

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110414.D
 Acq On : 2 Nov 2018 16:20
 Operator : JU/SJ
 Sample : J5741-07RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:56:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	95482	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	383282	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	180837	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	333977	20.00	ng	0.00
76) Chrysene-d12	14.13	240	184222	20.00	ng	0.00
87) Perylene-d12	15.66	264	155104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	753974	128.59	ng	0.02
7) Phenol-d6	6.59	99	1137365	151.65	ng	0.00
23) Nitrobenzene-d5	7.52	82	751485	116.29	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	307018	171.39	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1494524	129.77	ng	0.00
79) Terphenyl-d14	13.08	244	1481589	167.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	1955	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	32333	4.033 ng	#	67
19) n-Nitroso-di-n-propylamine	7.52	70	99043	20.585 ng	#	80
25) Isophorone	7.52	82	751480	68.222 ng	#	67
50) Dimethylphthalate	9.70	163	142109	10.646 ng		100
57) 2,4-Dinitrotoluene	10.00	165	23157	6.340 ng	#	19
67) 4-Bromophenyl-phenylether	10.79	248	19095	5.271 ng	#	1
77) Benzydine	13.08	184	20615	2.013 ng		95

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

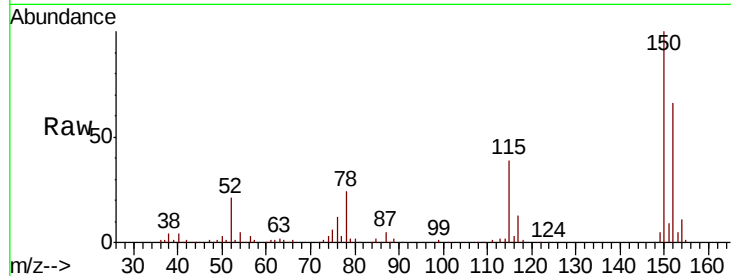


#1

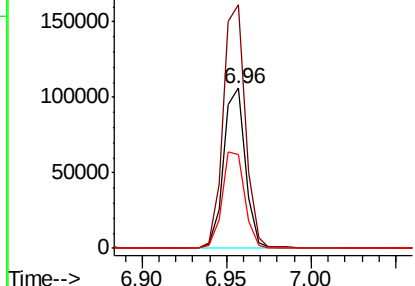
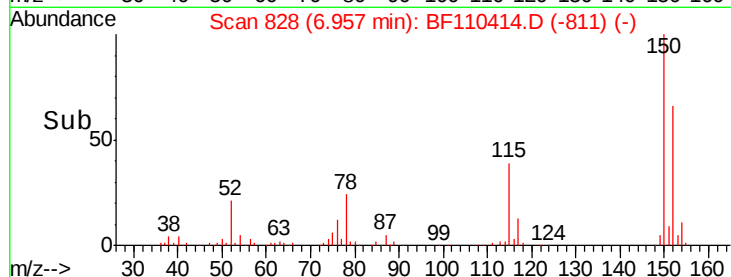
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95482
Ion Ratio Lower Upper
152 100
150 152.2 122.7 184.1
115 59.0 49.1 73.7



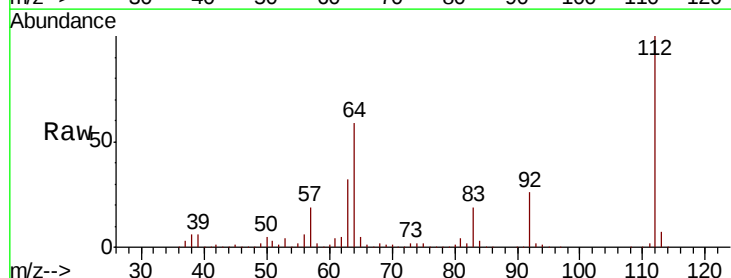
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



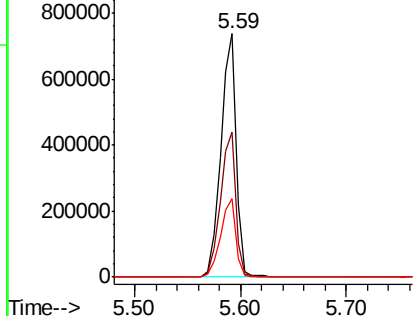
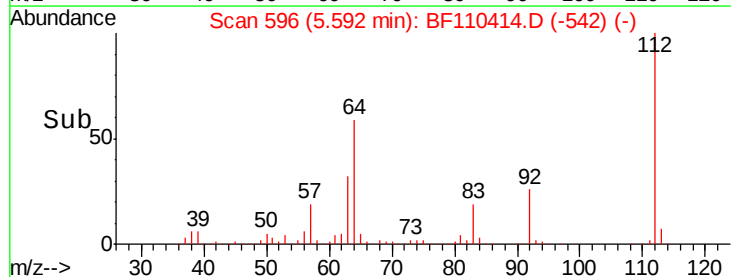
#5

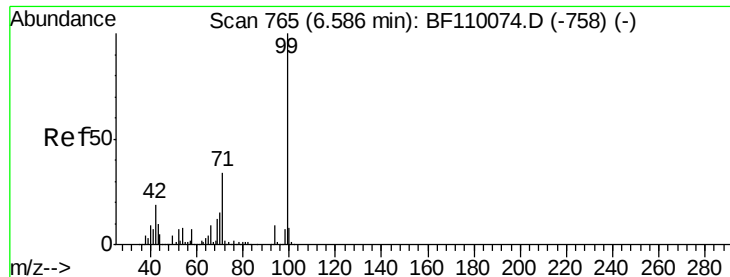
2-Fluorophenol
Concen: 128.591 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.02 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Tgt Ion:112 Resp: 753974
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 32.1 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: 151.655 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110414.D

