

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110135.D
 Acq On : 25 Oct 2018 1:26
 Operator : JU/SJ
 Sample : J5640-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:16:05 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

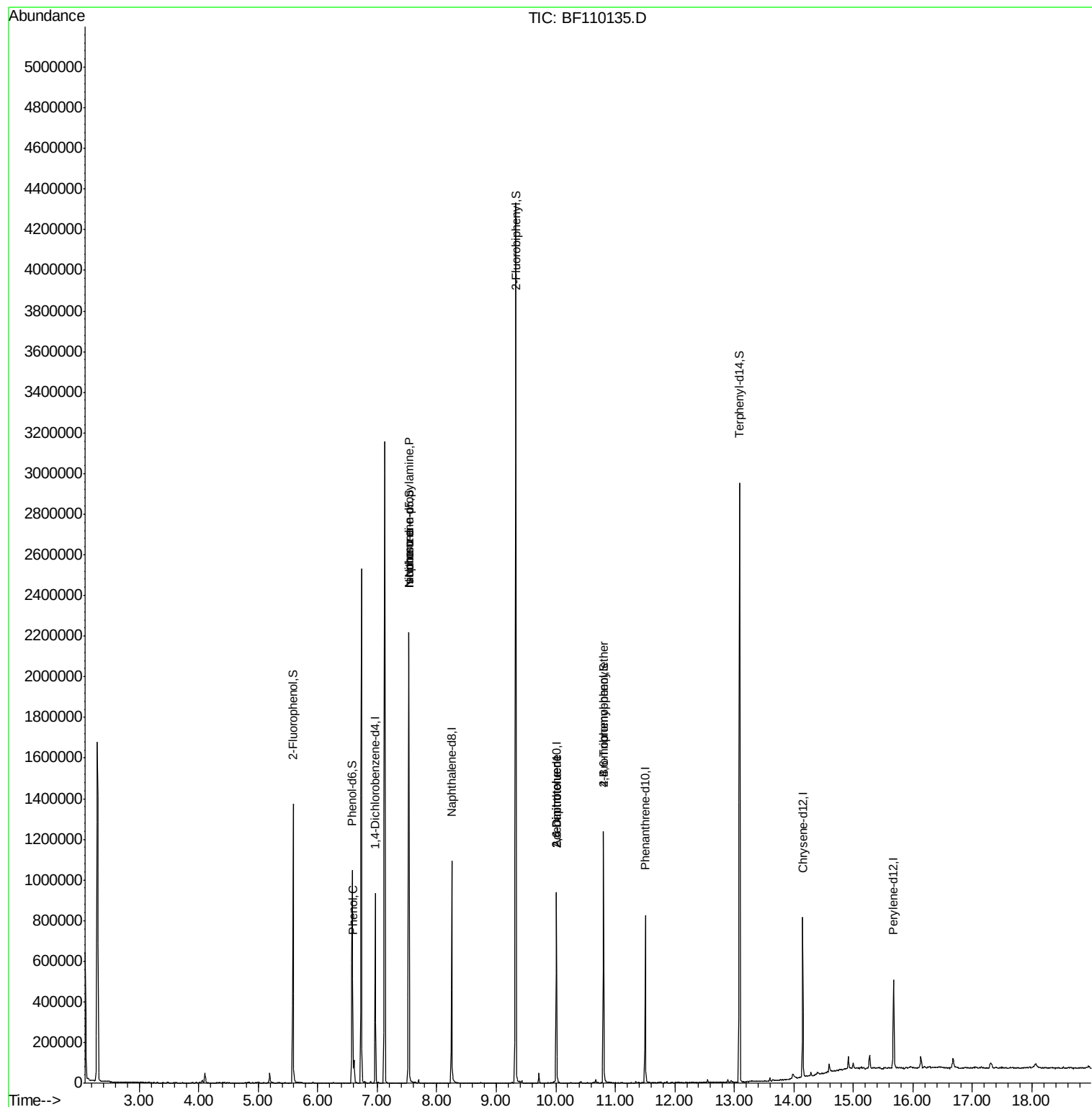
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135222	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	473079	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	180106	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	298312	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	252237	20.00	ng	-0.01
87) Perylene-d12	15.67	264	174935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	362449	43.65	ng	-0.01
7) Phenol-d6	6.58	99	299695	28.22	ng	-0.02
23) Nitrobenzene-d5	7.53	82	761273	95.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	141380	79.25	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1278175	111.44	ng	-0.01
79) Terphenyl-d14	13.09	244	1040539	85.79	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.58	77	661	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	24341	2.144 ng	#	66
19) n-Nitroso-di-n-propylamine	7.53	70	103023	15.120 ng	#	78
25) Isophorone	7.53	82	761257	55.992 ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	22746	7.943 ng	#	22
57) 2,4-Dinitrotoluene	10.01	165	22746	6.253 ng	#	18
67) 4-Bromophenyl-phenylether	10.80	248	8950	2.766 ng	#	1

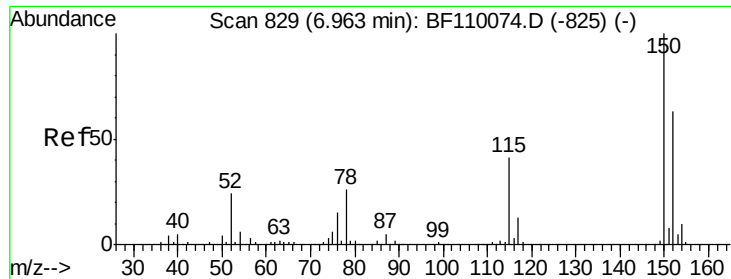
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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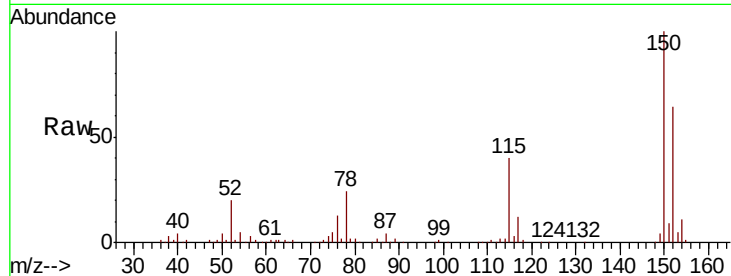


