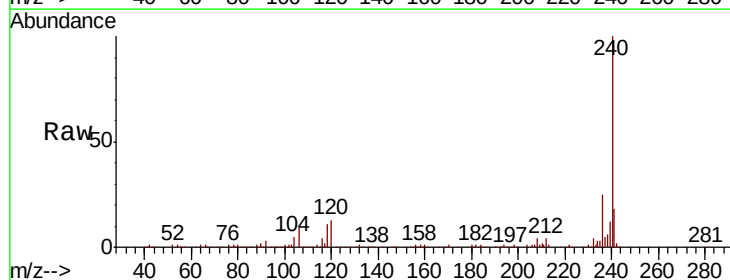


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

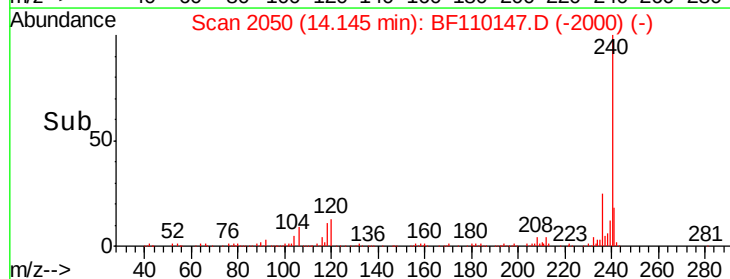
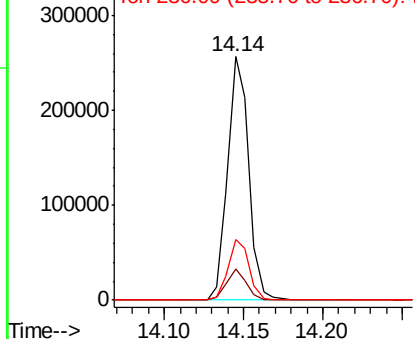


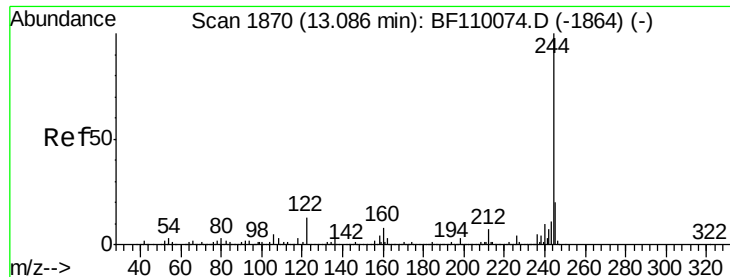
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF110147.D
 Acq: 25 Oct 2018 6:54

Tgt Ion:240 Resp: 235565
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.3 12.5#
 236 25.1 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: 90.563 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF110147.D

Acq: 25 Oct 2018 6:54

Instrument :

BNA_F

ClientSampleId :

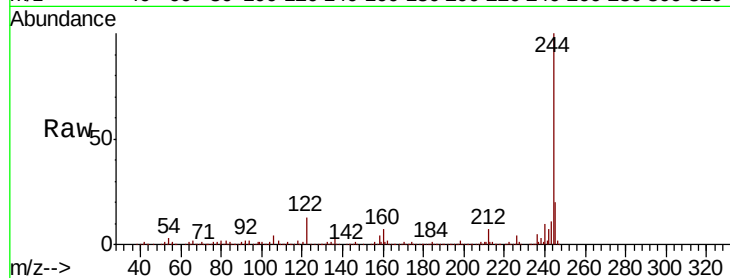
Tot Ion:244 Resp: 1025793

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

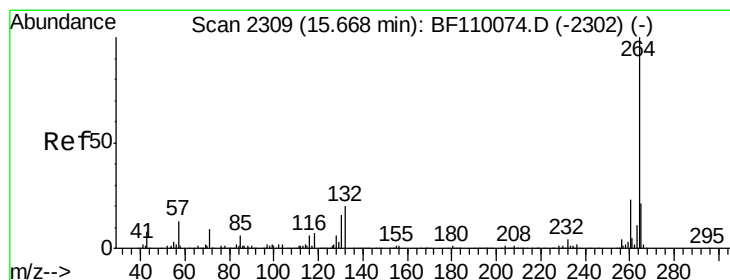
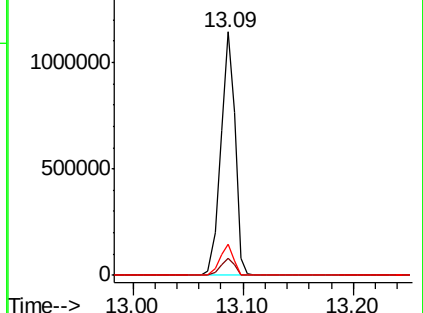
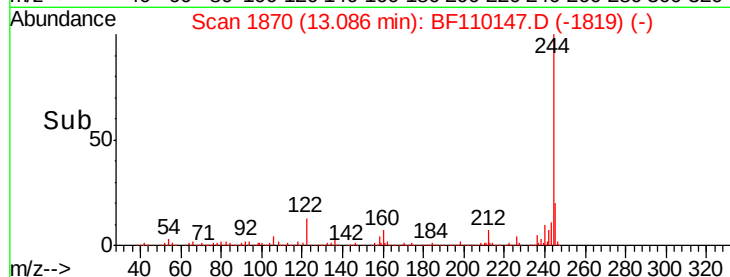
122 12.7 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110147.D

Acq: 25 Oct 2018 6:54

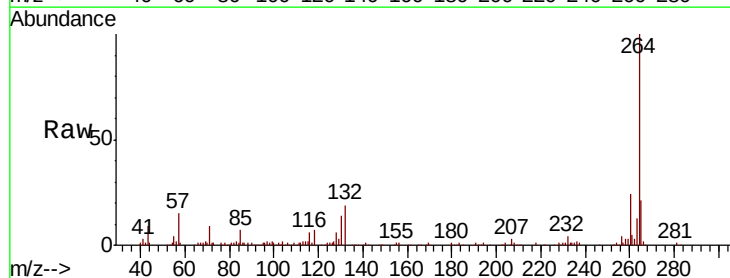
Tgt Ion:264 Resp: 166241

Ion Ratio Lower Upper

264 100

260 23.8 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