Acq: 2 Nov 2018 16:20

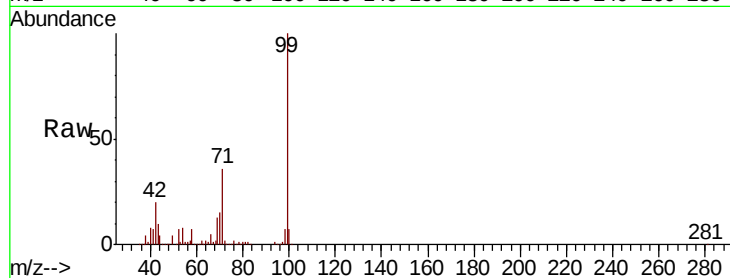
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1137365

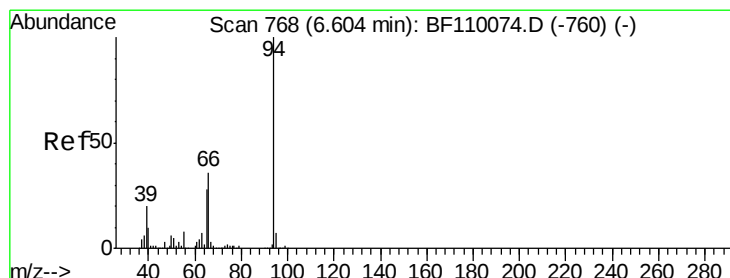
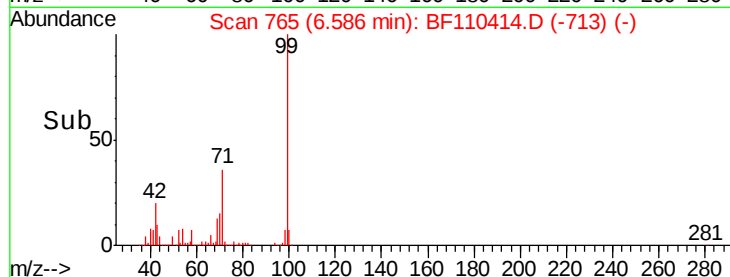
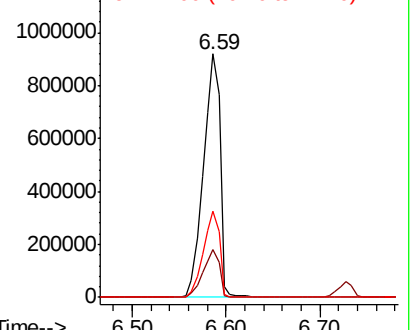
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.5	28.0	42.0



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: 4.033 ng

RT: 6.60 min Scan# 767

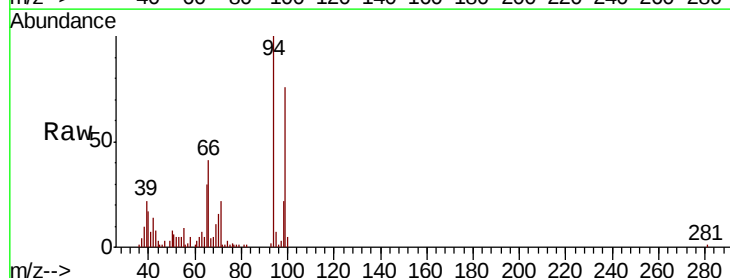
Delta R.T. 0.00 min

Lab File: BF110414.D

Acq: 2 Nov 2018 16:20

Tgt Ion: 94 Resp: 32333

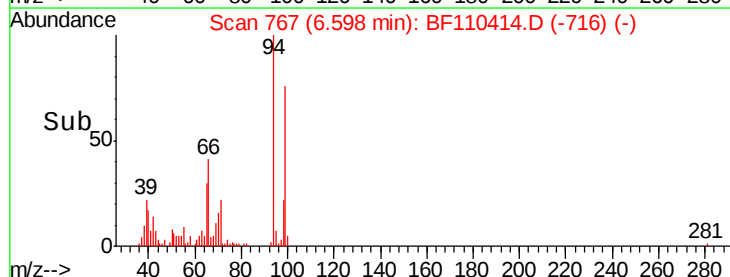
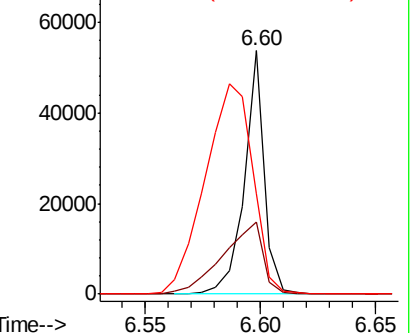
Ion	Ratio	Lower	Upper
94	100		
65	29.8	25.3	65.3
66	41.1	54.5	94.5#



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

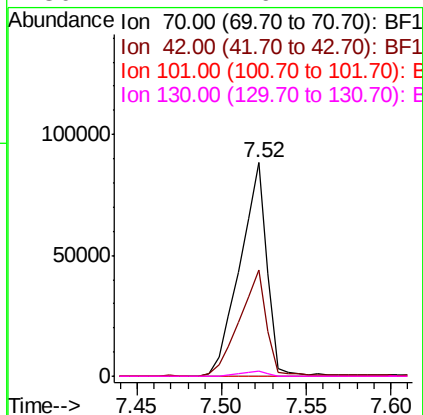
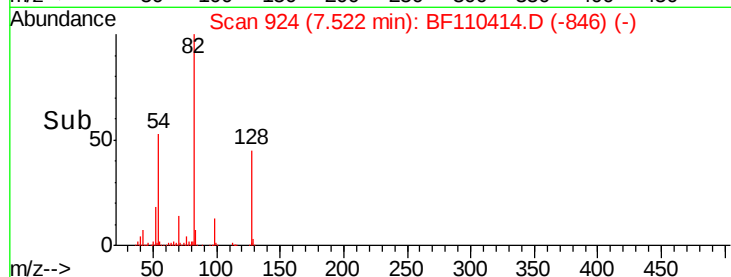
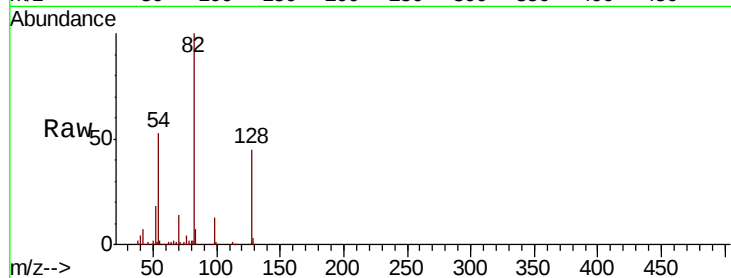




