

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110156.D
 Acq On : 25 Oct 2018 12:45
 Operator : JU/SJ
 Sample : J5618-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:25:30 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

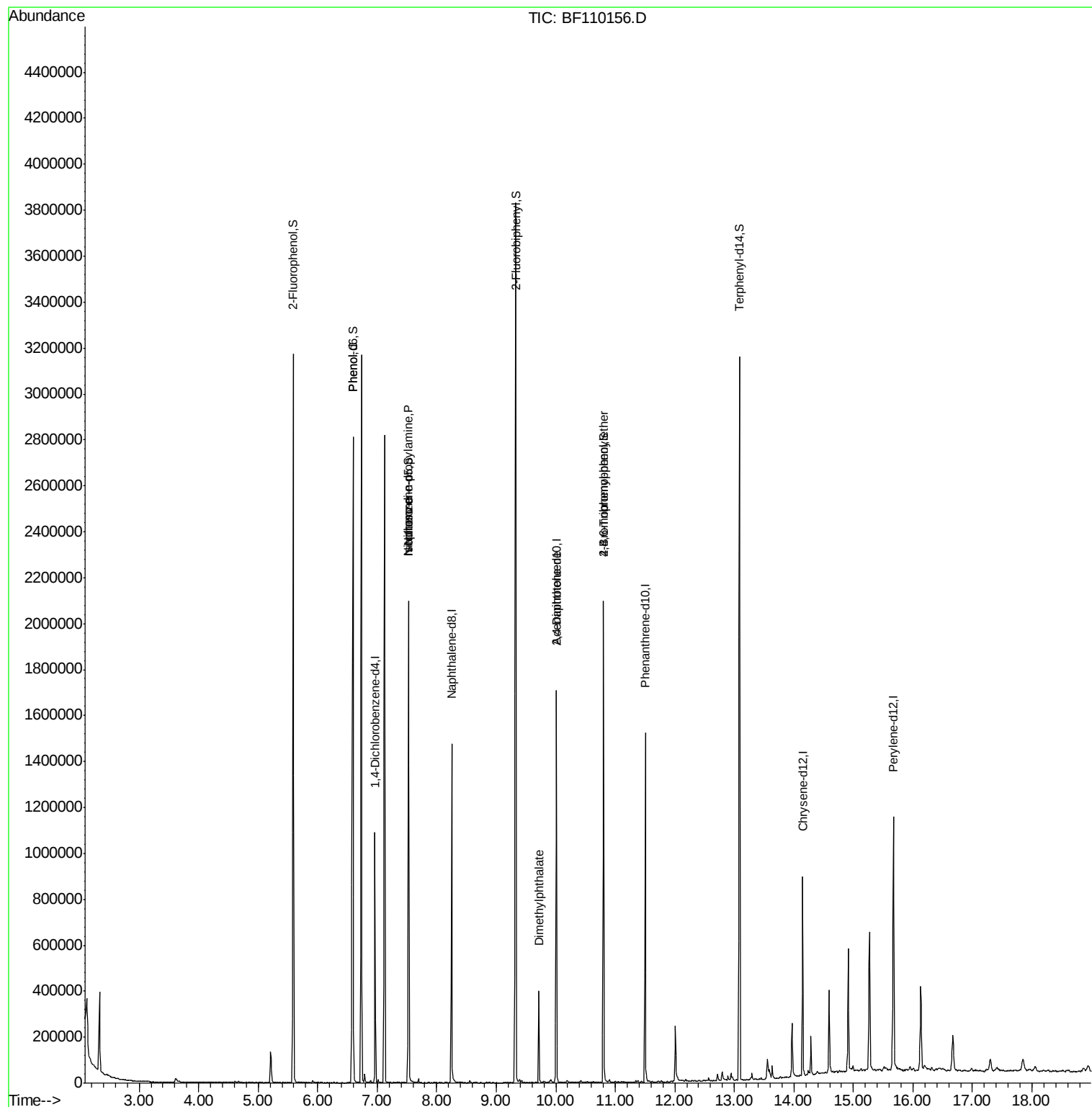
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169323	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	678567	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	316220	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	561189	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	292910	20.00	ng	-0.02
87) Perylene-d12	15.67	264	275494	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	841040	80.89	ng	0.00
7) Phenol-d6	6.59	99	1092114	82.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	691879	60.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	260957	83.31	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1279423	63.53	ng	-0.01
79) Terphenyl-d14	13.09	244	1035296	73.51	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	2744	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	94595	6.654 ng	#	68
19) n-Nitroso-di-n-propylamine	7.53	70	91899	10.771 ng	#	79
25) Isophorone	7.53	82	691875	35.478 ng	#	67
50) Dimethylphthalate	9.72	163	159853	6.848 ng		99
57) 2,4-Dinitrotoluene	10.01	165	40434	6.331 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	17124	2.813 ng	#	1

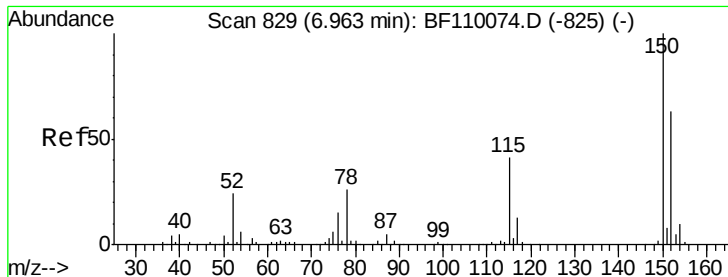
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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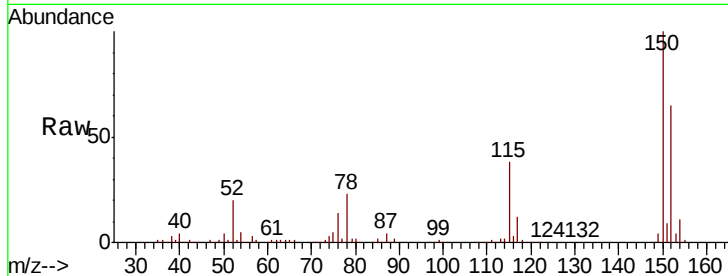


