

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110519.D
 Acq On : 6 Nov 2018 17:08
 Operator : JU/SJ
 Sample : J5827-41
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:43:49 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

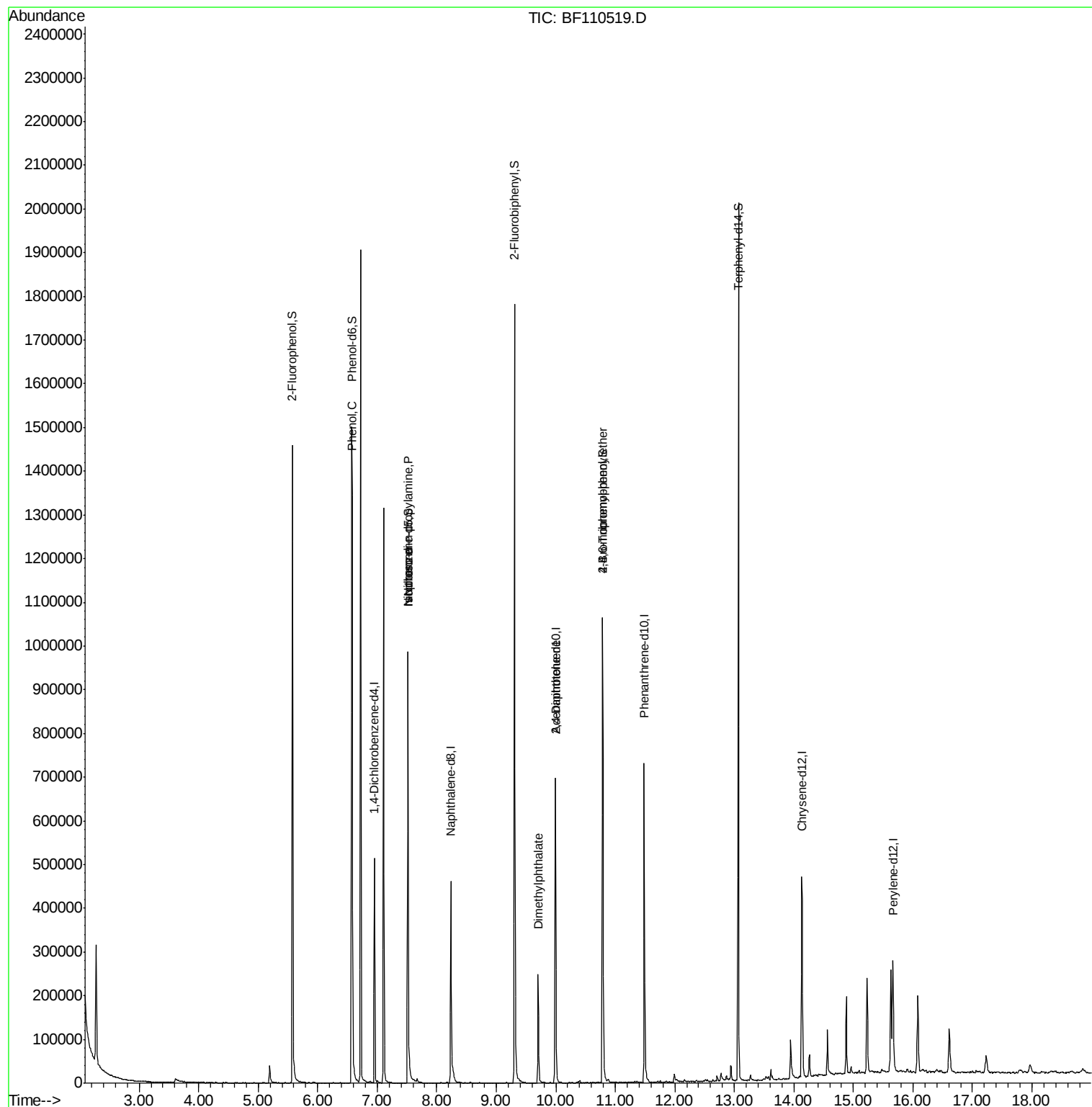
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75613	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	312225	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	157396	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	313425	20.00	ng	0.00
76) Chrysene-d12	14.13	240	189219	20.00	ng	0.00
87) Perylene-d12	15.66	264	155211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	430800	92.78	ng	0.00
7) Phenol-d6	6.57	99	561826	94.60	ng	0.00
23) Nitrobenzene-d5	7.52	82	354261	67.30	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	135983	87.22	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	594119	59.27	ng	0.00
79) Terphenyl-d14	13.07	244	642485	70.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1152	Below Cal	#	1
10) Phenol	6.59	94	36873	5.81 ng	#	73
19) n-Nitroso-di-n-propylamine	7.52	70	45062	11.83 ng	#	79
25) Isophorone	7.52	82	354258	39.48 ng	#	67
50) Dimethylphthalate	9.70	163	128827	11.09 ng		100
57) 2,4-Dinitrotoluene	9.99	165	19095	6.01 ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	8389	2.47 ng	#	1

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

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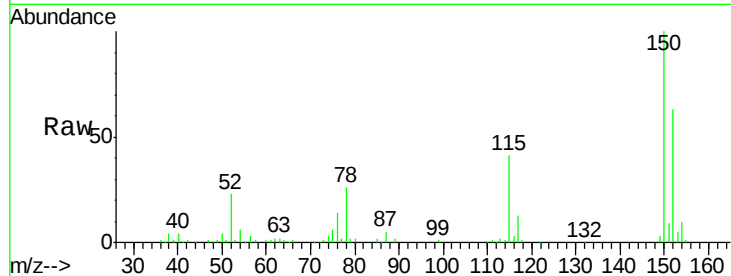