#19
n-Nitroso-di-n-propylamine
Concen: 20.585 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

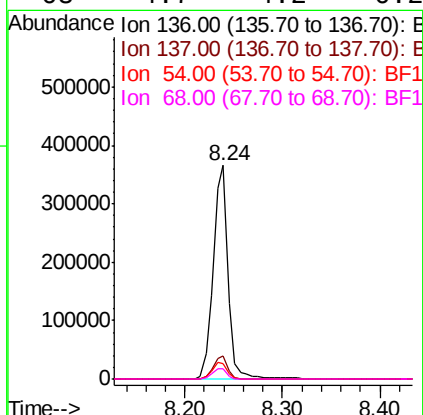
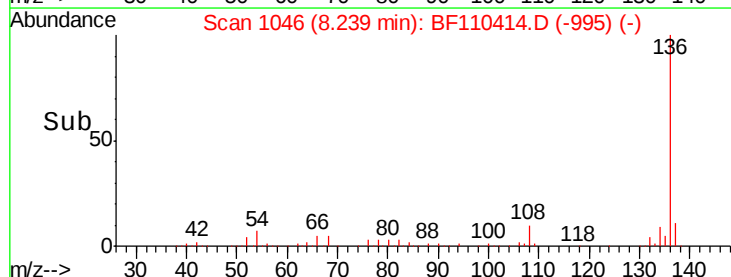
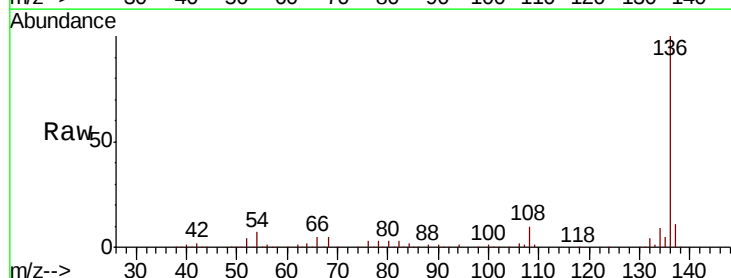
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 99043
Ion Ratio Lower Upper
70 100
42 50.0 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: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Tgt Ion:136 Resp: 383282
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 5.4 8.2
68 4.7 4.2 6.2

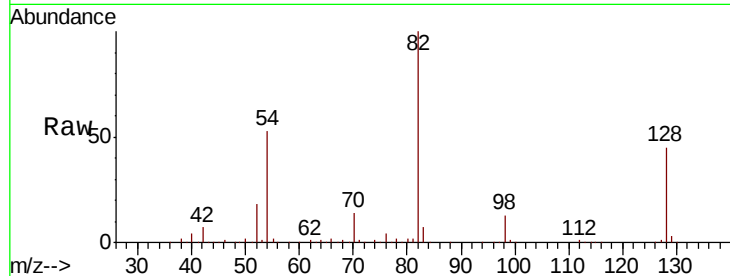




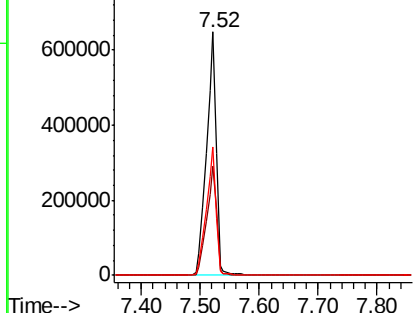
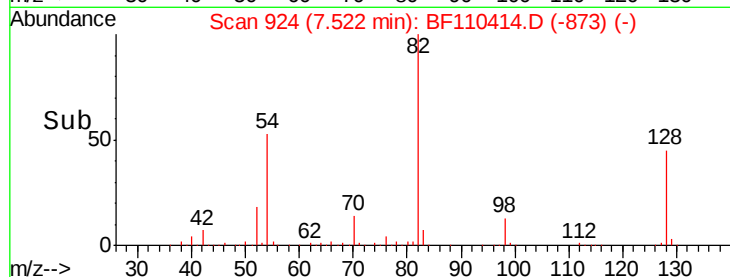
#23
Nitrobenzene-d5
Concen: 116.293 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 751485
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.2
54 52.8 38.6 58.0