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.7	184.1
115	58.7	49.1	73.7

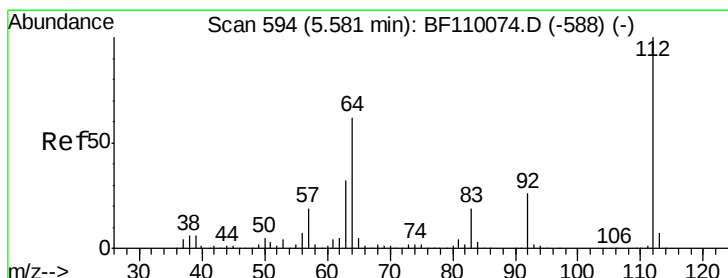
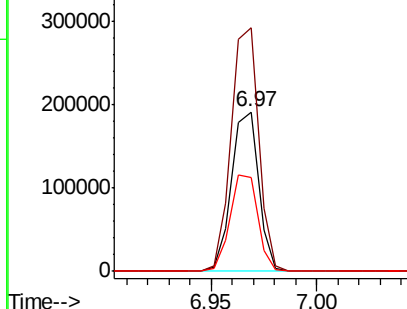
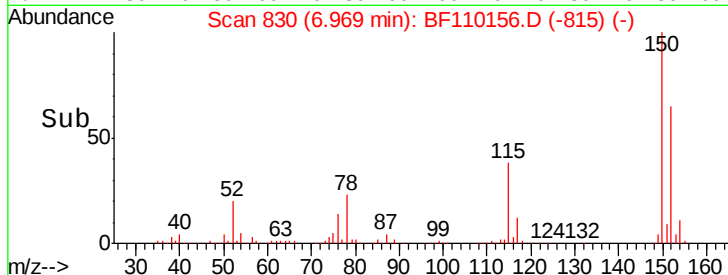


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

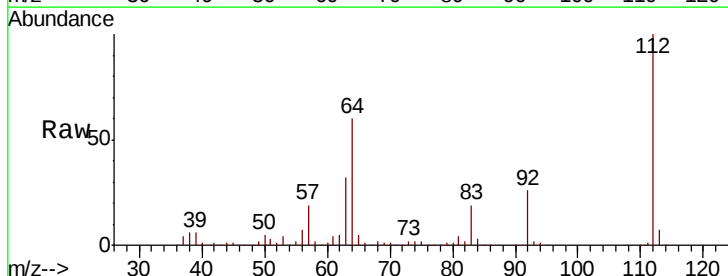
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.886 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	31.7	23.7	35.5

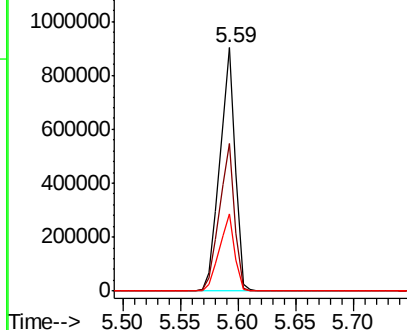
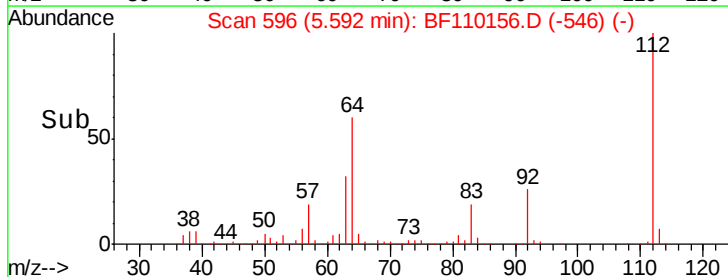


Abundance

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: 82.116 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110156.D

Acq: 25 Oct 2018 12:45

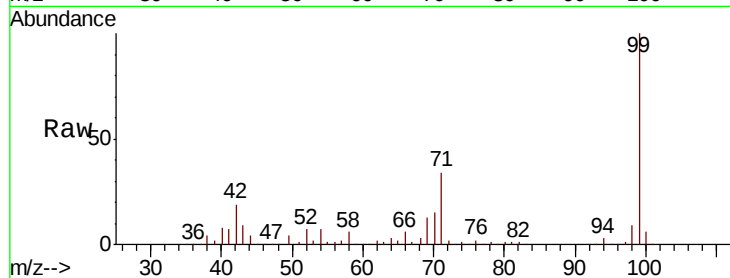
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1092114

