

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110230.D
 Acq On : 27 Oct 2018 00:34
 Operator : JU/SJ
 Sample : J5683-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 02:29:16 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

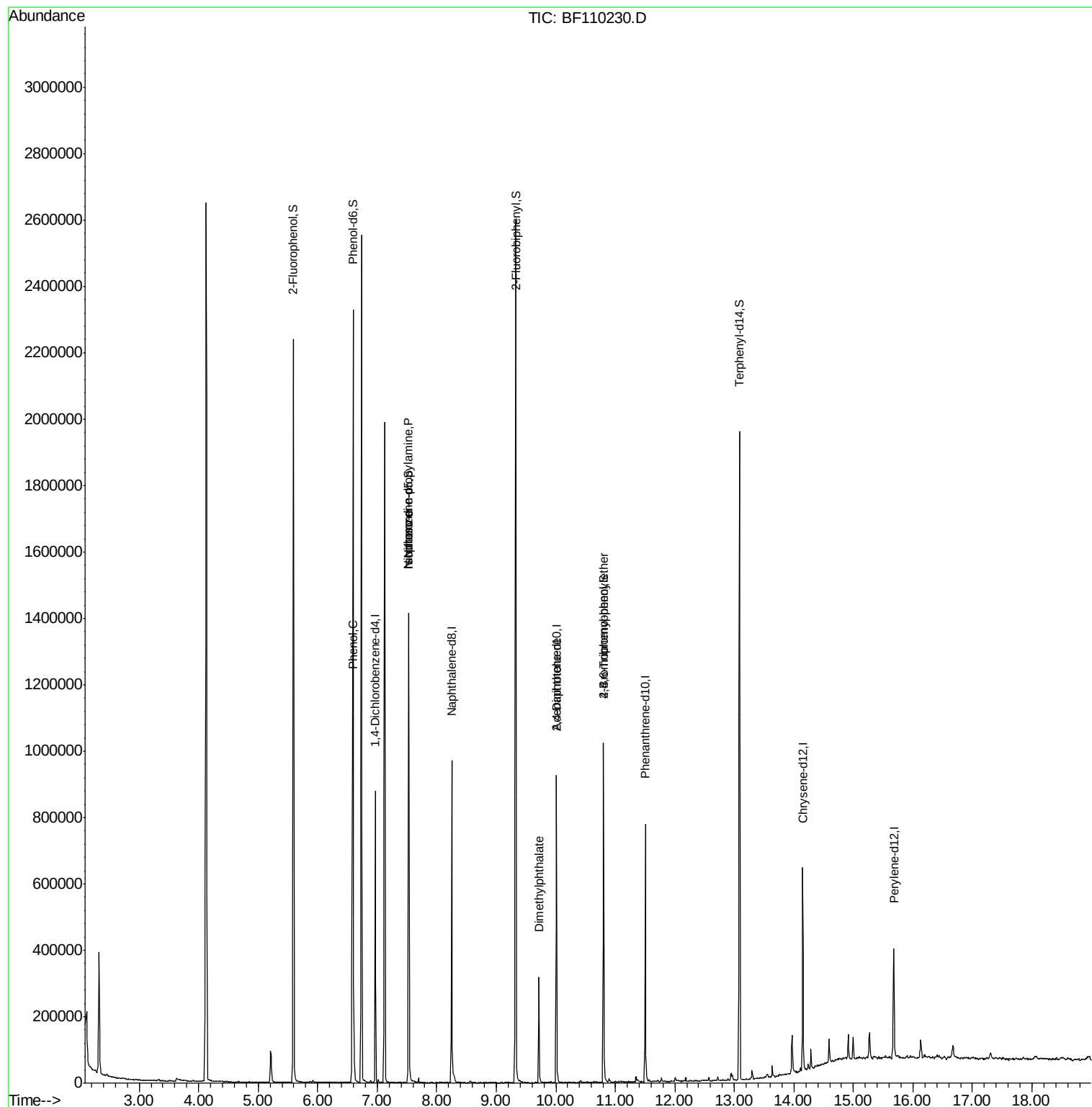
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119707	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	449634	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	177244	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	281499	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	200317	20.00	ng	-0.01
87) Perylene-d12	15.68	264	139132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	670458	91.21	ng	0.00
7) Phenol-d6	6.59	99	825981	87.85	ng	-0.01
23) Nitrobenzene-d5	7.53	82	491484	64.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	126597	72.11	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	833137	73.81	ng	-0.01
79) Terphenyl-d14	13.09	244	628662	65.27	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	1608	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	56187	5.590 ng	#	60
19) n-Nitroso-di-n-propylamine	7.53	70	63863	10.587 ng	#	81
25) Isophorone	7.53	82	491480	38.034 ng	#	67
50) Dimethylphthalate	9.72	163	131605	10.059 ng		99
57) 2,4-Dinitrotoluene	10.01	165	22725	6.348 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	8134	2.664 ng	#	1

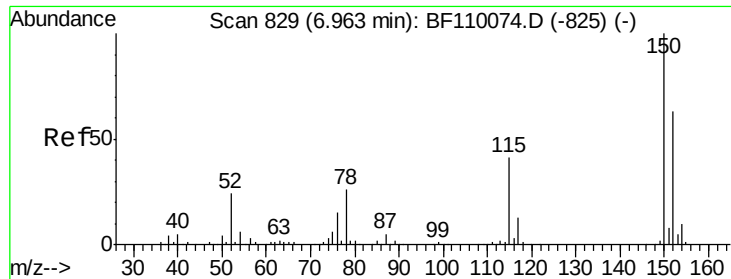
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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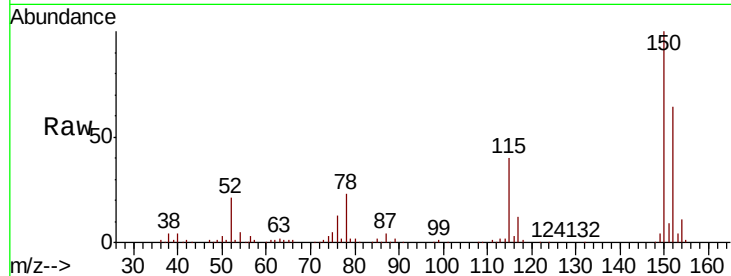