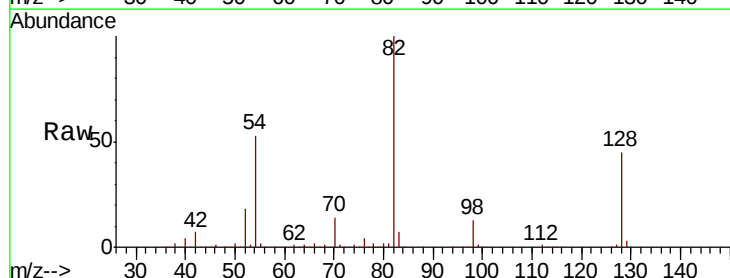


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

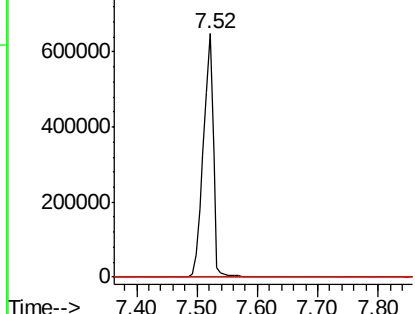
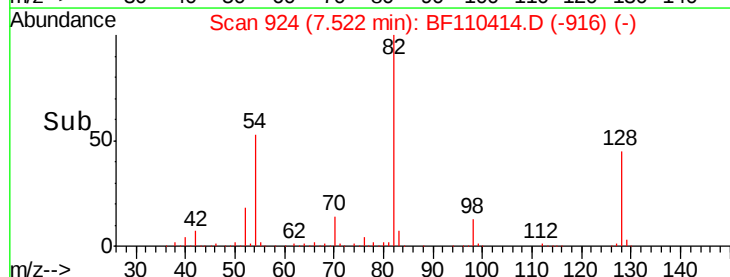


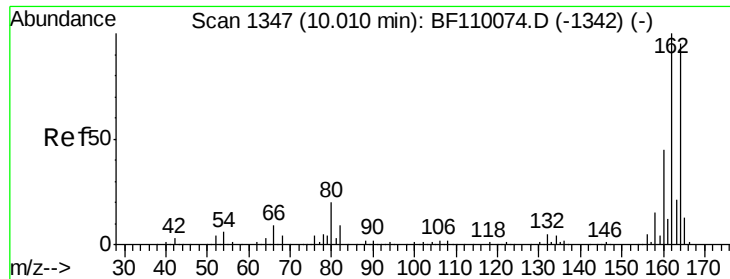
#25
Isophorone
Concen: 68.222 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Tgt Ion: 82 Resp: 751480
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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110414.D

Acq: 2 Nov 2018 16:20

Instrument :

BNA_F

ClientSampleId :

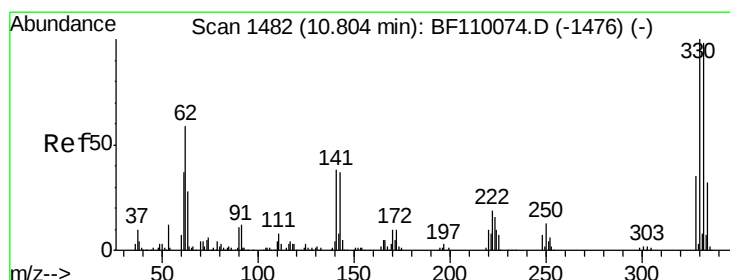
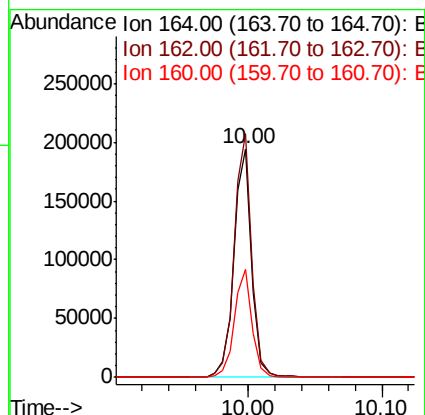
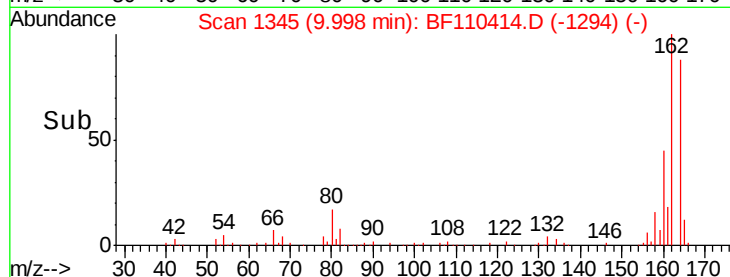
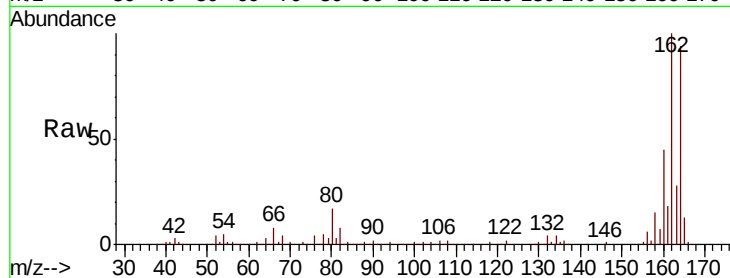
Tot Ion:164 Resp: 180837

Ion Ratio Lower Upper

164 100

162 106.6 83.0 124.6

160 47.5 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 171.393 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110414.D

