

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110231.D
 Acq On : 27 Oct 2018 1:01
 Operator : JU/SJ
 Sample : J5688-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 02:29:25 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

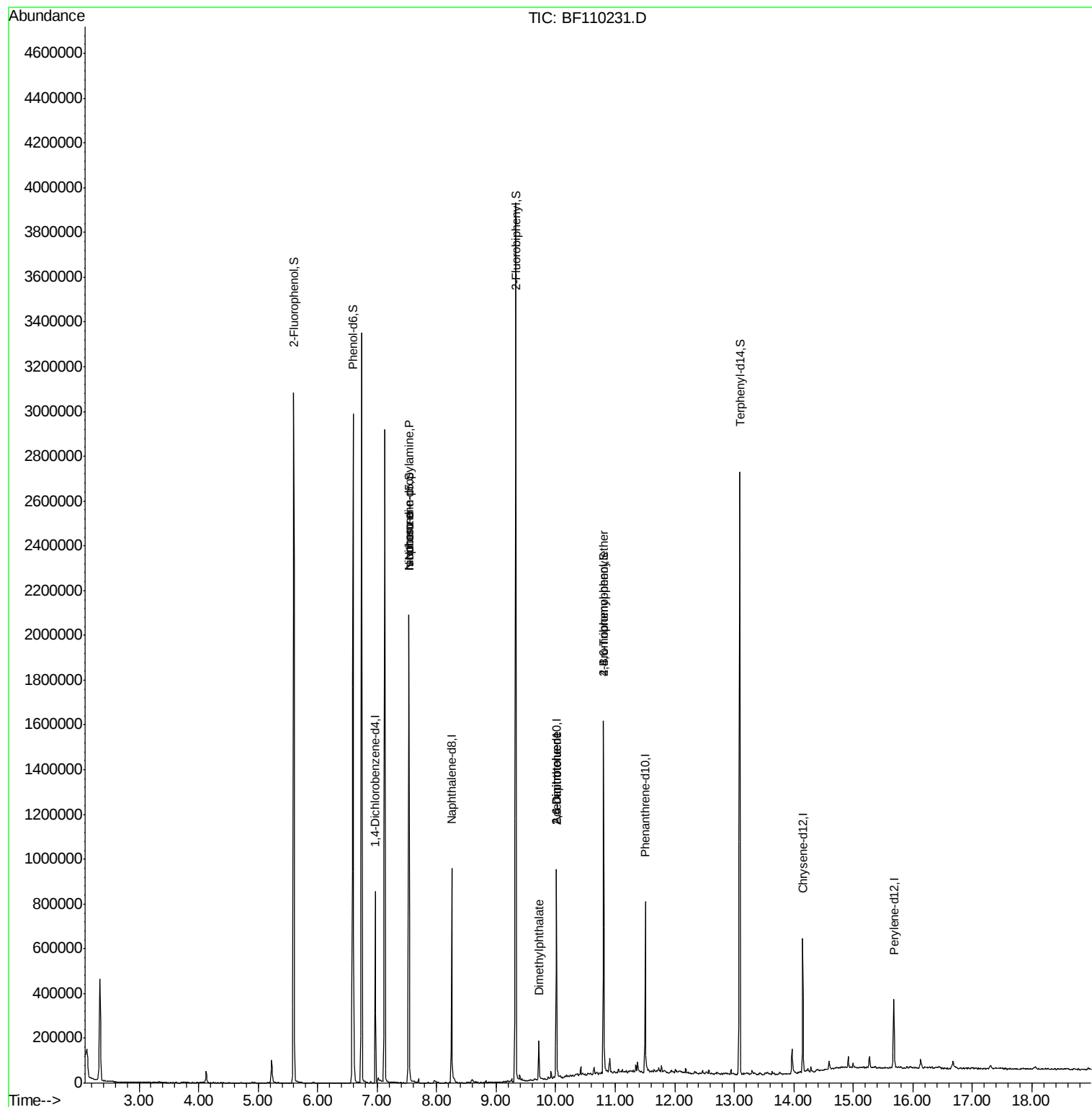
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118671	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	443436	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	174800	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	271205	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	191930	20.00	ng	-0.01
87) Perylene-d12	15.68	264	133009	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	943631	129.49	ng	0.00
7) Phenol-d6	6.60	99	1172084	125.75	ng	0.00
23) Nitrobenzene-d5	7.53	82	699637	93.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	183982	106.26	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1206930	108.42	ng	-0.01
79) Terphenyl-d14	13.09	244	891282	96.58	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.60	77	1683	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	94644	15.827 ng	#	78
25) Isophorone	7.53	82	699632	54.899 ng	#	67
50) Dimethylphthalate	9.72	163	63468	4.919 ng		98
51) 2,6-Dinitrotoluene	10.01	165	22134	7.964 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	22134	6.270 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	12064	4.101 ng	#	1

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

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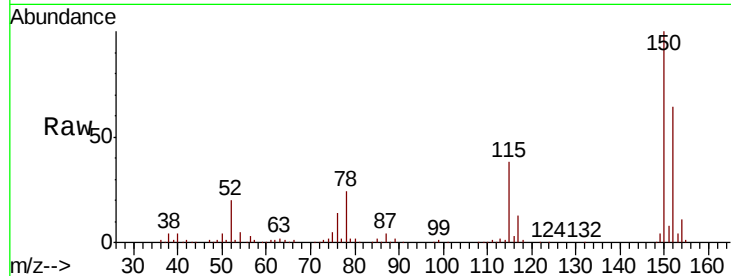


