

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110144.D
 Acq On : 25 Oct 2018 5:32
 Operator : JU/SJ
 Sample : J5640-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:26:03 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

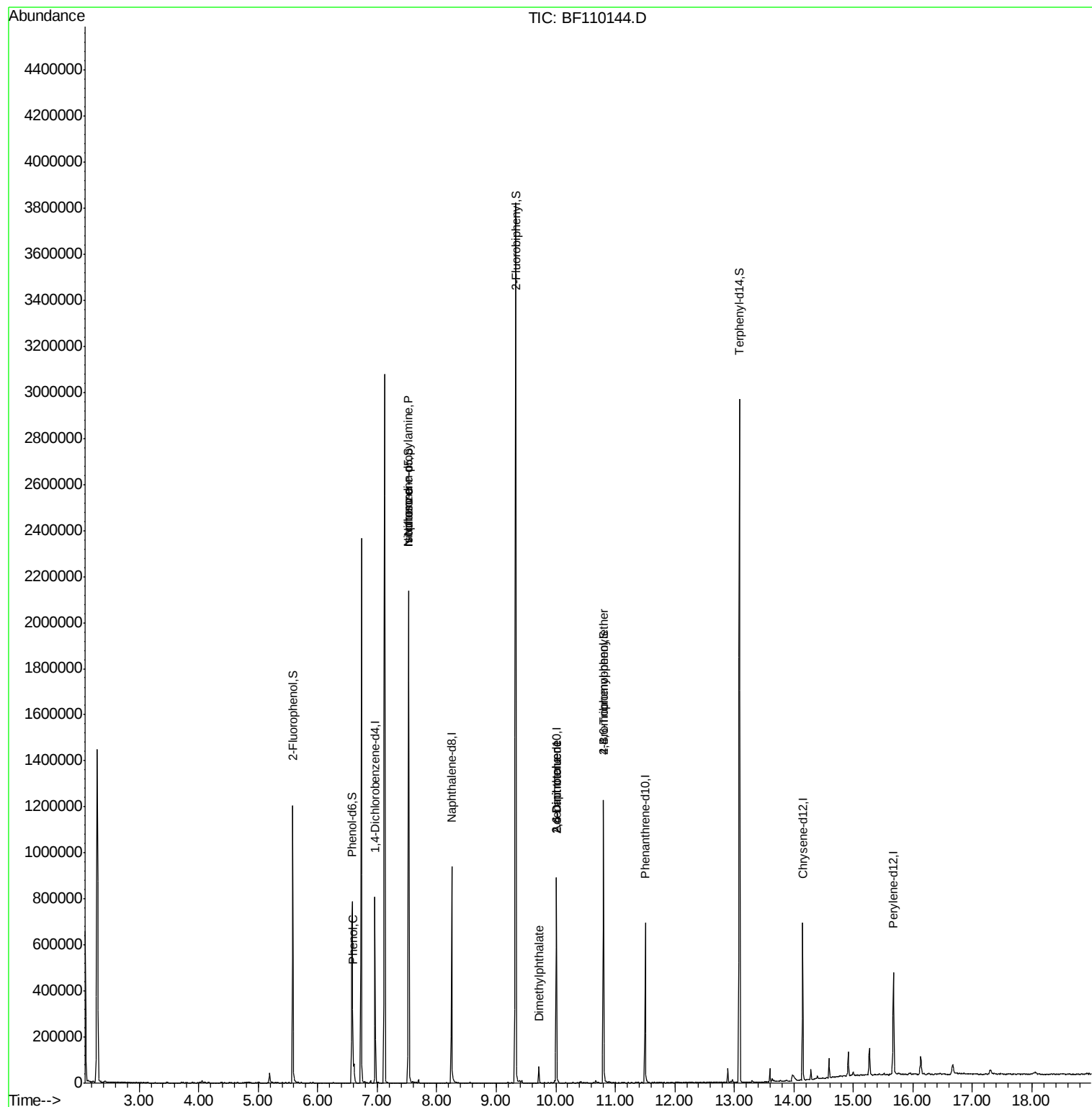
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123075	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431474	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	166945	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	272575	20.00	ng	0.00
76) Chrysene-d12	14.14	240	241306	20.00	ng	0.00
87) Perylene-d12	15.67	264	171107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	326537	43.21	ng	0.00
7) Phenol-d6	6.58	99	245100	25.35	ng	0.00
23) Nitrobenzene-d5	7.53	82	735153	101.06	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	133699	80.85	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1220491	114.80	ng	0.00
79) Terphenyl-d14	13.09	244	940426	81.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	726	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	43288	4.189 ng	#	61
19) n-Nitroso-di-n-propylamine	7.53	70	96757	15.601 ng	#	80
25) Isophorone	7.53	82	735148	59.285 ng	#	67
50) Dimethylphthalate	9.72	163	31143	2.527 ng		99
51) 2,6-Dinitrotoluene	10.01	165	21203	7.987 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	21203	6.288 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	8444	2.856 ng	#	1

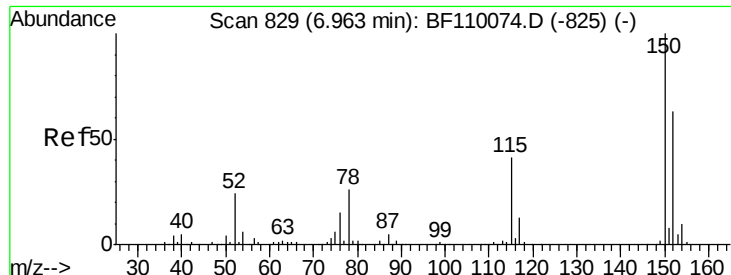
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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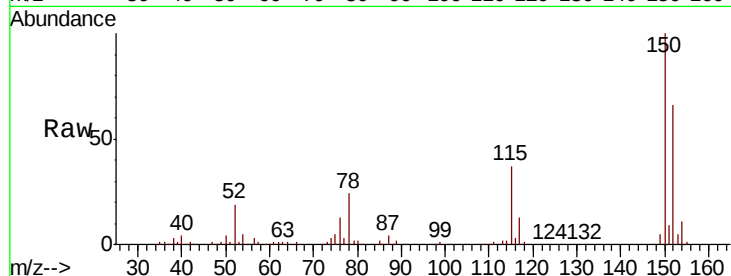


