

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110134.D
 Acq On : 25 Oct 2018 00:59
 Operator : JU/SJ
 Sample : J5640-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:15:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

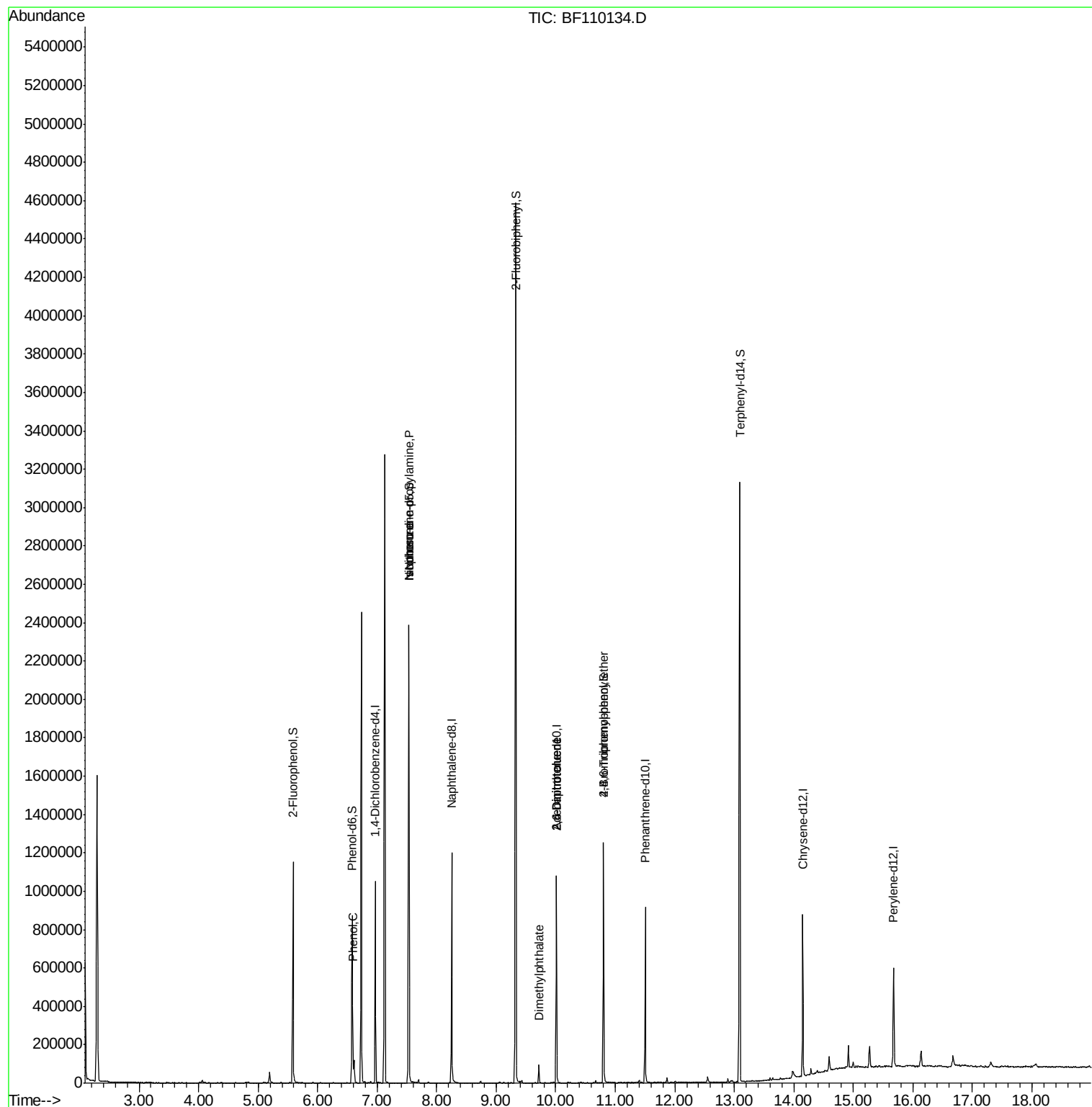
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	146034	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	515991	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	198472	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	325031	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	275790	20.00	ng	-0.01
87) Perylene-d12	15.67	264	188189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	330609	36.87	ng	-0.01
7) Phenol-d6	6.58	99	251583	21.93	ng	-0.02
23) Nitrobenzene-d5	7.53	82	792996	91.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	141246	71.84	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1319013	104.36	ng	-0.01
79) Terphenyl-d14	13.09	244	1106208	83.42	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	548	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	30485	2.486 ng	#	66
19) n-Nitroso-di-n-propylamine	7.53	70	104268	14.169 ng	#	79
25) Isophorone	7.53	82	792983	53.475 ng	#	67
50) Dimethylphthalate	9.72	163	37352	2.549 ng	#	99
51) 2,6-Dinitrotoluene	10.01	165	25906	8.209 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	25906	6.463 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	8823	2.503 ng	#	1

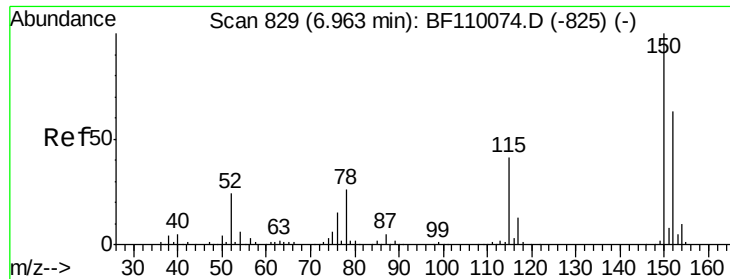
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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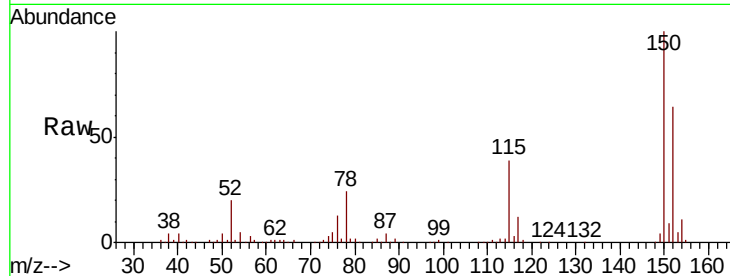