#1

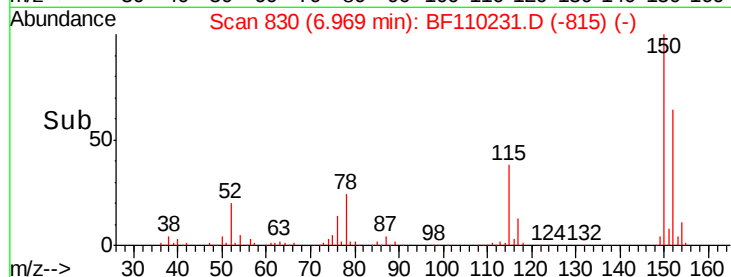
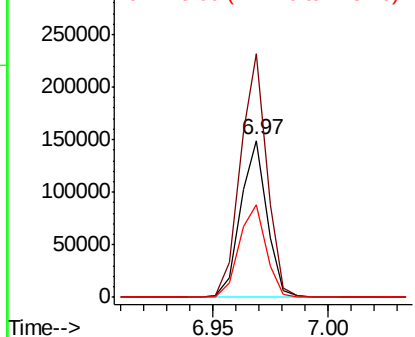
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110231.D
Acq: 27 Oct 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118671
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 59.3 49.1 73.7



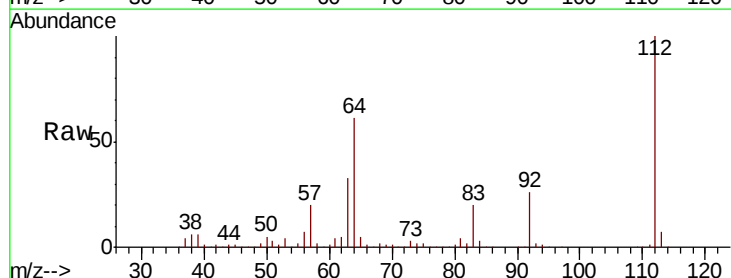
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



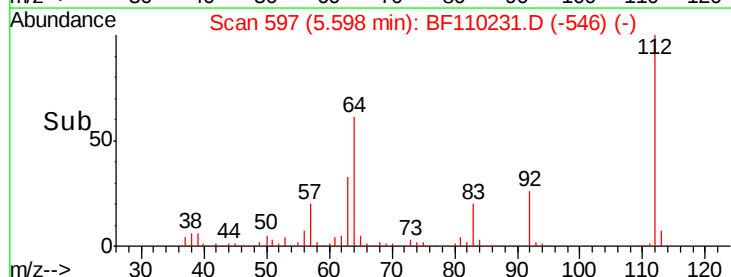
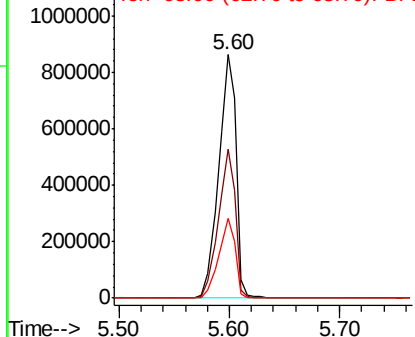
#5

2-Fluorophenol
Concen: 129.489 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF110231.D
Acq: 27 Oct 2018 1:01

Tgt Ion:112 Resp: 943631
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 32.9 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: 125.745 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110231.D

Acq: 27 Oct 2018 1:01

Instrument :

BNA_F

ClientSampled :

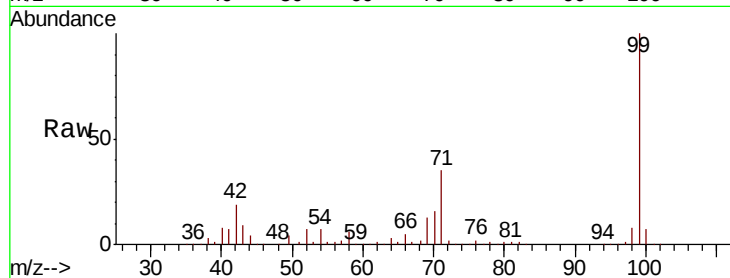
Tot Ion: 99 Resp: 1172084

Ion Ratio Lower Upper

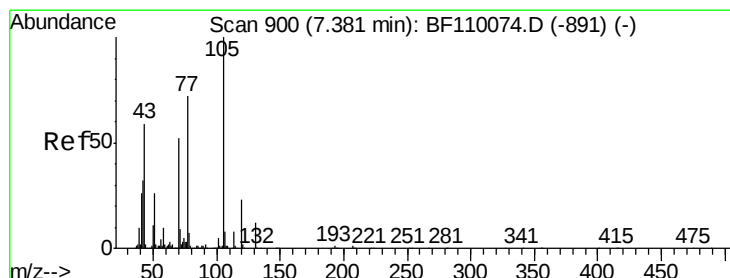
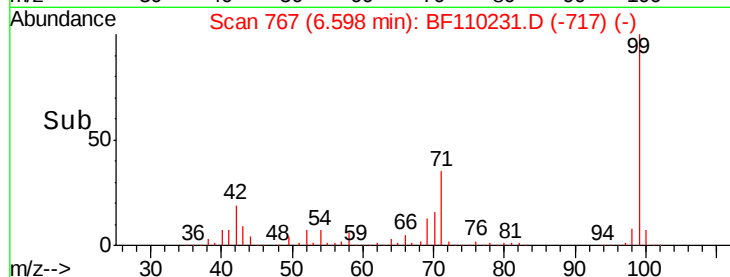
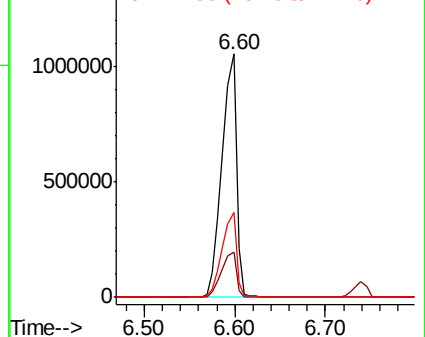
99 100

42 18.5 15.8 23.6

71 34.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.827 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110231.D