#1

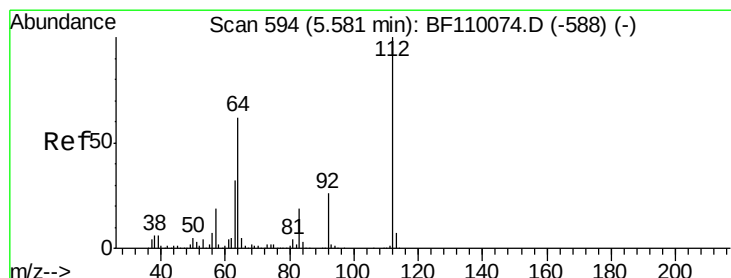
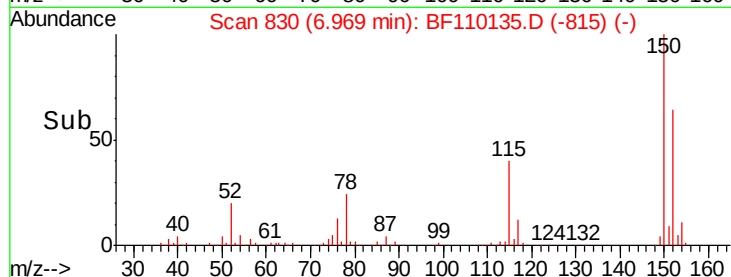
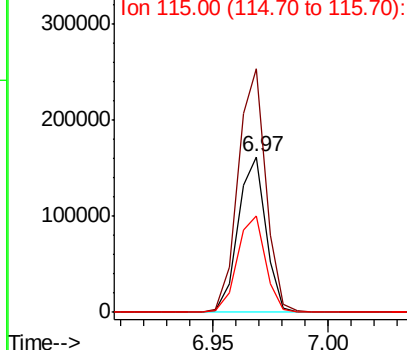
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	62.1	49.1	73.7



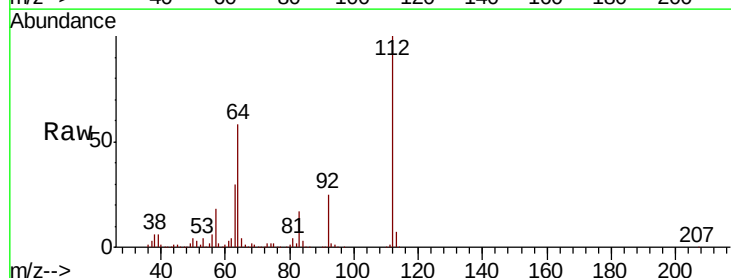
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



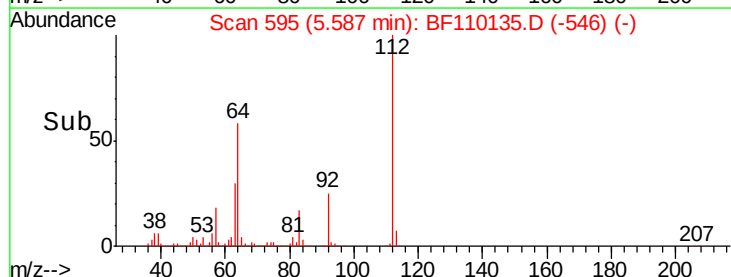
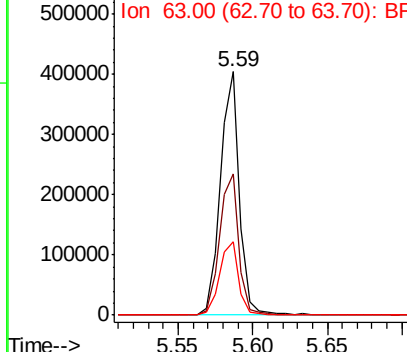
#5

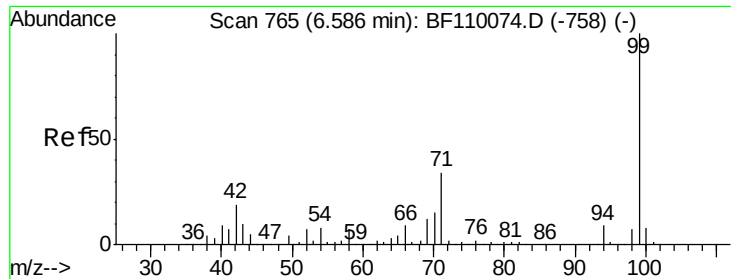
2-Fluorophenol
Concen: 43.649 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	30.1	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: 28.217 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110135.D

Acq: 25 Oct 2018 1:26

Instrument :

BNA_F

ClientSampled :

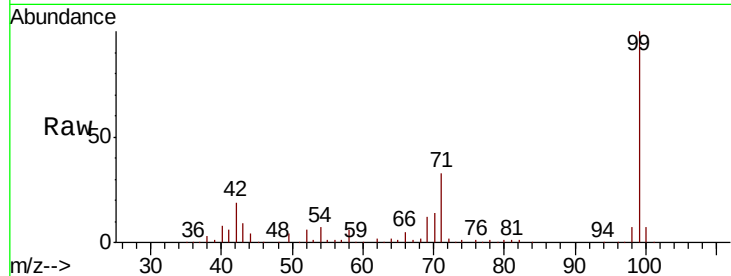
Tot Ion: 99 Resp: 299695

Ion Ratio Lower Upper

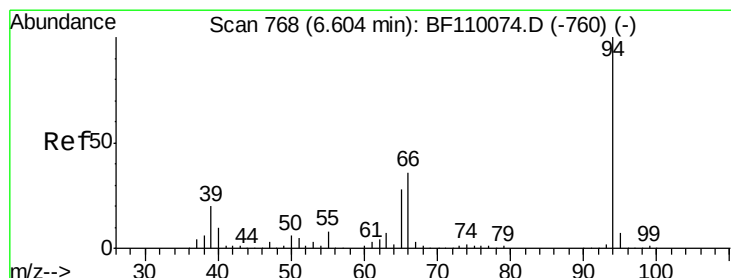
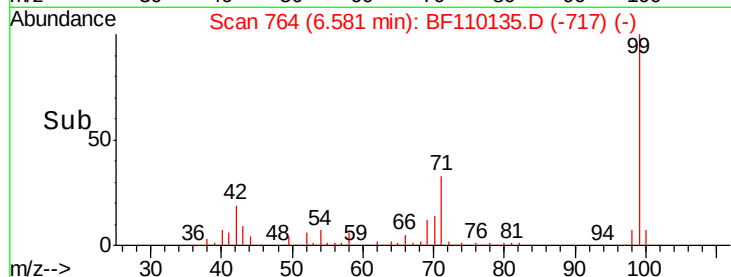
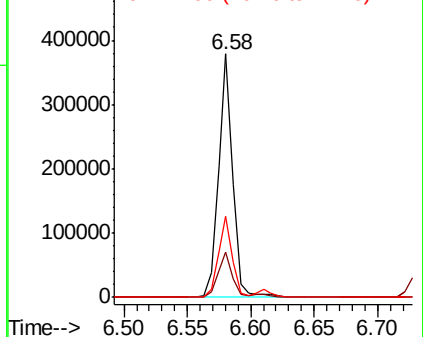
99 100