#1

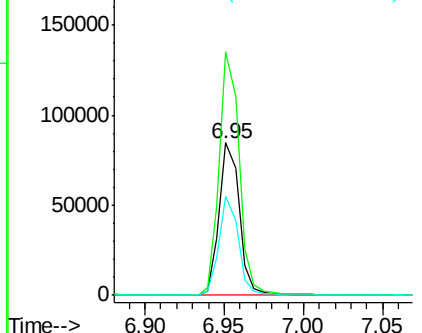
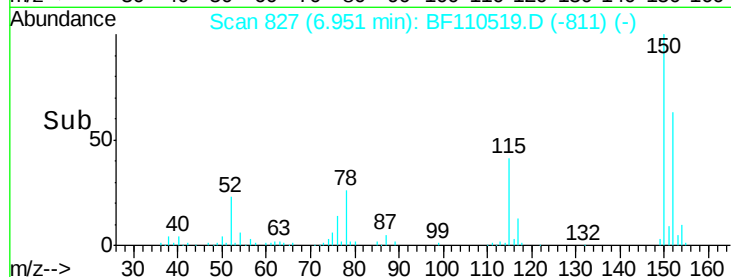
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110519.D
Acq: 6 Nov 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75613
Ion Ratio Lower Upper
152 100
150 159.6 122.7 184.1
115 65.0 49.1 73.7



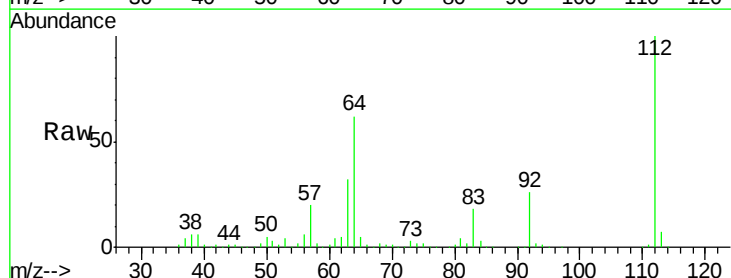
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



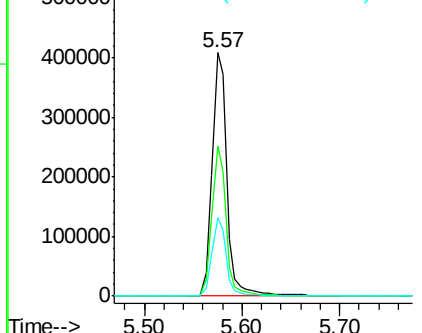
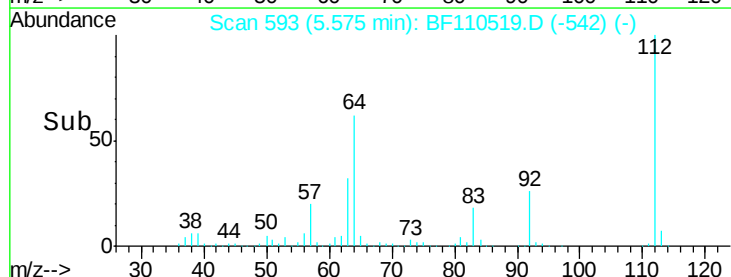
#5

2-Fluorophenol
Concen: 92.78 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110519.D
Acq: 6 Nov 2018 17:08

Tgt Ion:112 Resp: 430800
Ion Ratio Lower Upper
112 100
64 61.7 44.1 66.1
63 32.5 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: 94.60 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

Instrument :

BNA_F

ClientSampleId :

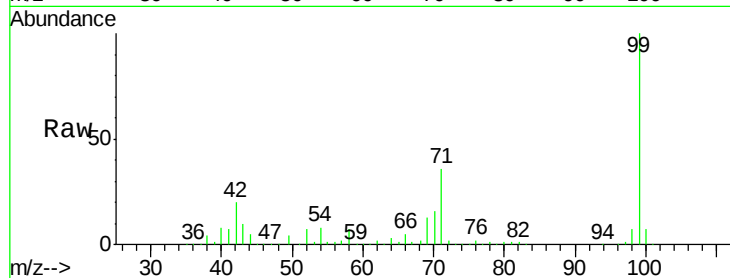
Tot Ion: 99 Resp: 561826

Ion Ratio Lower Upper

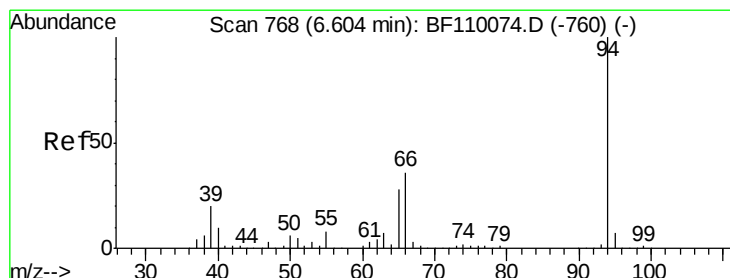
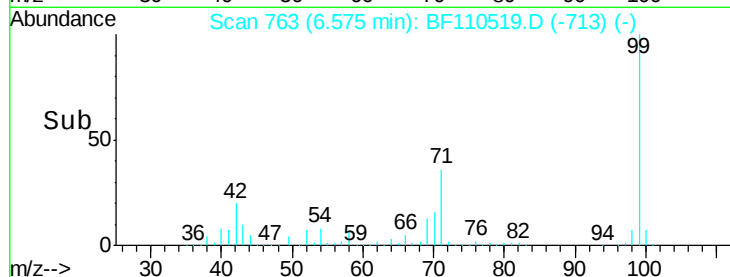
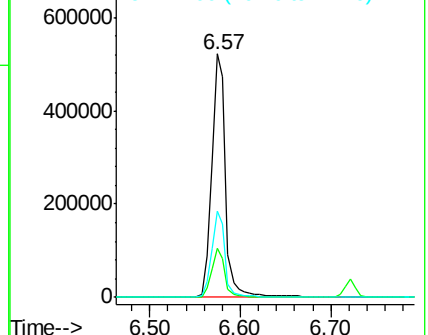
99 100