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	62.5	49.1	73.7

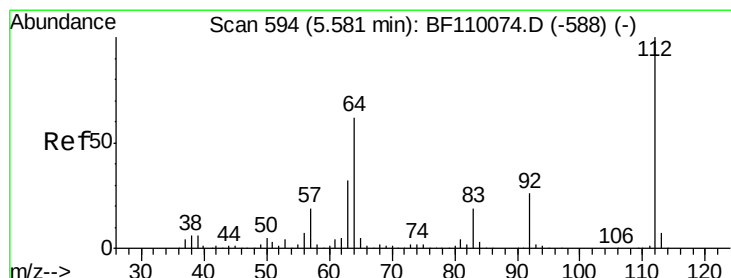
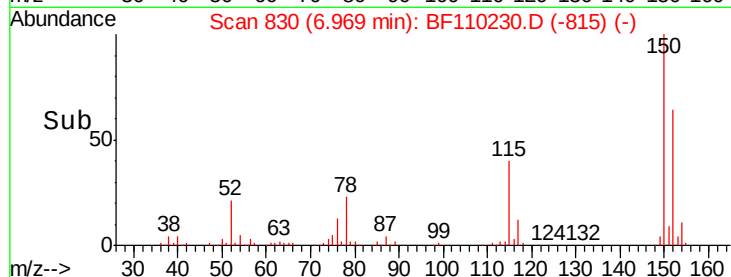
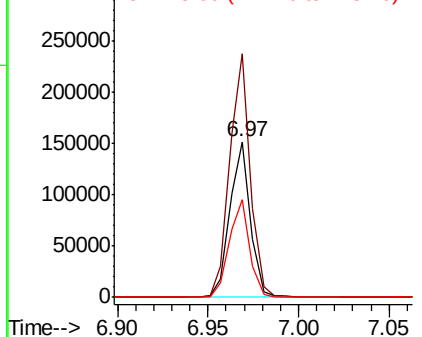


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

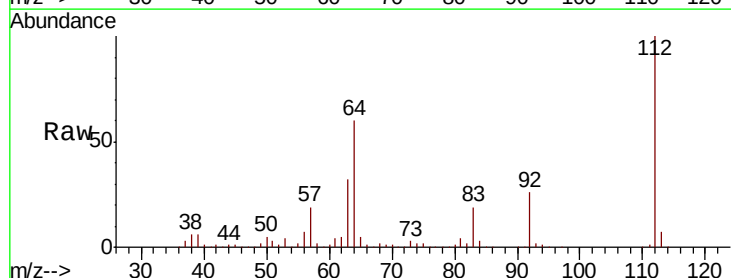
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.207 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.4	23.7	35.5

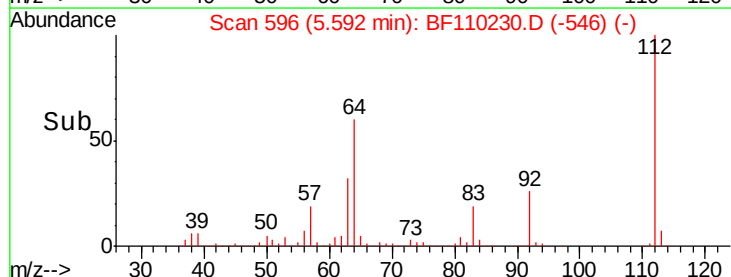
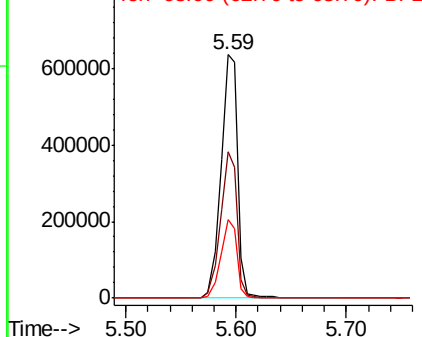


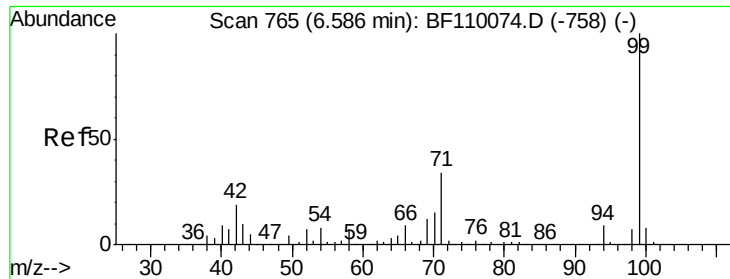
Abundance

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: 87.847 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110230.D

Acq: 27 Oct 2018 00:34

Instrument :

BNA_F

ClientSampleId :

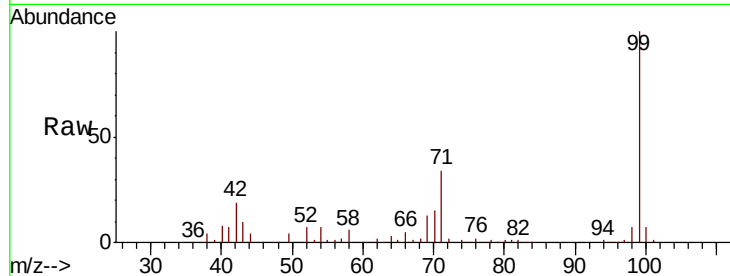
Tot Ion: 99 Resp: 825981

Ion Ratio Lower Upper

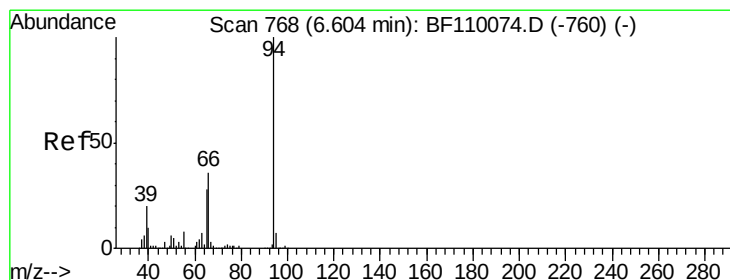
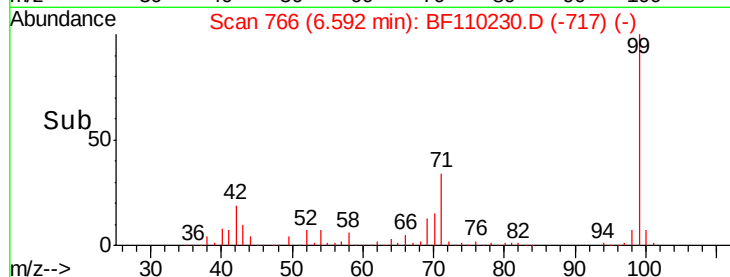
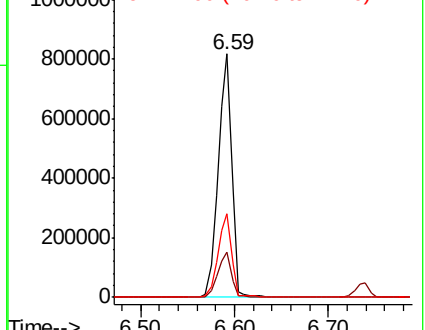
99 100