Acq: 27 Oct 2018 1:01

Tgt Ion: 70 Resp: 94644

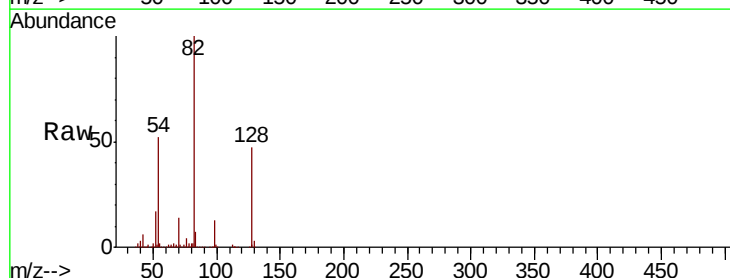
Ion Ratio Lower Upper

70 100

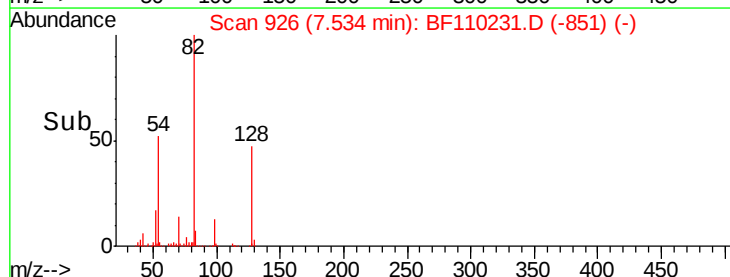
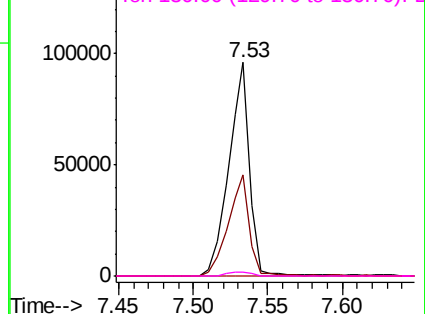
42 47.4 47.4 71.2#

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

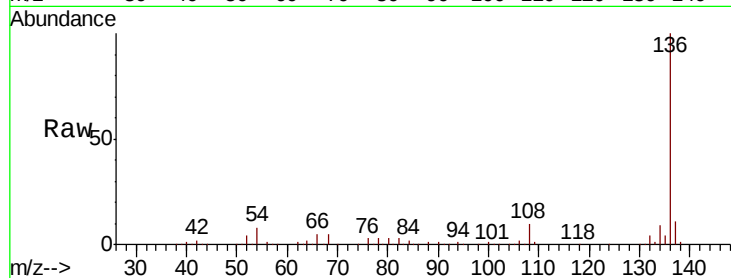




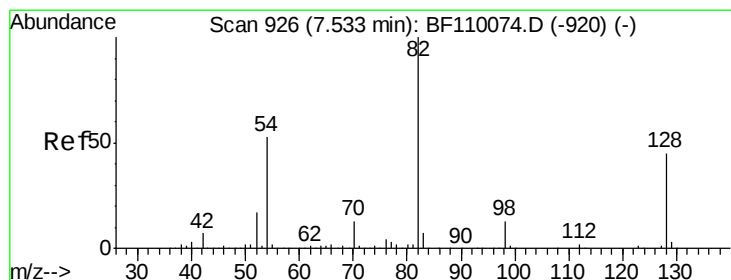
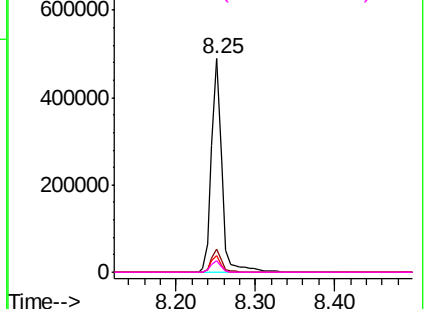
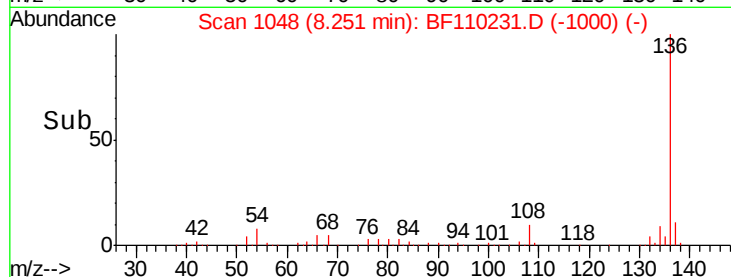
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110231.D
Acq: 27 Oct 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443436
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.7	5.4 8.2
68	5.2	4.2 6.2

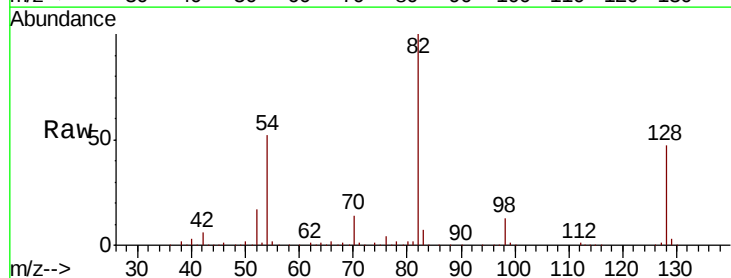


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

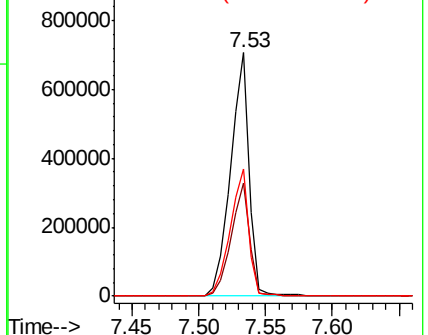
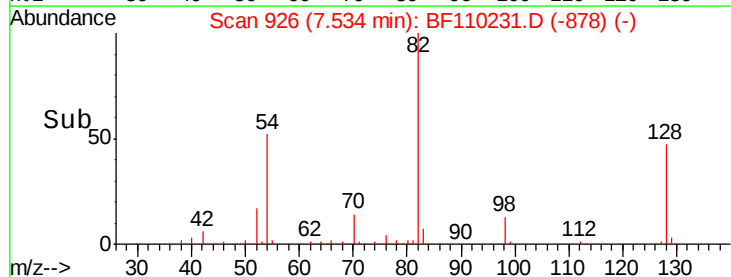