#1

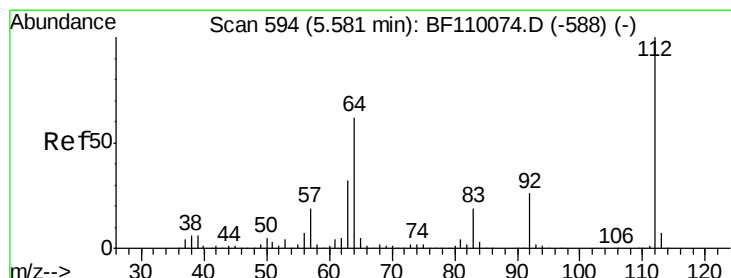
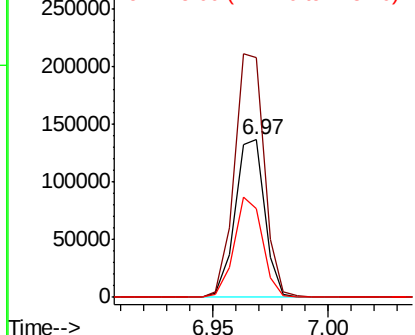
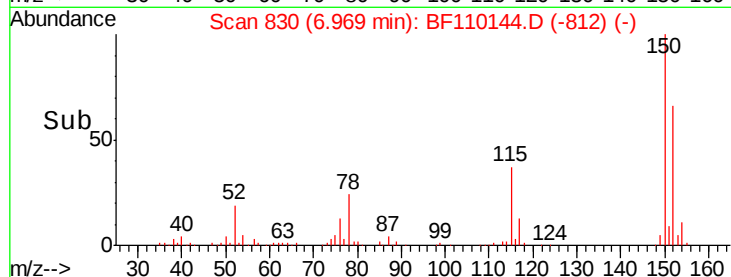
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.7	184.1
115	56.6	49.1	73.7



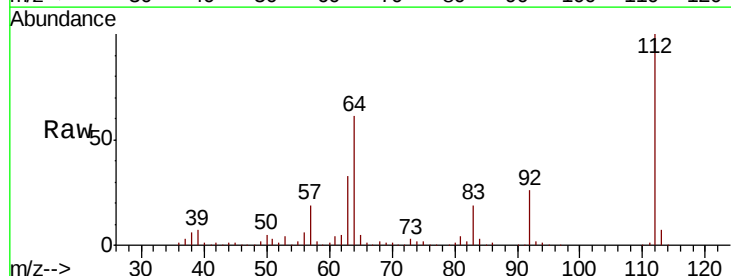
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



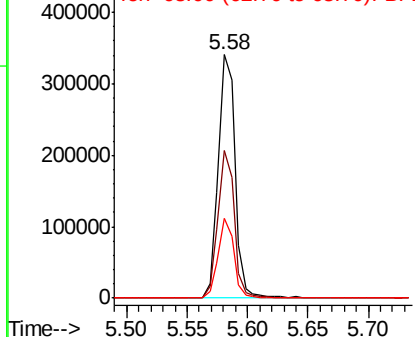
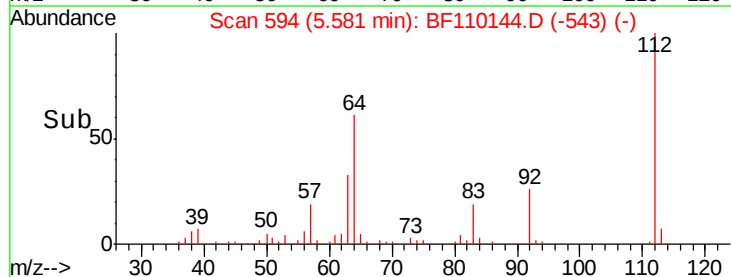
#5

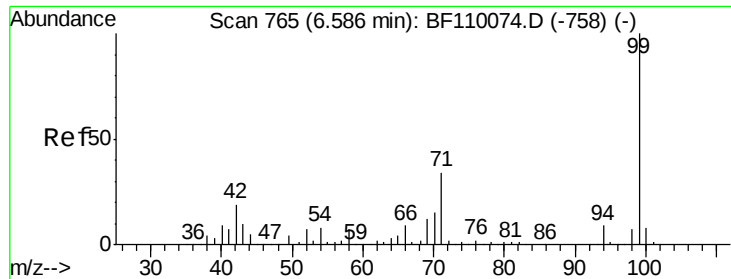
2-Fluorophenol
Concen: 43.205 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	32.8	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: 25.354 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110144.D

Acq: 25 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

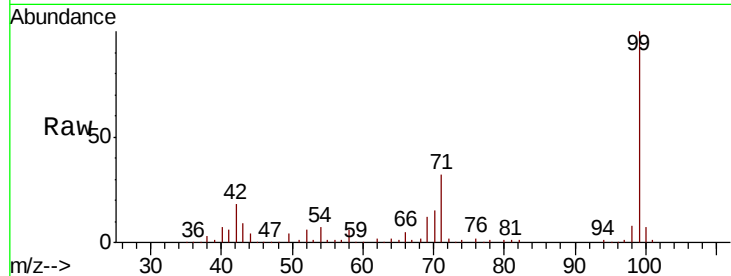
Tot Ion: 99 Resp: 245100

Ion Ratio Lower Upper

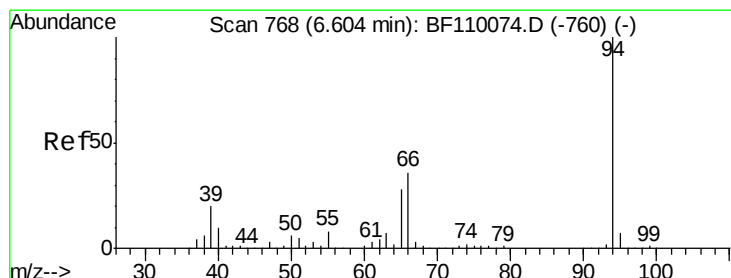
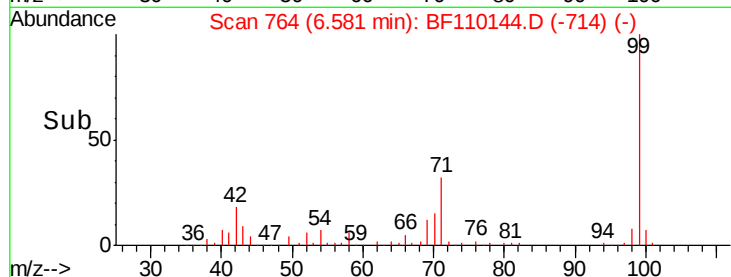
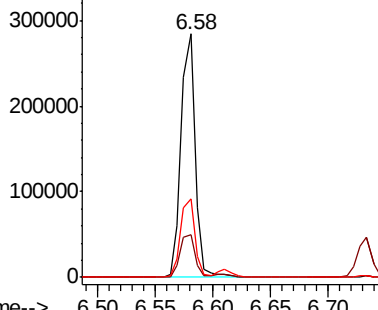
99 100

42 17.6 15.8 23.6

71 32.2 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: 4.189 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110144.D