42 18.7 15.8 23.6

71 33.2 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: 2.144 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110135.D

Acq: 25 Oct 2018 1:26

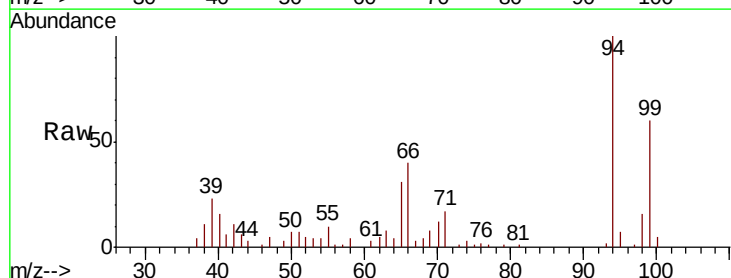
Tgt Ion: 94 Resp: 24341

Ion Ratio Lower Upper

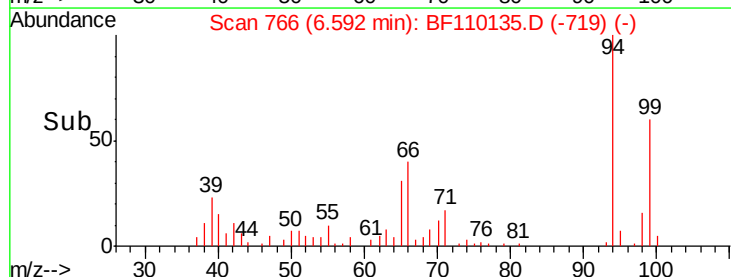
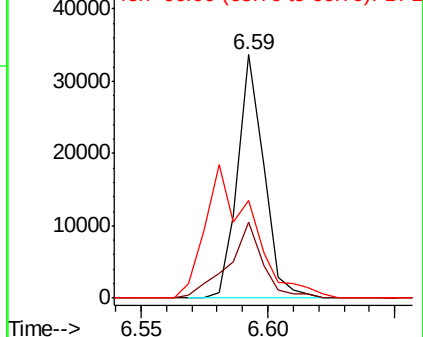
94 100

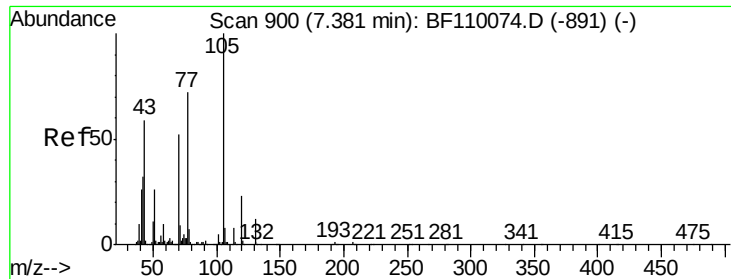
65 31.0 25.3 65.3

66 39.9 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

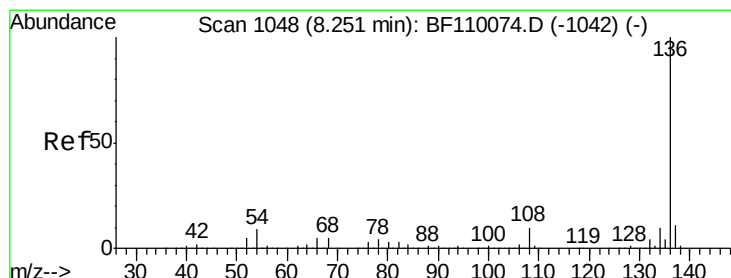
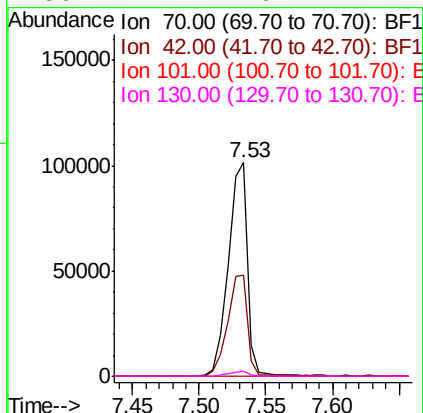
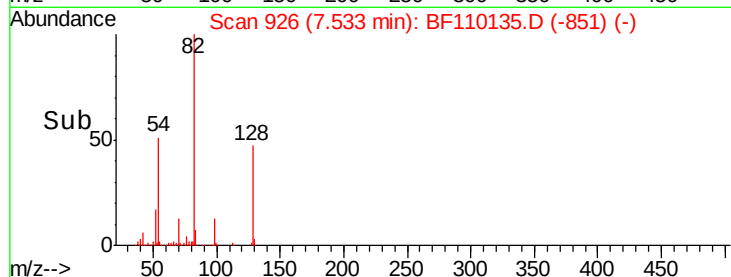
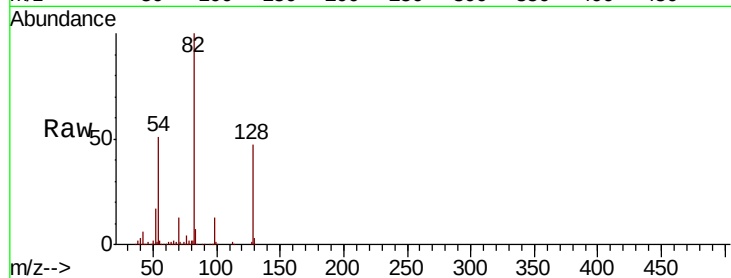




#19
n-Nitroso-di-n-propylamine
Concen: 15.120 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