#1

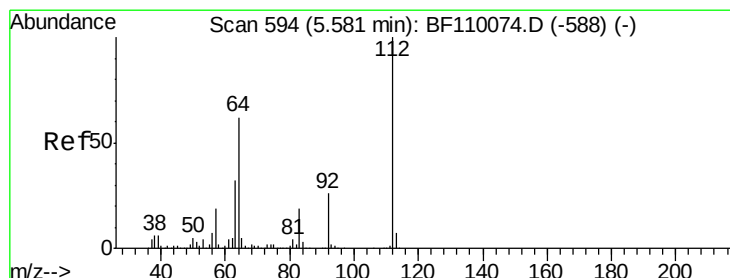
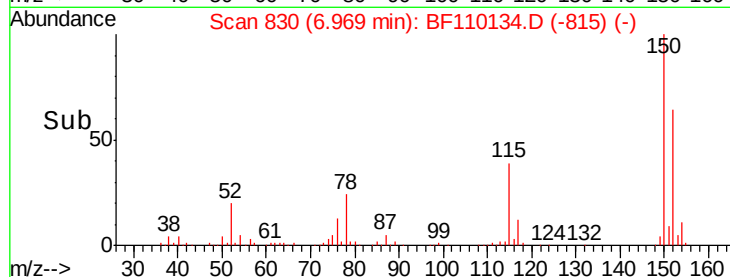
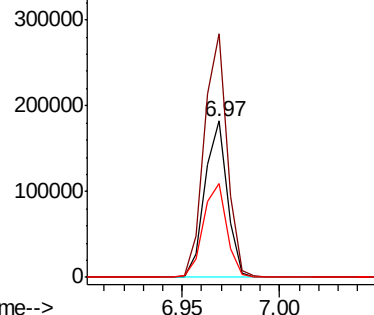
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.1	49.1	73.7



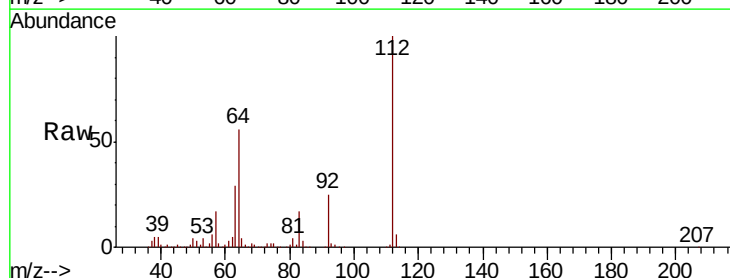
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



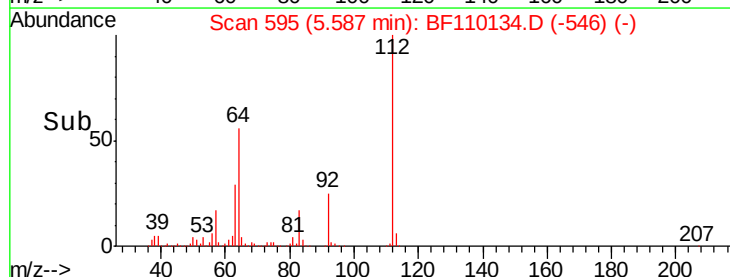
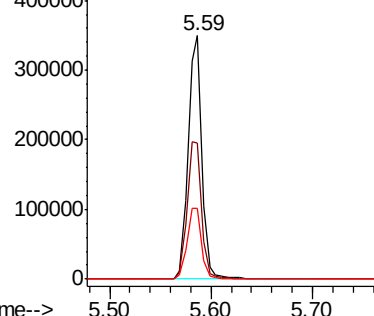
#5

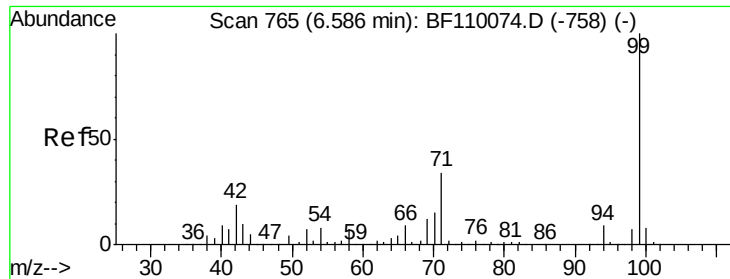
2-Fluorophenol
Concen: 36.867 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.1	66.1
63	29.0	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: 21.933 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

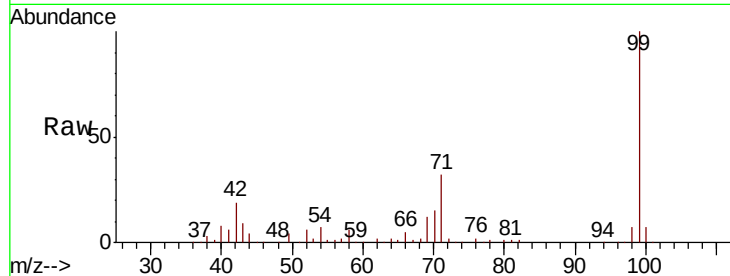
Tot Ion: 99 Resp: 251583

Ion Ratio Lower Upper

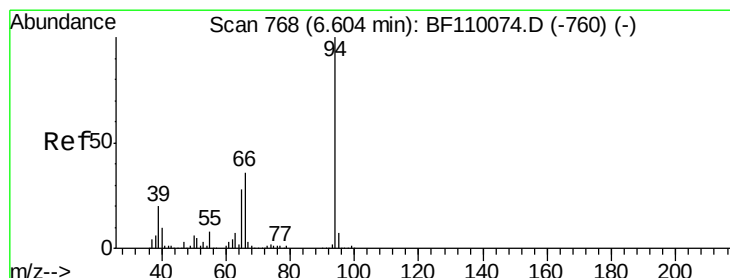
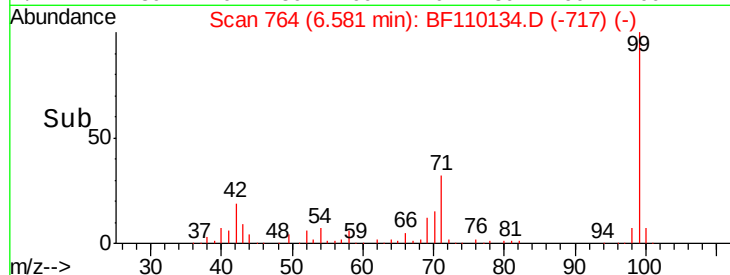
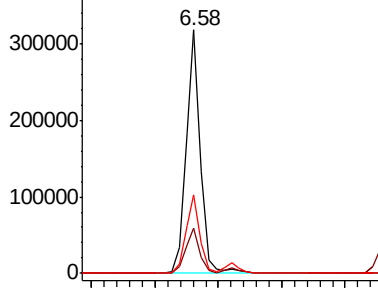
99 100

42 18.6 15.8 23.6

71 32.5 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: 2.486 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