Acq: 25 Oct 2018 5:32

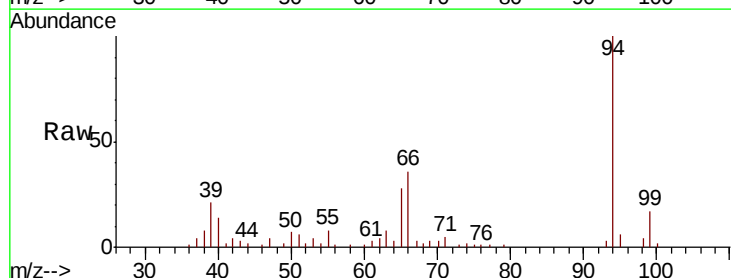
Tgt Ion: 94 Resp: 43288

Ion Ratio Lower Upper

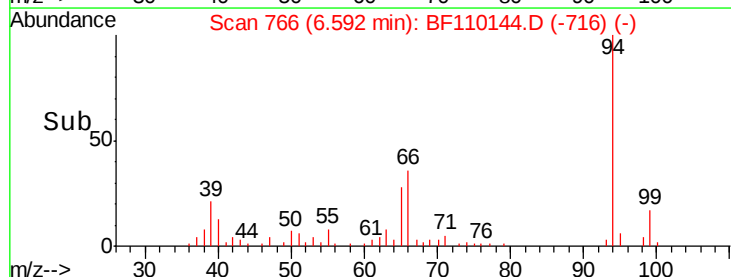
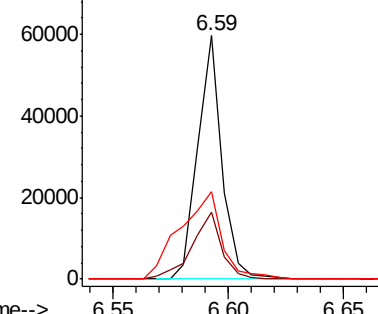
94 100

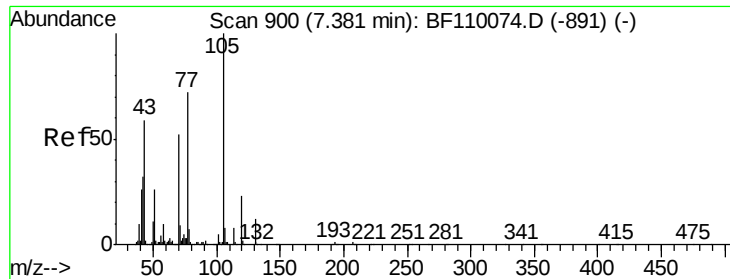
65 27.7 25.3 65.3

66 35.7 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

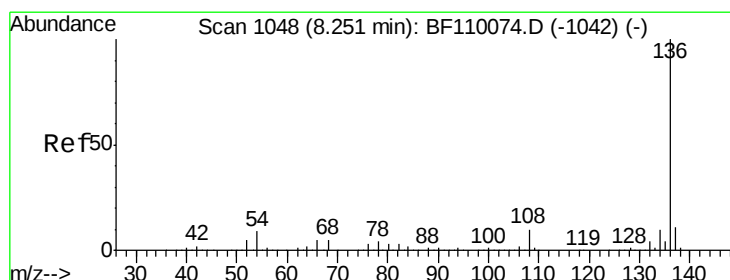
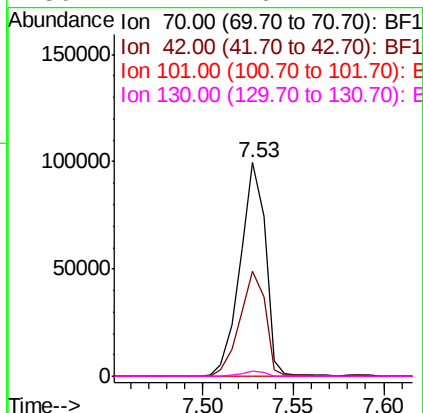
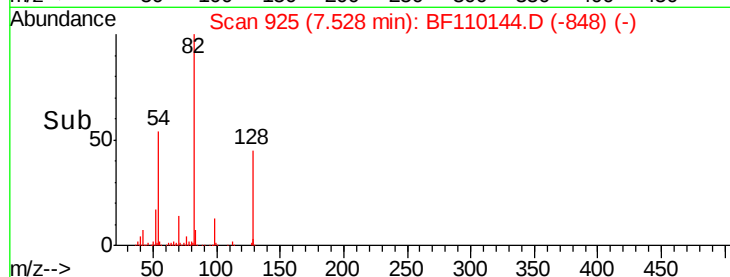
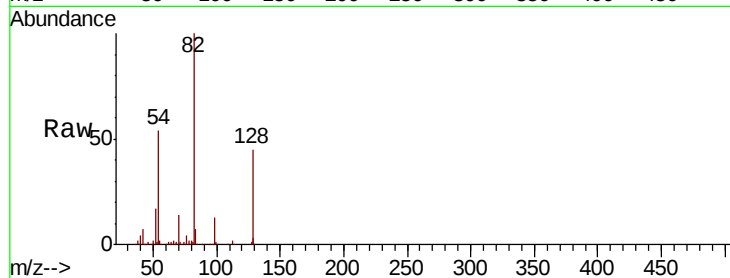




#19
n-Nitroso-di-n-propylamine
Concen: 15.601 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

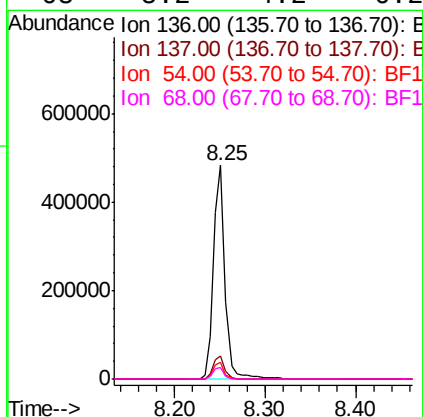
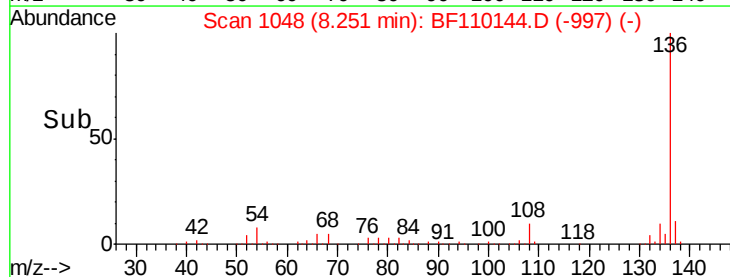
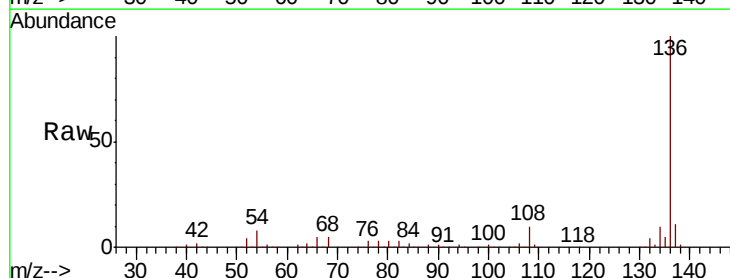
Instrument :
BNA_F
ClientSampleId :