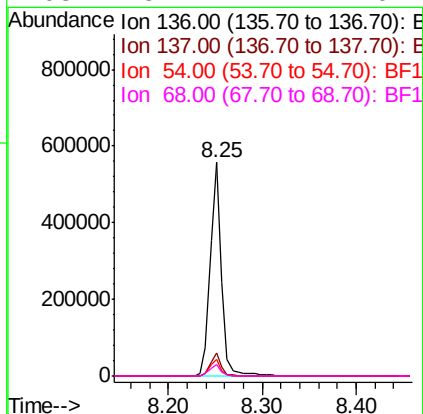
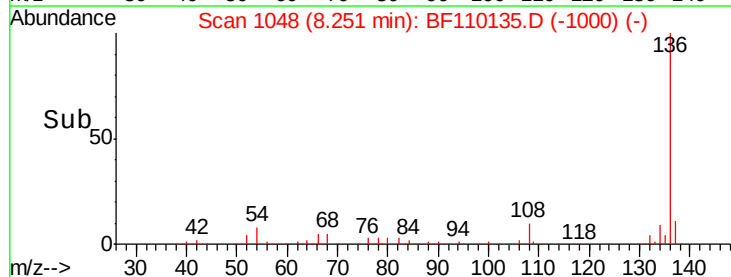
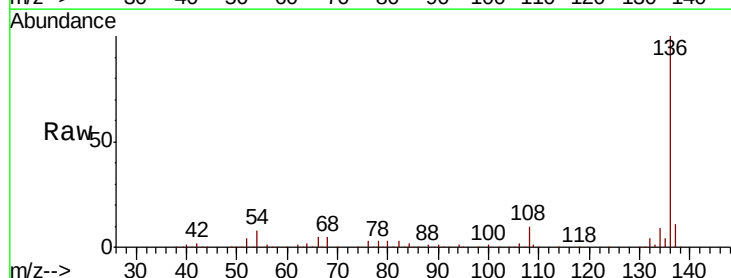
Instrument :
BNA_F
ClientSampleId :

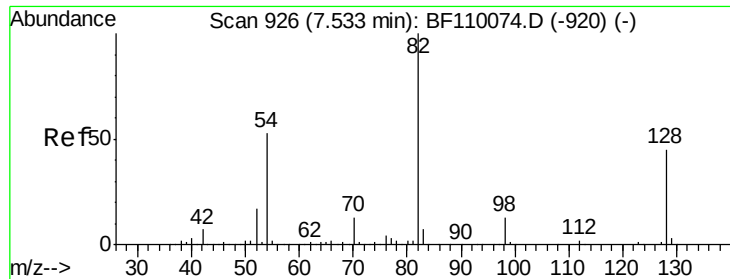
Tot Ion: 70 Resp: 103023
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

Tgt Ion: 136 Resp: 473079
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.4 8.2
68 5.4 4.2 6.2

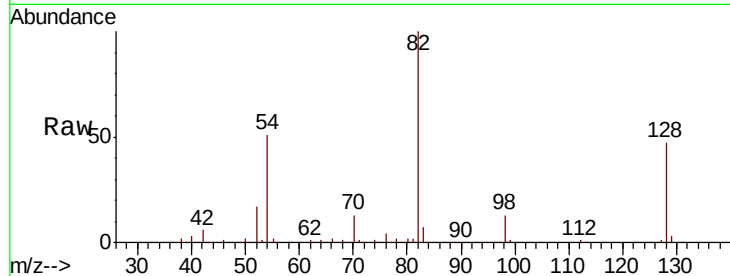




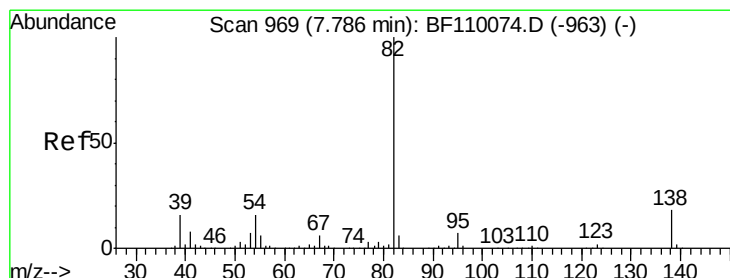
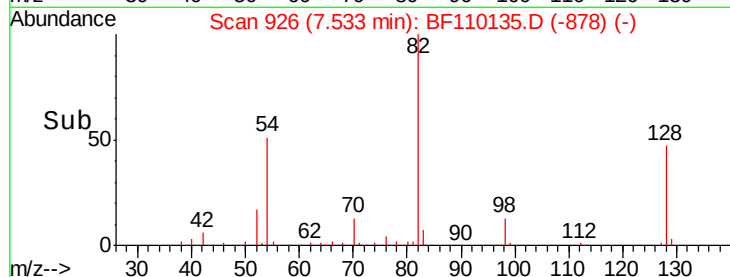
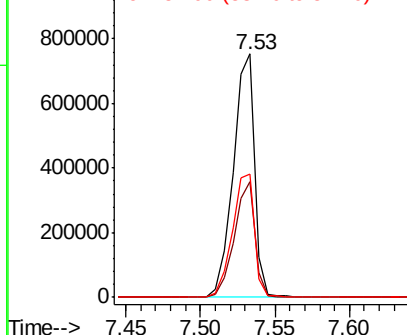
#23
Nitrobenzene-d5
Concen: 95.446 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	761273
Ion Ratio	100	Lower	Upper
128	47.5	34.2	51.2
54	50.8	38.6	58.0

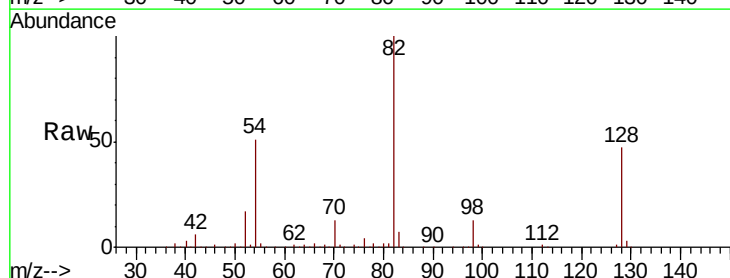


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

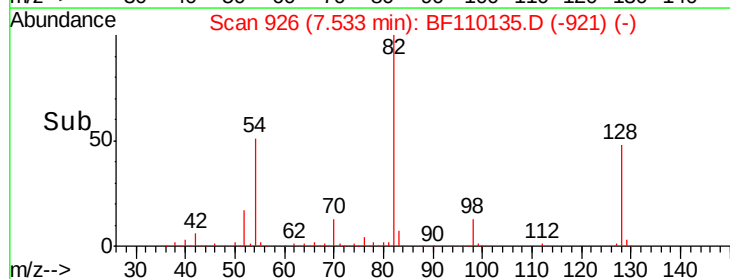
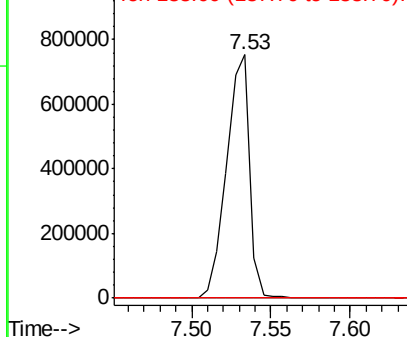