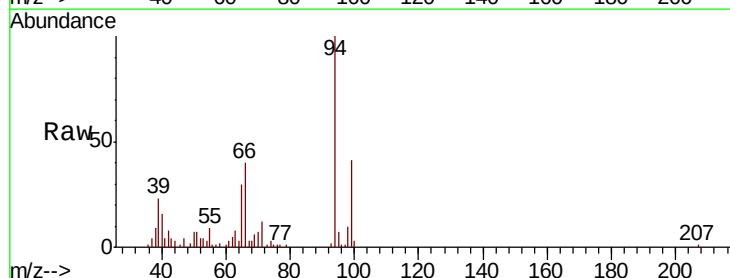
Tgt Ion: 94 Resp: 30485

Ion Ratio Lower Upper

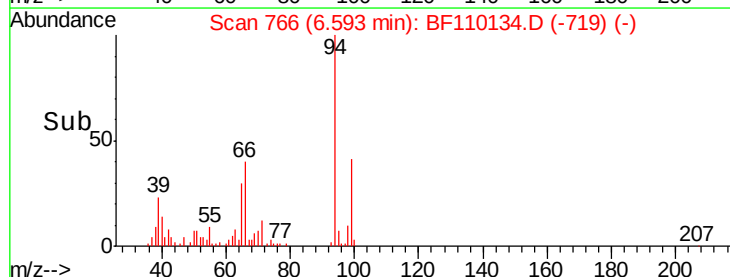
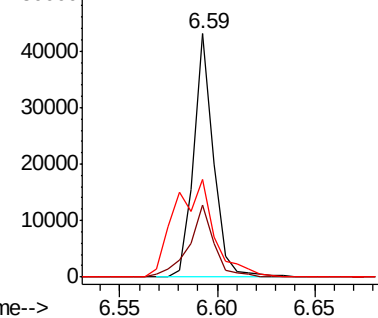
94 100

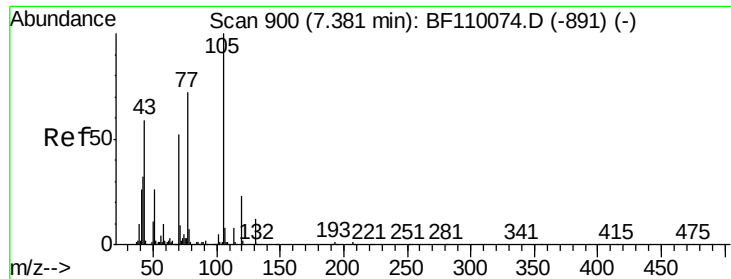
65 29.5 25.3 65.3

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

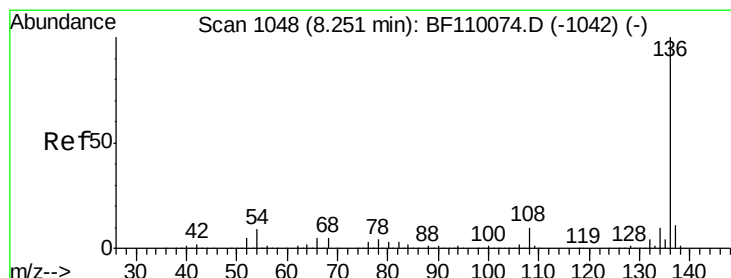
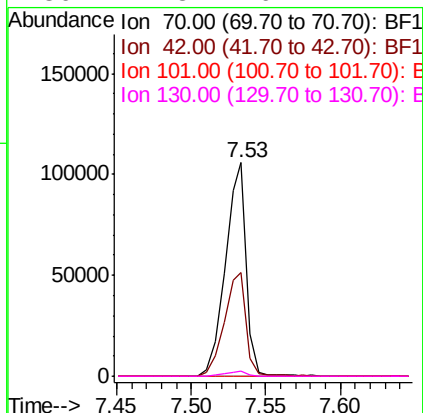
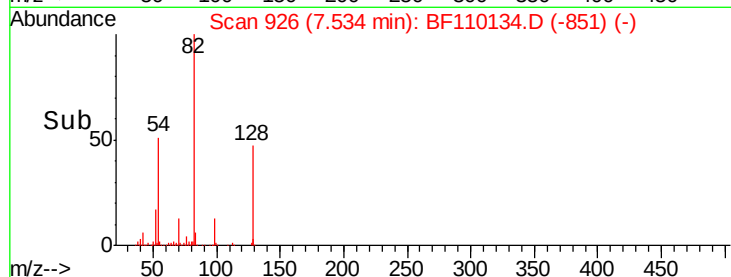
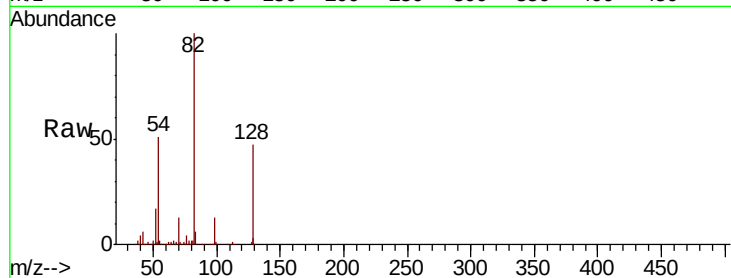




#19
n-Nitroso-di-n-propylamine
Concen: 14.169 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

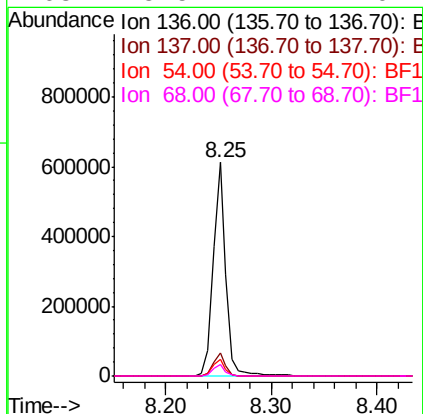
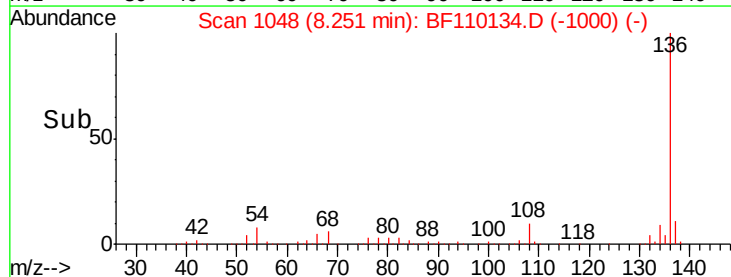
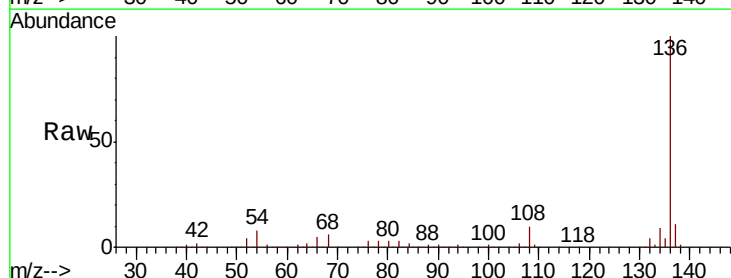
Instrument :
BNA_F
ClientSampleId :