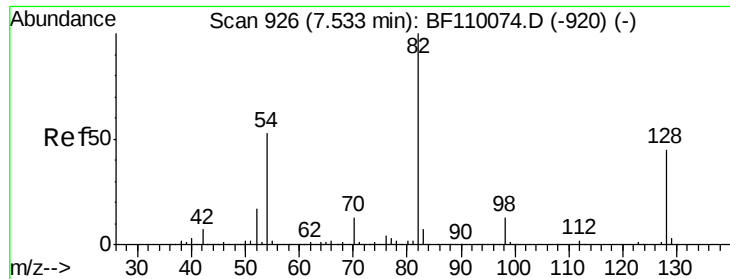
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.4	8.2
68	5.2	4.2	6.2

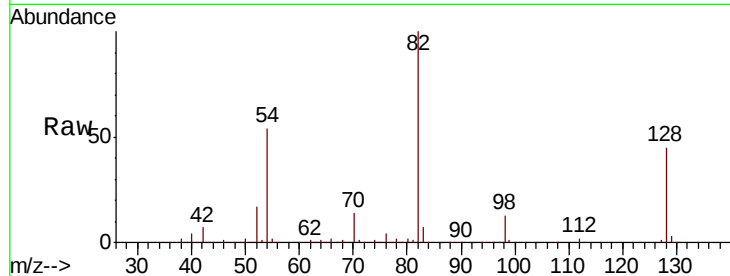




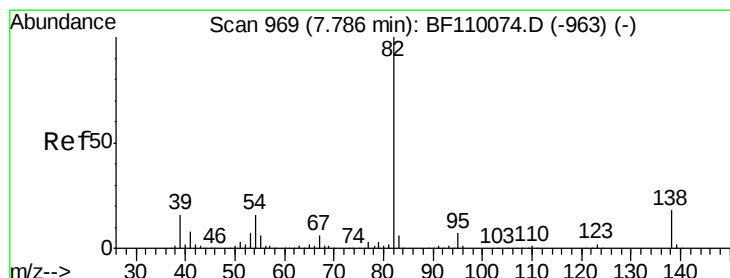
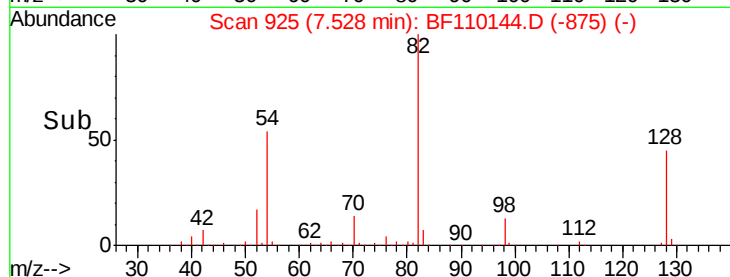
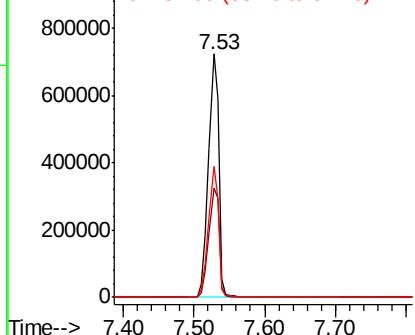
#23
 Nitrobenzene-d5
 Concen: 101.059 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110144.D
 Acq: 25 Oct 2018 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	735153
Ion Ratio	100	Lower	Upper
128	44.8	34.2	51.2
54	53.8	38.6	58.0

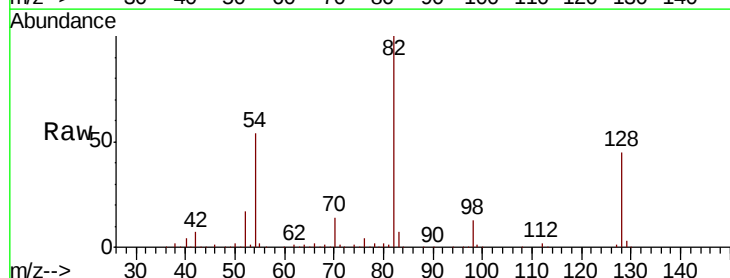


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

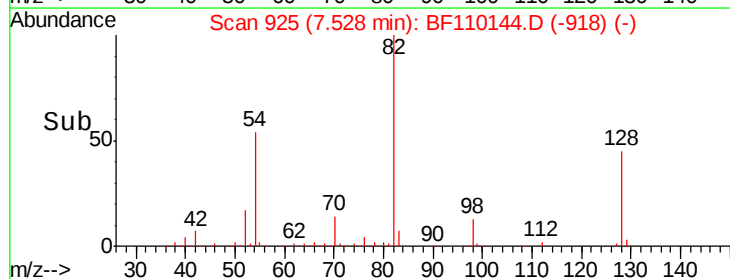
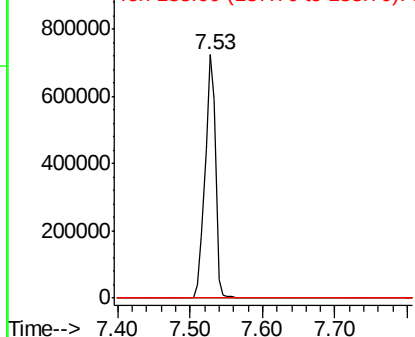


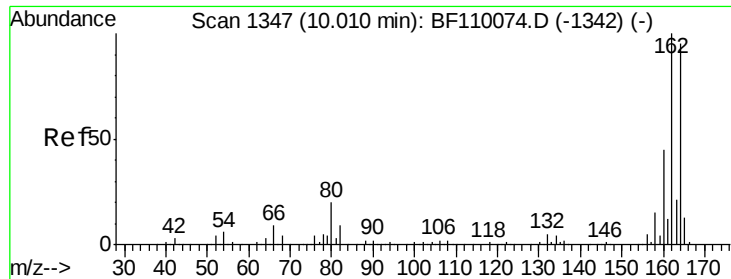
#25
 Isophorone
 Concen: 59.285 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF110144.D
 Acq: 25 Oct 2018 5:32

Tgt Ion	82	Resp	735148
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: BF110144.D

