

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110229.D
 Acq On : 27 Oct 2018 00:06
 Operator : JU/SJ
 Sample : J5639-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 00:52:54 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

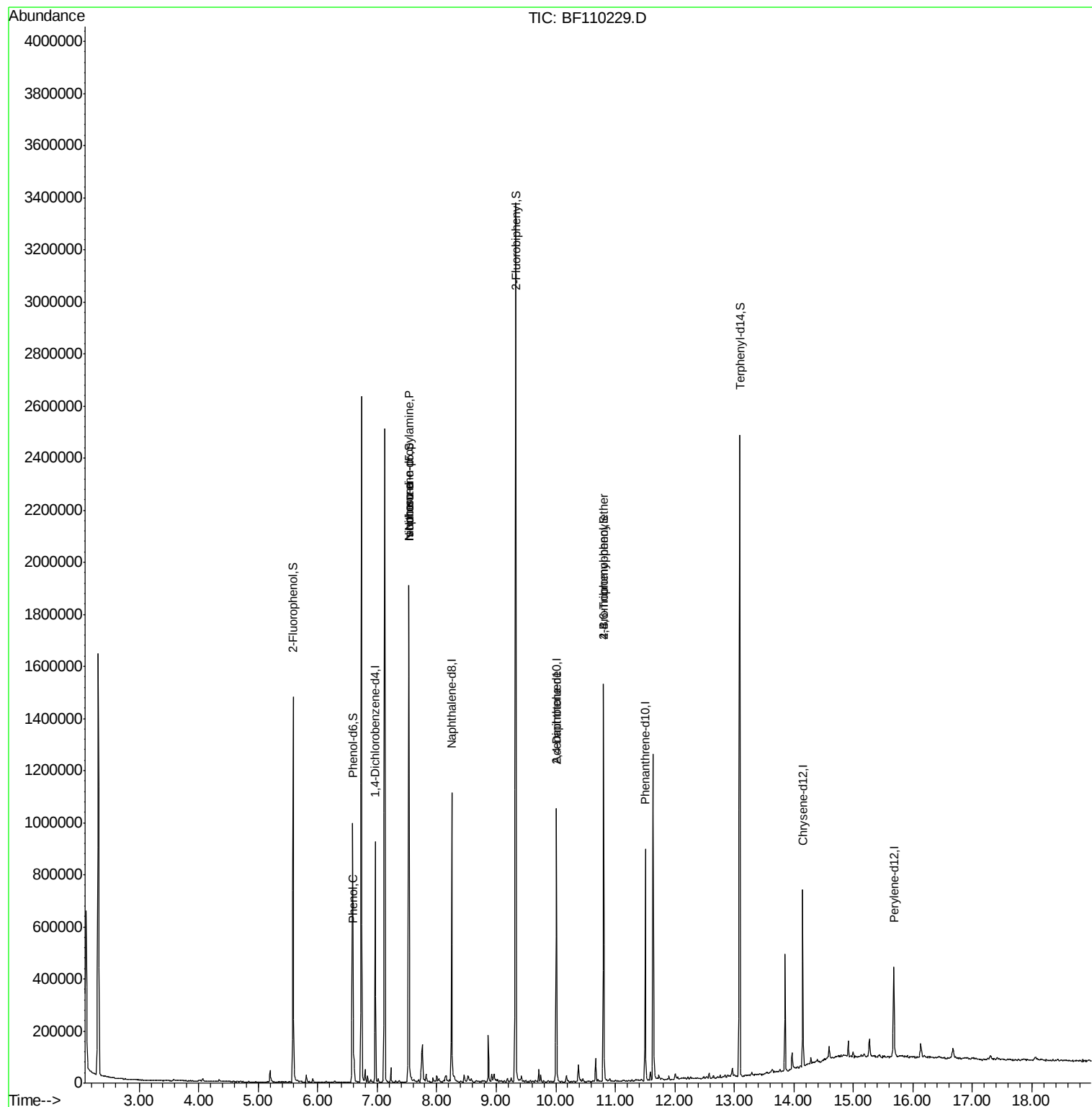
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130844	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	489751	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	190223	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	301633	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	216472	20.00	ng	-0.01
87) Perylene-d12	15.68	264	149530	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	415278	51.68	ng	-0.01
7) Phenol-d6	6.59	99	314869	30.64	ng	-0.02
23) Nitrobenzene-d5	7.53	82	640655	77.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	170861	90.68	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1070623	88.38	ng	-0.01
79) Terphenyl-d14	13.09	244	841814	80.88	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	47986	4.368	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	86028	13.048	ng	# 79
25) Isophorone	7.53	82	640646	45.517	ng	# 67
57) 2,4-Dinitrotoluene	10.01	165	23604	6.144	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	11104	3.394	ng	# 1

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

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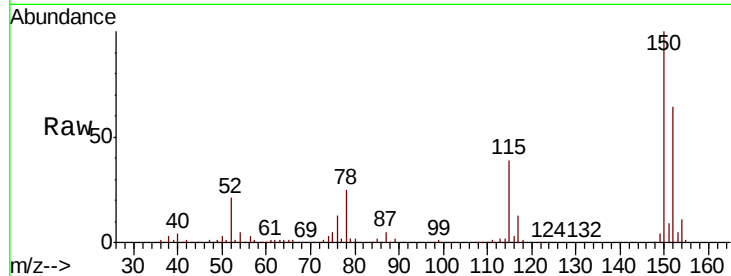