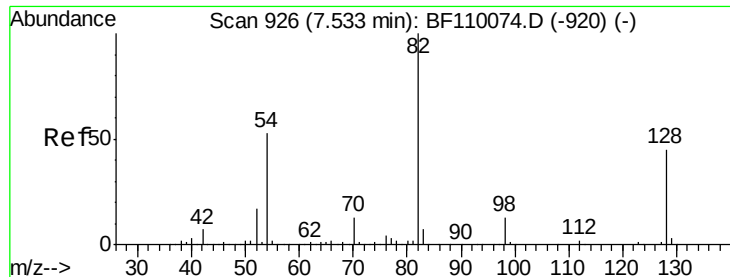
Tot Ion: 70 Resp: 104268
Ion Ratio Lower Upper
70 100
42 48.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion: 136 Resp: 515991
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 5.4 8.2
68 5.5 4.2 6.2

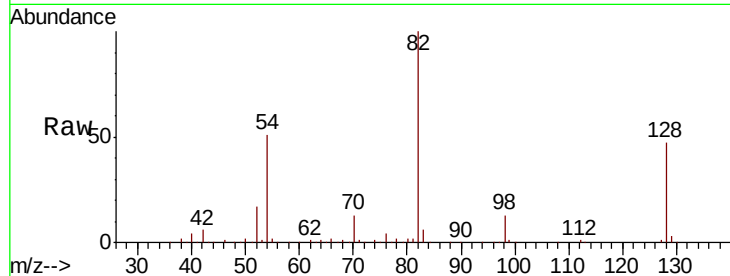




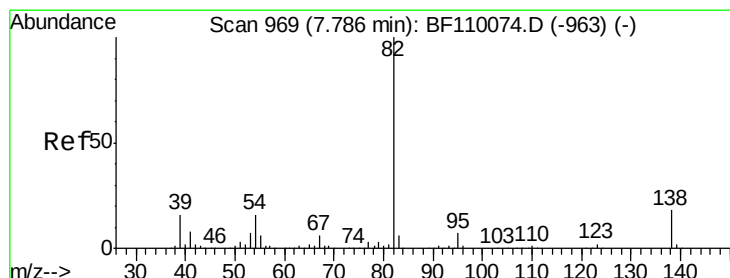
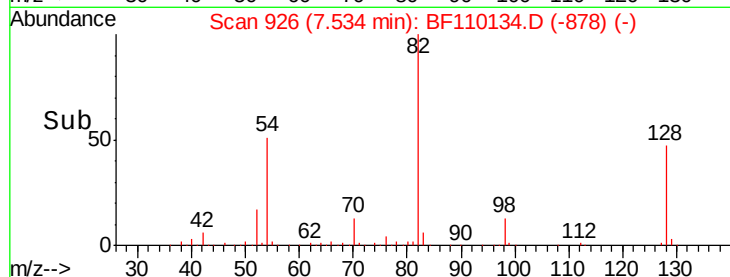
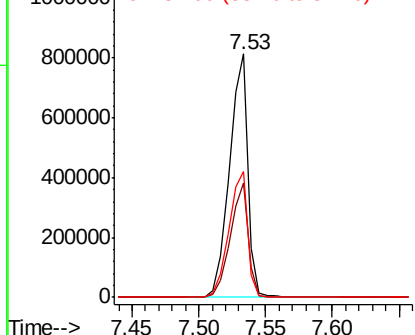
#23
Nitrobenzene-d5
Concen: 91.155 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	51.4	38.6	58.0

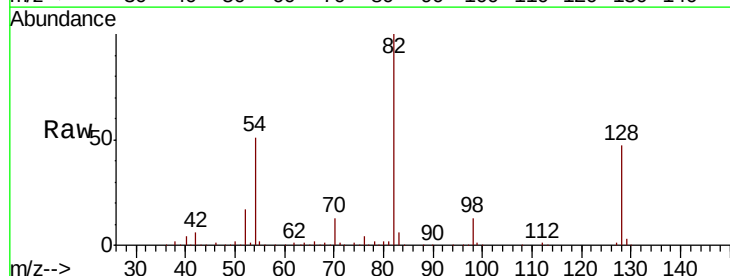


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

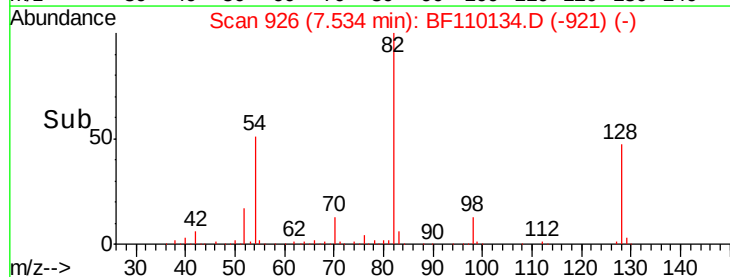
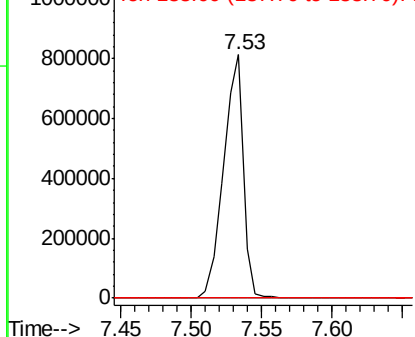


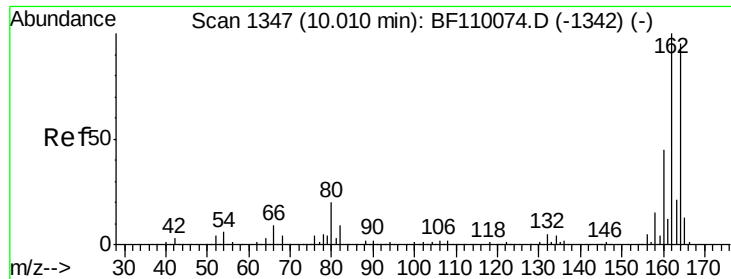
#25
Isophorone
Concen: 53.475 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt 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. -0.02 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