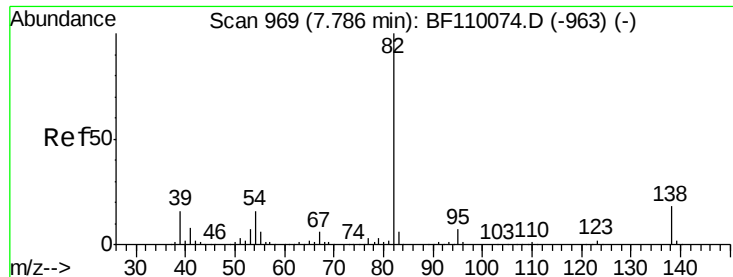
#23
Nitrobenzene-d5
Concen: 93.582 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110231.D
Acq: 27 Oct 2018 1:01

Tgt Ion: 82	Resp:	699637
Ion Ratio	Lower	Upper
82	100	
128	46.5	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 54.899 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110231.D

Acq: 27 Oct 2018 1:01

Instrument :

BNA_F

ClientSampled :

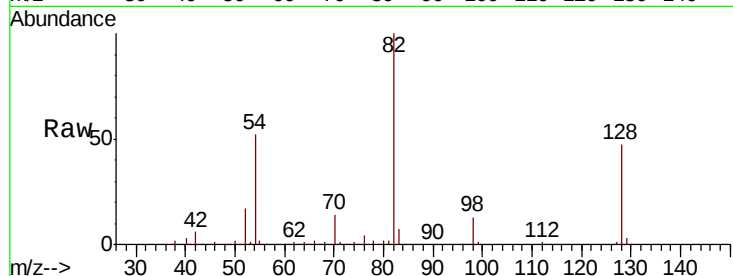
Tot Ion: 82 Resp: 699632

Ion Ratio Lower Upper

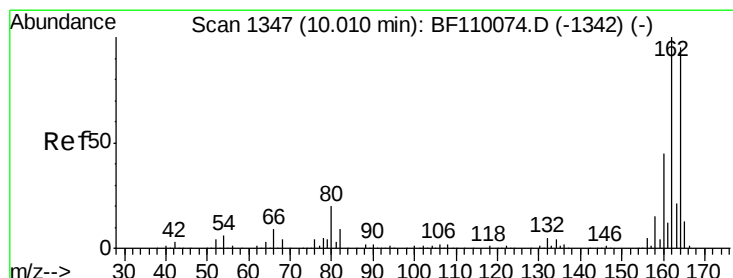
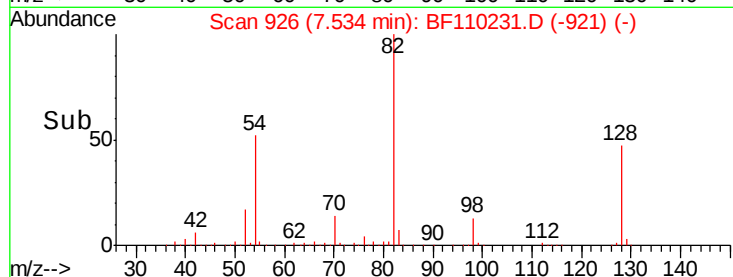
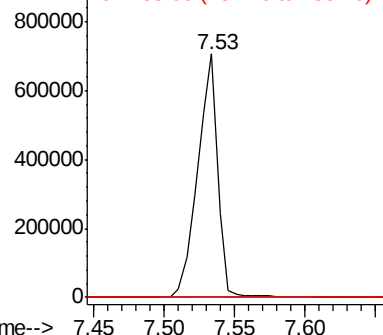
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110231.D

Acq: 27 Oct 2018 1:01

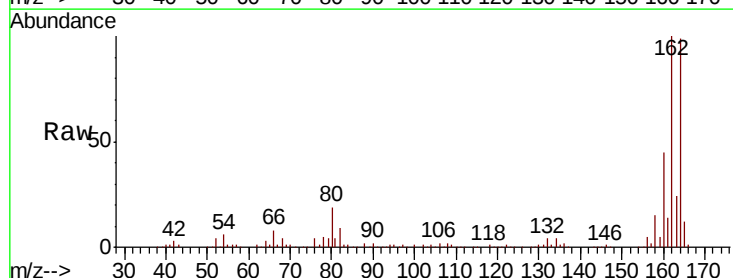
Tgt Ion: 164 Resp: 174800

Ion Ratio Lower Upper

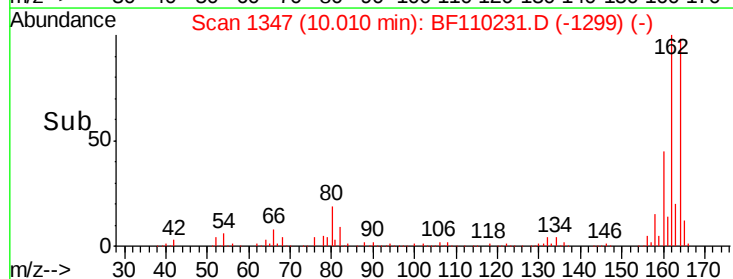
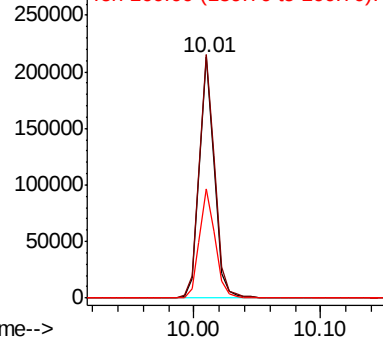
164 100