Acq: 2 Nov 2018 16:20

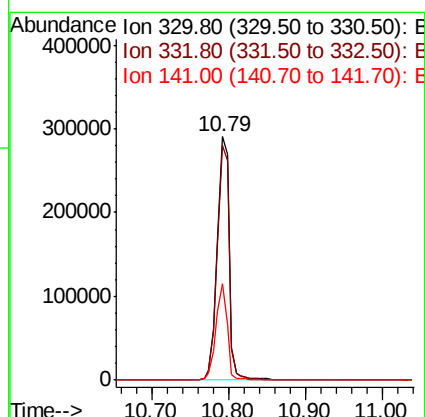
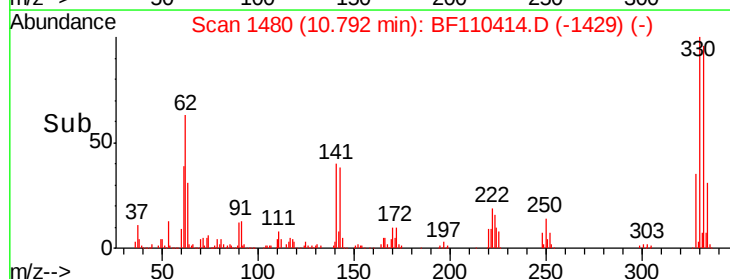
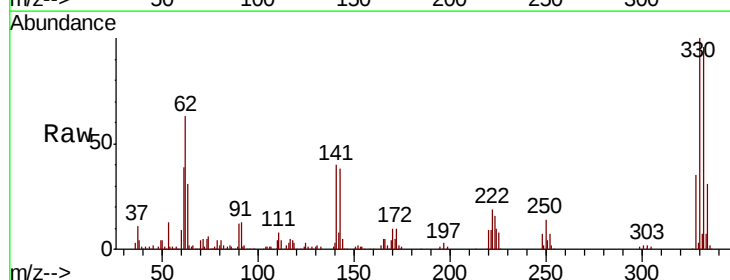
Tgt Ion:330 Resp: 307018

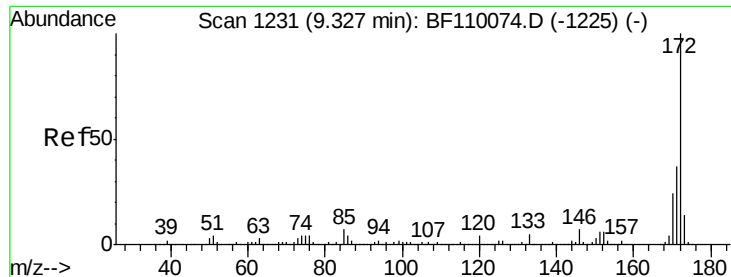
Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 37.4 27.0 40.4

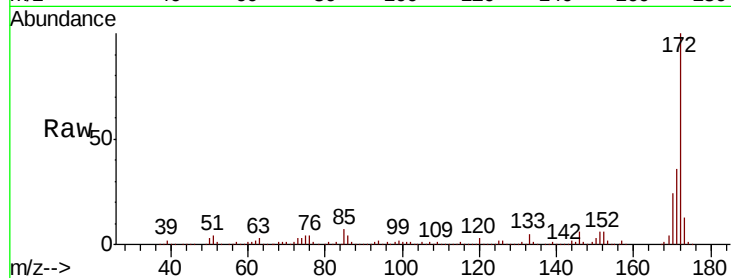




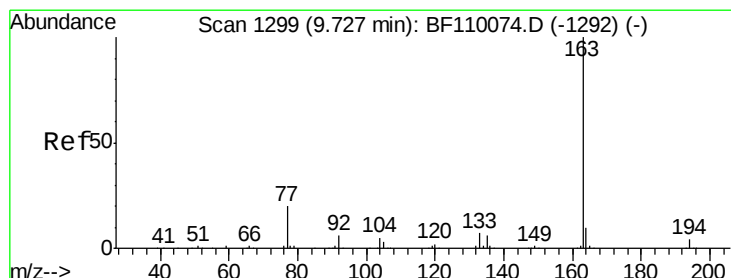
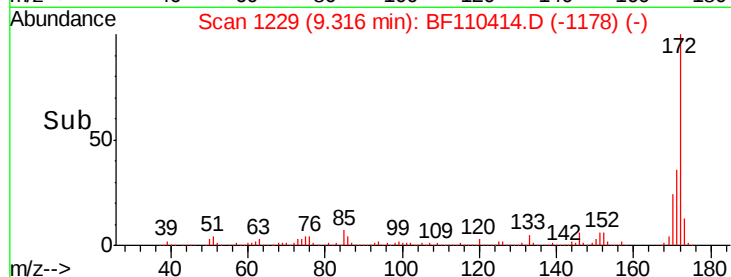
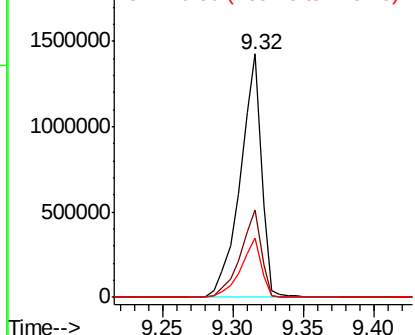
#45
2-Fluorobiphenyl
Concen: 129.774 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1494524
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.2 19.7 29.5

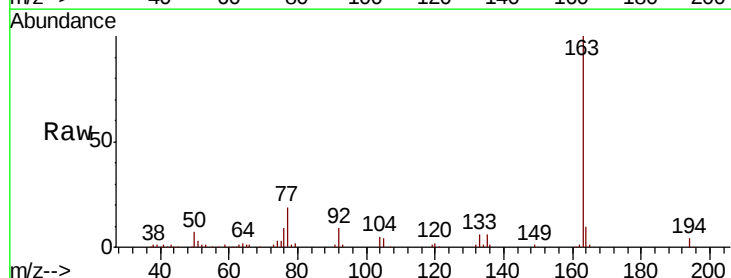


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

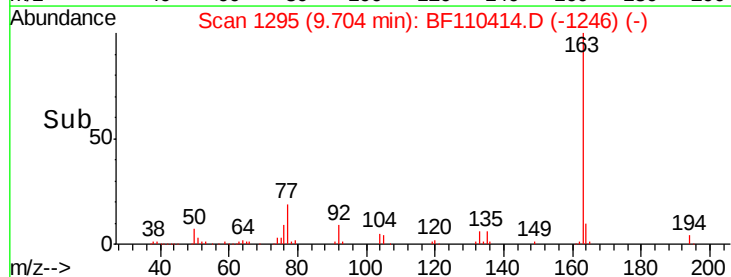
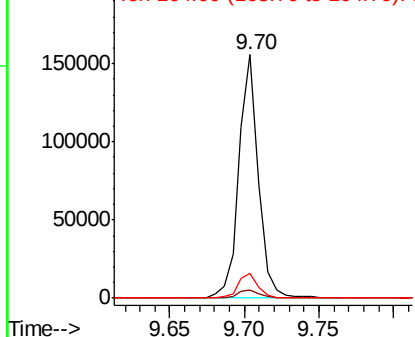