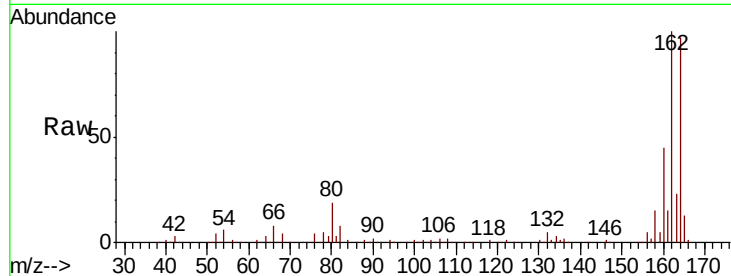
Tot Ion:164 Resp: 198472

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

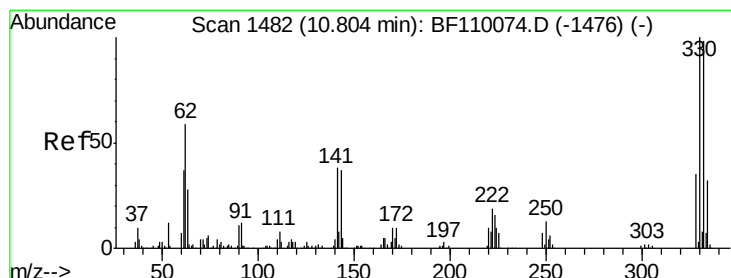
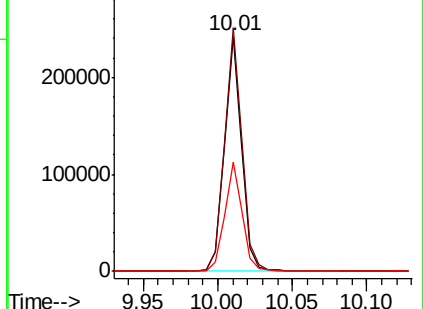
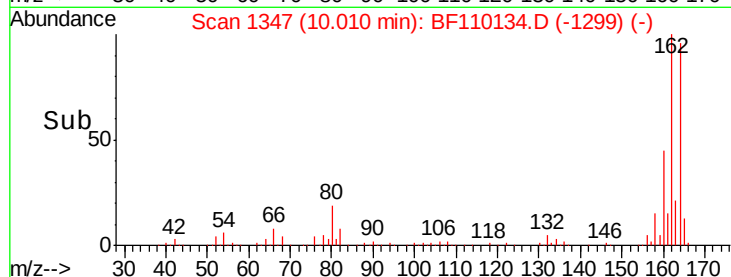
160 46.5 37.0 55.6



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: 71.844 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

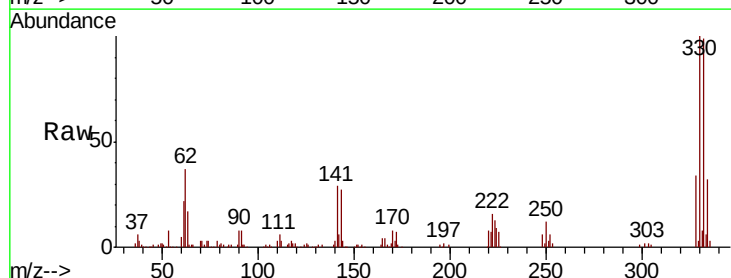
Tgt Ion:330 Resp: 141246

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

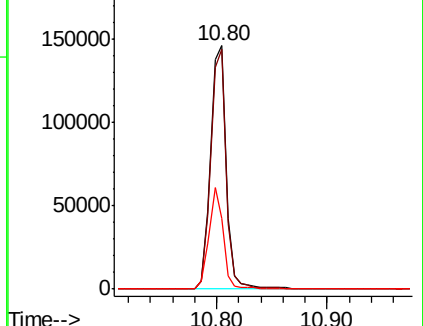
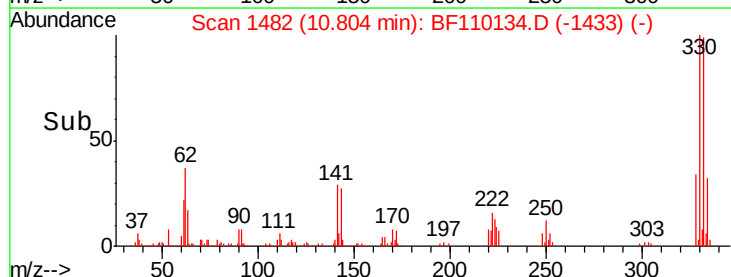
141 37.5 27.0 40.4

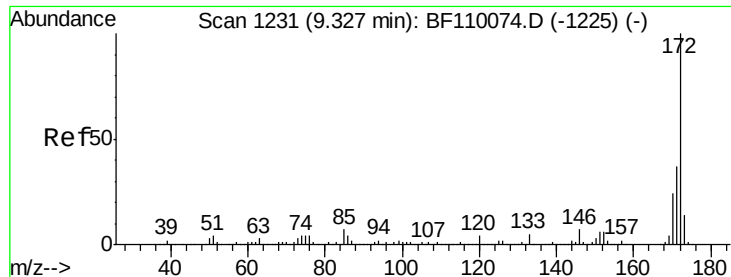


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

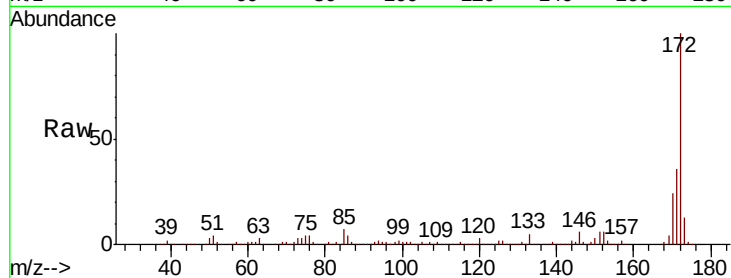




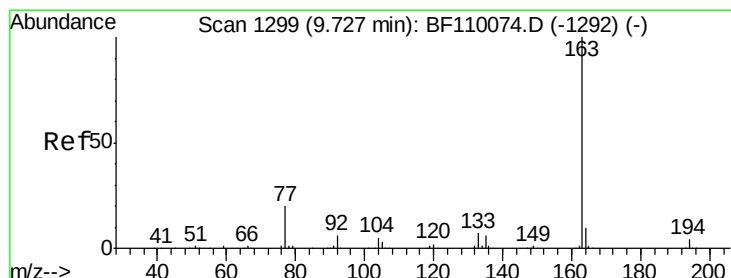
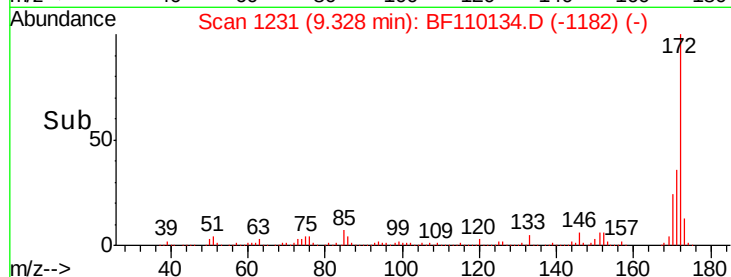
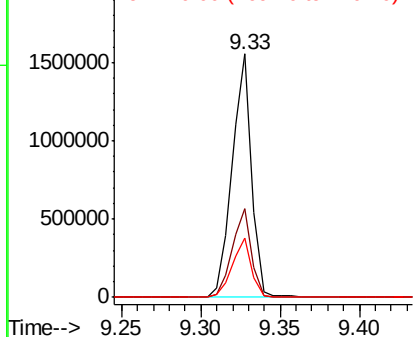
#45
2-Fluorobiphenyl
Concen: 104.357 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1319013
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.4 19.7 29.5