42 18.7 15.8 23.6

71 34.4 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: 5.590 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110230.D

Acq: 27 Oct 2018 00:34

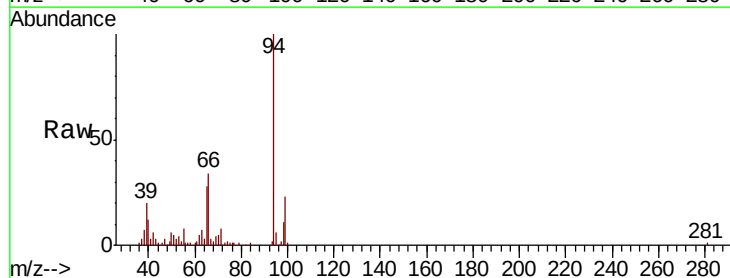
Tgt Ion: 94 Resp: 56187

Ion Ratio Lower Upper

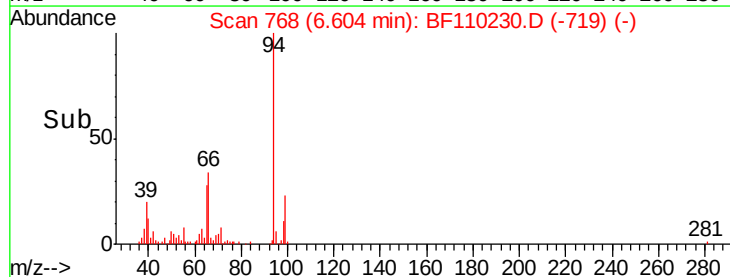
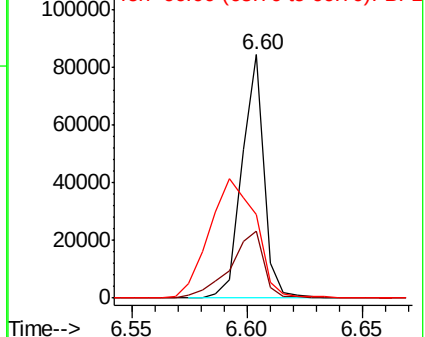
94 100

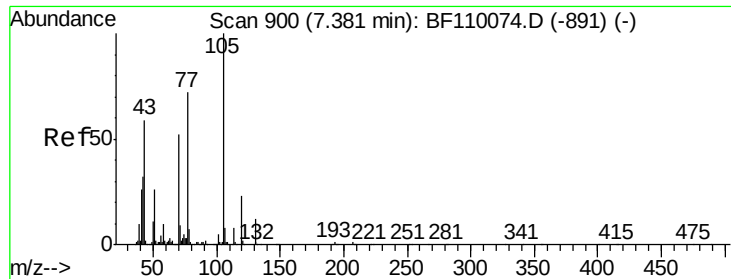
65 27.7 25.3 65.3

66 34.2 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

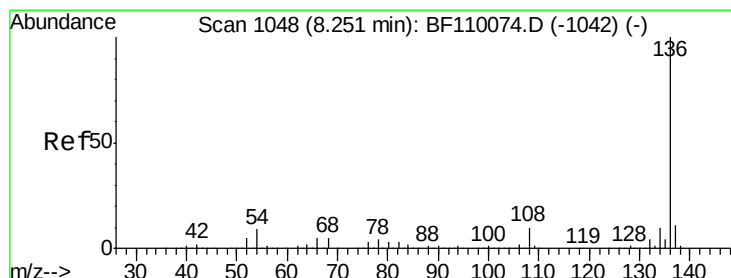
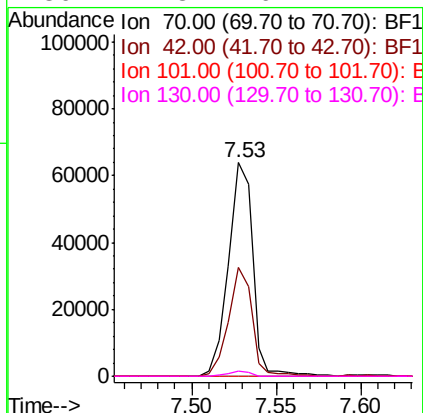
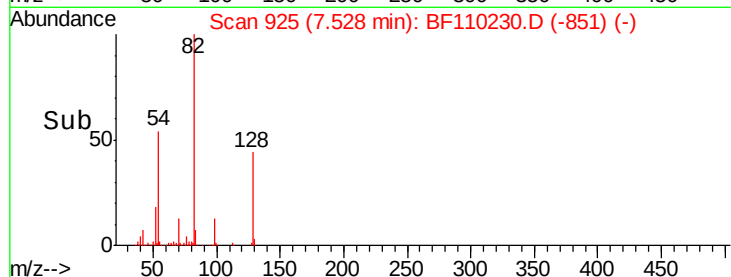
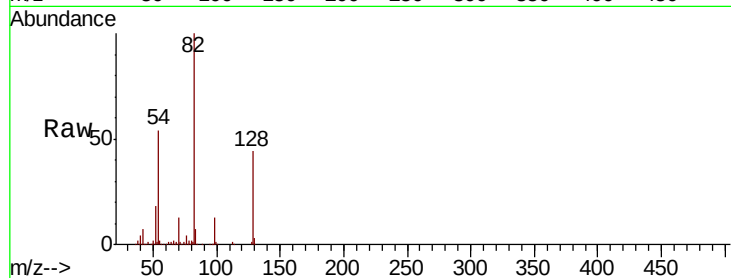




#19
n-Nitroso-di-n-propylamine
Concen: 10.587 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