#50
Dimethylphthalate
Concen: 10.646 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Tgt Ion:163 Resp: 142109
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.0 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

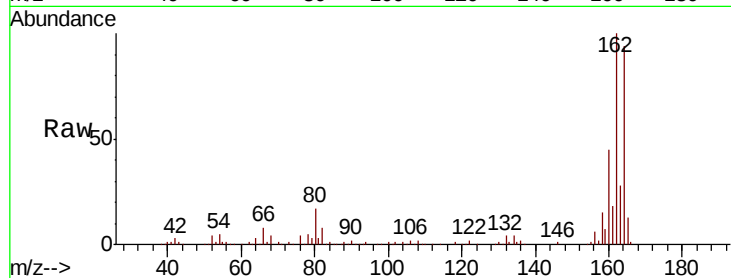




#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#

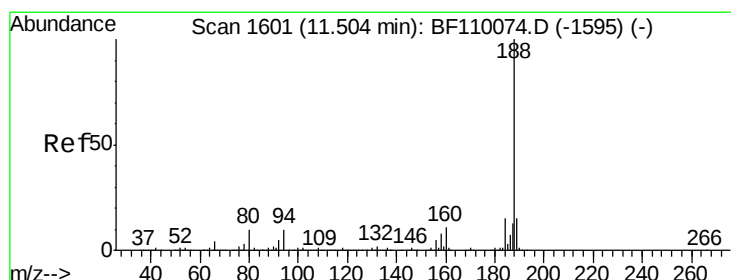
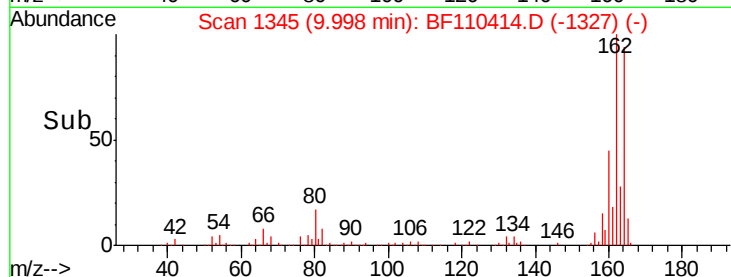
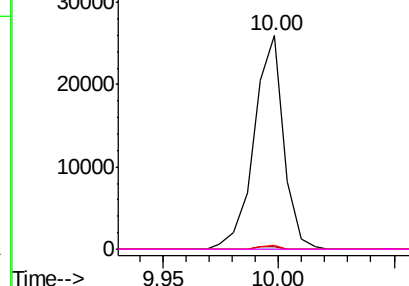


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

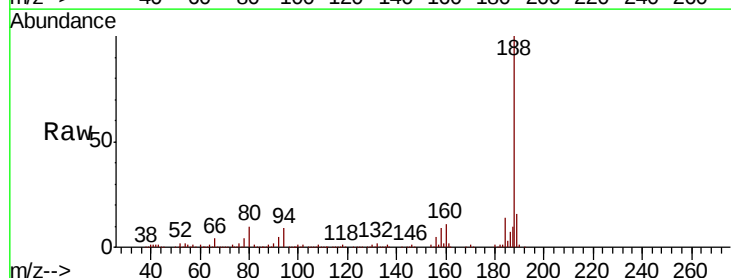
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

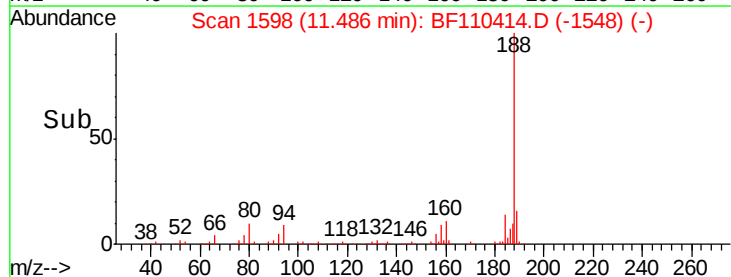
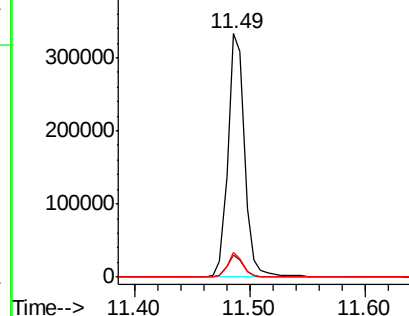
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.3	7.9	11.9