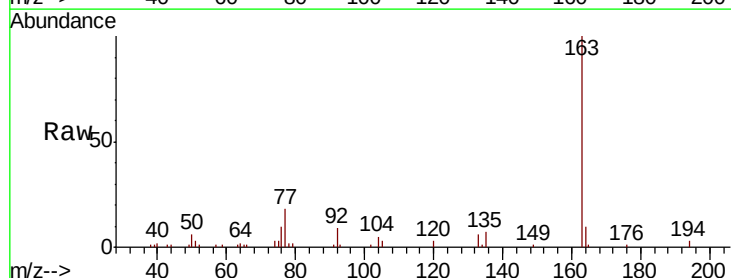


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

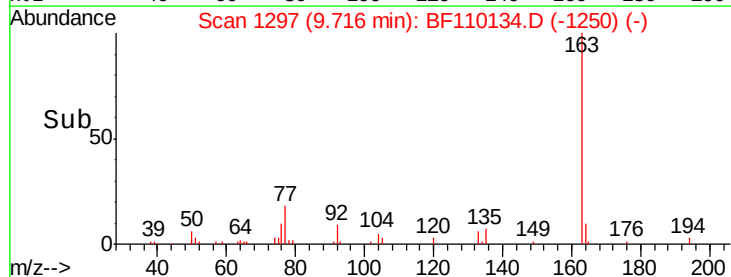
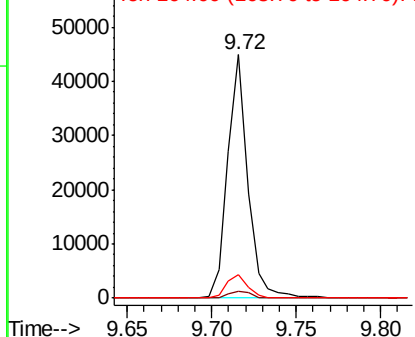


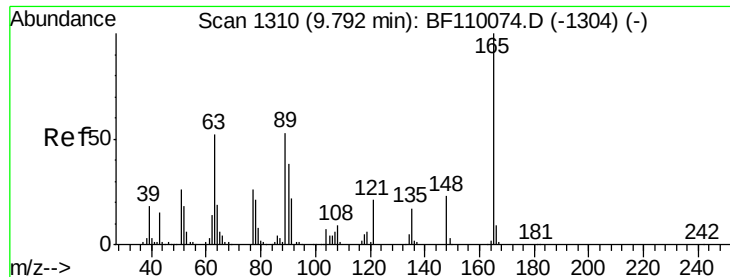
#50
Dimethylphthalate
Concen: 2.549 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:163 Resp: 37352
Ion Ratio Lower Upper
163 100
194 3.1 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: 8.209 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

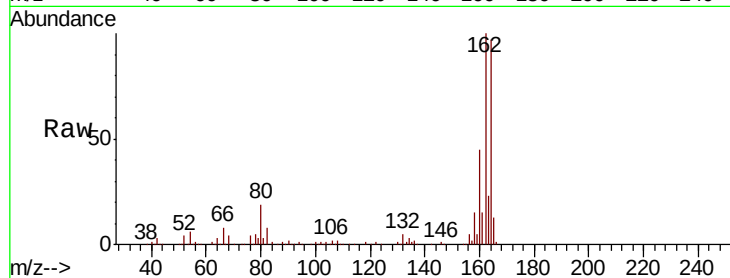
Tot Ion:165 Resp: 25906

Ion Ratio Lower Upper

165 100

63 1.2 48.9 73.3#

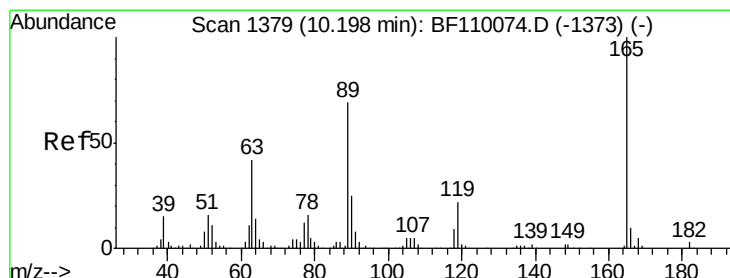
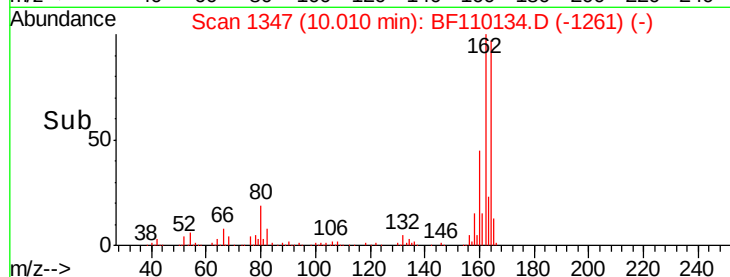
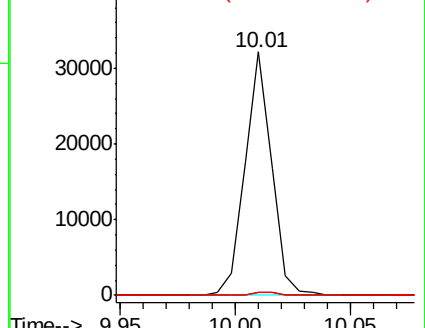
89 1.4 46.6 69.8#



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: 6.463 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