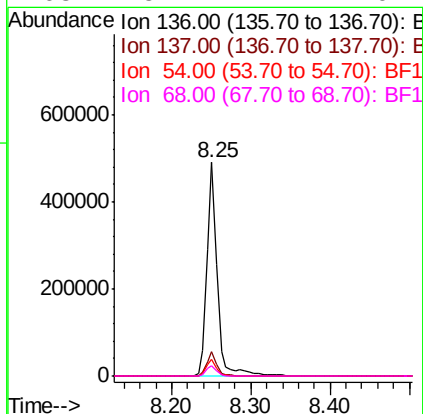
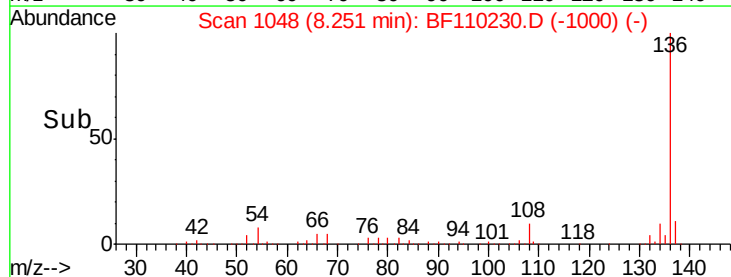
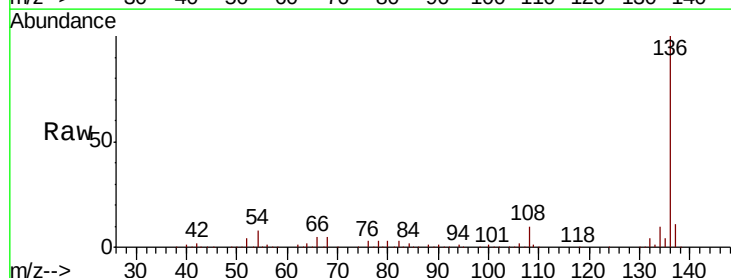
Instrument :
BNA_F
ClientSampled :

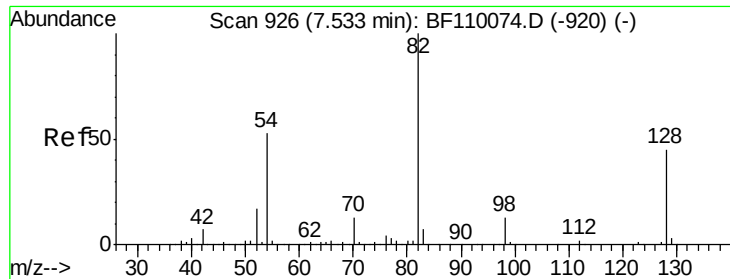
Tot Ion: 70 Resp: 63863
Ion Ratio Lower Upper
70 100
42 51.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion: 136 Resp: 449634
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 5.4 8.2
68 5.1 4.2 6.2

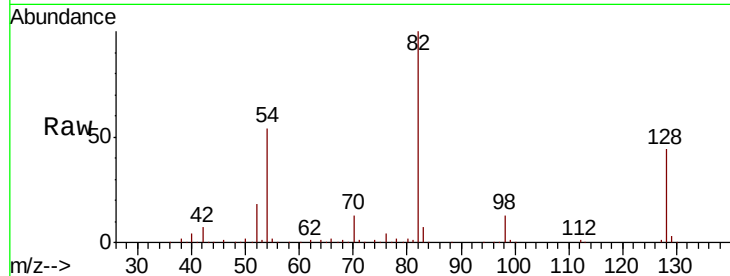




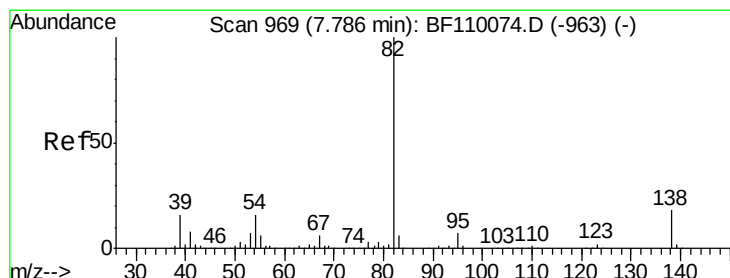
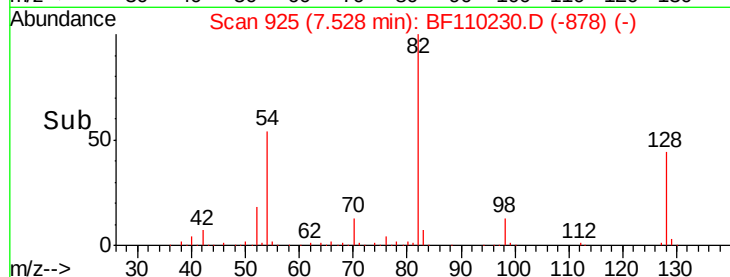
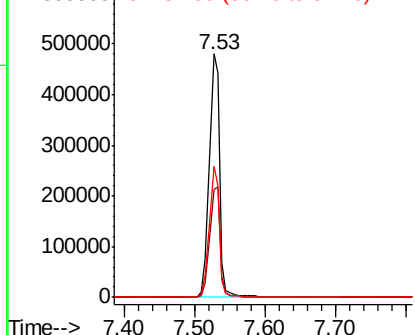
#23
Nitrobenzene-d5
Concen: 64.834 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 491484
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.2
54 53.6 38.6 58.0

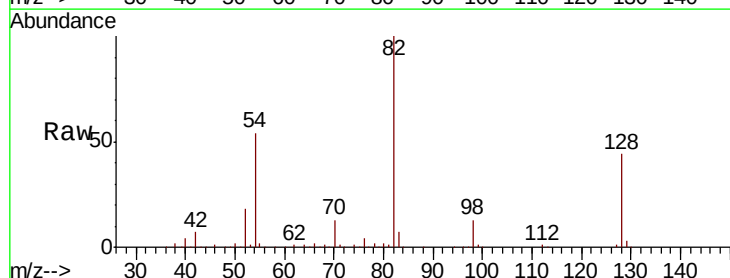


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

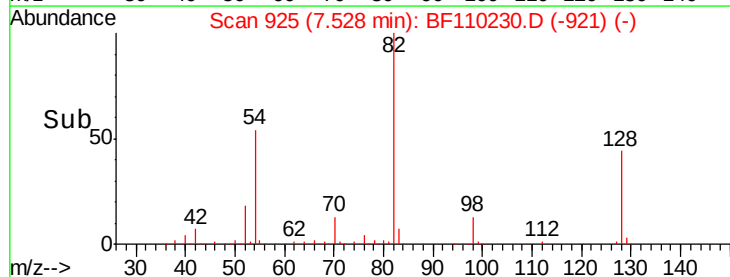
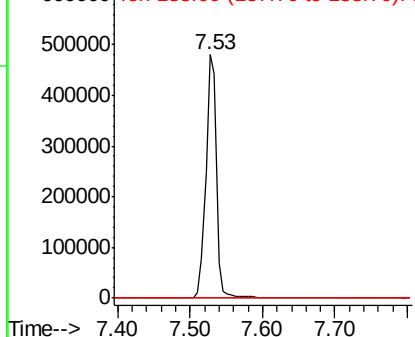