#1

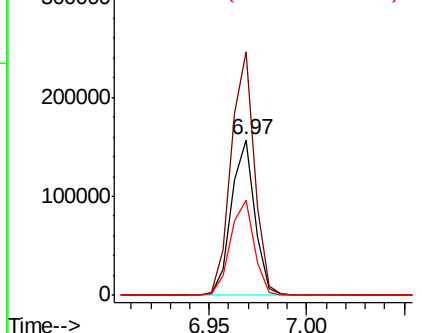
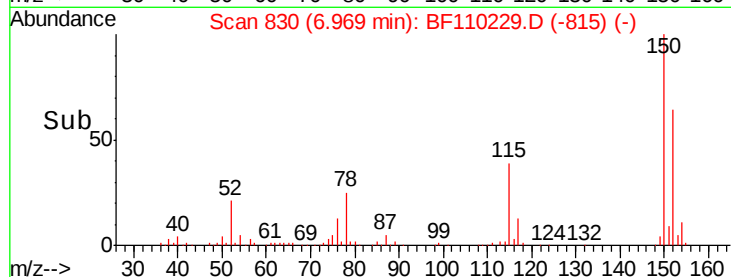
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110229.D
 Acq: 27 Oct 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	61.3	49.1	73.7



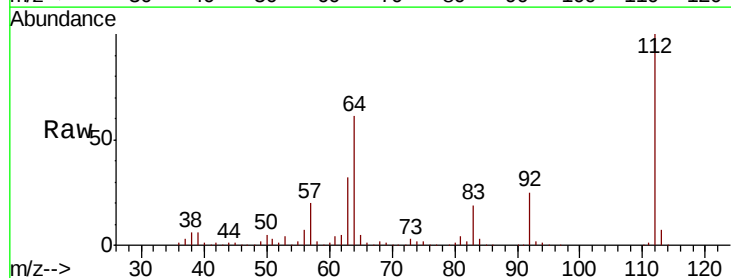
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



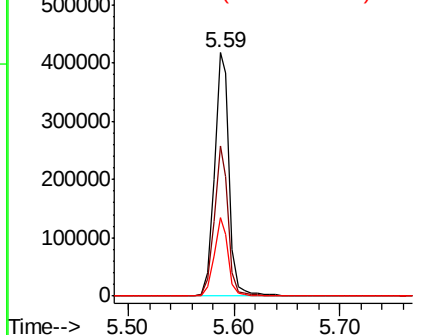
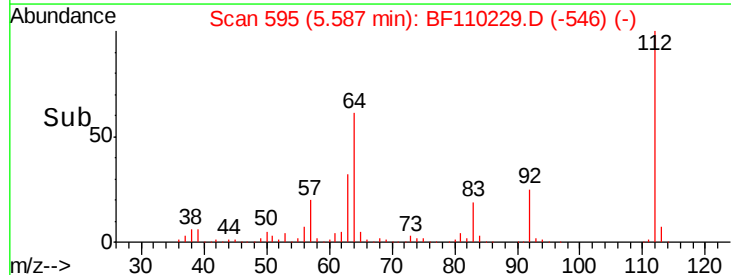
#5

2-Fluorophenol
 Concen: 51.684 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110229.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.1	66.1
63	32.4	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: 30.638 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

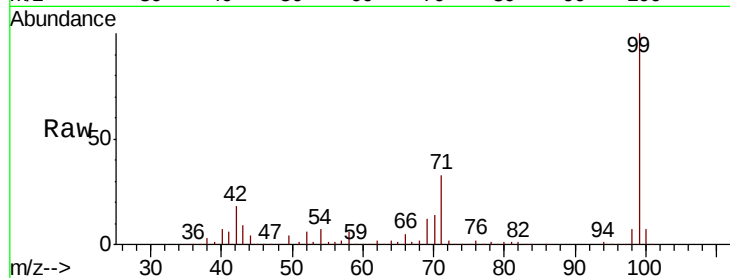
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 314869

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.8	23.6
71	32.6	28.0	42.0

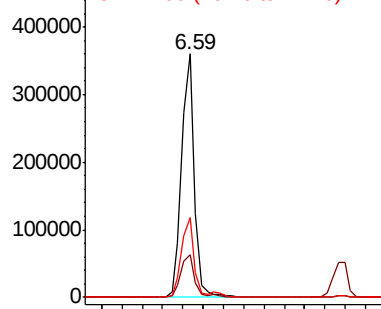


Abundance

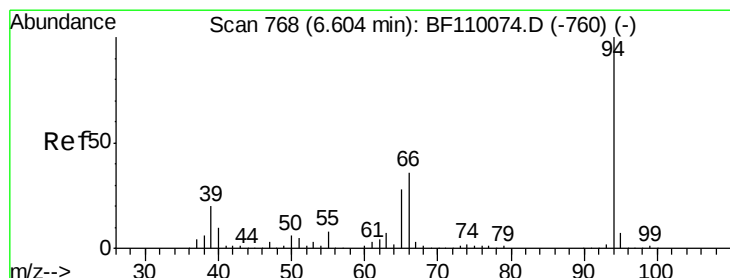
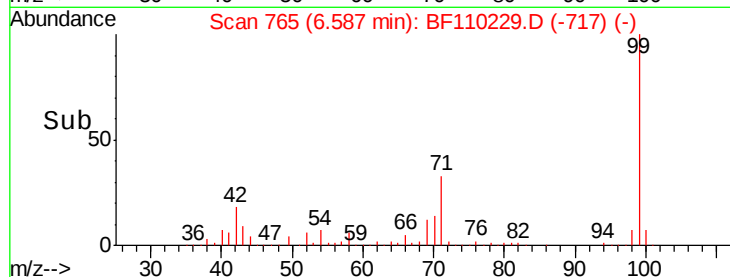
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 4.368 ng