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	34.2	28.0	42.0

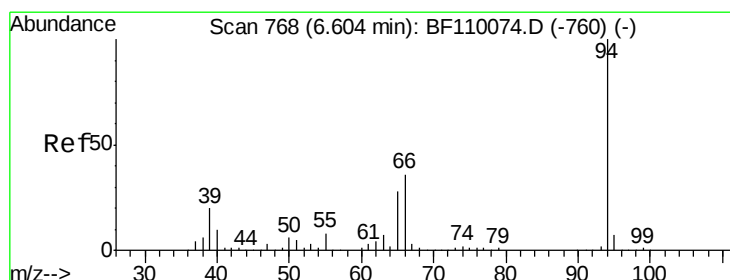
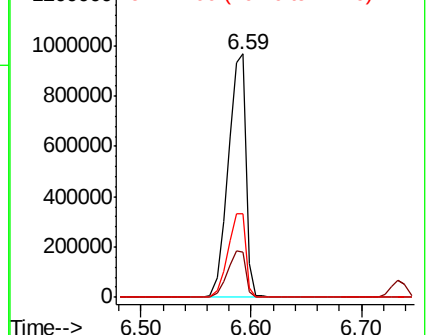
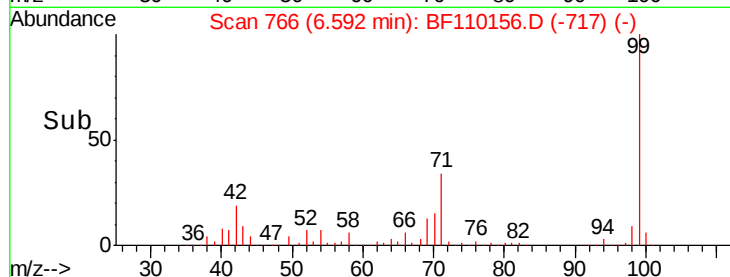


Abundance

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: 6.654 ng

RT: 6.60 min Scan# 767

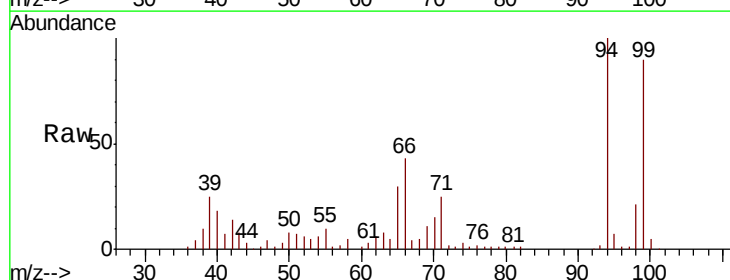
Delta R.T. -0.02 min

Lab File: BF110156.D

Acq: 25 Oct 2018 12:45

Tgt Ion: 94 Resp: 94595

Ion	Ratio	Lower	Upper
94	100		
65	29.9	25.3	65.3
66	42.7	54.5	94.5#

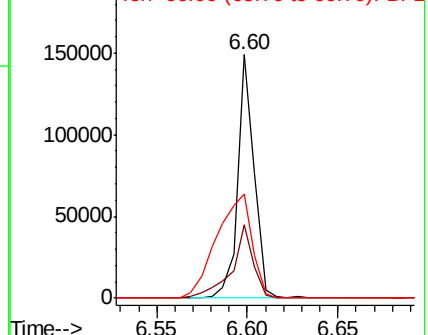
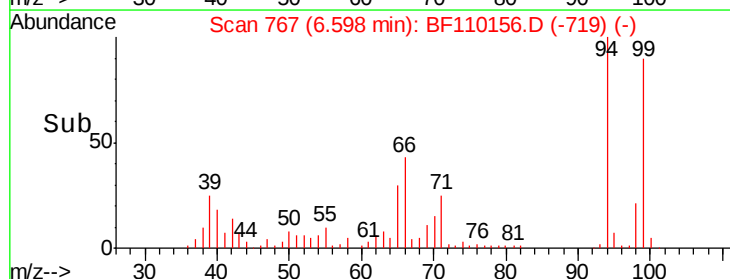


Abundance

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

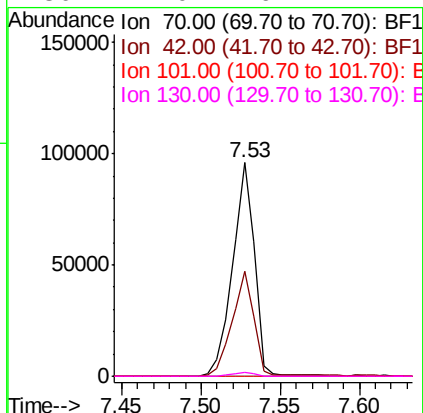
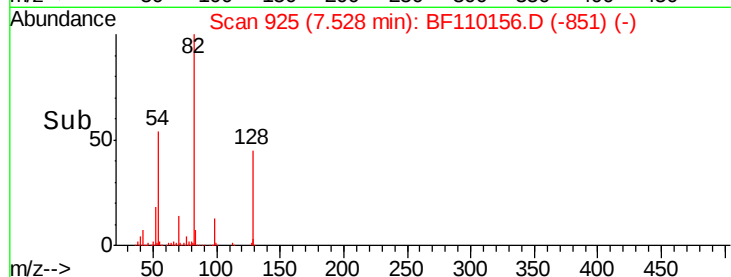
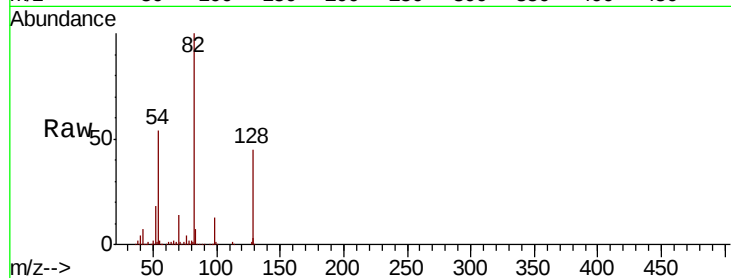