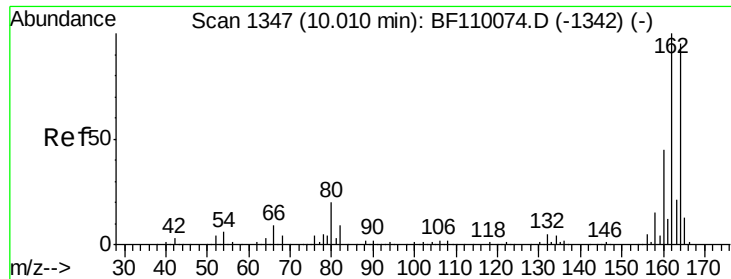
#25
Isophorone
Concen: 38.034 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion: 82 Resp: 491480
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: BF110230.D

Acq: 27 Oct 2018 00:34

Instrument :

BNA_F

ClientSampled :

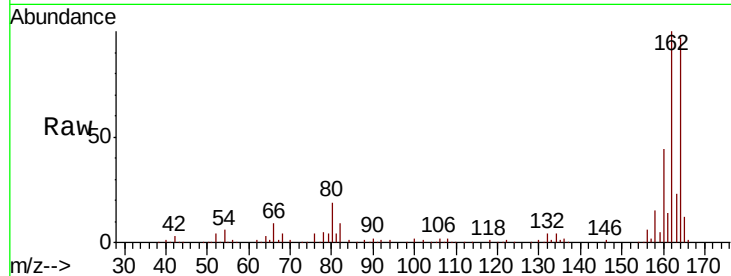
Tot Ion:164 Resp: 177244

Ion Ratio Lower Upper

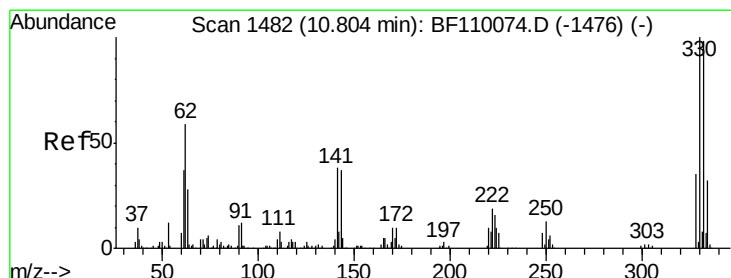
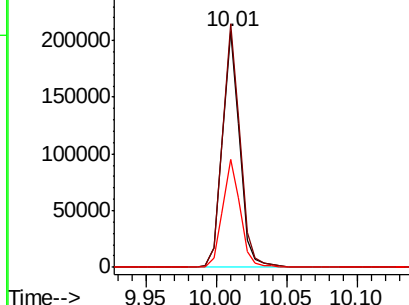
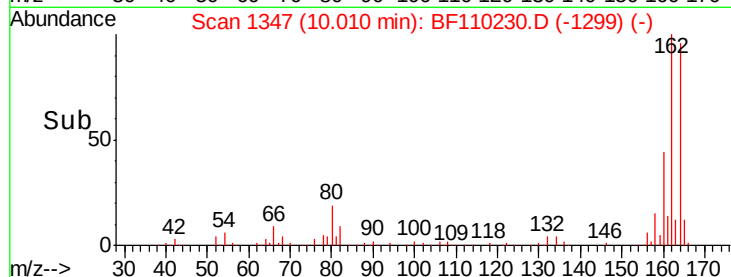
164 100

162 103.3 83.0 124.6

160 45.9 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: 72.105 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110230.D

Acq: 27 Oct 2018 00:34

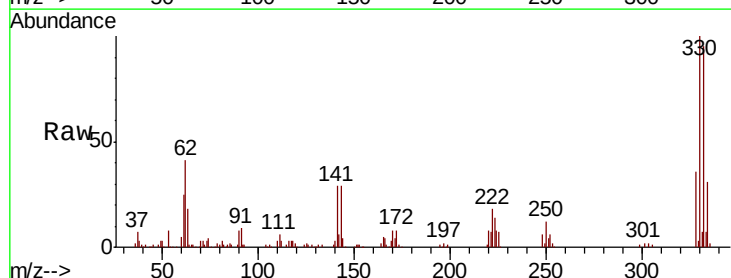
Tgt Ion:330 Resp: 126597

Ion Ratio Lower Upper

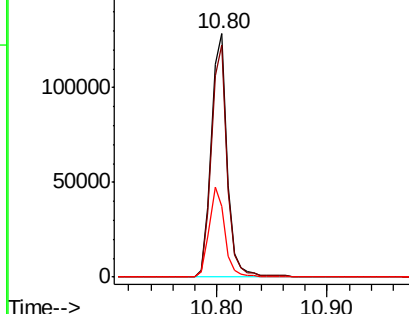
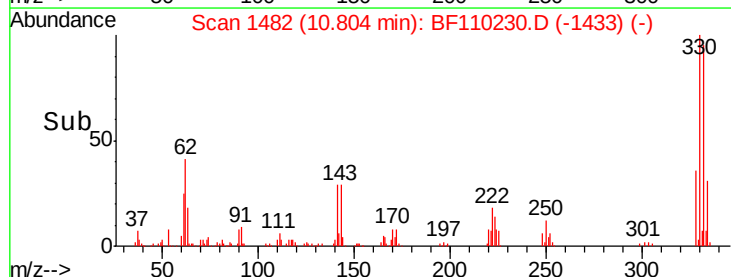
330 100