Acq: 25 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

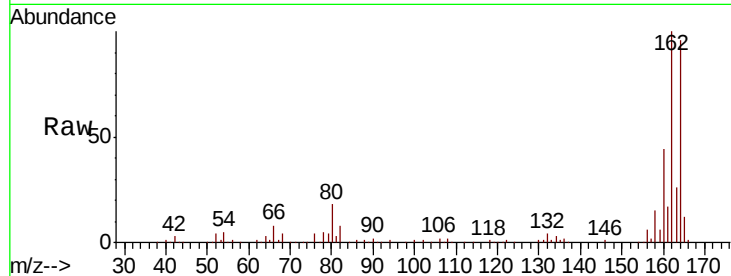
Tot Ion:164 Resp: 166945

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

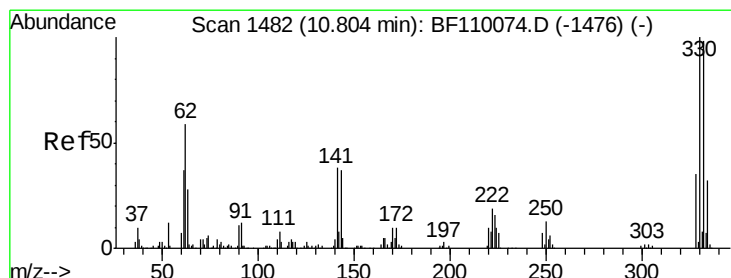
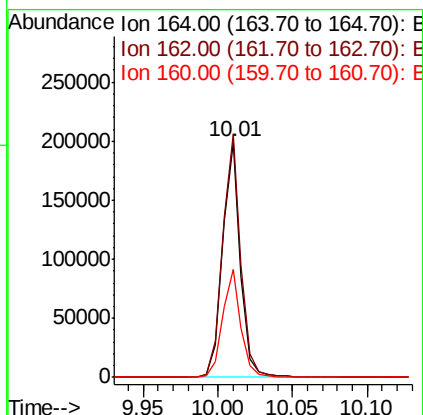
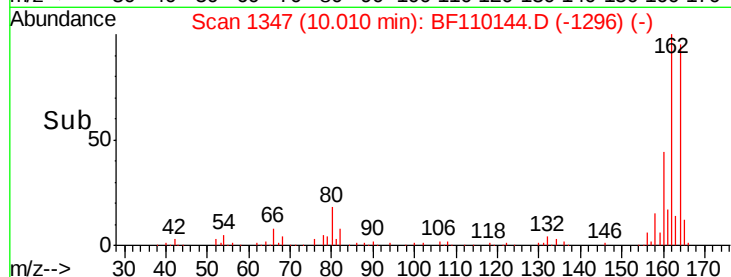
160 46.0 37.0 55.6



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: 80.848 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110144.D

Acq: 25 Oct 2018 5:32

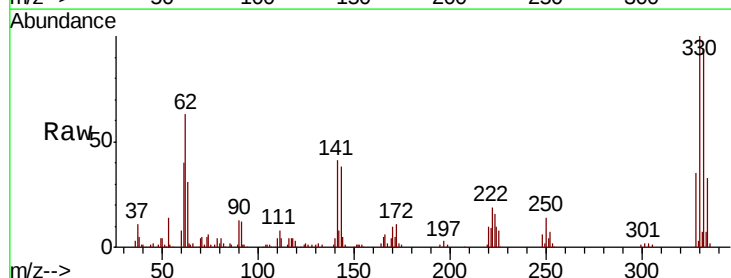
Tgt Ion:330 Resp: 133699

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

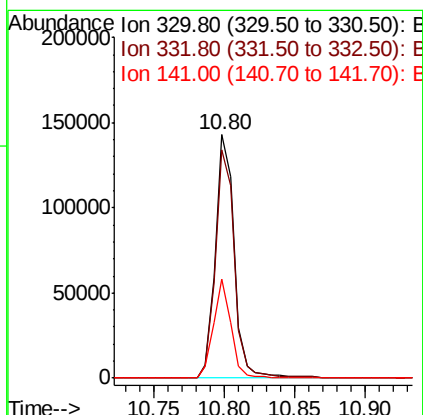
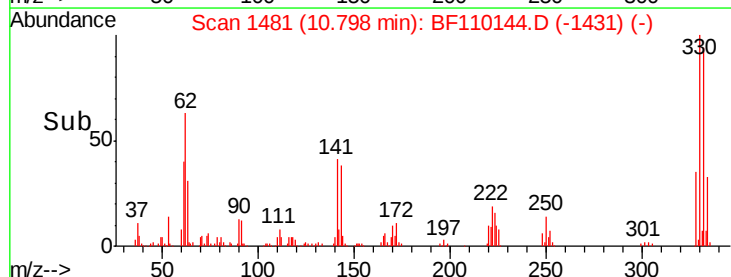
141 37.8 27.0 40.4