#19
n-Nitroso-di-n-propylamine
Concen: 10.771 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.13 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

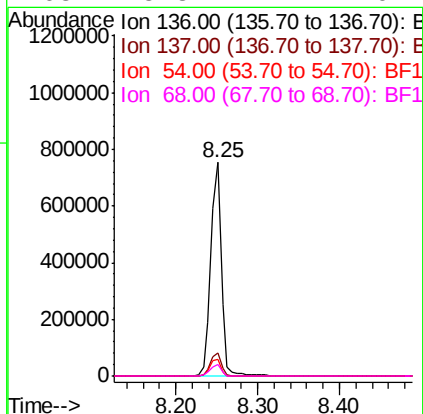
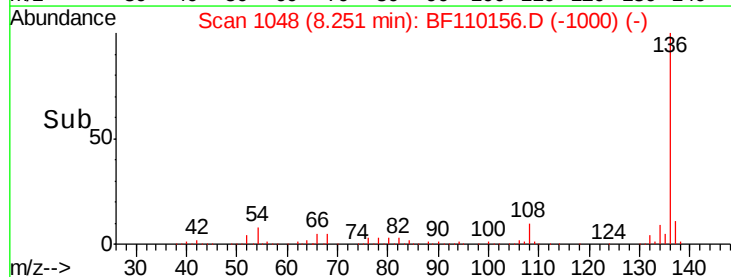
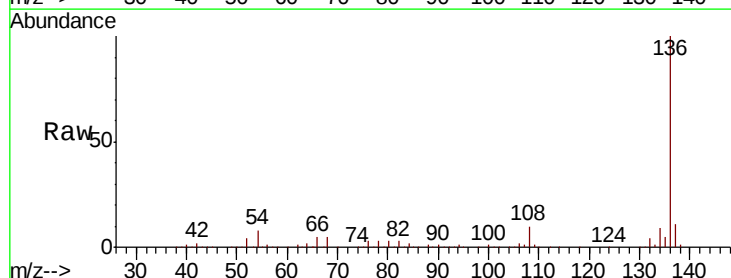
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 91899
Ion Ratio Lower Upper
70 100
42 49.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 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: BF110156.D
Acq: 25 Oct 2018 12:45

Tgt Ion: 136 Resp: 678567
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 5.4 8.2
68 5.3 4.2 6.2

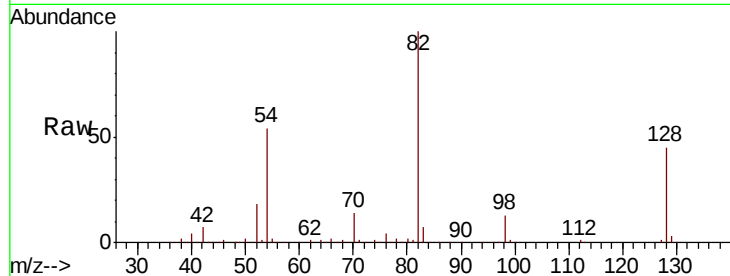




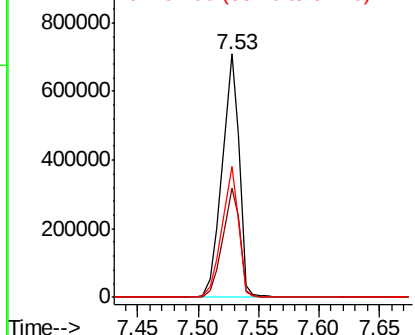
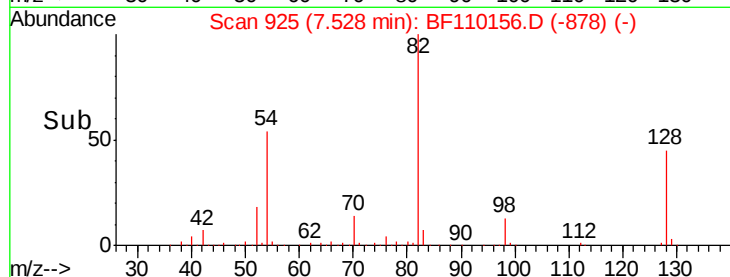
#23
Nitrobenzene-d5
Concen: 60.477 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	691879
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.2	51.2
54	54.0	38.6	58.0

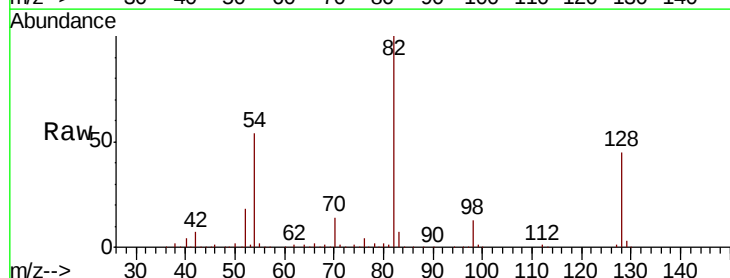


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

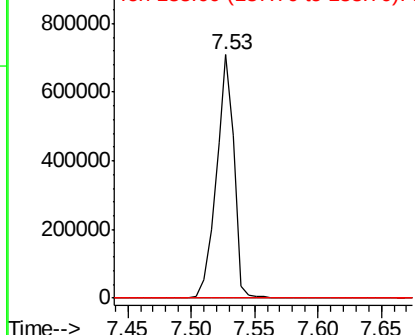
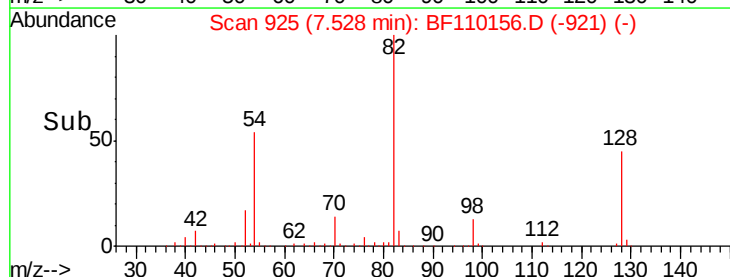