Tgt Ion:165 Resp: 25906

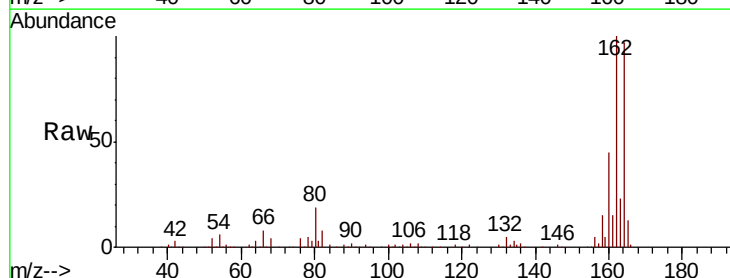
Ion Ratio Lower Upper

165 100

63 1.2 44.8 67.2#

89 1.4 62.2 93.4#

182 0.0 2.1 3.1#

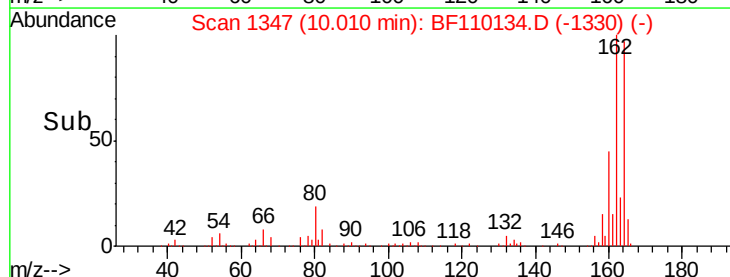
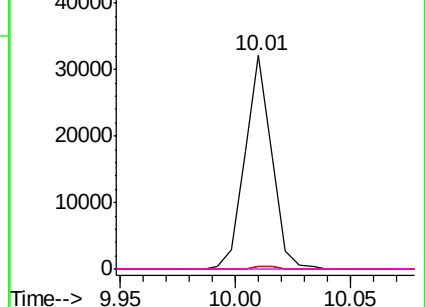


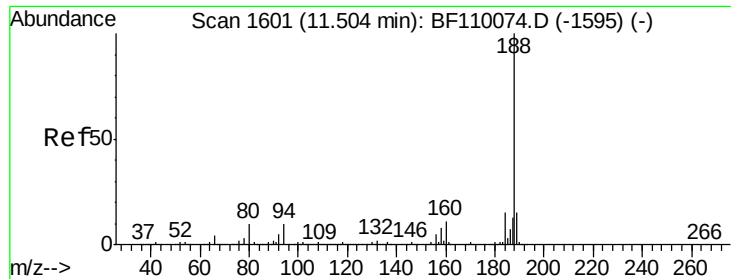
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

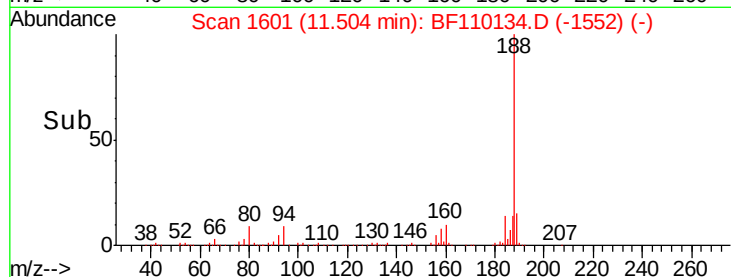
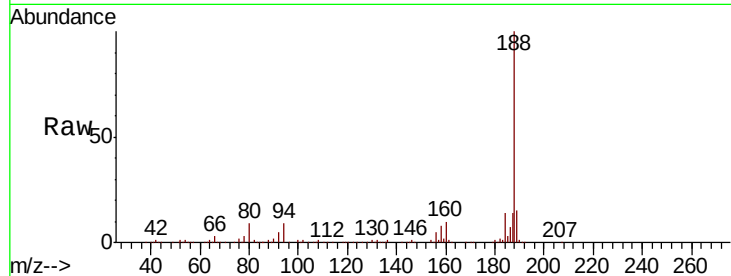
Tot Ion:188 Resp: 325031

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

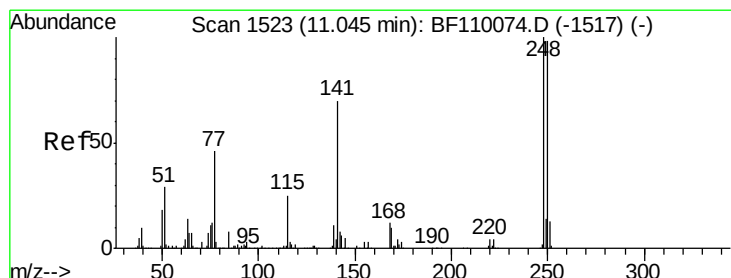
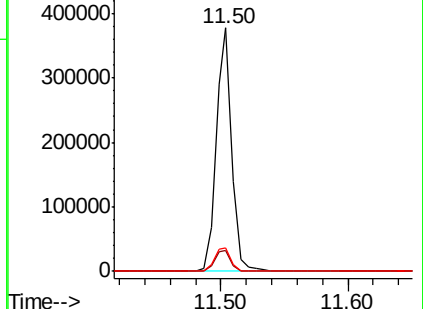
80 9.4 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.503 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.26 min

Lab File: BF110134.D

Acq: 25 Oct 2018 00:59

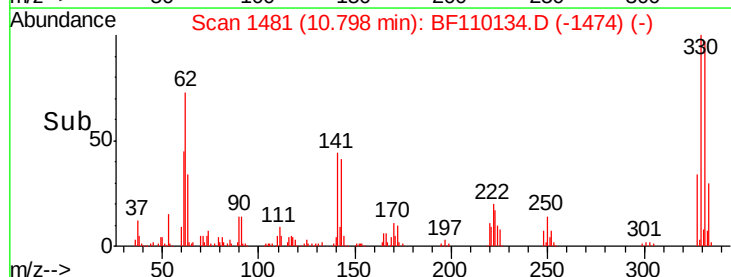
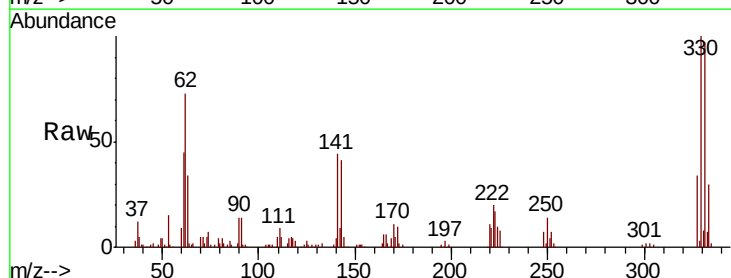
Tgt Ion:248 Resp: 8823