RT: 6.60 min Scan# 767

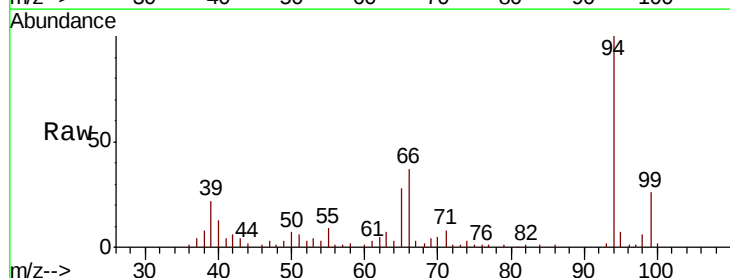
Delta R.T. -0.02 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

Tgt Ion: 94 Resp: 47986

Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.3	65.3
66	37.2	54.5	94.5#

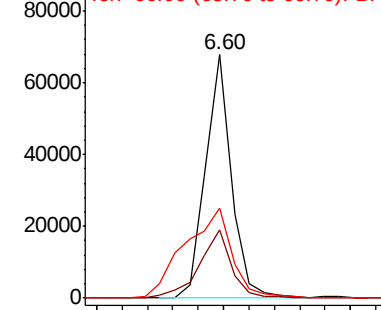


Abundance

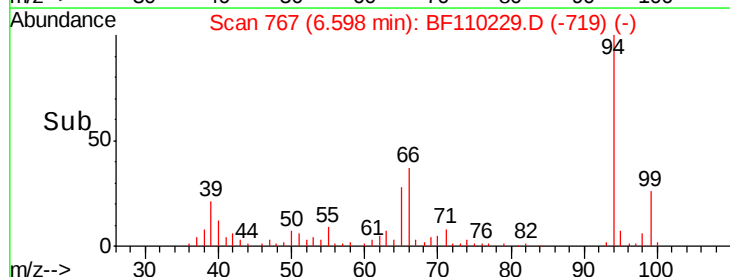
Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 13.048 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

Instrument :

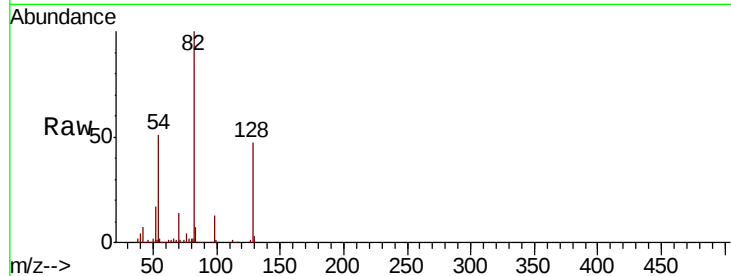
BNA_F

ClientSampled :

Tot Ion: 70 Resp: 86028

Ion Ratio Lower Upper

70	100		
42	48.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

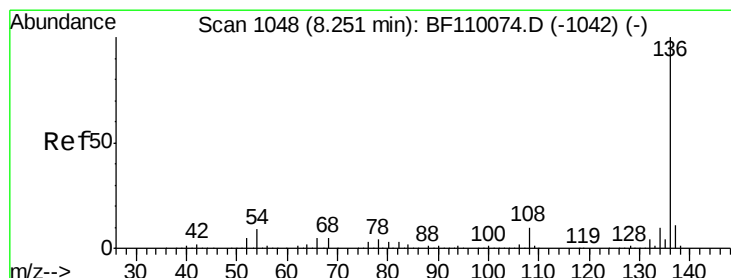
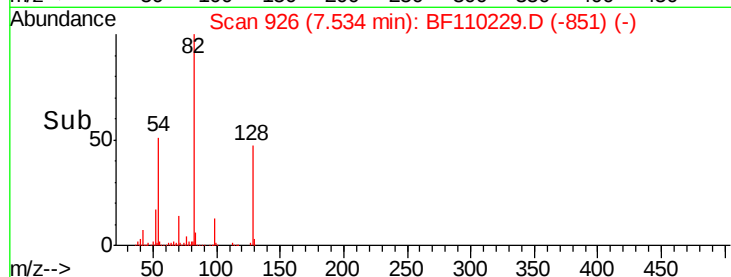
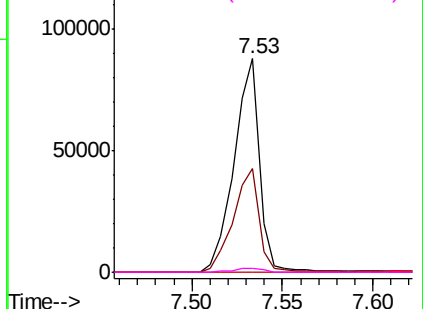