#25
Isophorone
Concen: 35.478 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Tgt Ion	82	Resp	691875
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: BF110156.D

Acq: 25 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

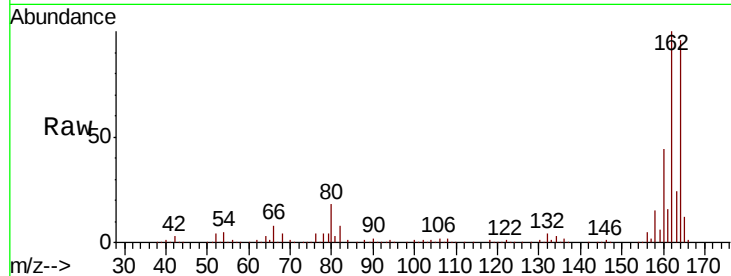
Tot Ion:164 Resp: 316220

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

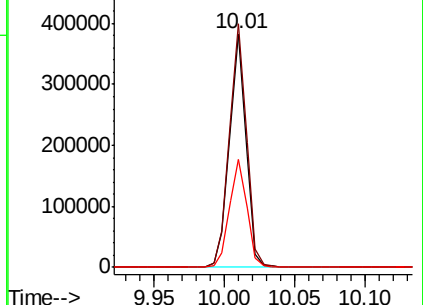
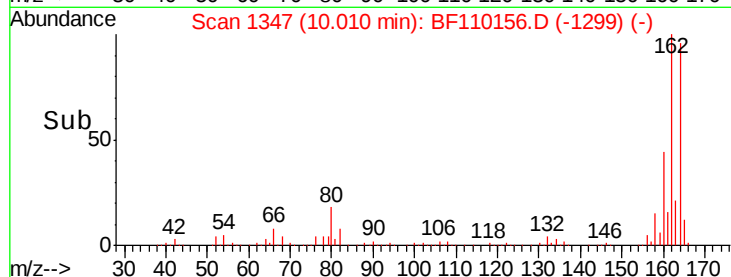
160 46.0 37.0 55.6



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: 83.310 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110156.D

Acq: 25 Oct 2018 12:45

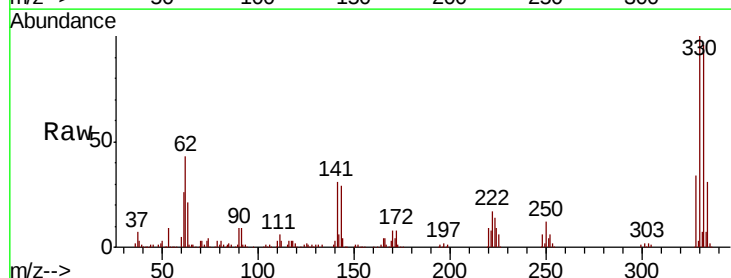
Tgt Ion:330 Resp: 260957

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

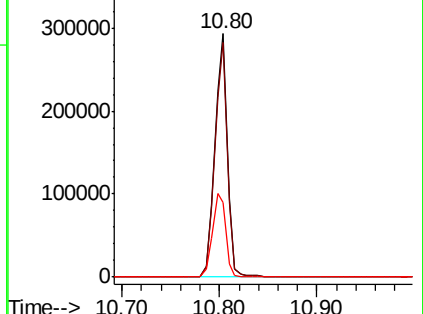
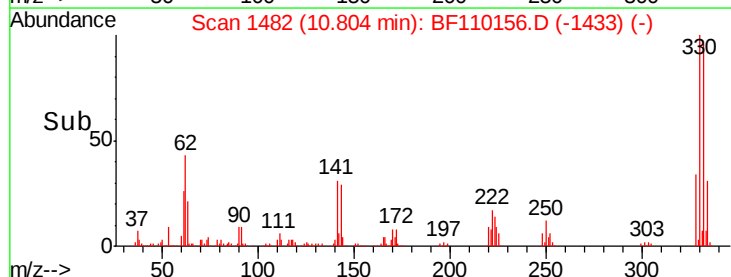
141 36.5 27.0 40.4