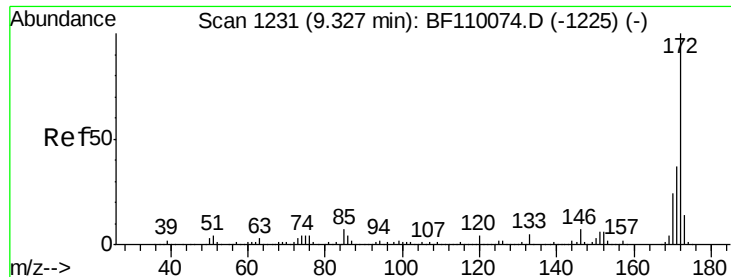


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

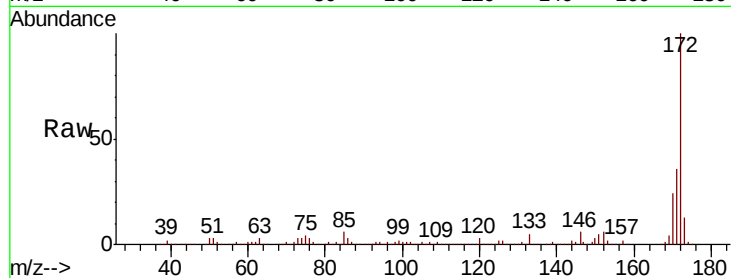




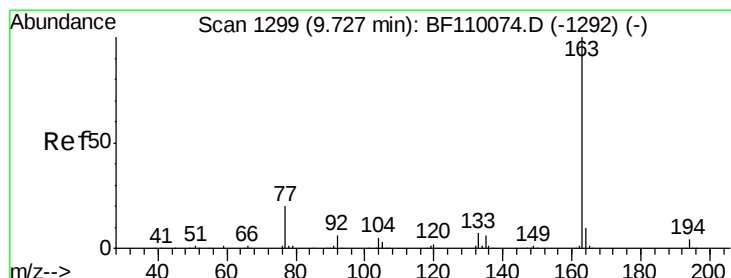
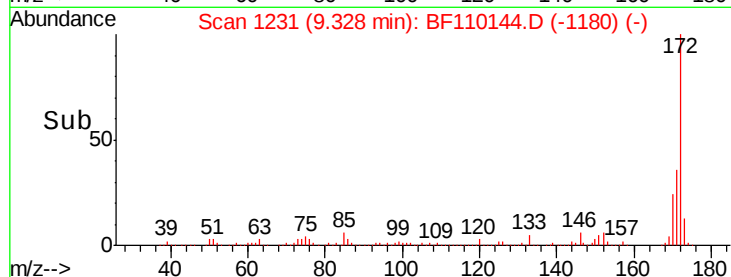
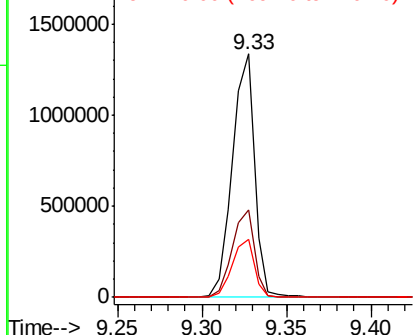
#45
2-Fluorobiphenyl
Concen: 114.797 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1220491
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.7 29.5

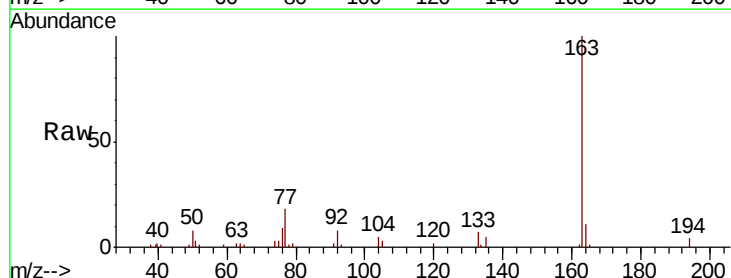


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

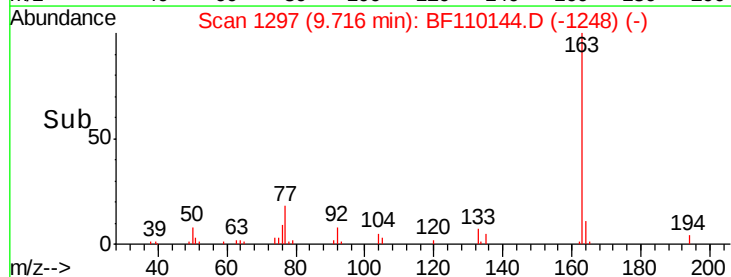
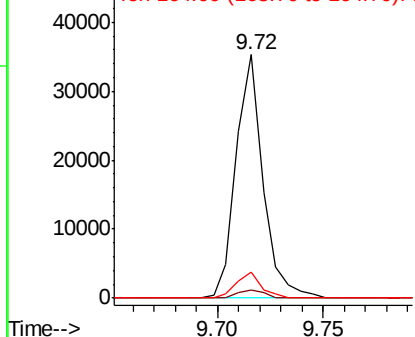


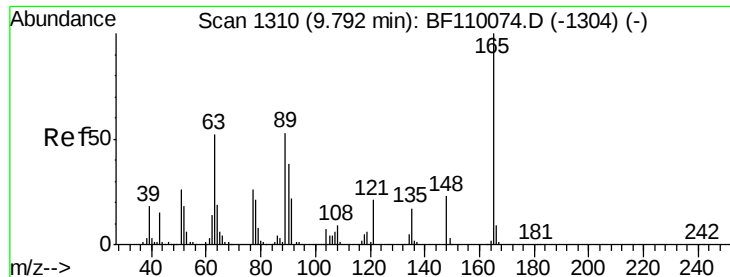
#50
Dimethylphthalate
Concen: 2.527 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Tgt Ion:163 Resp: 31143
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.5 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: 7.987 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF110144.D

Acq: 25 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

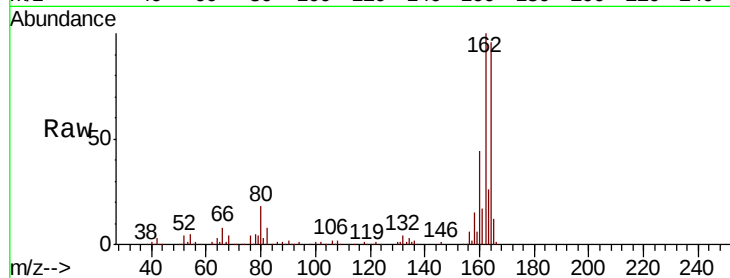
Tot Ion:165 Resp: 21203

Ion Ratio Lower Upper

165 100

63 2.1 48.9 73.3#

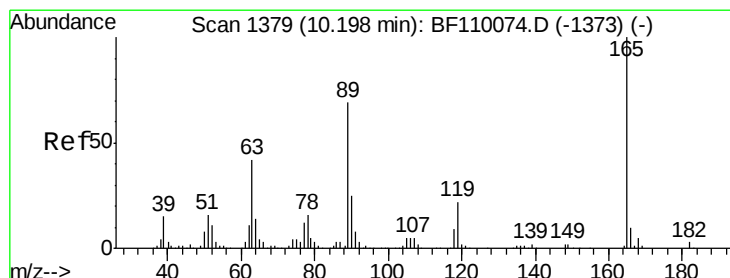
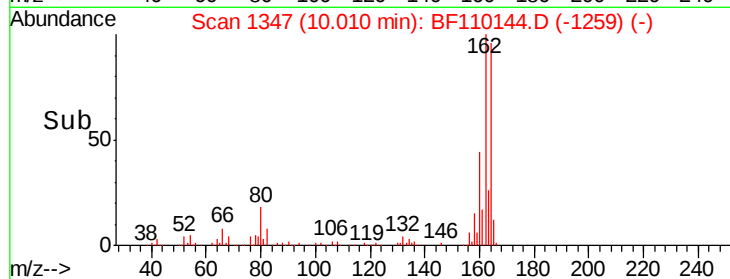
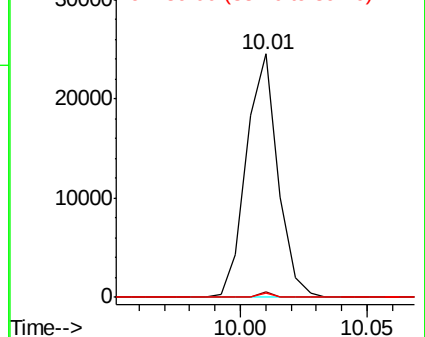
89 1.5 46.6 69.8#



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: 6.288 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF110144.D