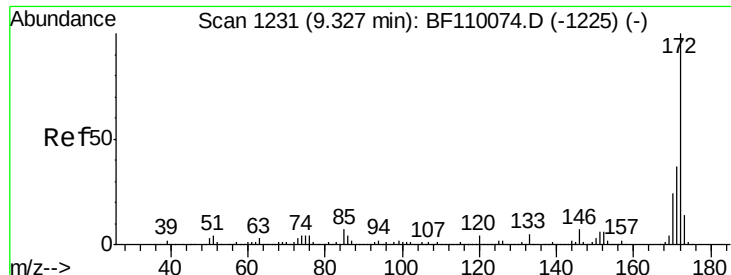
332 94.3 77.1 115.7

141 35.6 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

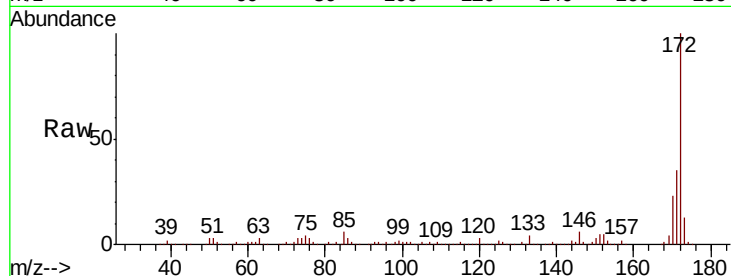




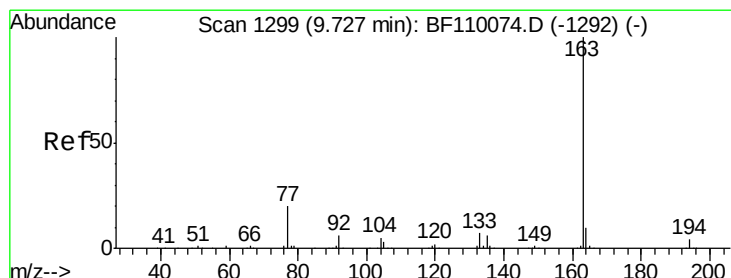
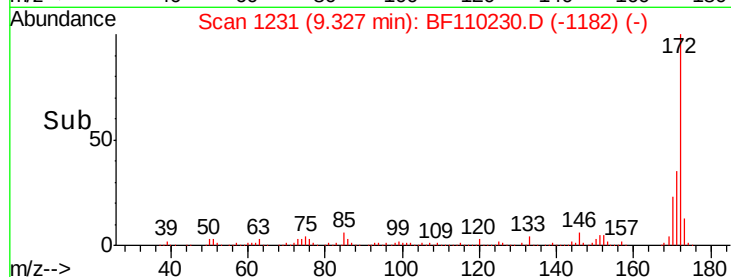
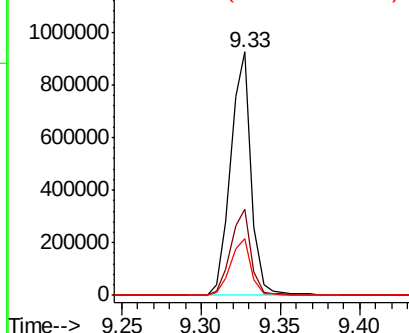
#45
2-Fluorobiphenyl
Concen: 73.810 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 833137
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.2 19.7 29.5

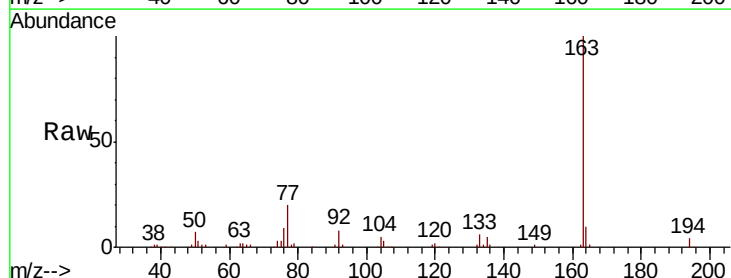


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

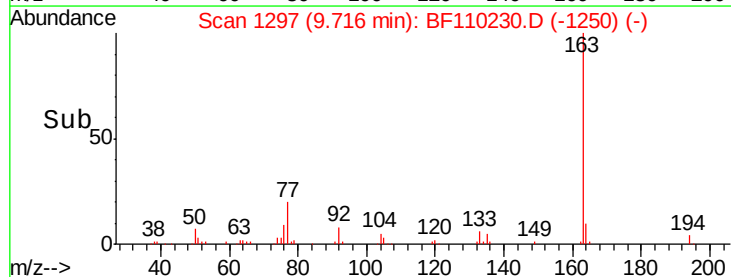
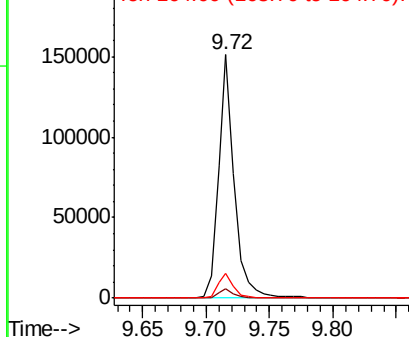


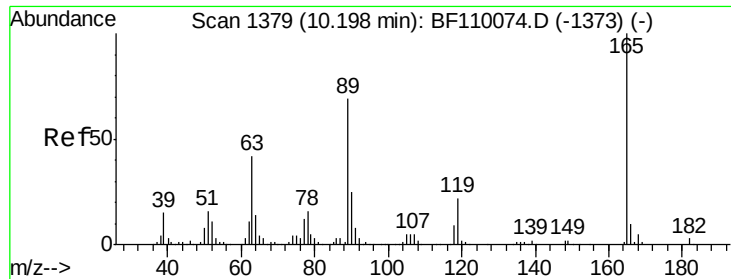
#50
Dimethylphthalate
Concen: 10.059 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion:163 Resp: 131605
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.9 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