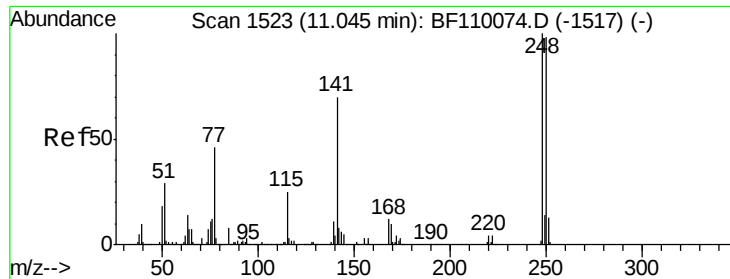


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

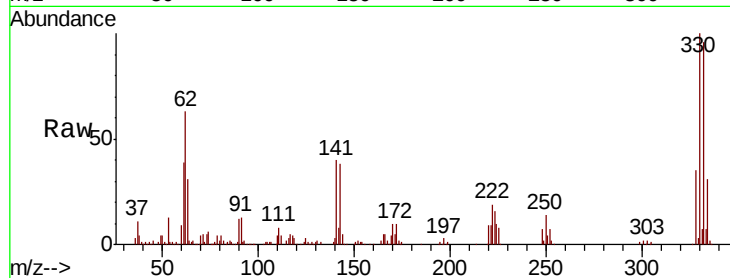




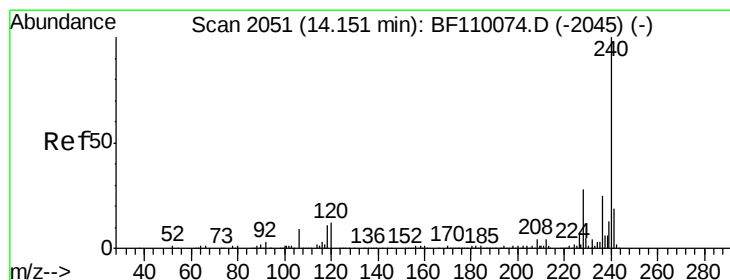
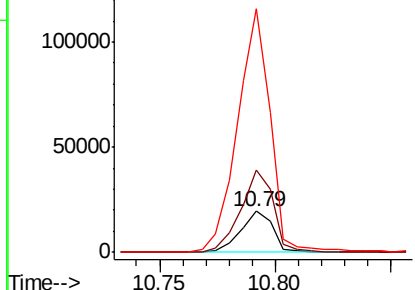
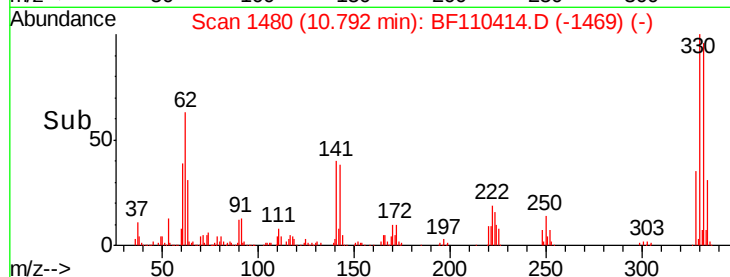
#67
4-Bromophenyl-phenylether
Concen: 5.271 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19095
Ion Ratio Lower Upper
248 100
250 202.5 79.4 119.2#
141 594.9 55.9 83.9#

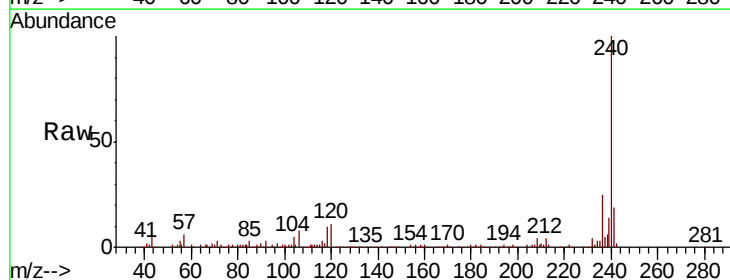


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

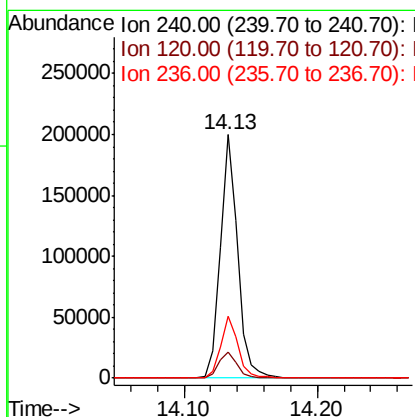
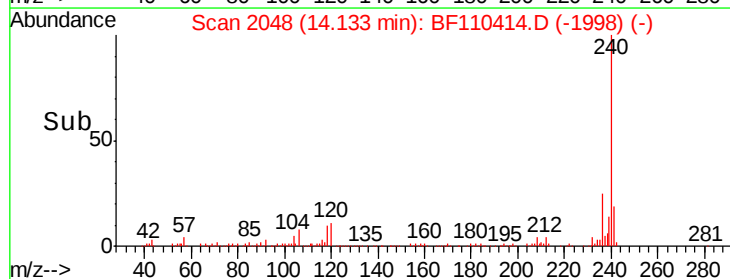


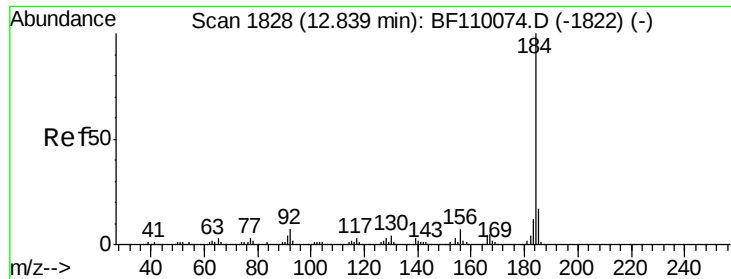
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Tgt Ion:240 Resp: 184222
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.4 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





#77

Benzidine

Concen: 2.013 ng

RT: 13.08 min Scan# 1869

Delta R.T. 0.25 min

Lab File: BF110414.D

Acq: 2 Nov 2018 16:20

Instrument :

BNA_F

ClientSampled :