Acq: 25 Oct 2018 5:32

Tgt Ion:165 Resp: 21203

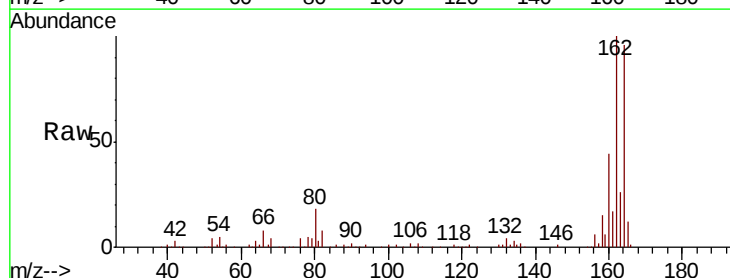
Ion Ratio Lower Upper

165 100

63 2.1 44.8 67.2#

89 1.5 62.2 93.4#

182 0.0 2.1 3.1#

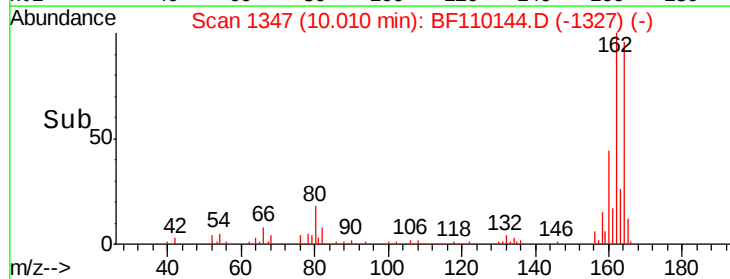
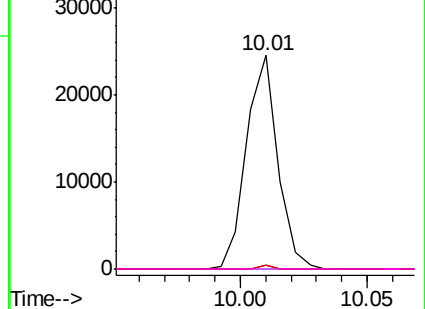


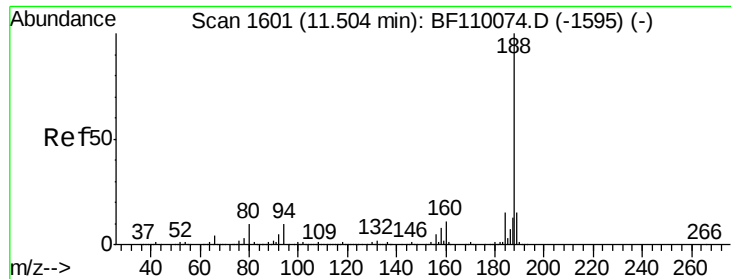
Abundance Ion 165.00 (164.70 to 165.70): E

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

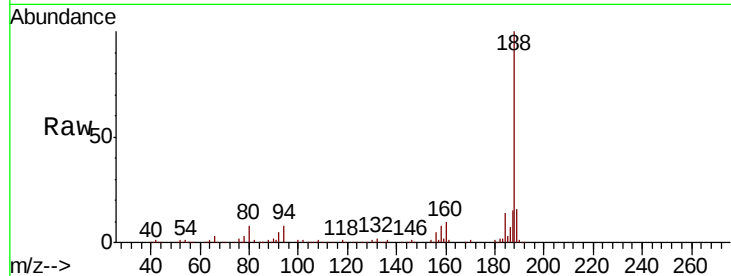




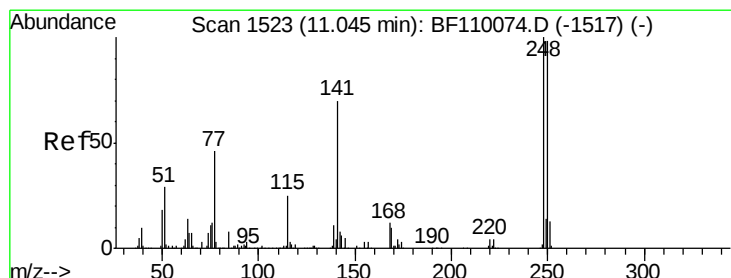
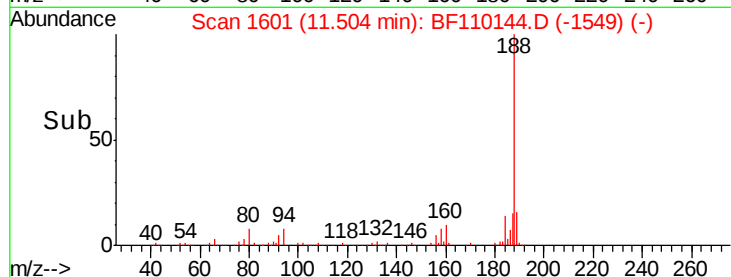
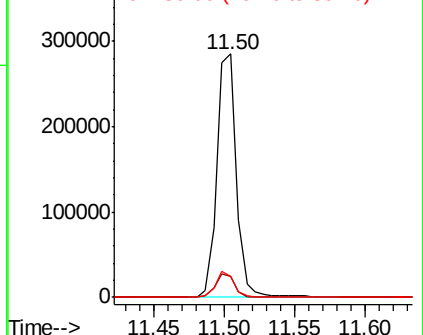
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 272575
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.4 7.9 11.9

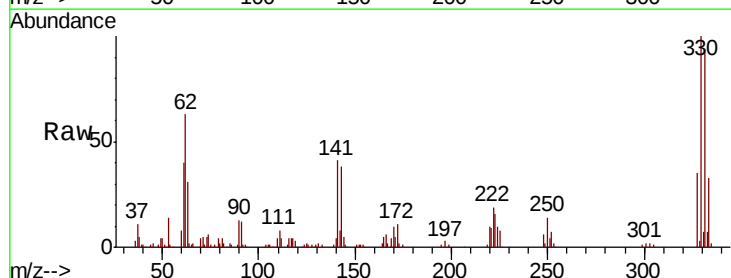


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

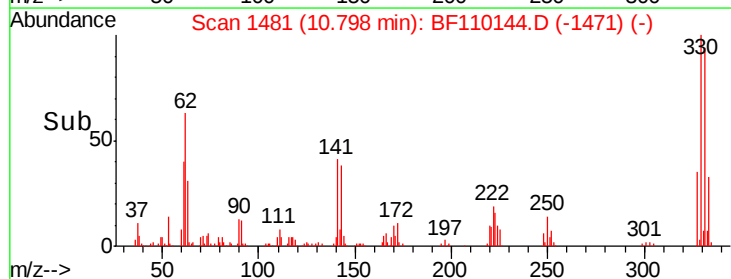
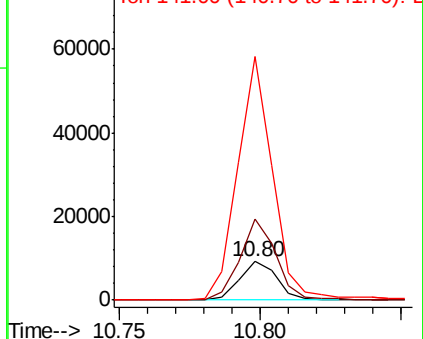