42 19.9 15.8 23.6

71 35.6 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



#10

Phenol

Concen: 5.81 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

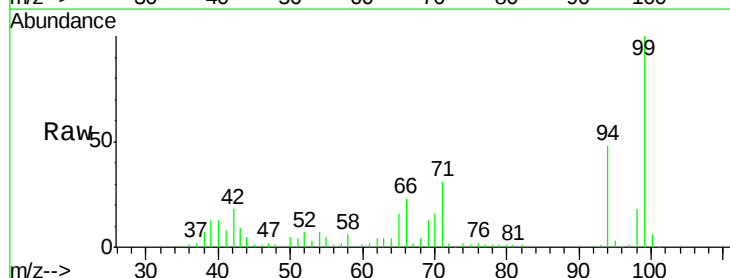
Tgt Ion: 94 Resp: 36873

Ion Ratio Lower Upper

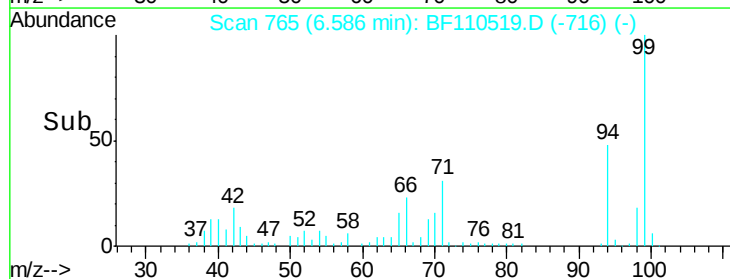
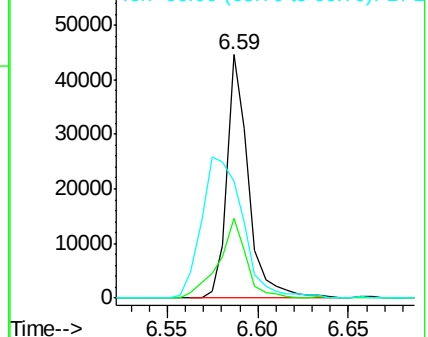
94 100

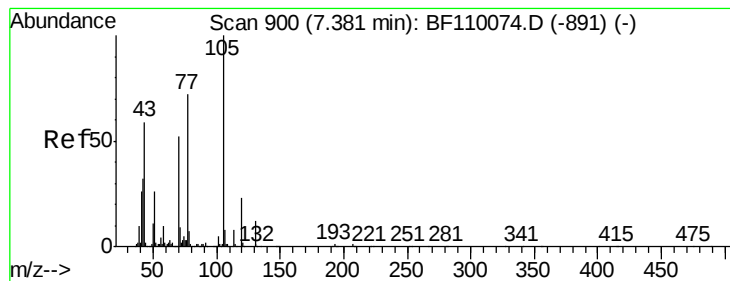
65 32.7 25.3 65.3

66 48.2 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: 11.83 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

Instrument :

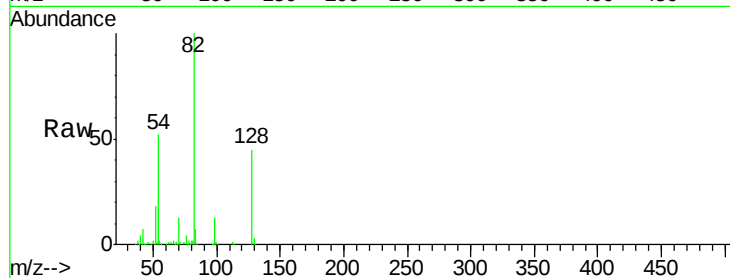
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 45062

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#

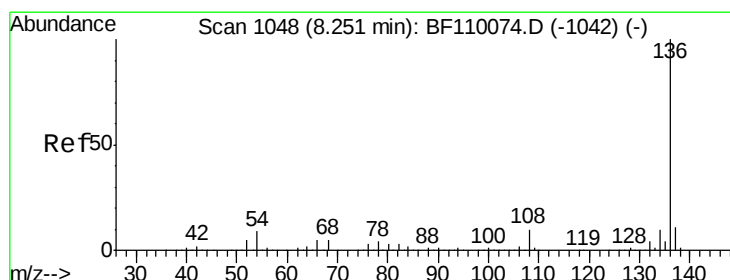
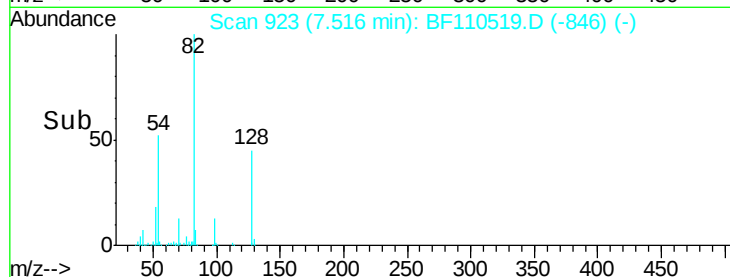
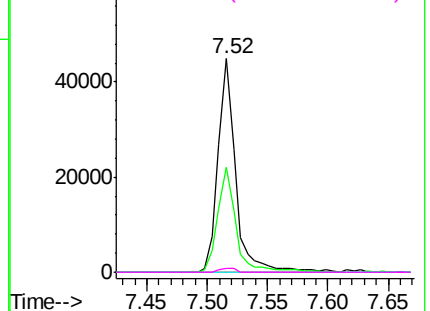