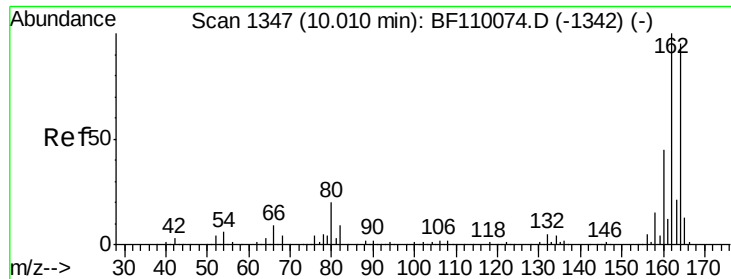
#25
Isophorone
Concen: 55.992 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

Tgt Ion	82	Resp	761257
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. -0.02 min

Lab File: BF110135.D

Acq: 25 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

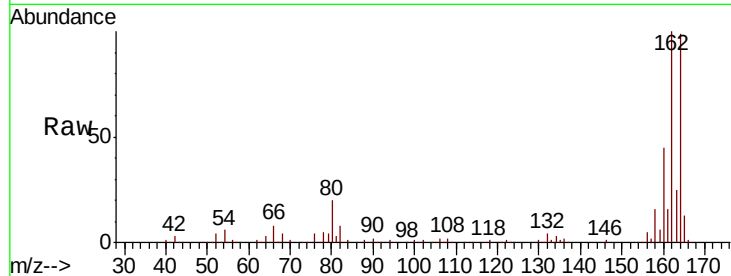
Tot Ion:164 Resp: 180106

Ion Ratio Lower Upper

164 100

162 100.8 83.0 124.6

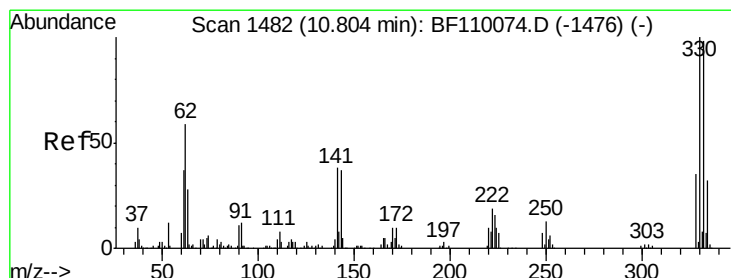
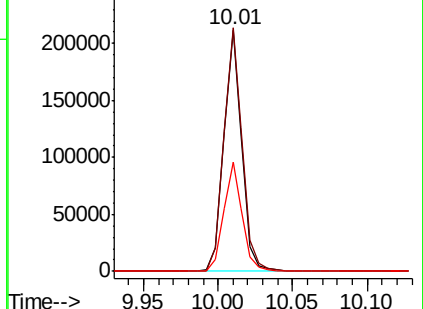
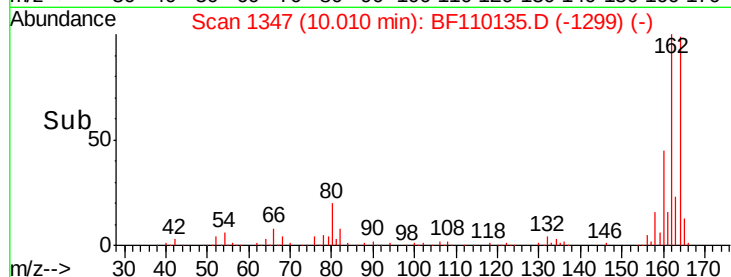
160 45.2 37.0 55.6



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: 79.246 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110135.D

Acq: 25 Oct 2018 1:26

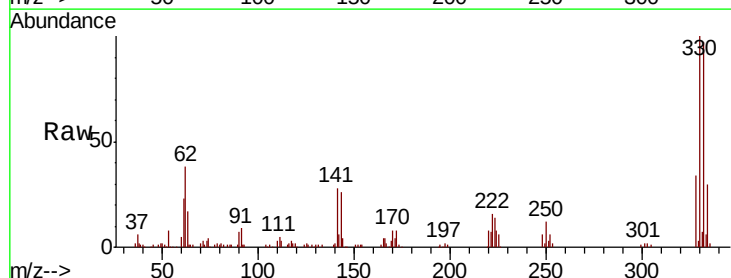
Tgt Ion:330 Resp: 141380

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

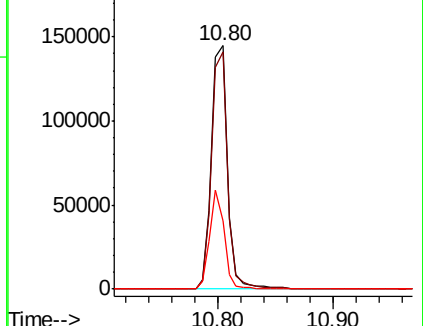
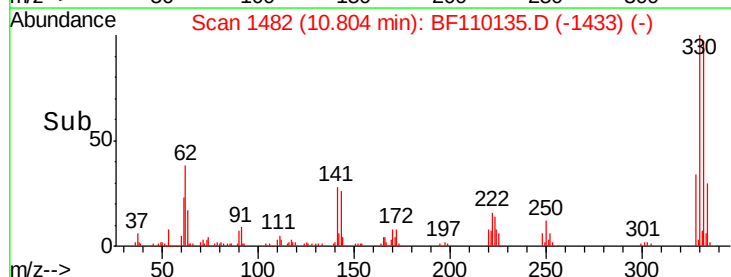
141 36.5 27.0 40.4