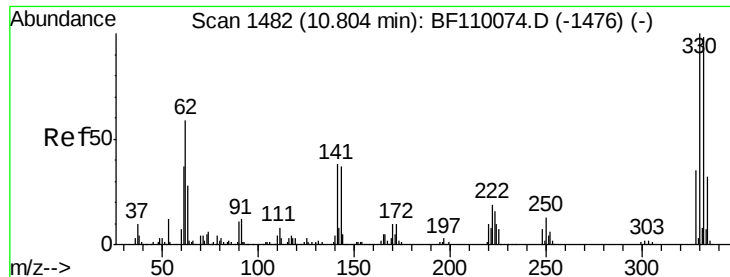
162 101.2 83.0 124.6

160 45.5 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

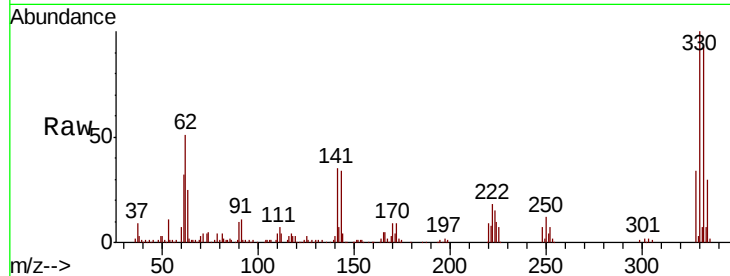




#42
 2,4,6-Tribromophenol
 Concen: 106.255 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110231.D
 Acq: 27 Oct 2018 1:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
183982	100	94.8	37.2
Resp:		77.1	27.0
Lower		115.7	40.4
Upper			

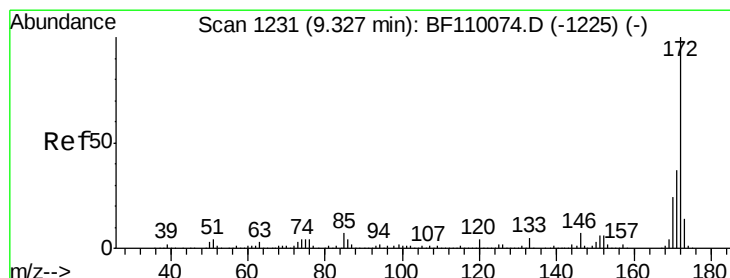
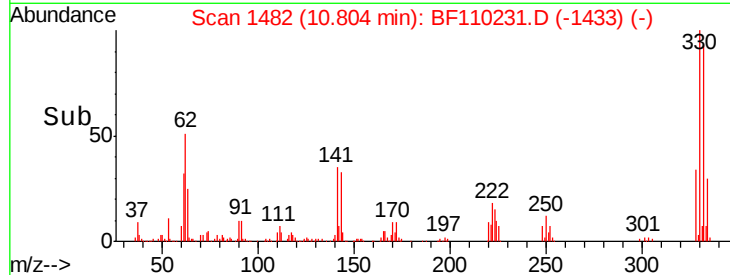
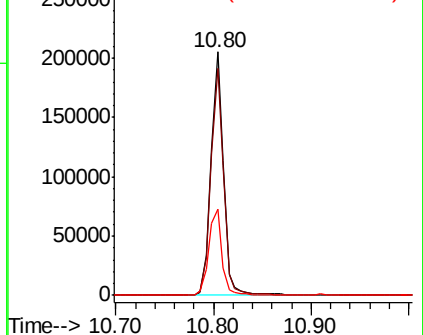


Abundance

Ion 329.80 (329.50 to 330.50): E

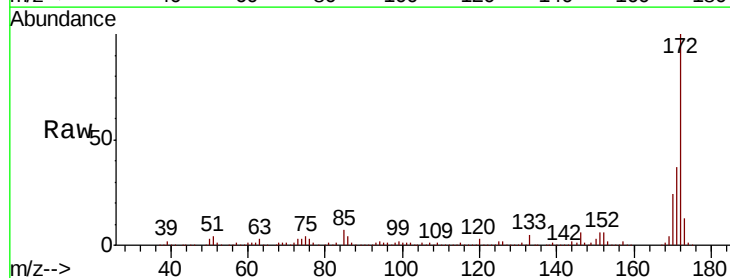
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.421 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110231.D
 Acq: 27 Oct 2018 1:01

Tgt Ion	172	171	170
1206930	100	36.7	24.0
Resp:		28.6	19.7
Lower		43.0	29.5
Upper			

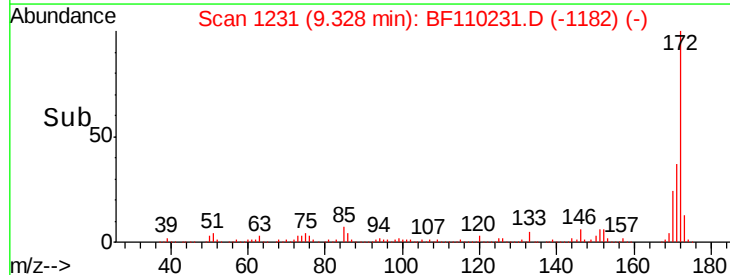
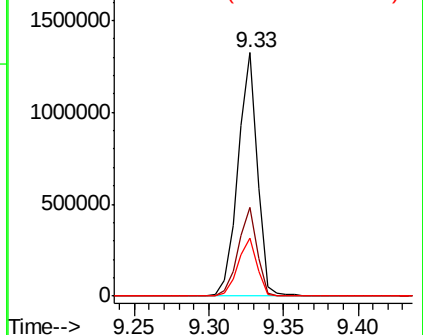


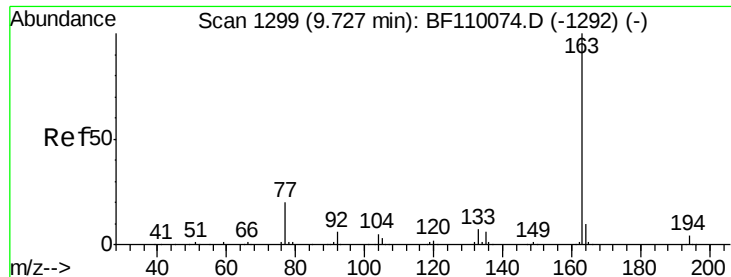
Abundance

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: 4.919 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110231.D

Acq: 27 Oct 2018 1:01

Instrument :