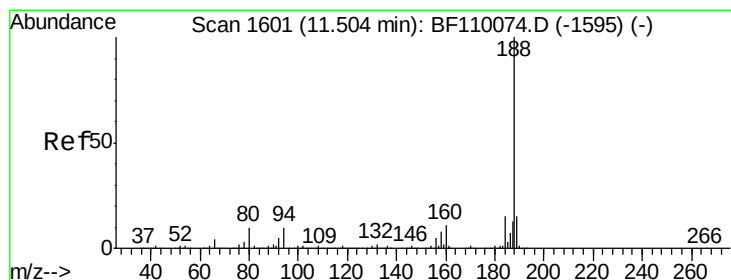
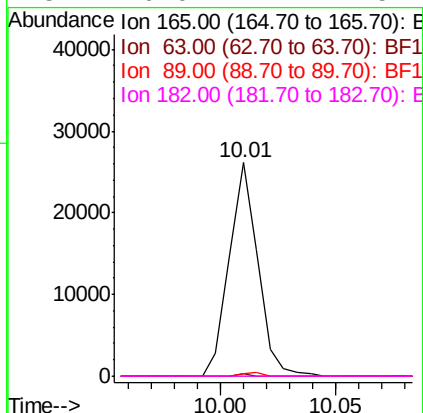
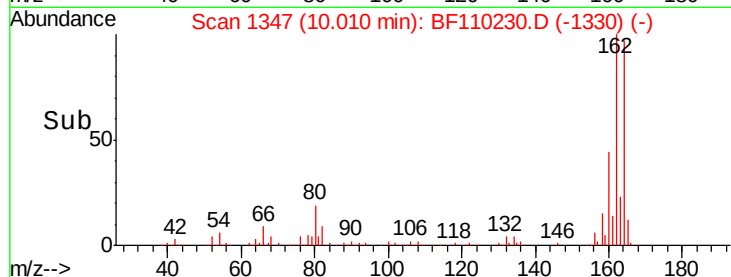
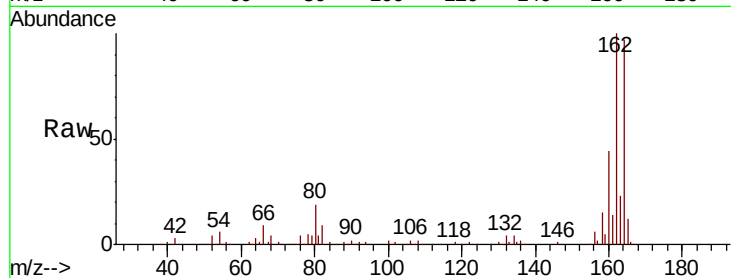




#57
2,4-Dinitrotoluene
Concen: 6.348 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

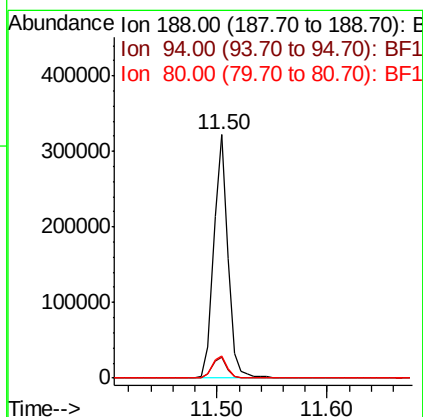
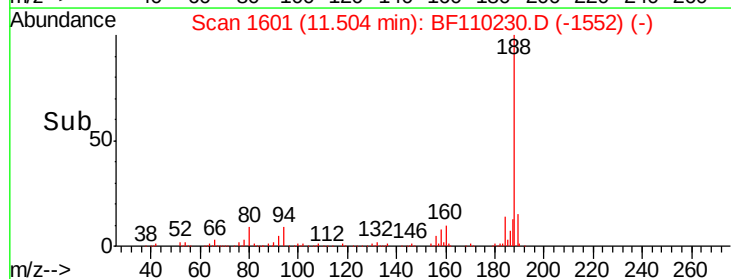
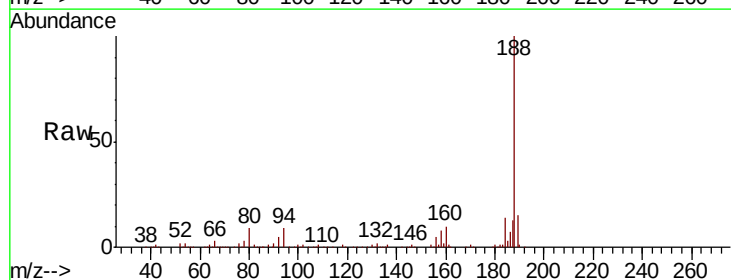
Instrument :
BNA_F
ClientSampleId :

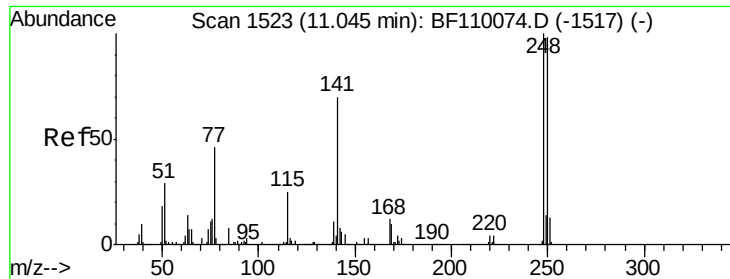
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.3	7.9	11.9

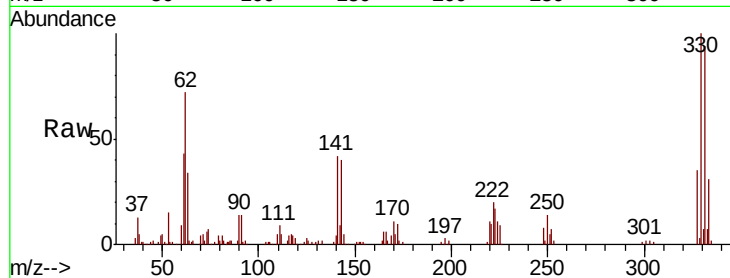




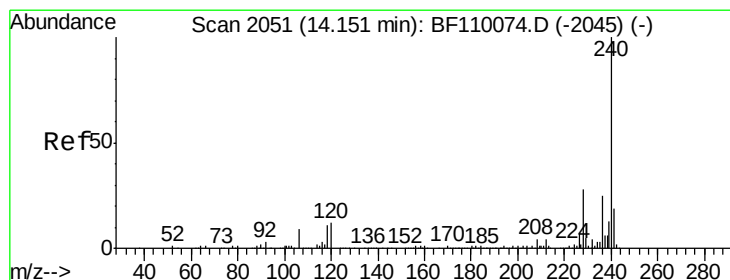
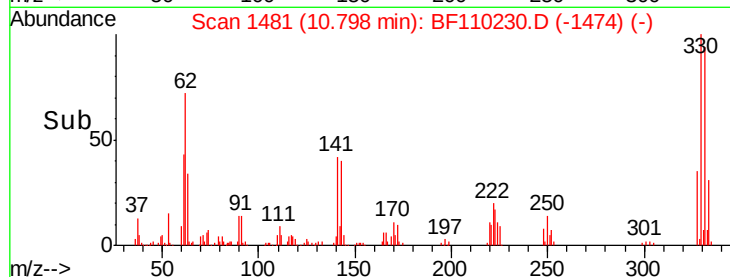
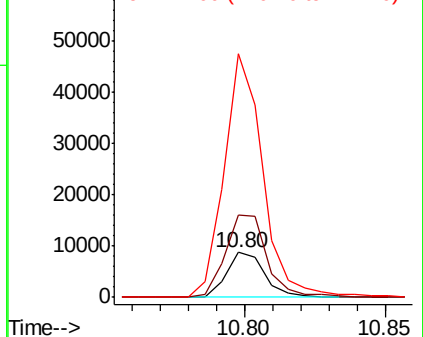
#67
4-Bromophenyl-phenylether
Concen: 2.664 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8134
Ion Ratio Lower Upper
248 100
250 183.6 79.4 119.2#
141 543.9 55.9 83.9#