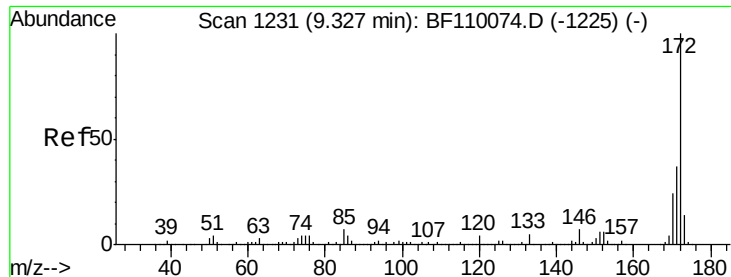


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



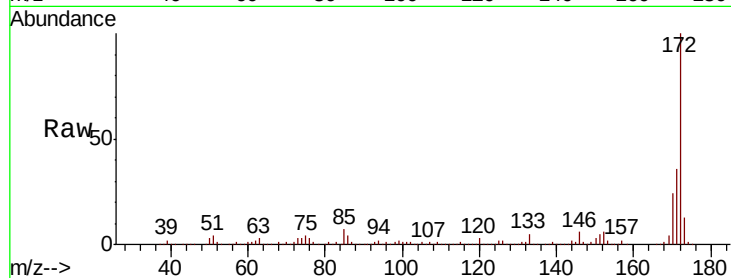


#45
 2-Fluorobiphenyl
 Concen: 111.438 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110135.D
 Acq: 25 Oct 2018 1:26

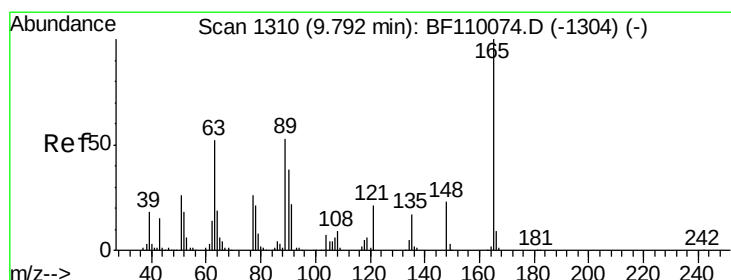
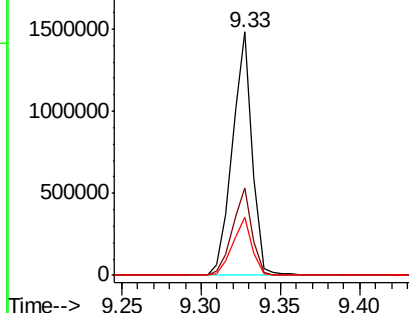
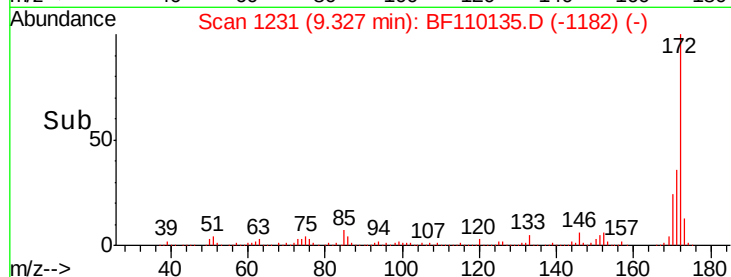
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1278175

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.6	19.7	29.5



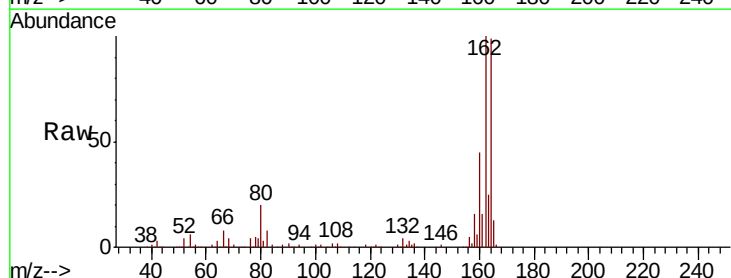
Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



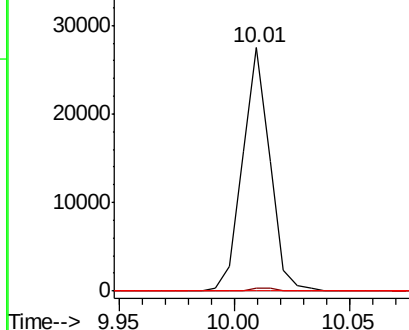
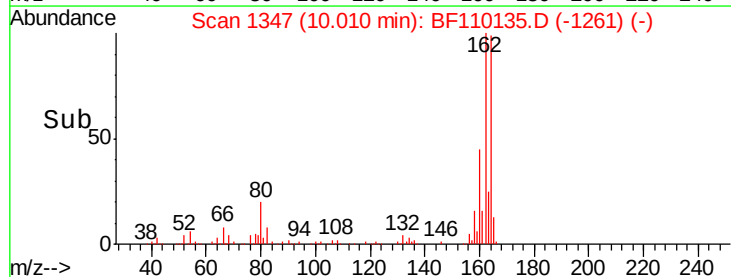
#51
 2,6-Dinitrotoluene
 Concen: 7.943 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110135.D
 Acq: 25 Oct 2018 1:26

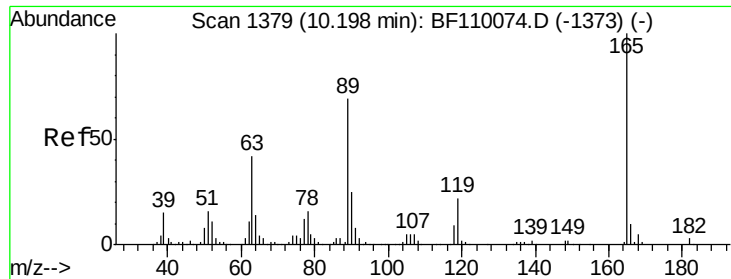
Tgt Ion:165 Resp: 22746

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	0.0	46.6	69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 30000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