BNA_F

ClientSampleId :

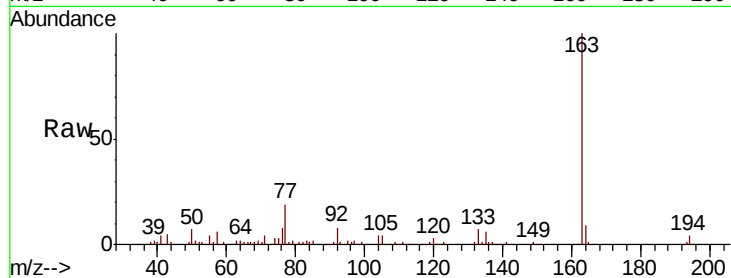
Tot Ion:163 Resp: 63468

Ion Ratio Lower Upper

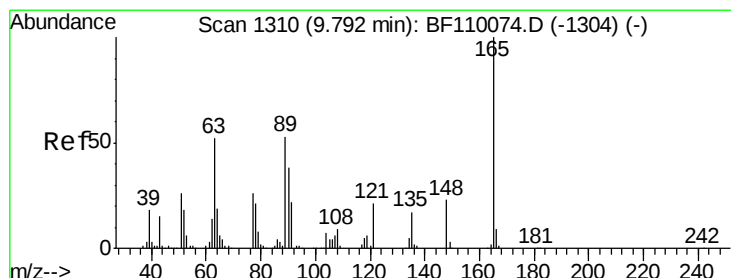
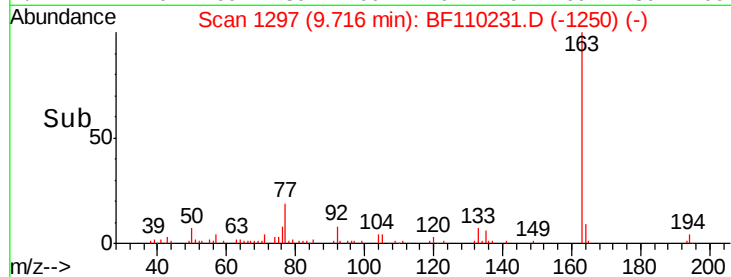
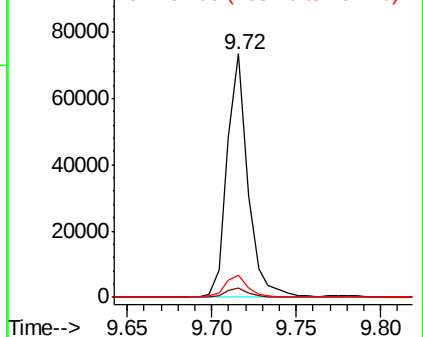
163 100

194 4.0 3.2 4.8

164 9.3 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: 7.964 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110231.D

Acq: 27 Oct 2018 1:01

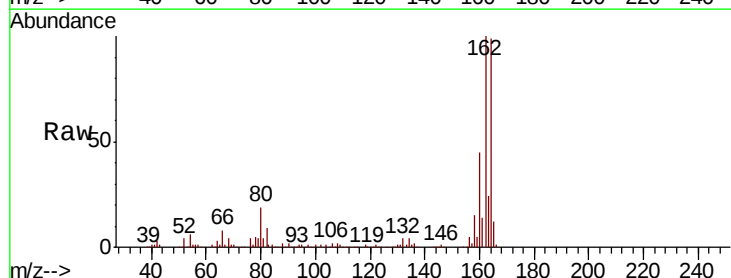
Tgt Ion:165 Resp: 22134

Ion Ratio Lower Upper

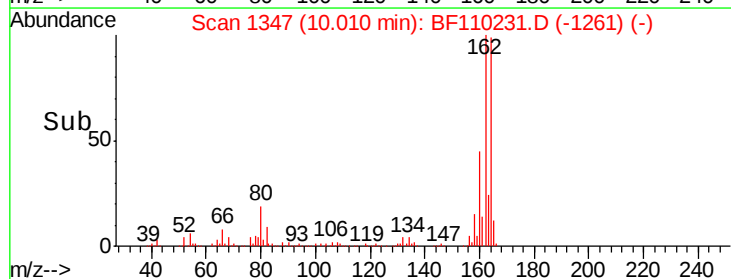
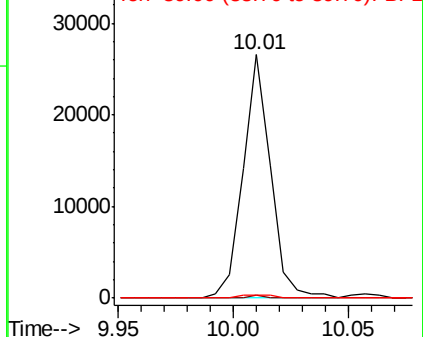
165 100

63 1.3 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

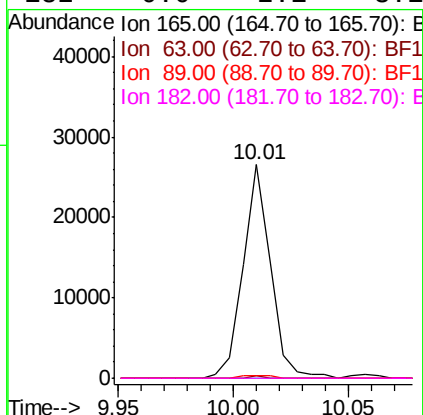
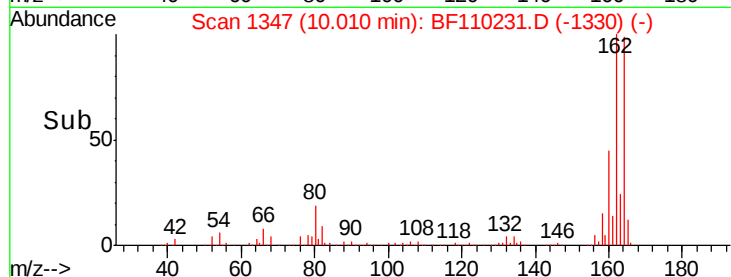
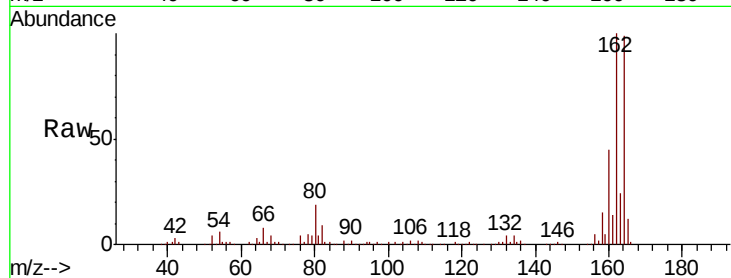