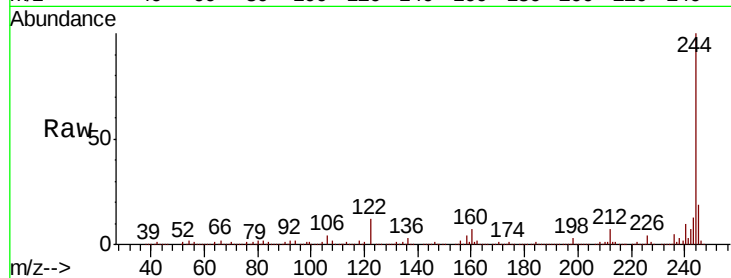
Tot Ion:184 Resp: 20615

Ion Ratio Lower Upper

184 100

185 19.0 13.4 20.2

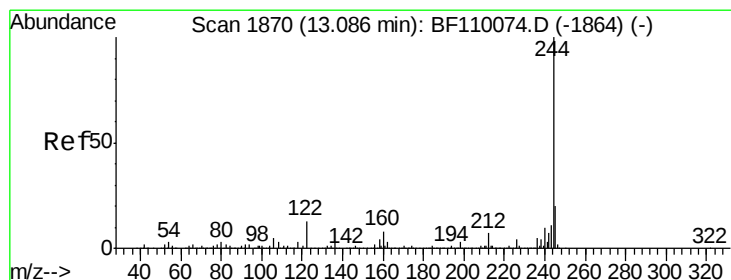
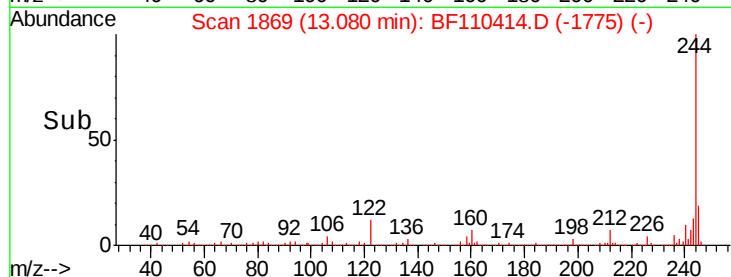
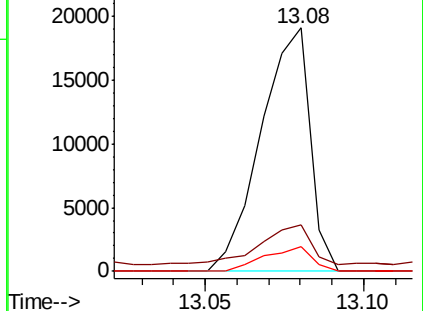
183 9.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 167.259 ng

RT: 13.08 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BF110414.D

Acq: 2 Nov 2018 16:20

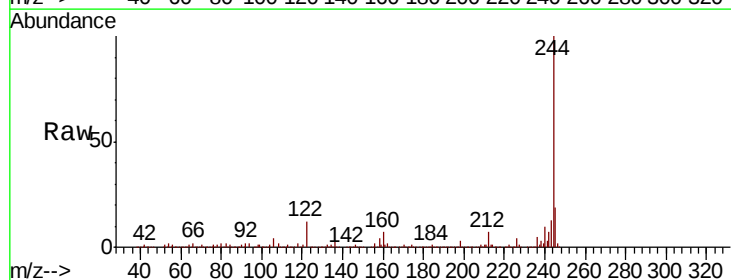
Tgt Ion:244 Resp: 1481589

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

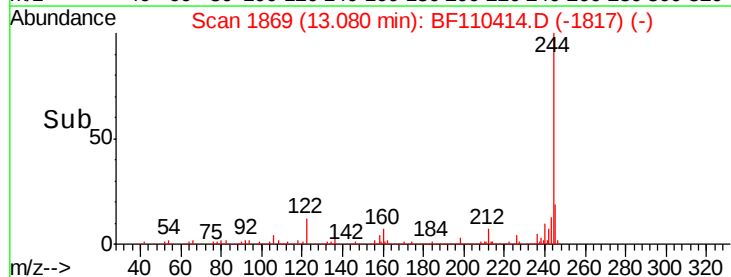
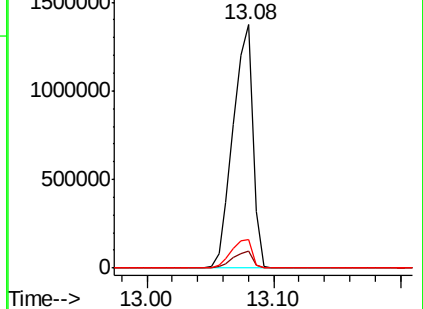
122 11.8 8.7 13.1

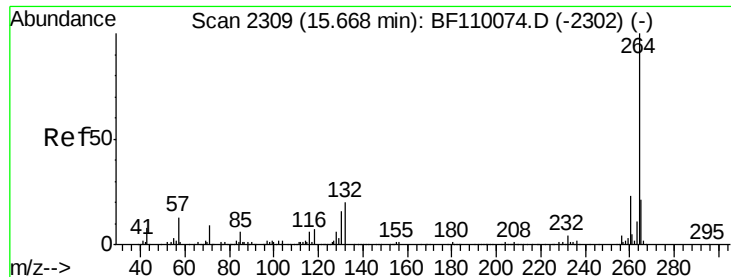


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

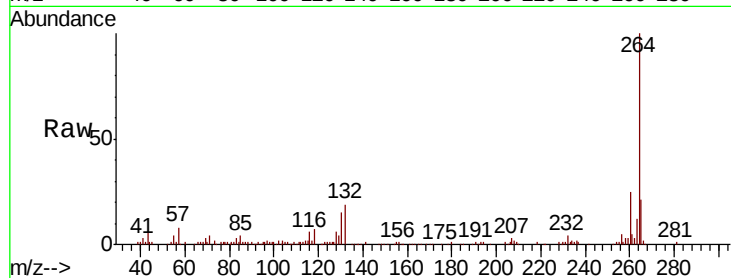




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110414.D
Acq: 2 Nov 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	20.5	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