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

Tgt Ion: 136 Resp: 312225

Ion Ratio Lower Upper

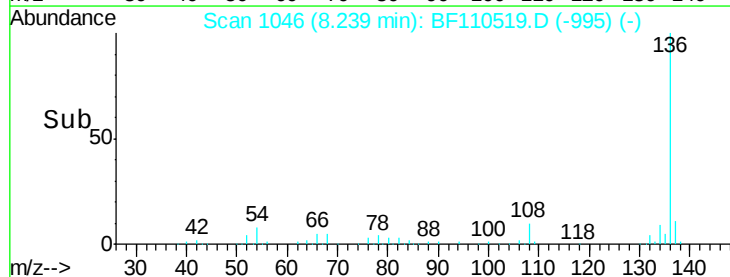
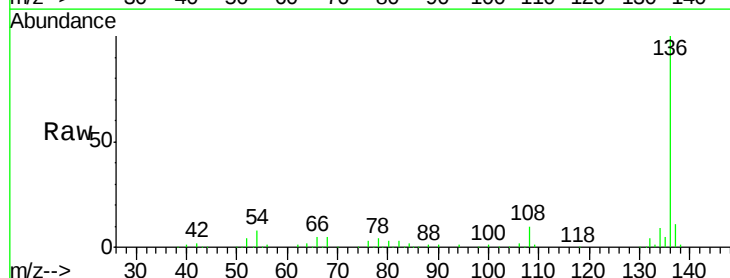
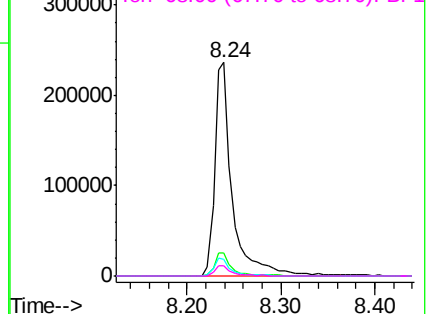
136	100		
137	10.6	8.8	13.2
54	7.6	5.4	8.2
68	4.9	4.2	6.2

Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

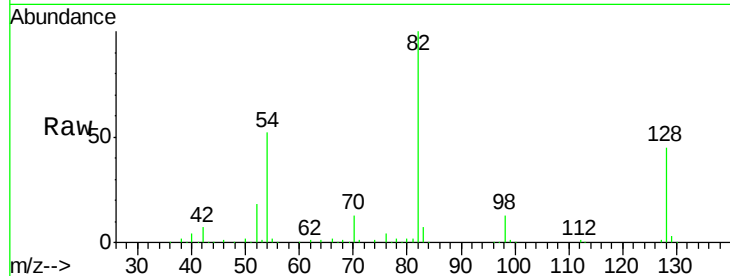




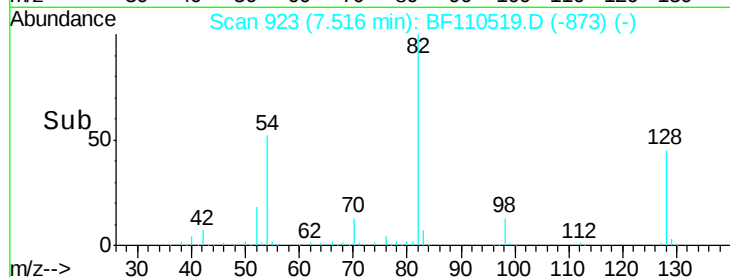
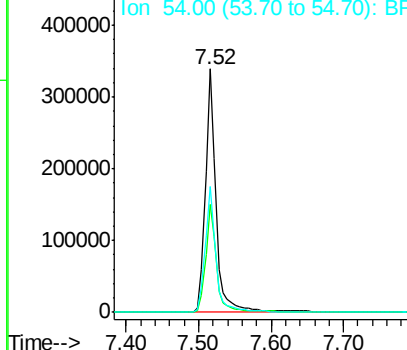
#23
Nitrobenzene-d5
Concen: 67.30 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110519.D
Acq: 6 Nov 2018 17:08

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 354261
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.2
54 51.8 38.6 58.0

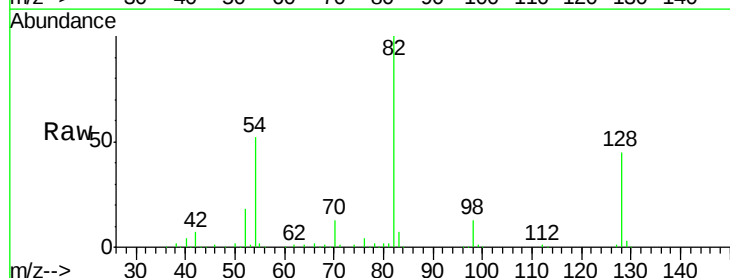


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

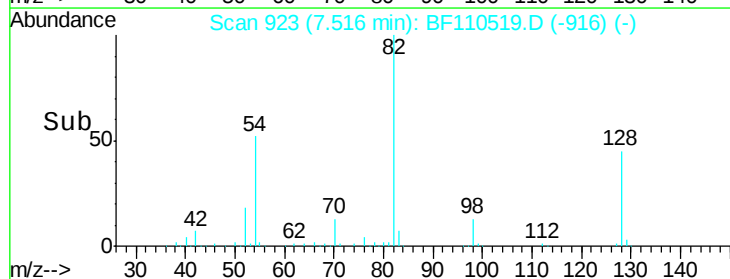
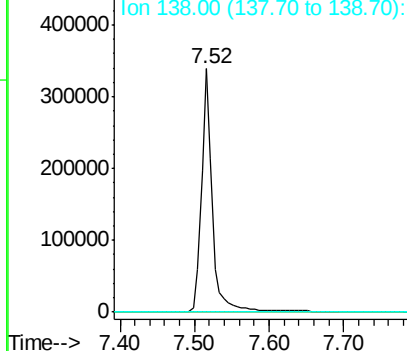