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

Tgt Ion: 136 Resp: 489751

Ion Ratio Lower Upper

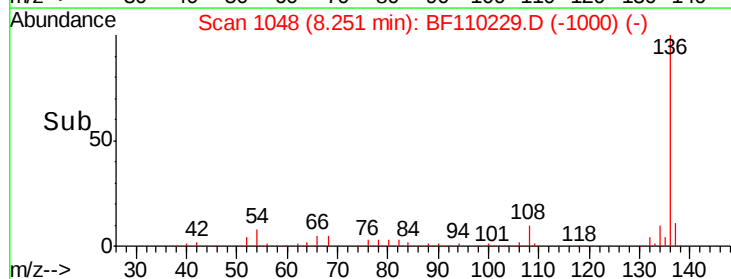
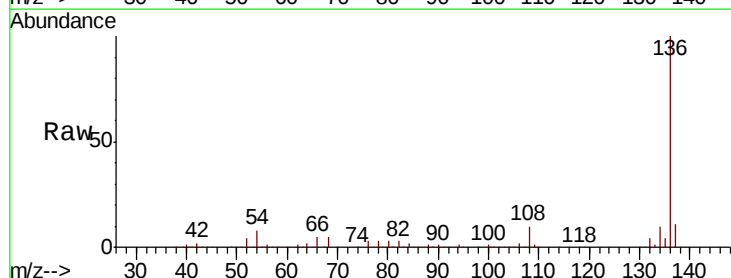
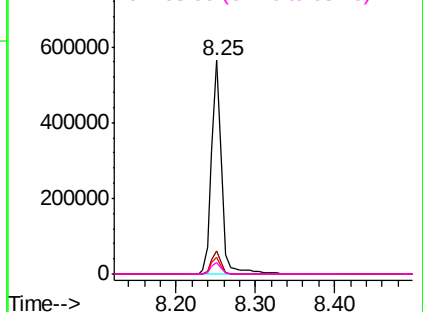
136	100		
137	10.9	8.8	13.2
54	7.9	5.4	8.2
68	5.4	4.2	6.2

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

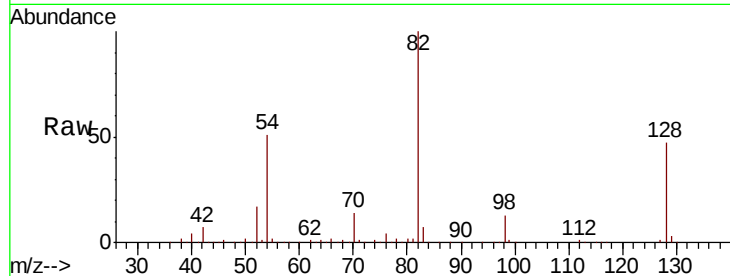




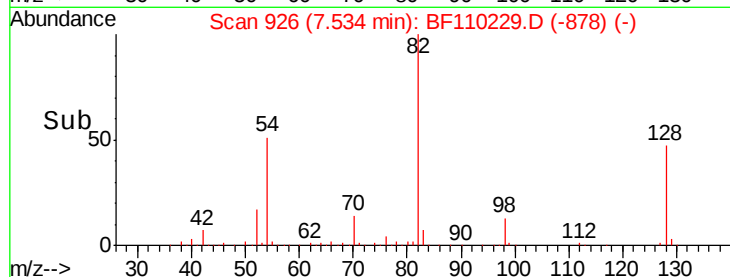
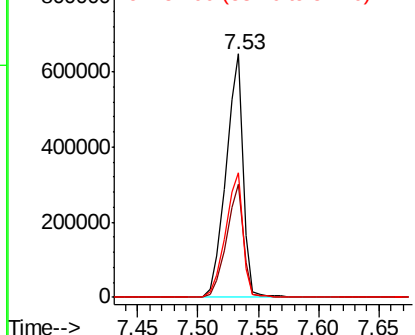
#23
Nitrobenzene-d5
Concen: 77.589 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	640655
Ion Ratio	100	Lower	Upper
128	46.5	34.2	51.2
54	51.1	38.6	58.0

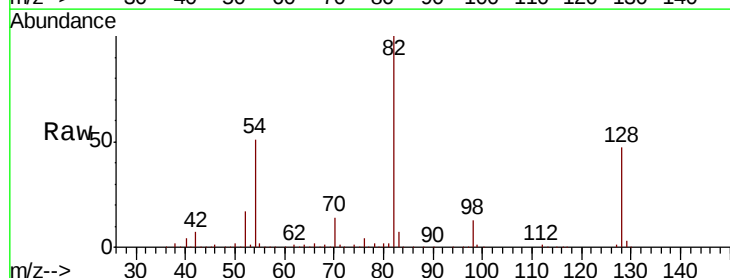


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

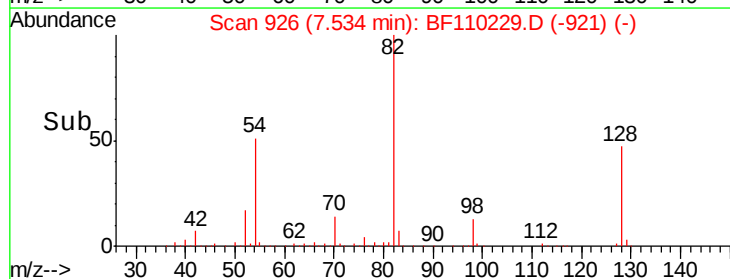
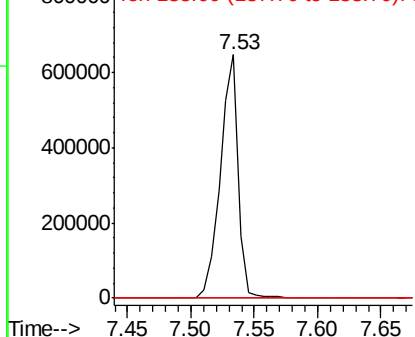