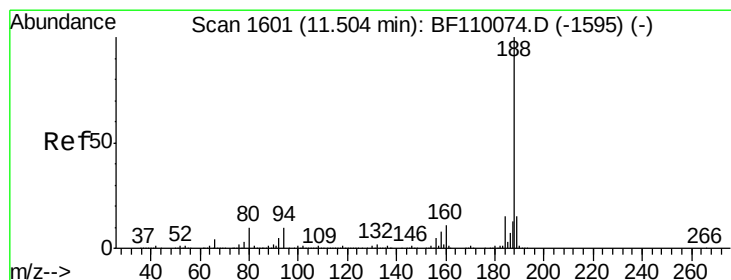
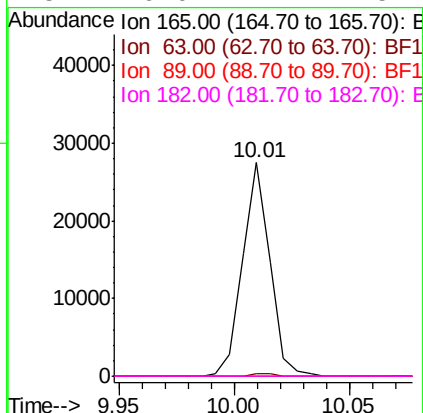
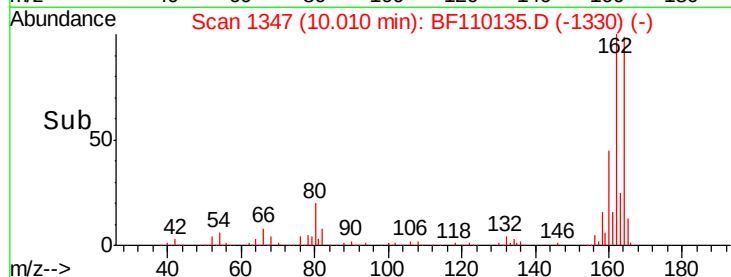
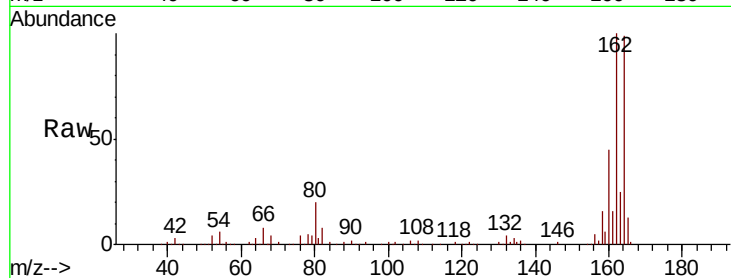




#57
2,4-Dinitrotoluene
Concen: 6.253 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

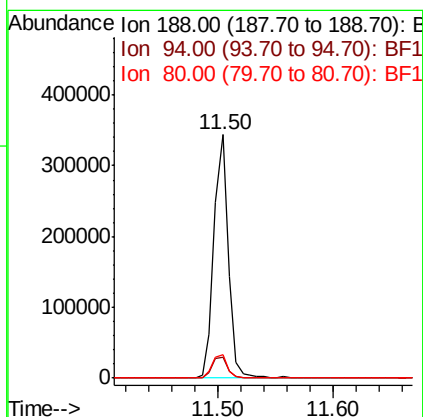
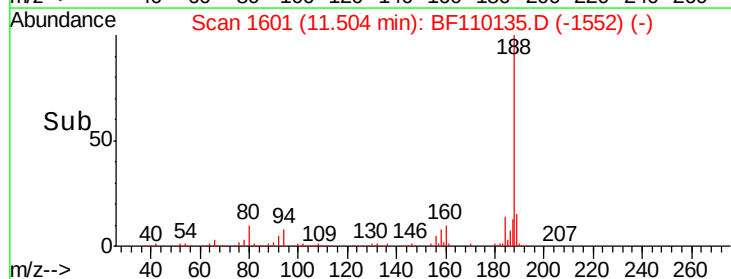
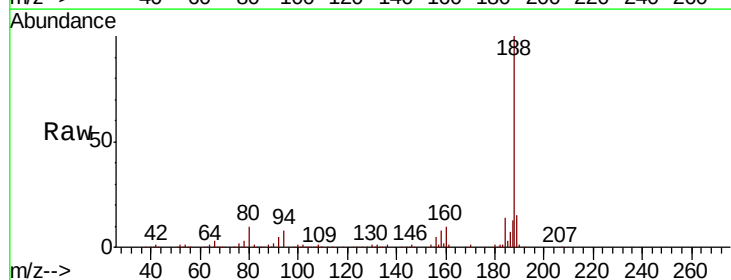
Instrument :
BNA_F
ClientSampleId :

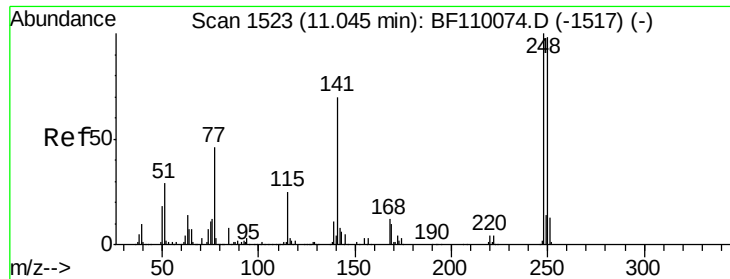
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110135.D
Acq: 25 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.7	7.9	11.9

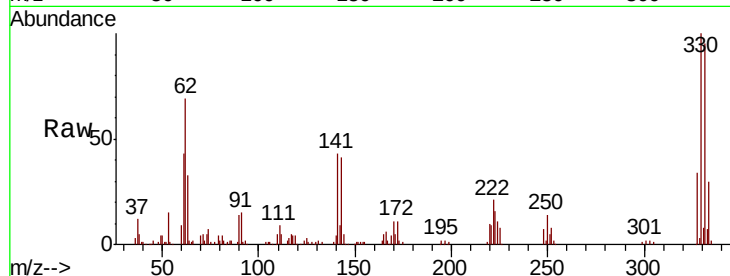




#67
 4-Bromophenyl-phenylether
 Concen: 2.766 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110135.D
 Acq: 25 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.7	79.4	119.2#
141	618.7	55.9	83.9#

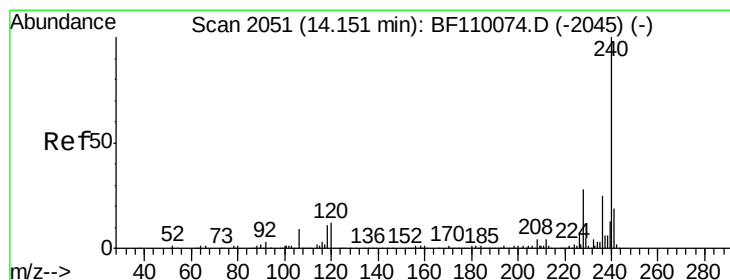
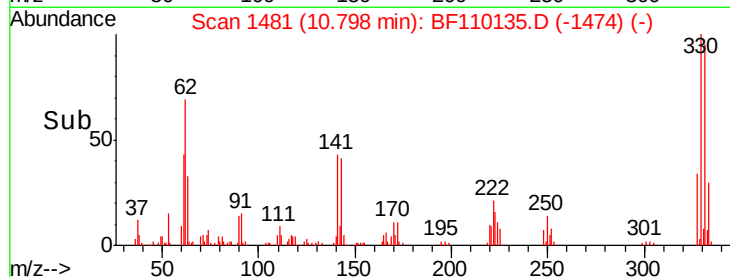
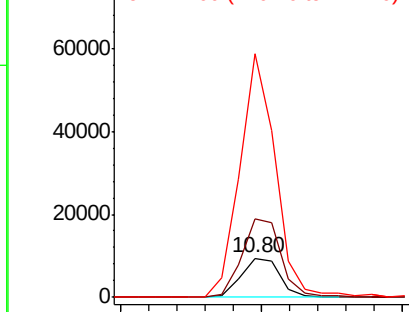