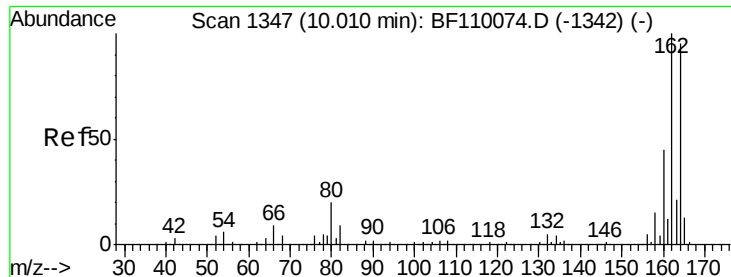
#25
Isophorone
Concen: 39.48 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110519.D
Acq: 6 Nov 2018 17:08

Tgt Ion: 82 Resp: 354258
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: 20.00 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

Instrument :

BNA_F

ClientSampleId :

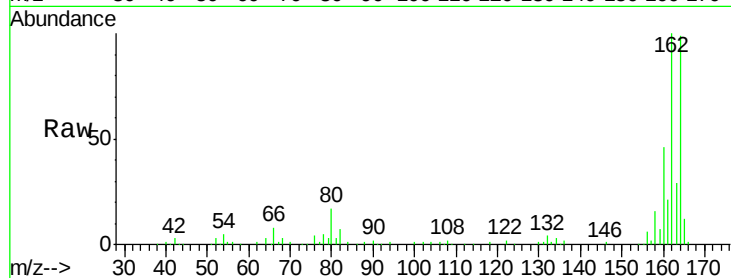
Tot Ion:164 Resp: 157396

Ion Ratio Lower Upper

164 100

162 100.8 83.0 124.6

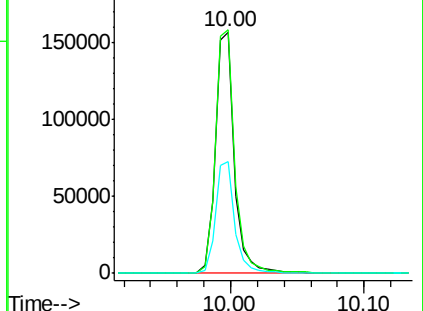
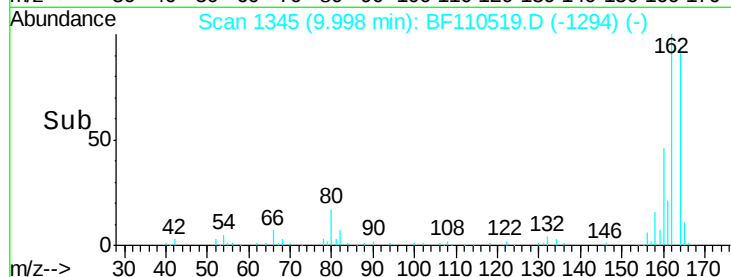
160 46.1 37.0 55.6



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: 87.22 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

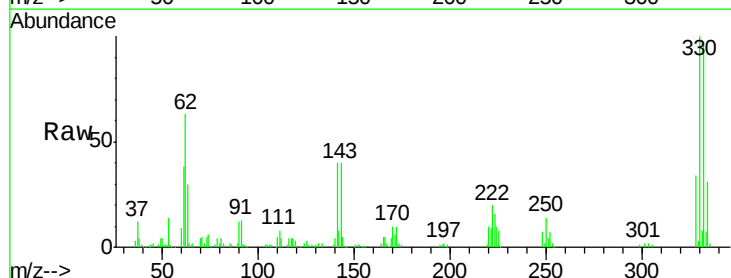
Tgt Ion:330 Resp: 135983

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

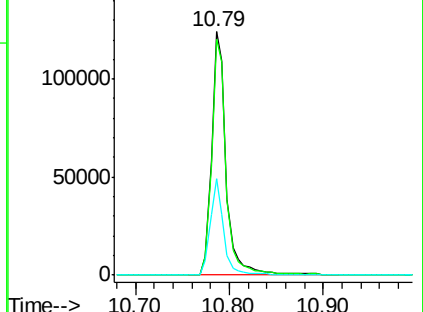
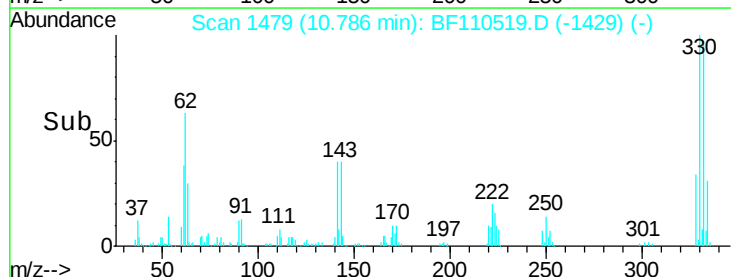
141 36.8 27.0 40.4