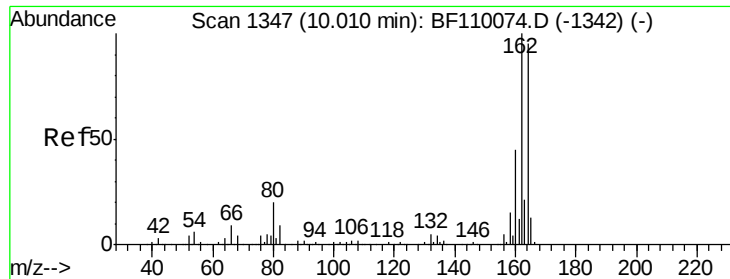
#25
Isophorone
Concen: 45.517 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Tgt Ion	82	Resp	640646
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: BF110229.D

Acq: 27 Oct 2018 00:06

Instrument :

BNA_F

ClientSampleId :

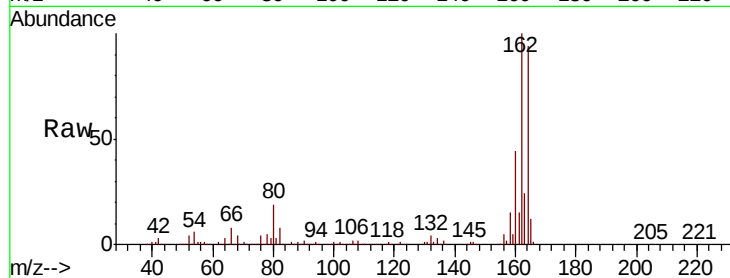
Tot Ion:164 Resp: 190223

Ion Ratio Lower Upper

164 100

162 105.9 83.0 124.6

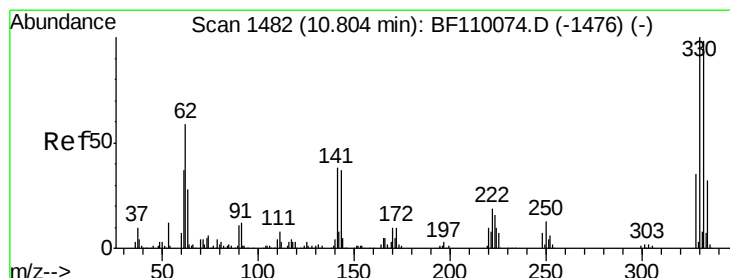
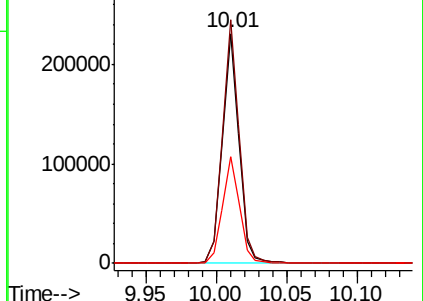
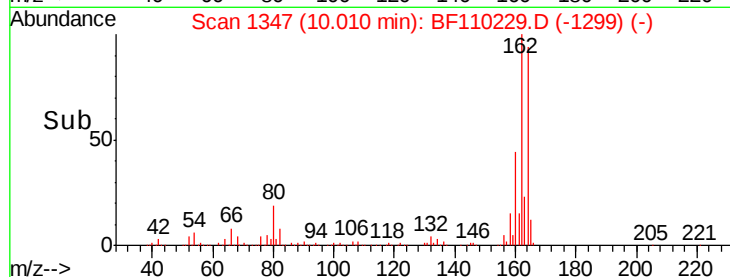
160 46.3 37.0 55.6



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: 90.677 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

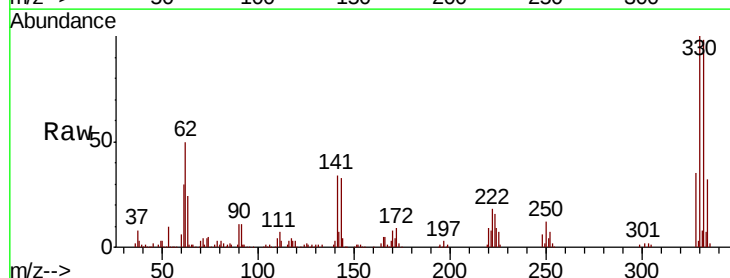
Tgt Ion:330 Resp: 170861

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

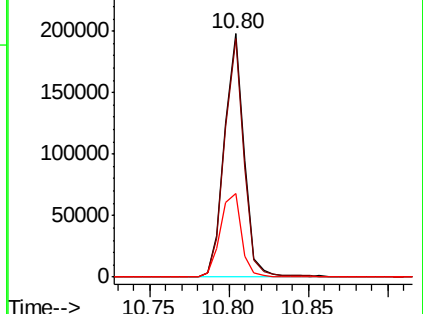
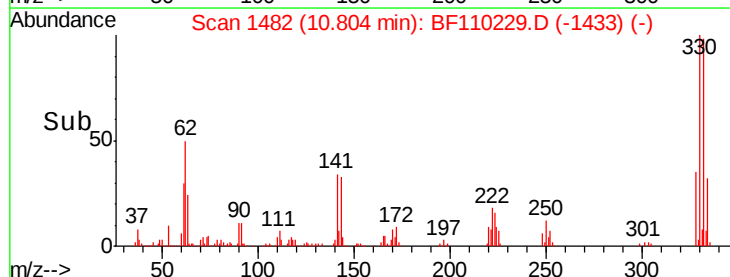
141 36.8 27.0 40.4