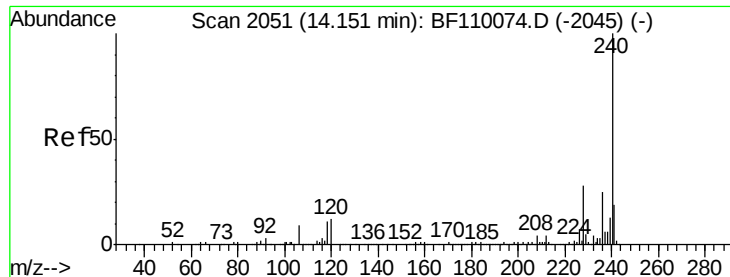
#67
4-Bromophenyl-phenylether
Concen: 2.856 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Tgt Ion:248 Resp: 8444
Ion Ratio Lower Upper
248 100
250 208.9 79.4 119.2#
141 629.9 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

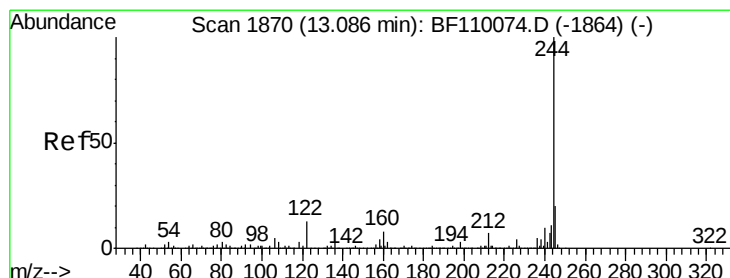
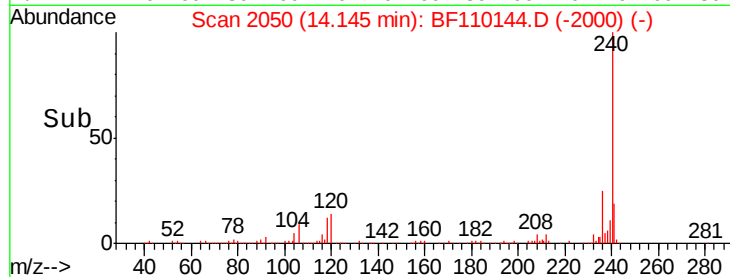
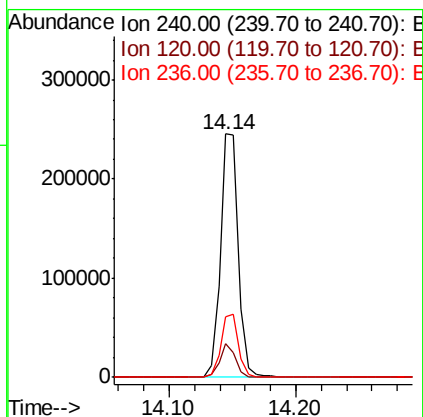
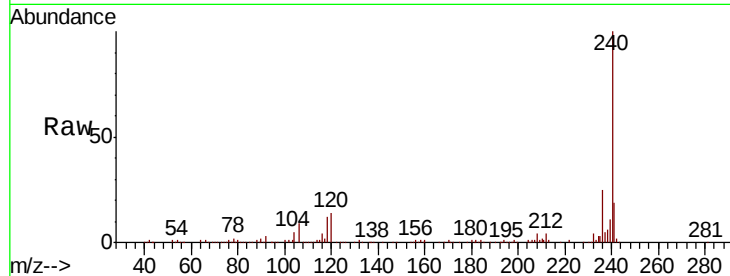




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF110144.D
 Acq: 25 Oct 2018 5:32

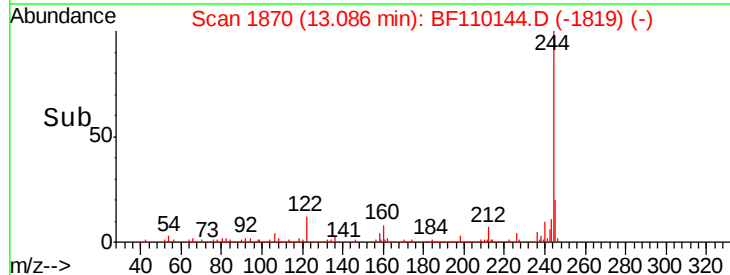
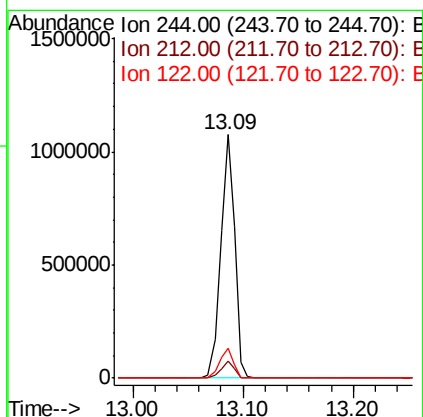
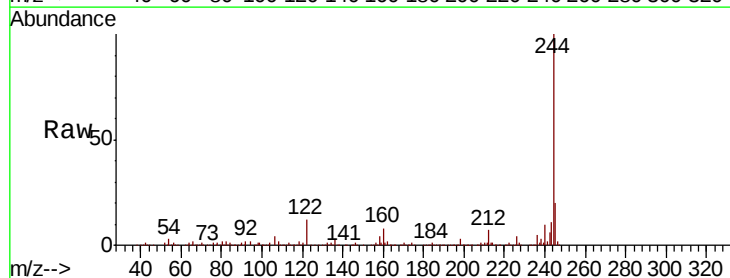
Instrument :
 BNA_F
 ClientSampleId :

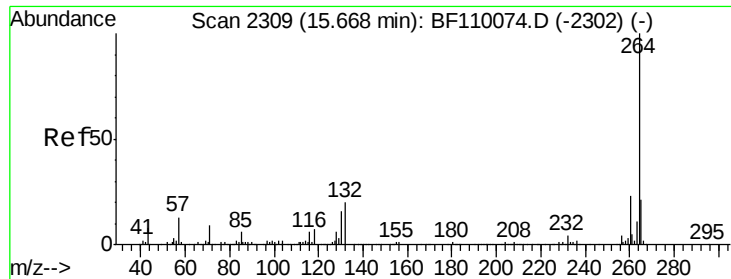
Tot Ion:240 Resp: 241306
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 25.1 21.2 31.8



#79
 Terphenyl-d14
 Concen: 81.051 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF110144.D
 Acq: 25 Oct 2018 5:32

Tgt Ion:244 Resp: 940426
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.3 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110144.D
Acq: 25 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.2	16.7	25.1