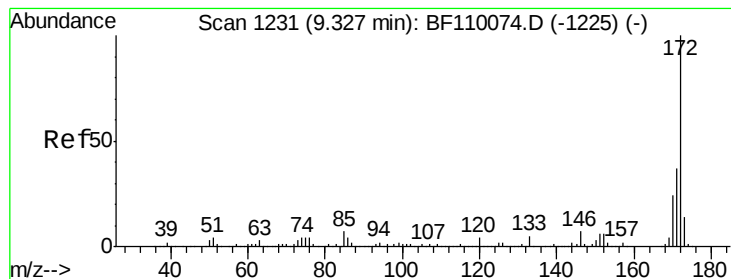


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 59.27 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

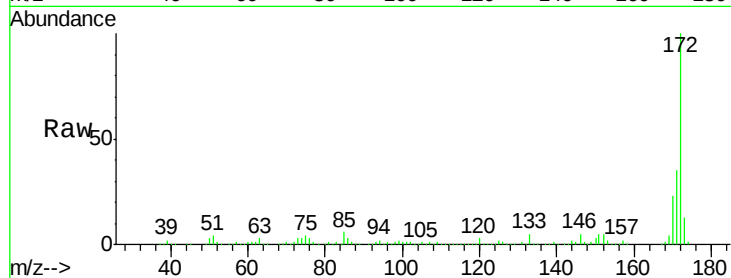
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 594119

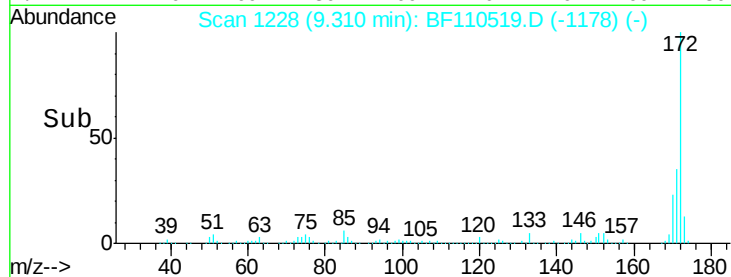
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.2	19.7	29.5



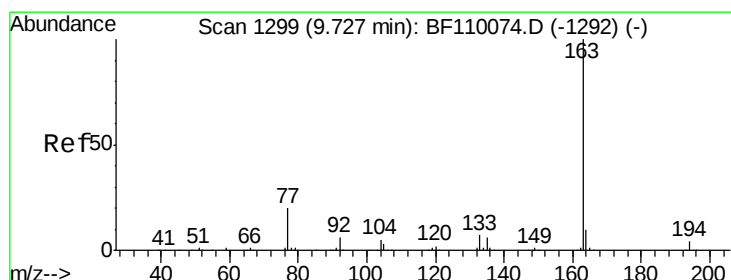
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#50

Dimethylphthalate

Concen: 11.09 ng

RT: 9.70 min Scan# 1295

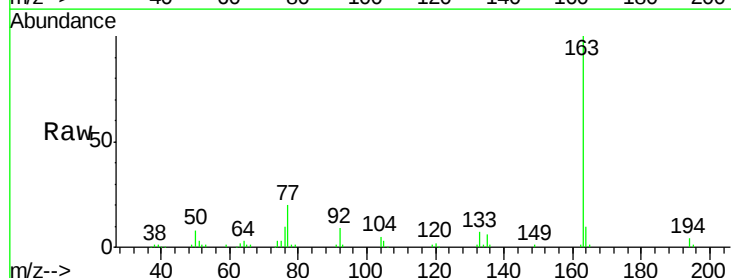
Delta R.T. -0.01 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

Tgt Ion:163 Resp: 128827

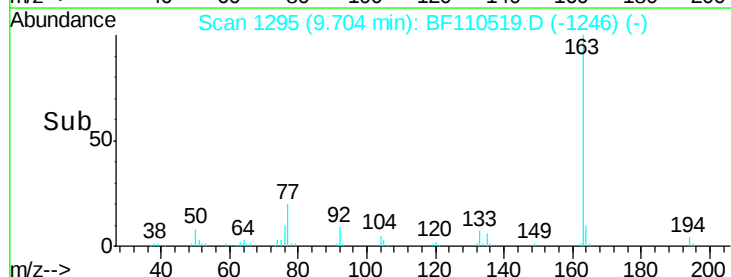
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.1	12.1



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



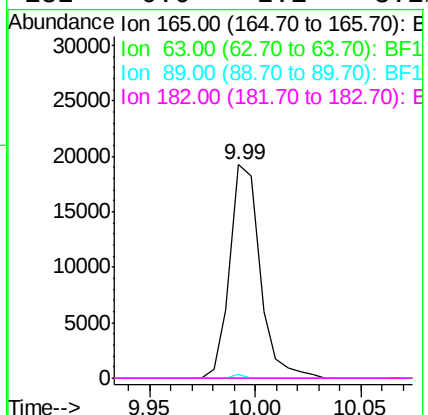
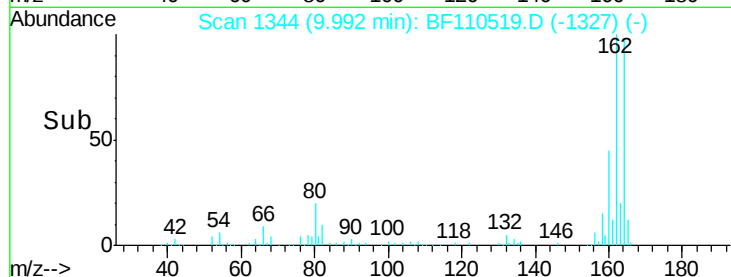
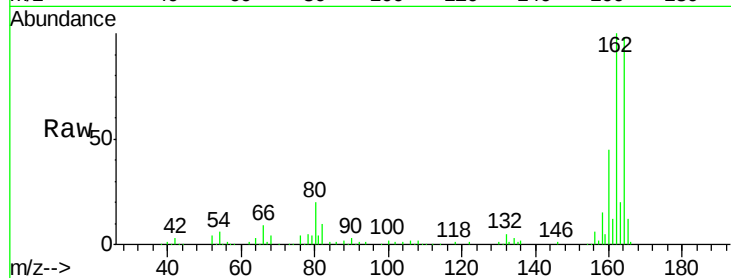
Time-->