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

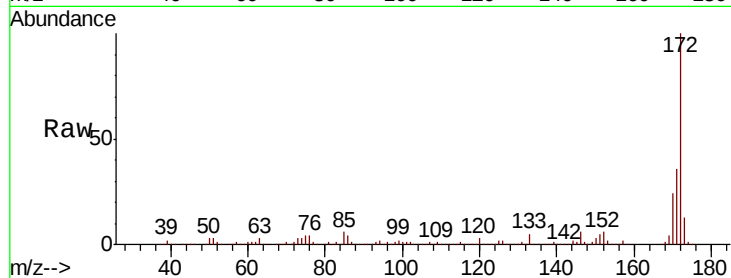




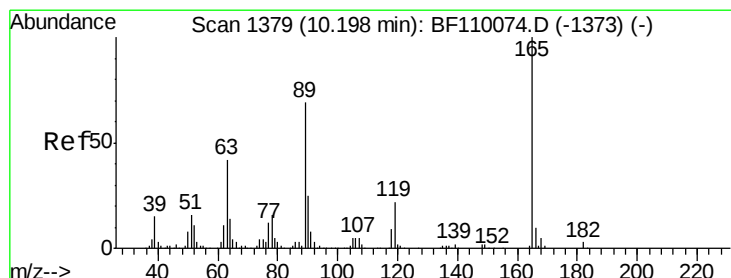
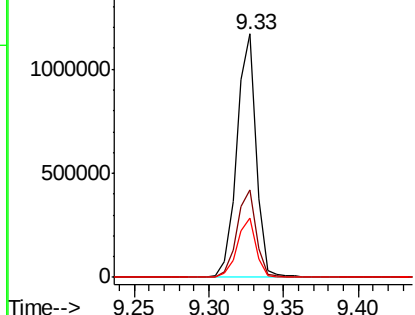
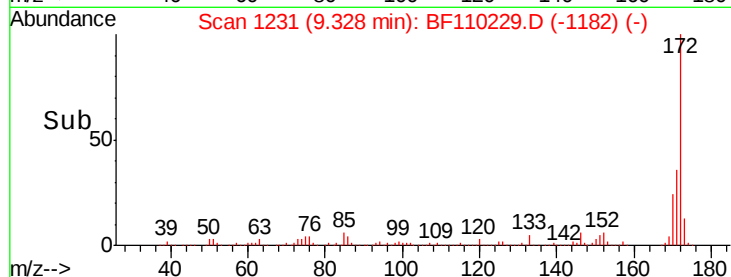
#45
2-Fluorobiphenyl
Concen: 88.378 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1070623
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.2 19.7 29.5

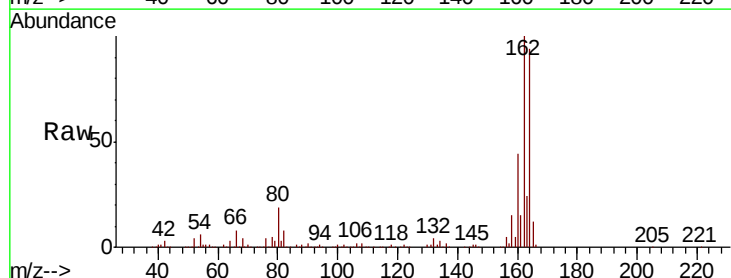


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

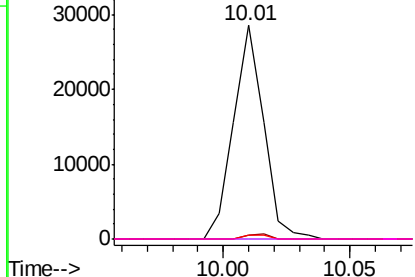
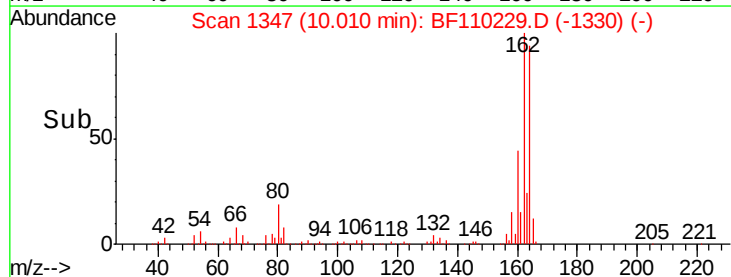


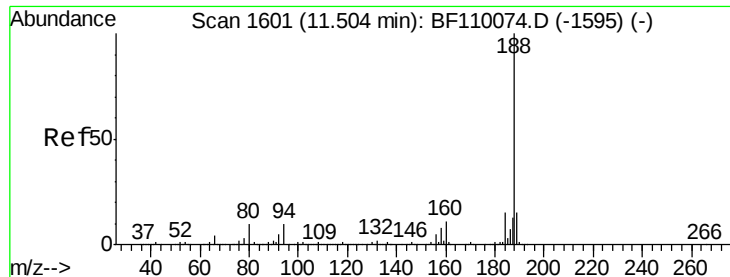
#57
2,4-Dinitrotoluene
Concen: 6.144 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Tgt Ion:165 Resp: 23604
Ion Ratio Lower Upper
165 100
63 1.6 44.8 67.2#
89 2.0 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