#57
2,4-Dinitrotoluene
Concen: 6.270 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110231.D
Acq: 27 Oct 2018 1:01

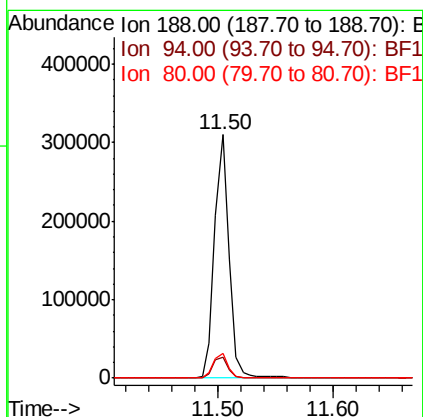
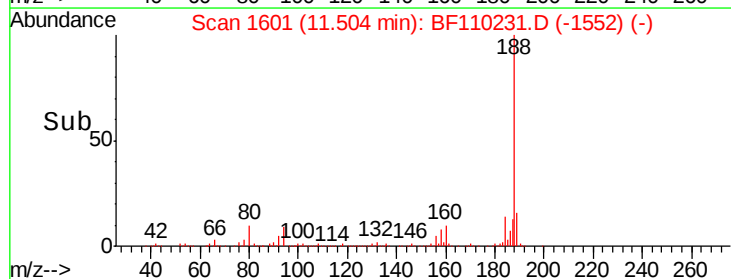
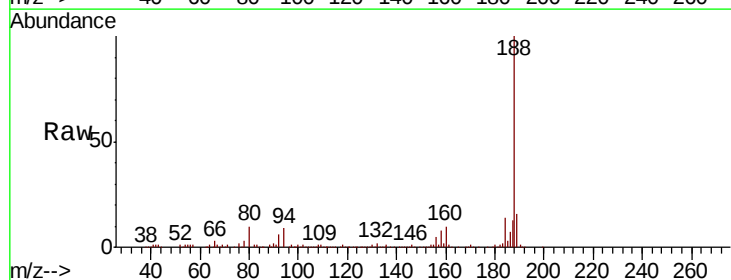
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.5	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: BF110231.D
Acq: 27 Oct 2018 1:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.0	7.9	11.9

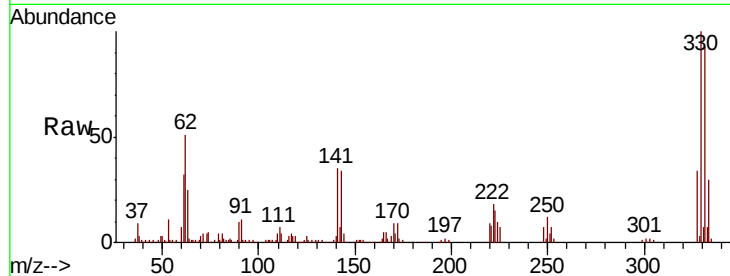




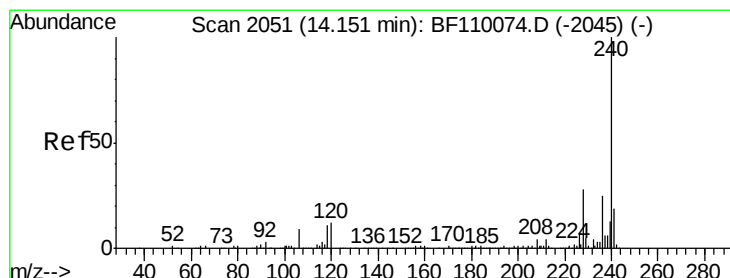
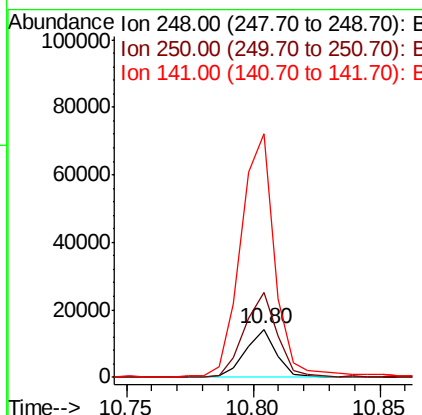
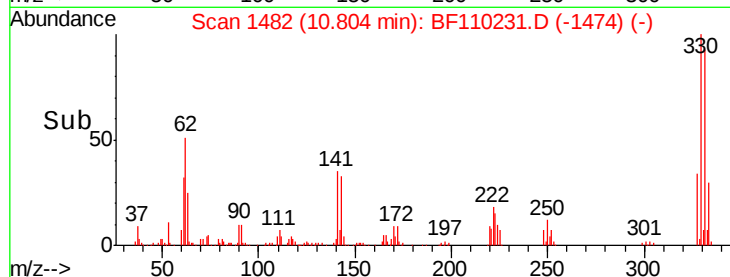
#67
4-Bromophenyl-phenylether
Concen: 4.101 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110231.D
Acq: 27 Oct 2018 1:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12064
Ion Ratio Lower Upper
248 100
250 178.1 79.4 119.2#
141 508.6 55.9 83.9#