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

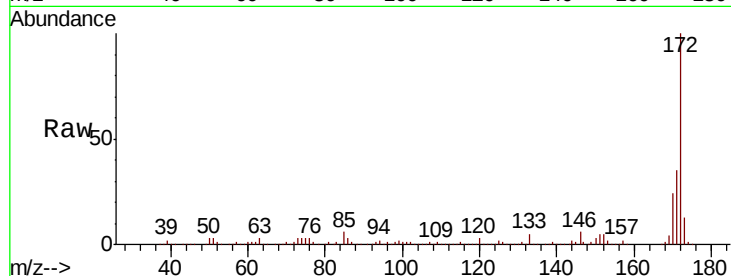




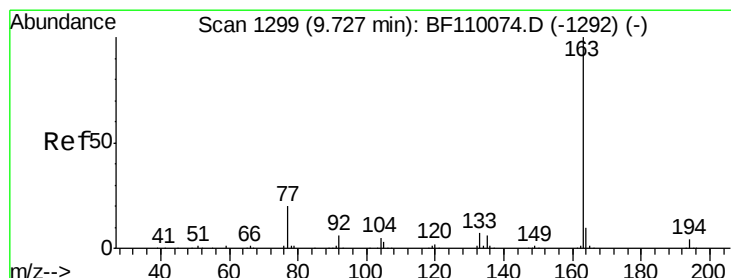
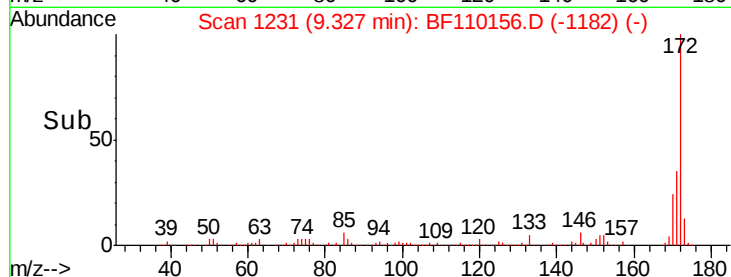
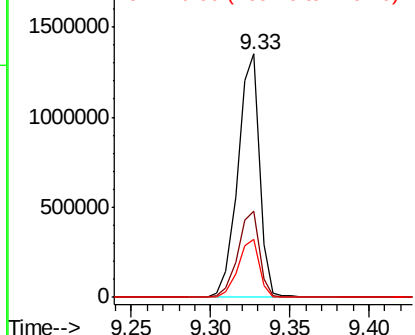
#45
2-Fluorobiphenyl
Concen: 63.533 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1279423
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.7 29.5

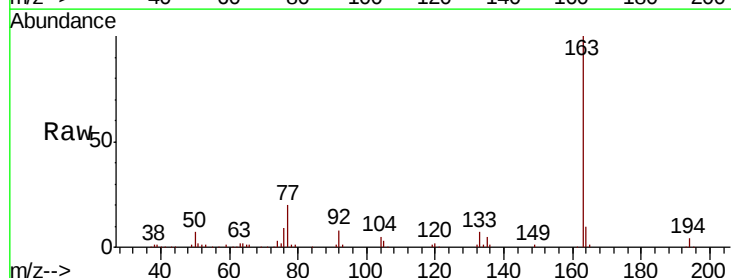


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

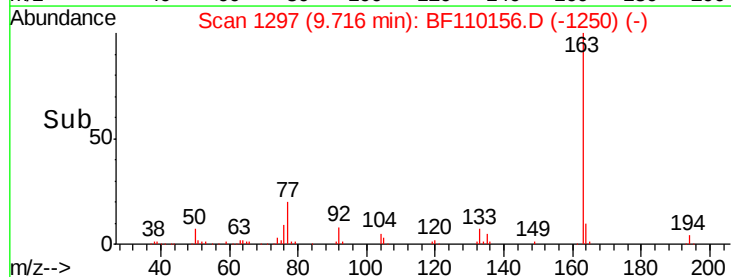
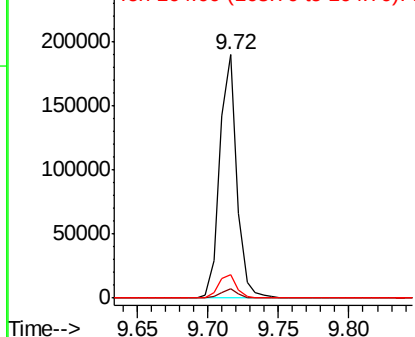


#50
Dimethylphthalate
Concen: 6.848 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Tgt Ion:163 Resp: 159853
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 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

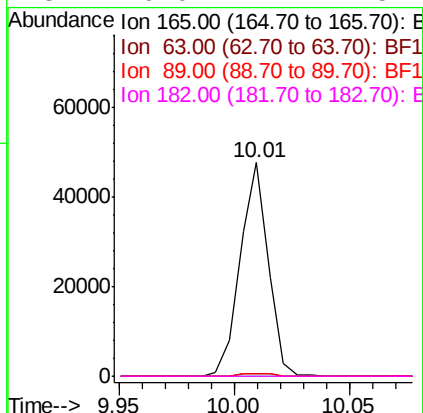
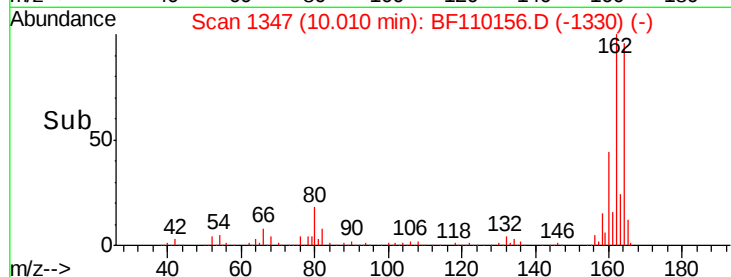
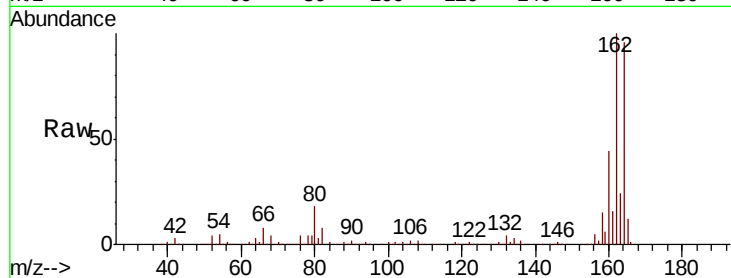