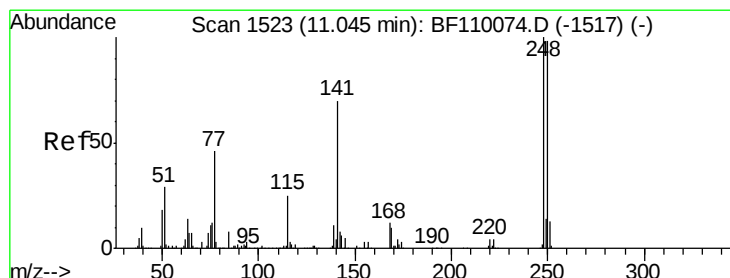
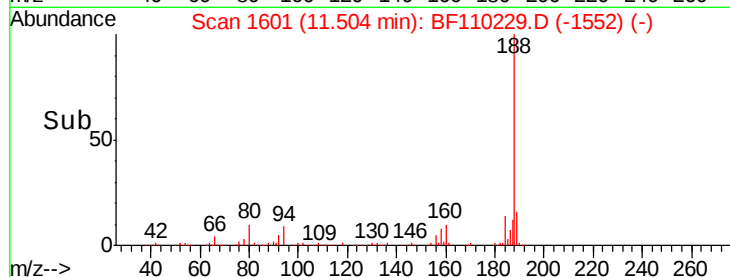
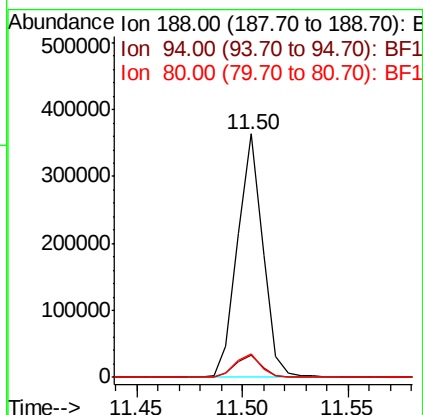
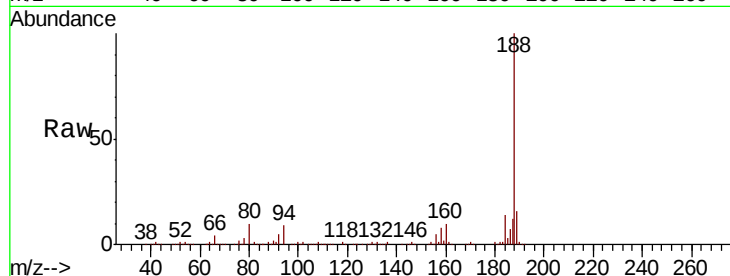




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

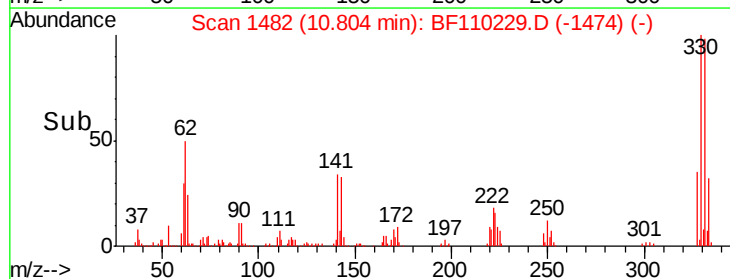
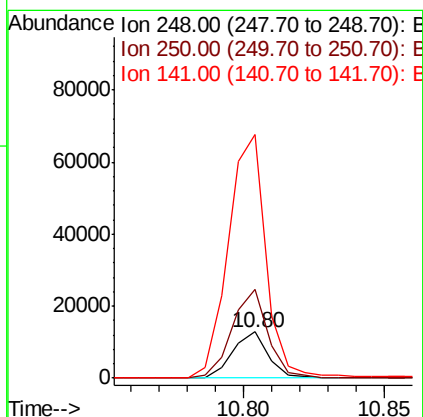
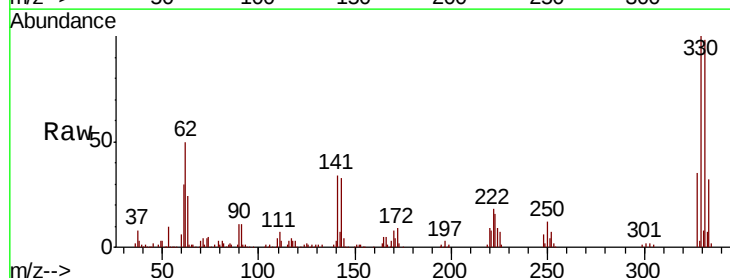
Instrument :
BNA_F
ClientSampled :

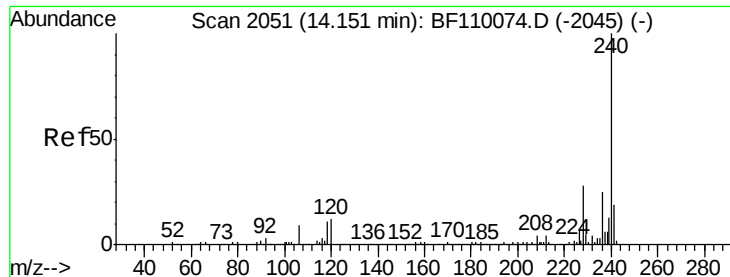
Tot Ion:188 Resp: 301633
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.394 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Tgt Ion:248 Resp: 11104
Ion Ratio Lower Upper
248 100
250 192.5 79.4 119.2#
141 527.2 55.9 83.9#