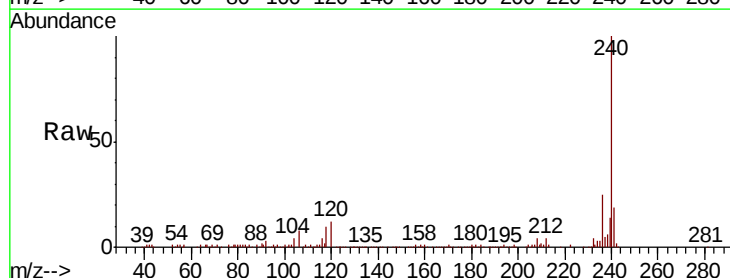


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

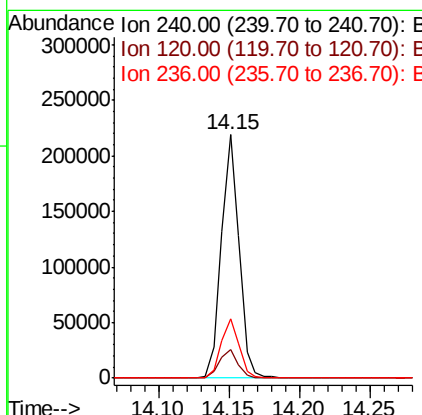
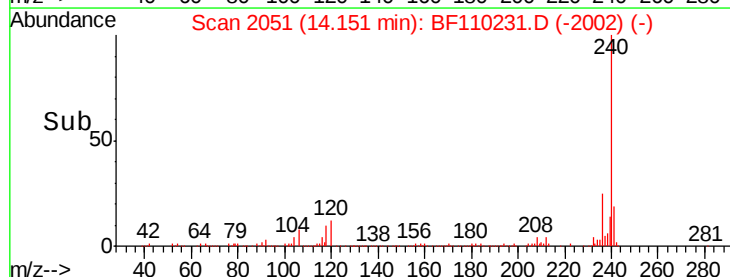


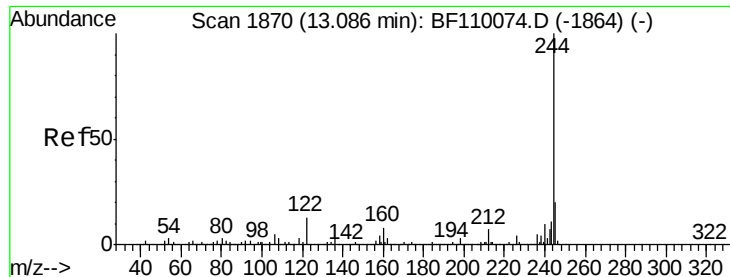
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110231.D
Acq: 27 Oct 2018 1:01

Tgt Ion:240 Resp: 191930
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 24.6 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

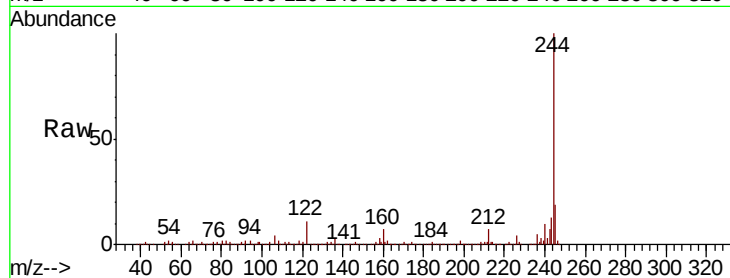




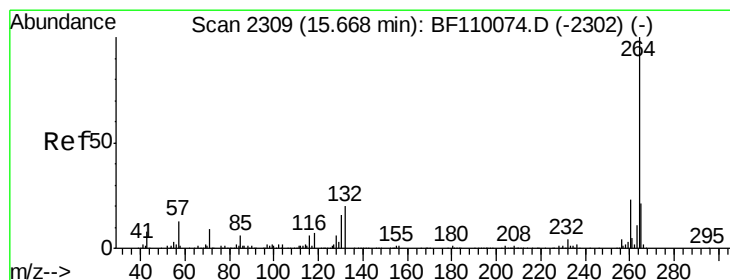
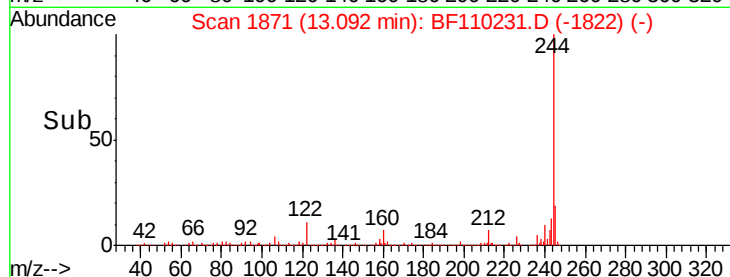
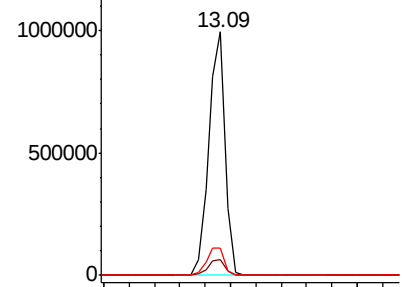
#79
 Terphenyl-d14
 Concen: 96.577 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110231.D
 Acq: 27 Oct 2018 1:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 891282
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.0 8.7 13.1

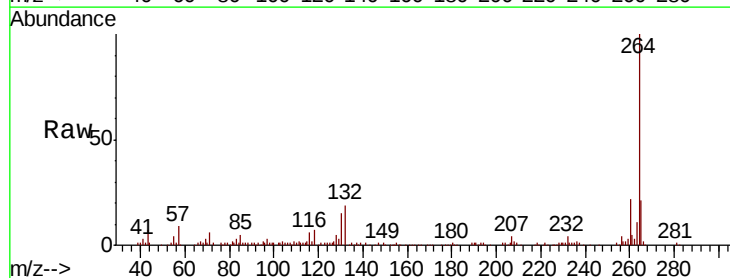


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110231.D
 Acq: 27 Oct 2018 1:01

Tgt Ion:264 Resp: 133009
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.7 28.1
 265 21.1 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