#57
2,4-Dinitrotoluene
Concen: 6.331 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

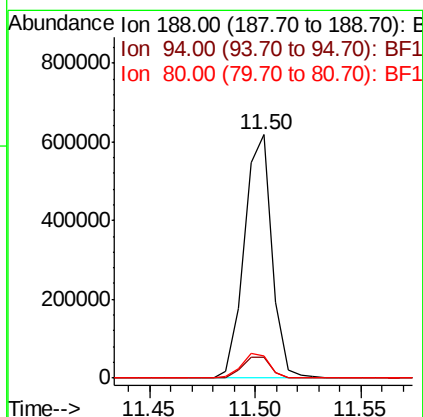
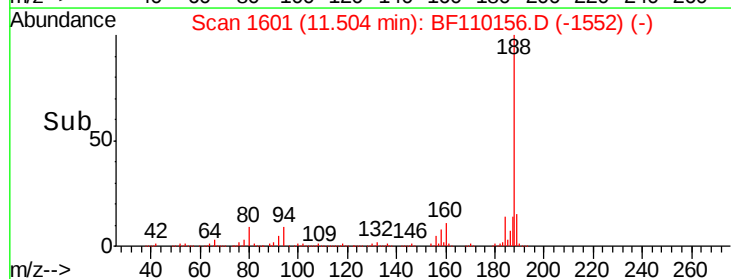
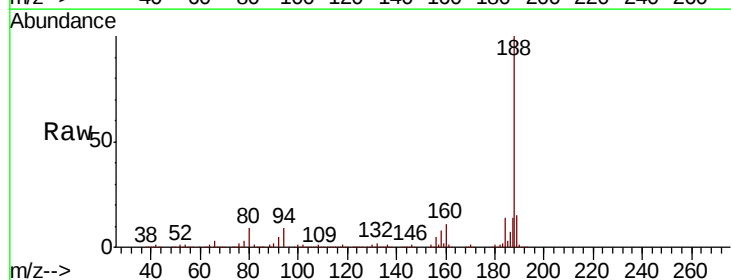
Instrument :
BNA_F
ClientSampleId :

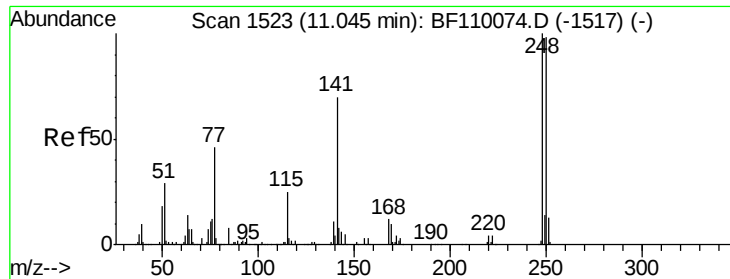
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.3	7.9	11.9

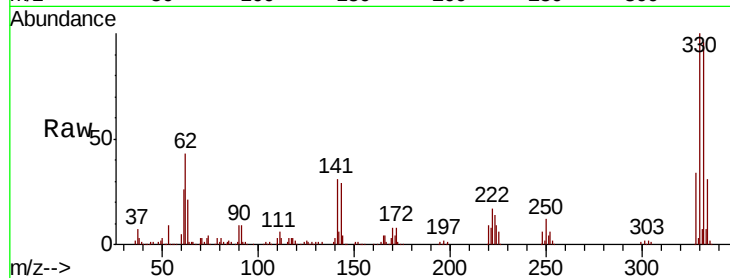




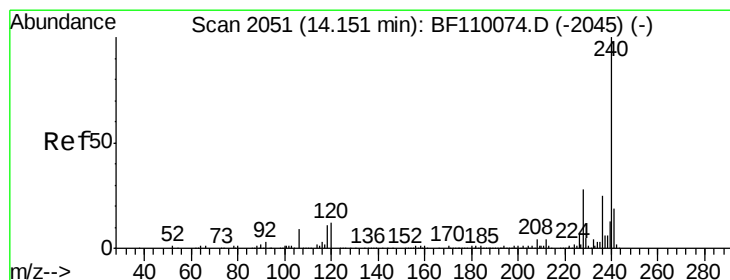
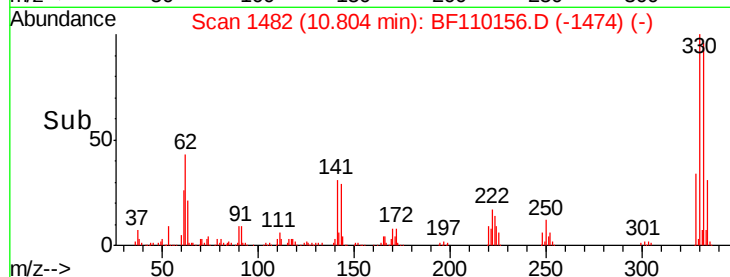
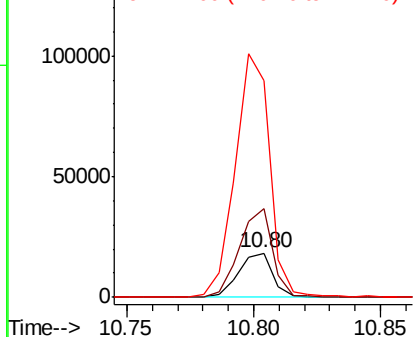
#67
4-Bromophenyl-phenylether
Concen: 2.813 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17124
Ion Ratio Lower Upper
248 100
250 201.0 79.4 119.2#
141 493.6 55.9 83.9#