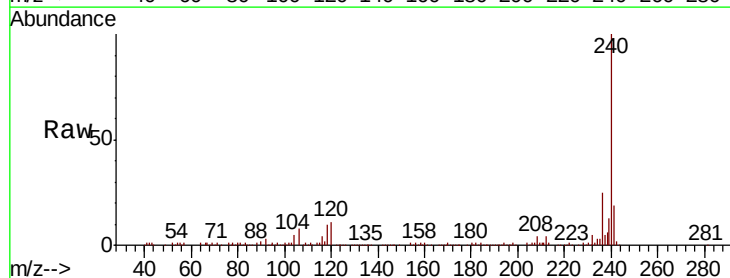


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

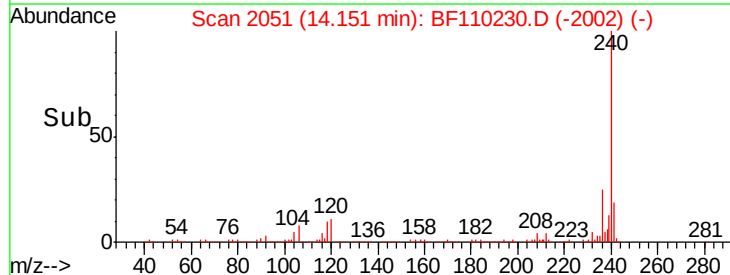
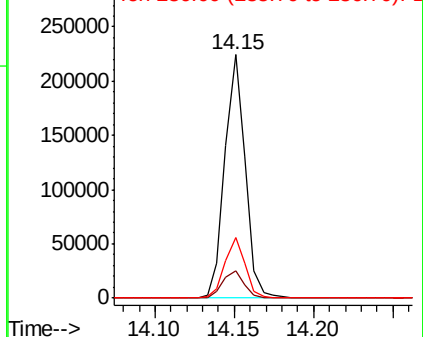


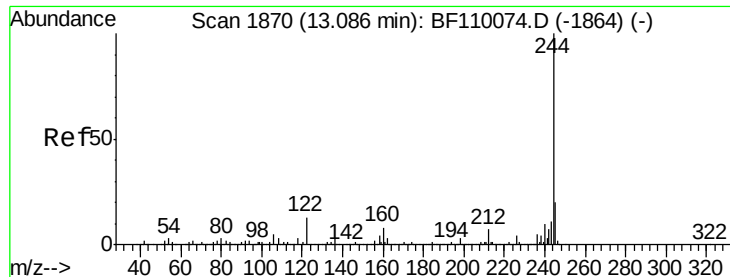
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion:240 Resp: 200317
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 24.9 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: 65.268 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110230.D

Acq: 27 Oct 2018 00:34

Instrument :

BNA_F

ClientSampleId :

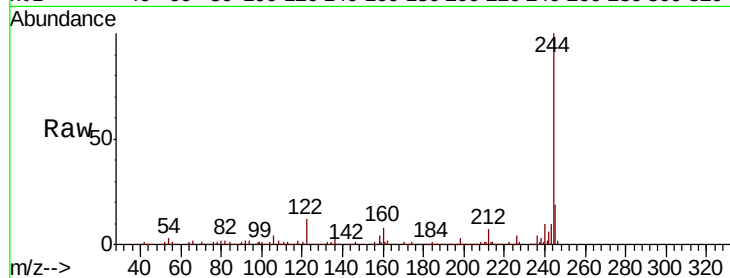
Tot Ion:244 Resp: 628662

Ion Ratio Lower Upper

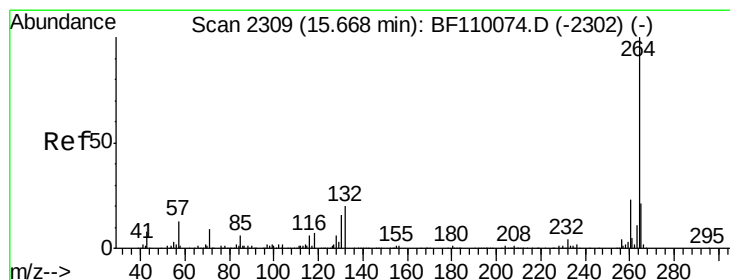
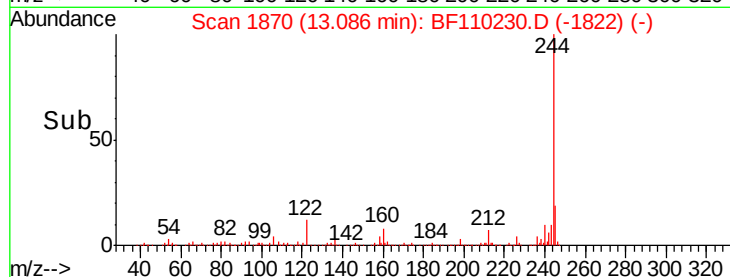
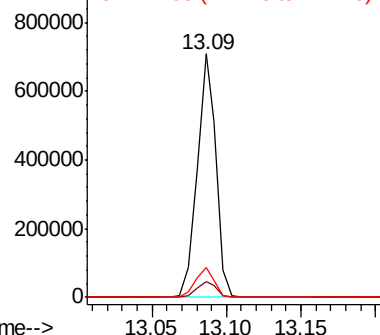
244 100

212 6.6 5.8 8.8

122 12.5 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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110230.D

Acq: 27 Oct 2018 00:34

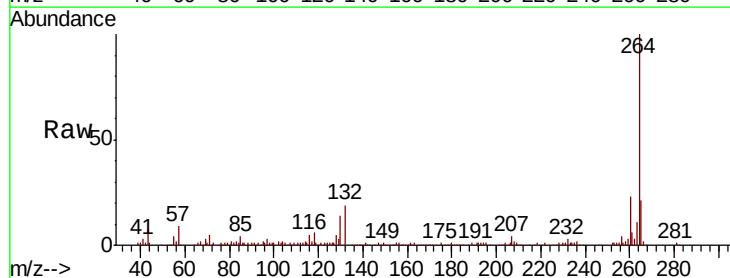
Tgt Ion:264 Resp: 139132

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 21.3 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