Abundance

Ion 248.00 (247.70 to 248.70): E

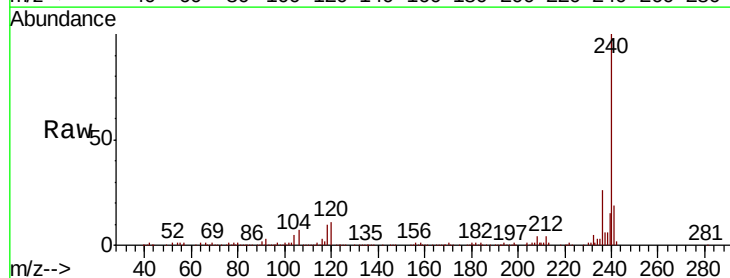
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110135.D
 Acq: 25 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.9	21.2	31.8

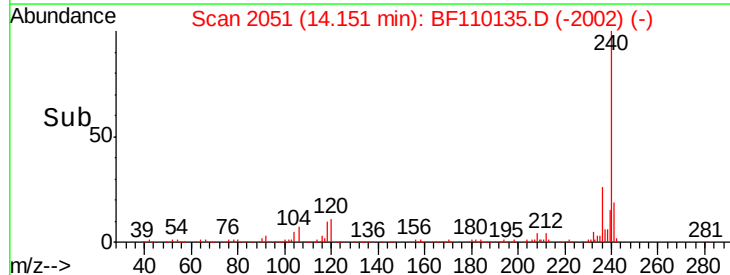
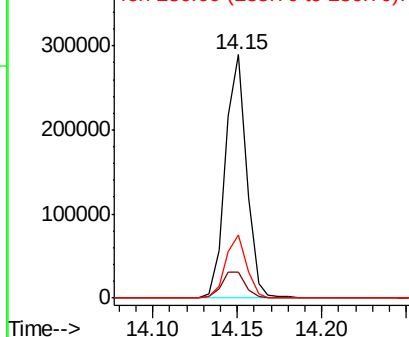


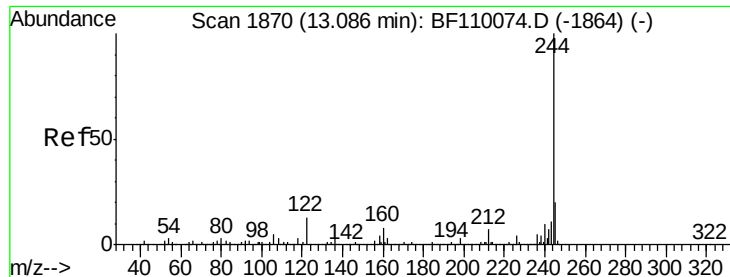
Abundance

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



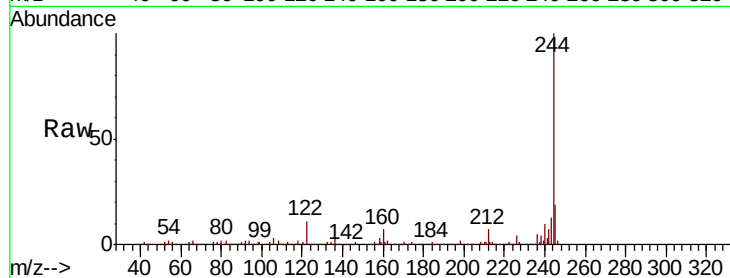


#79
 Terphenyl-d14
 Concen: 85.793 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110135.D
 Acq: 25 Oct 2018 1:26

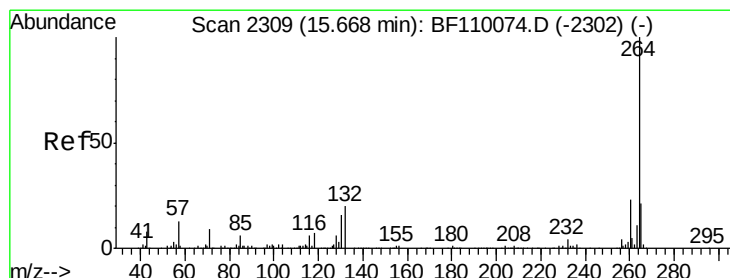
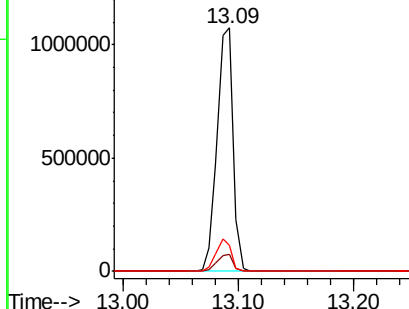
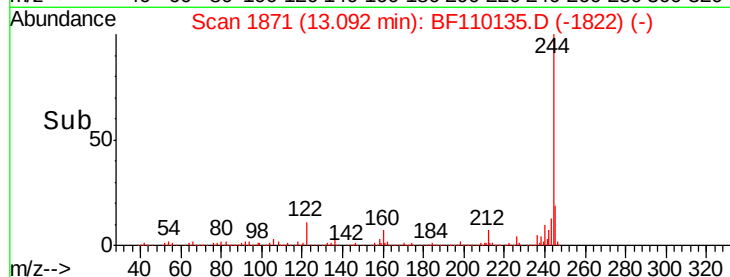
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1040539

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.5	8.7	13.1



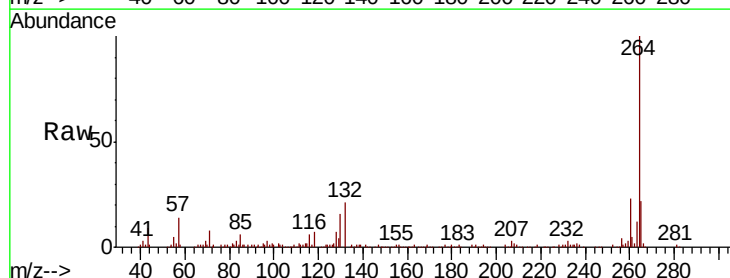
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110135.D
 Acq: 25 Oct 2018 1:26

Tgt Ion:264 Resp: 174935

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.6	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