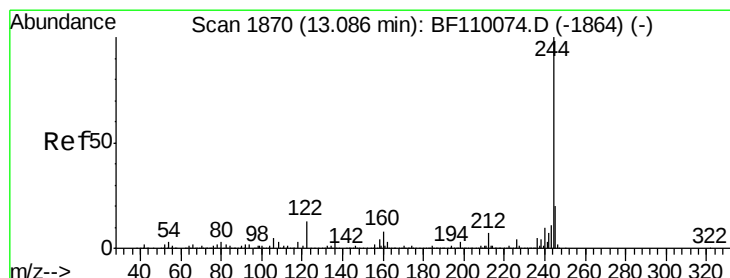
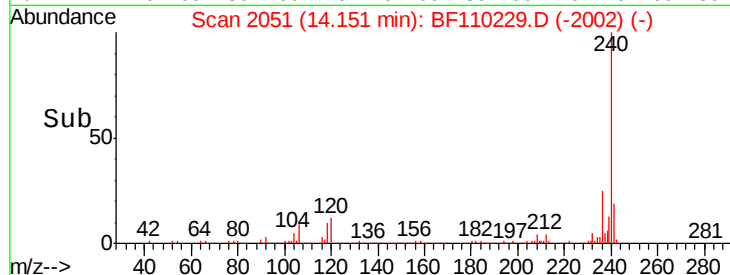
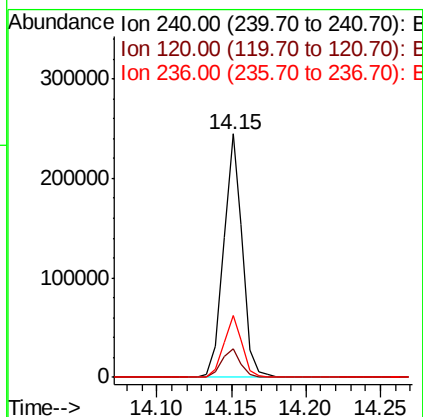
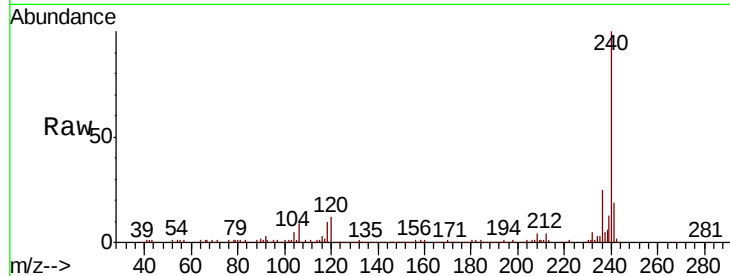




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

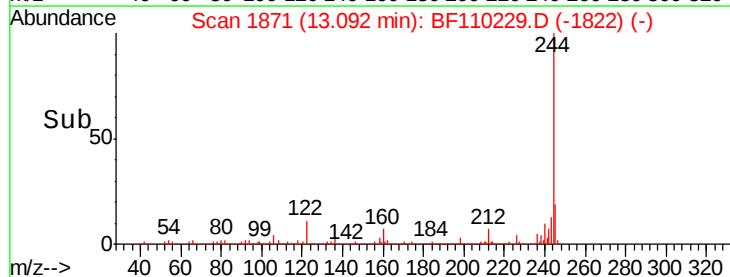
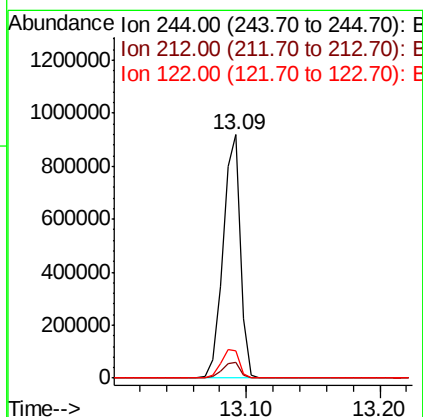
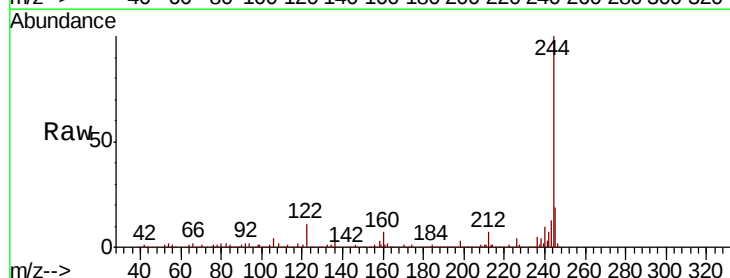
Instrument :
BNA_F
ClientSampleId :

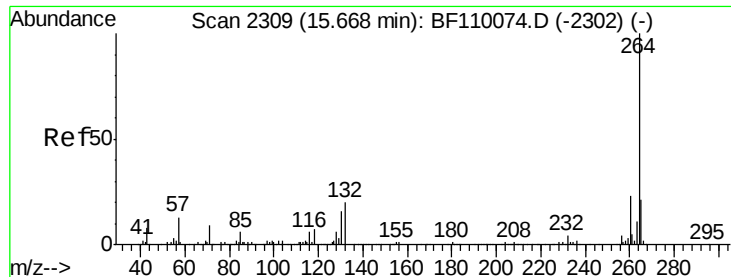
Tot Ion:240 Resp: 216472
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.2 21.2 31.8



#79
Terphenyl-d14
Concen: 80.876 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Tgt Ion:244 Resp: 841814
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 11.0 8.7 13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110229.D
 Acq: 27 Oct 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.3	16.7	25.1