Ion Ratio Lower Upper

248 100

250 191.0 79.4 119.2#

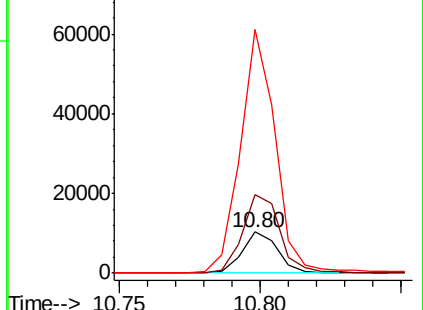
141 597.1 55.9 83.9#

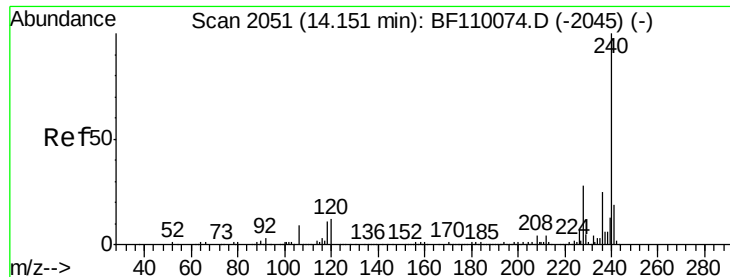


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

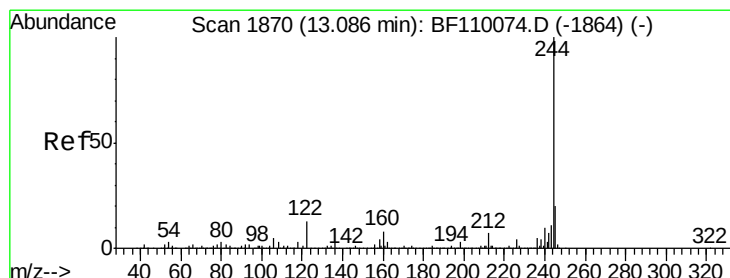
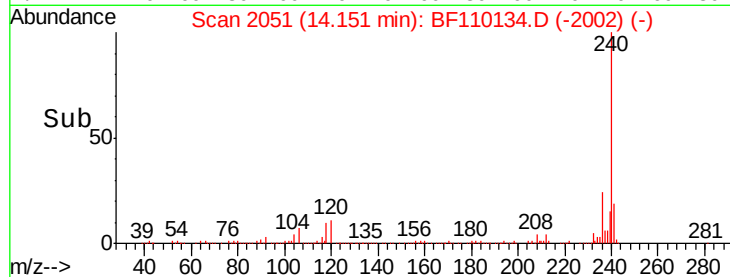
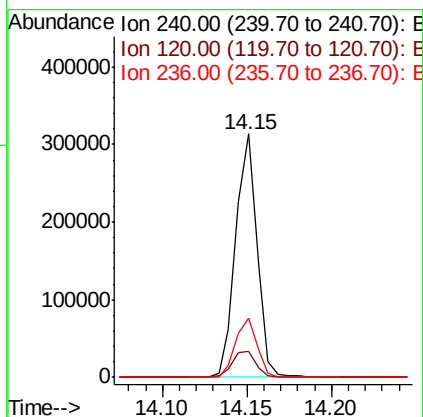
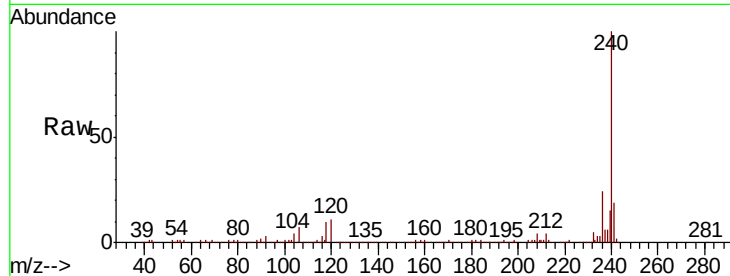




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110134.D
 Acq: 25 Oct 2018 00:59

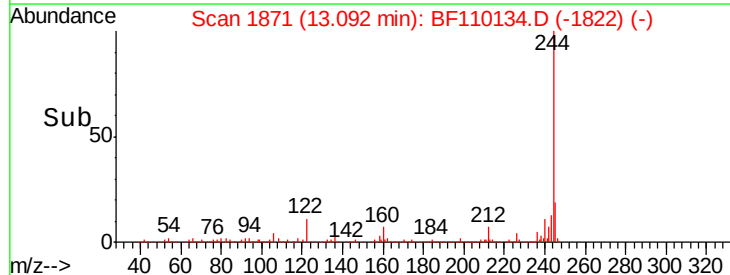
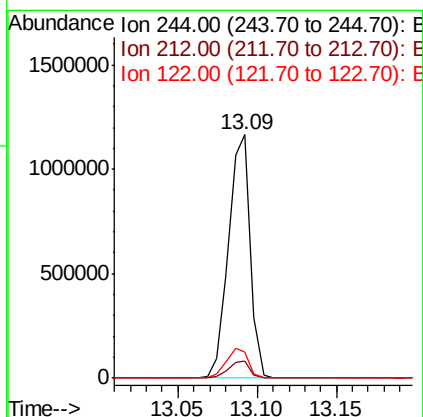
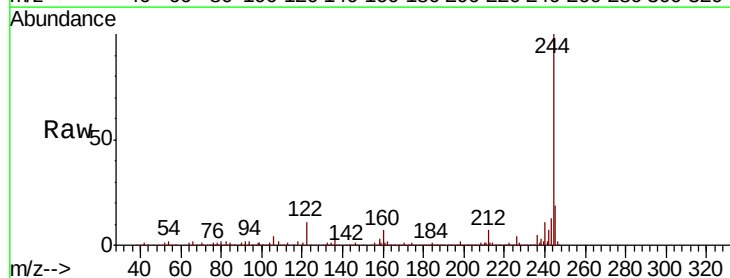
Instrument :
 BNA_F
 ClientSampleId :

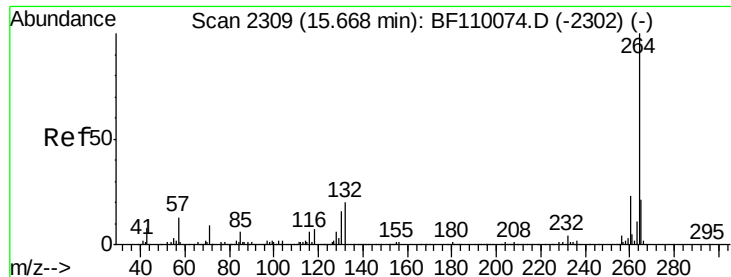
Tot Ion:240 Resp: 275790
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 24.2 21.2 31.8



#79
 Terphenyl-d14
 Concen: 83.418 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110134.D
 Acq: 25 Oct 2018 00:59

Tgt Ion:244 Resp: 1106208
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.6 8.7 13.1

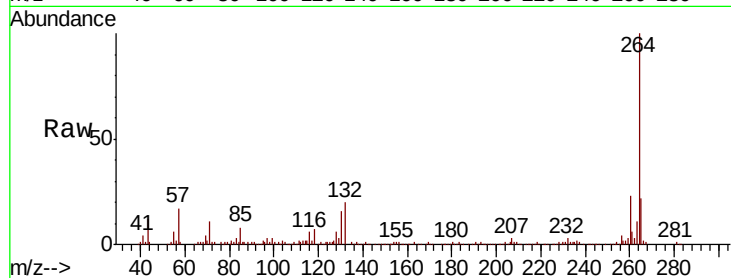




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110134.D
 Acq: 25 Oct 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.0	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