#57
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110519.D
 Acq: 6 Nov 2018 17:08

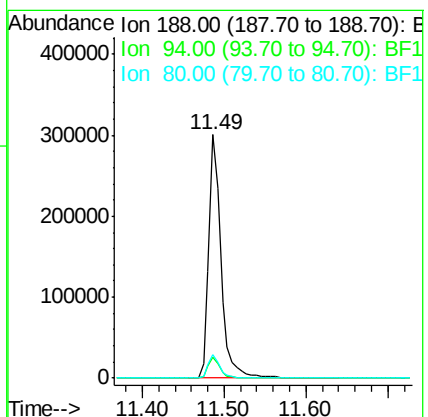
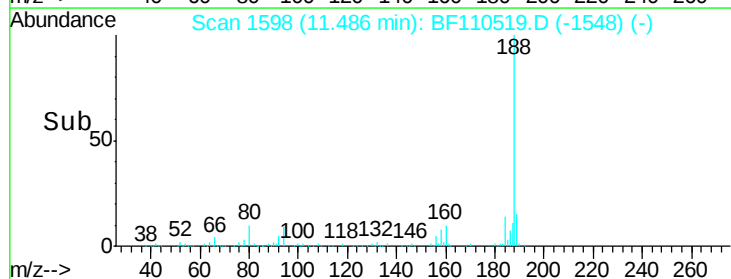
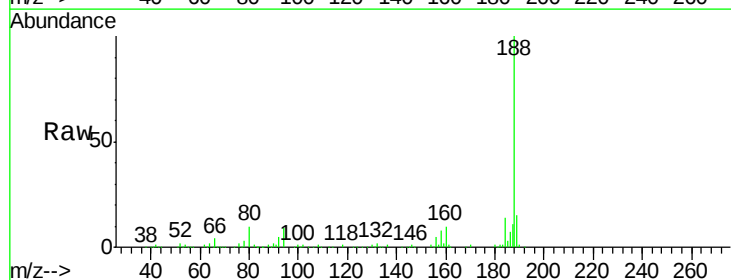
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	19095
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.6	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110519.D
 Acq: 6 Nov 2018 17:08

Tgt Ion:188	Resp:	313425
Ion Ratio	Lower	Upper
188	100	
94	8.5	7.2 10.8
80	9.5	7.9 11.9

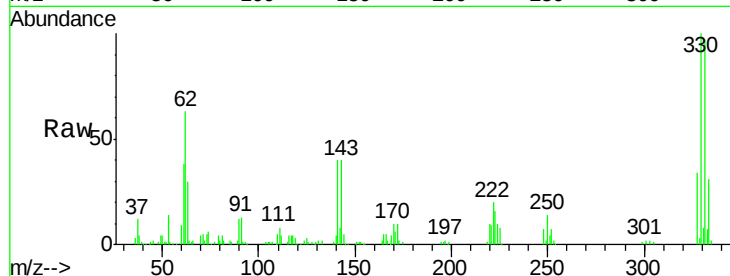




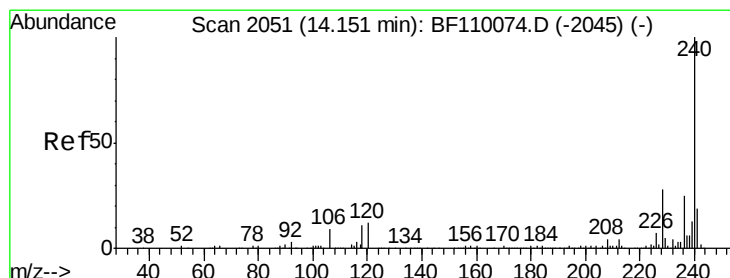
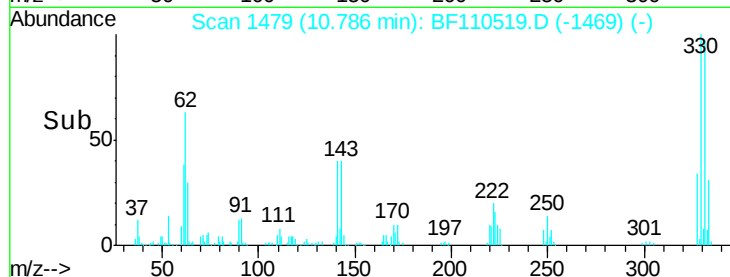
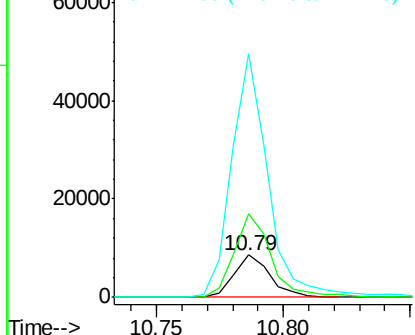
#67
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110519.D
Acq: 6 Nov 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8389
Ion Ratio Lower Upper
248 100
250 195.6 79.4 119.2#
141 571.5 55.9 83.9#