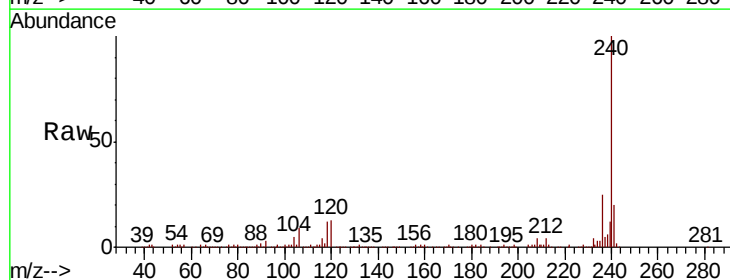


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

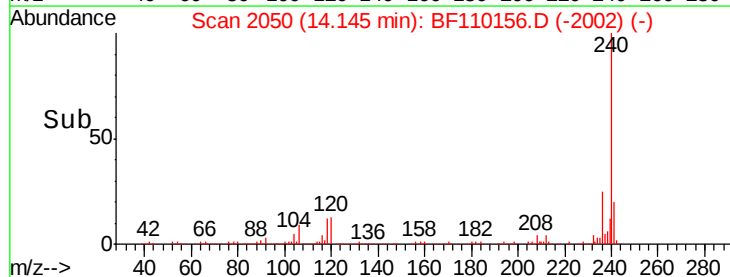
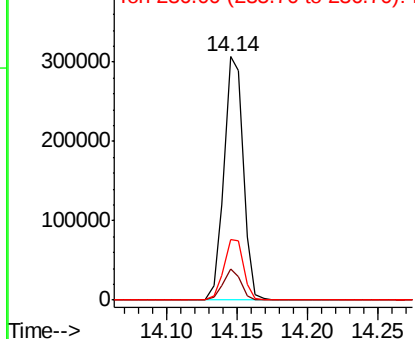


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110156.D
Acq: 25 Oct 2018 12:45

Tgt Ion:240 Resp: 292910
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 24.8 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: 73.508 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110156.D

Acq: 25 Oct 2018 12:45

Instrument :

BNA_F

ClientSampled :

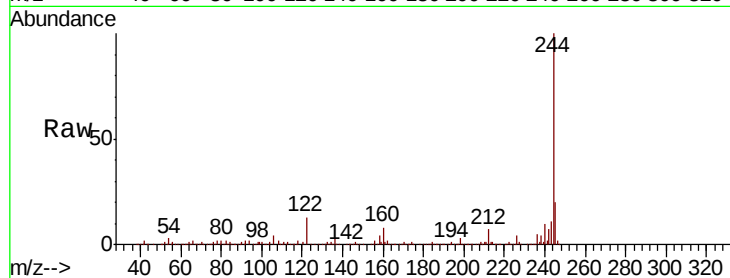
Tot Ion:244 Resp: 1035296

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

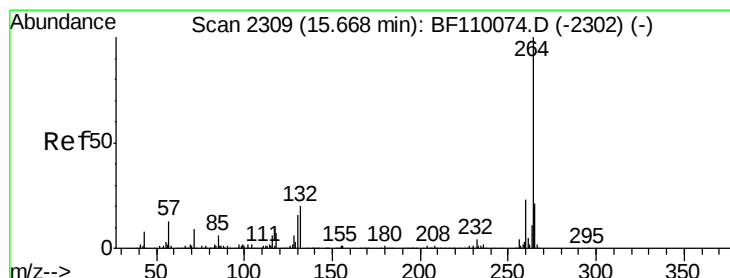
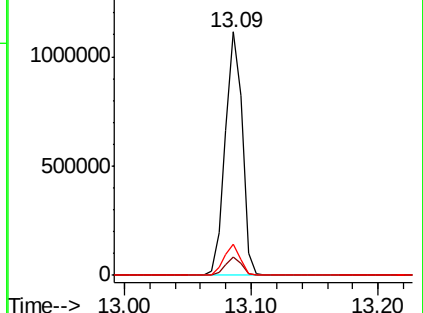
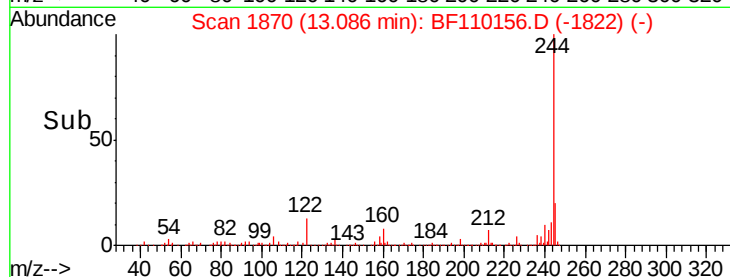
122 12.9 8.7 13.1



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: BF110156.D

Acq: 25 Oct 2018 12:45

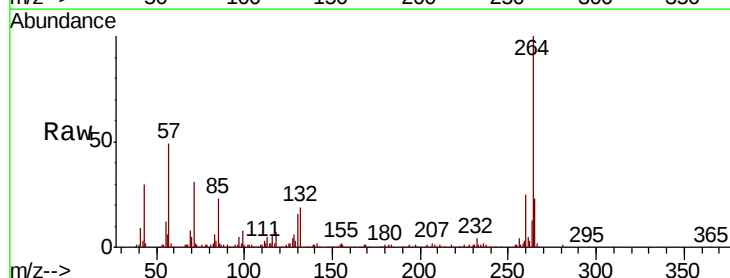
Tgt Ion:264 Resp: 275494

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.6 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