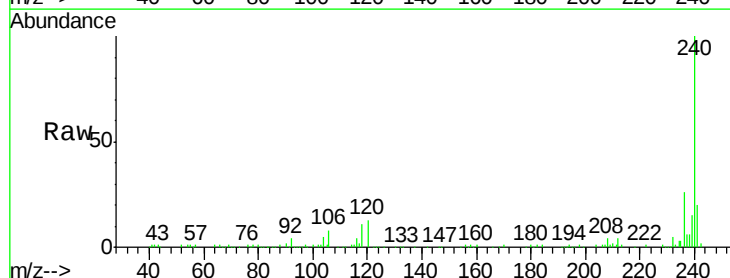


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

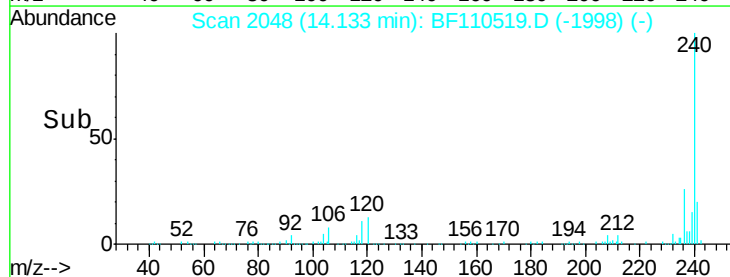
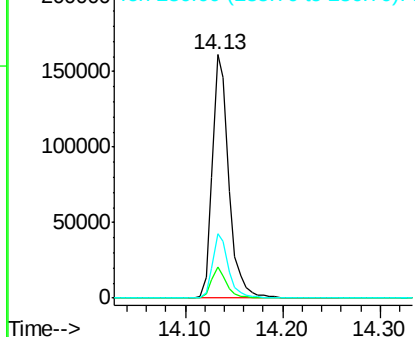


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110519.D
Acq: 6 Nov 2018 17:08

Tgt Ion:240 Resp: 189219
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 26.3 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: 70.62 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

Instrument :

BNA_F

ClientSampleId :

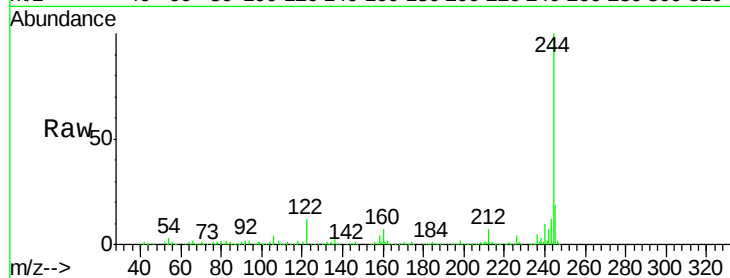
Tot Ion:244 Resp: 642485

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 11.6 8.7 13.1

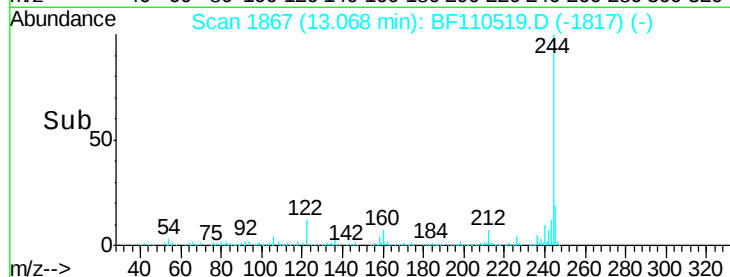


Abundance Ion 244.00 (243.70 to 244.70): E

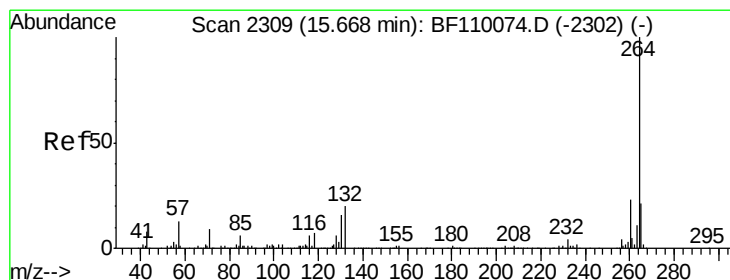
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.07



Time-->



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110519.D

Acq: 6 Nov 2018 17:08

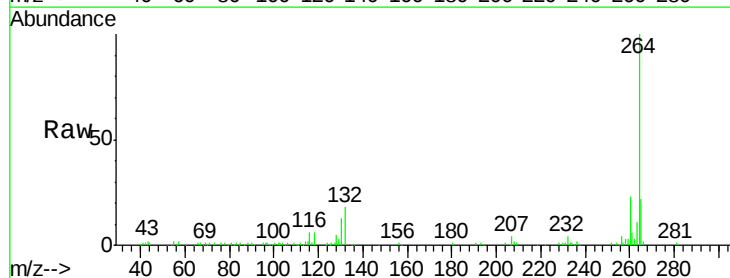
Tgt Ion:264 Resp: 155211

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 16.7 25.1

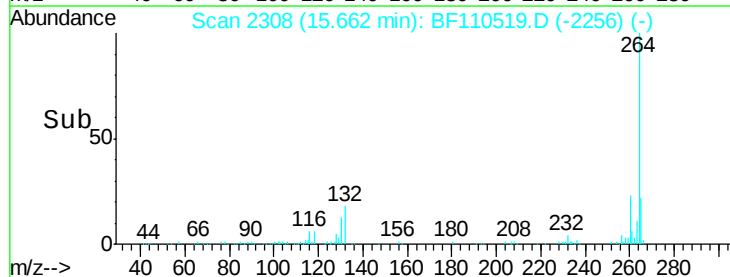


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.66



Time-->