

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104239.D
 Acq On : 4 Apr 2018 21:27
 Operator : JU/SJ
 Sample : J2197-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:01:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

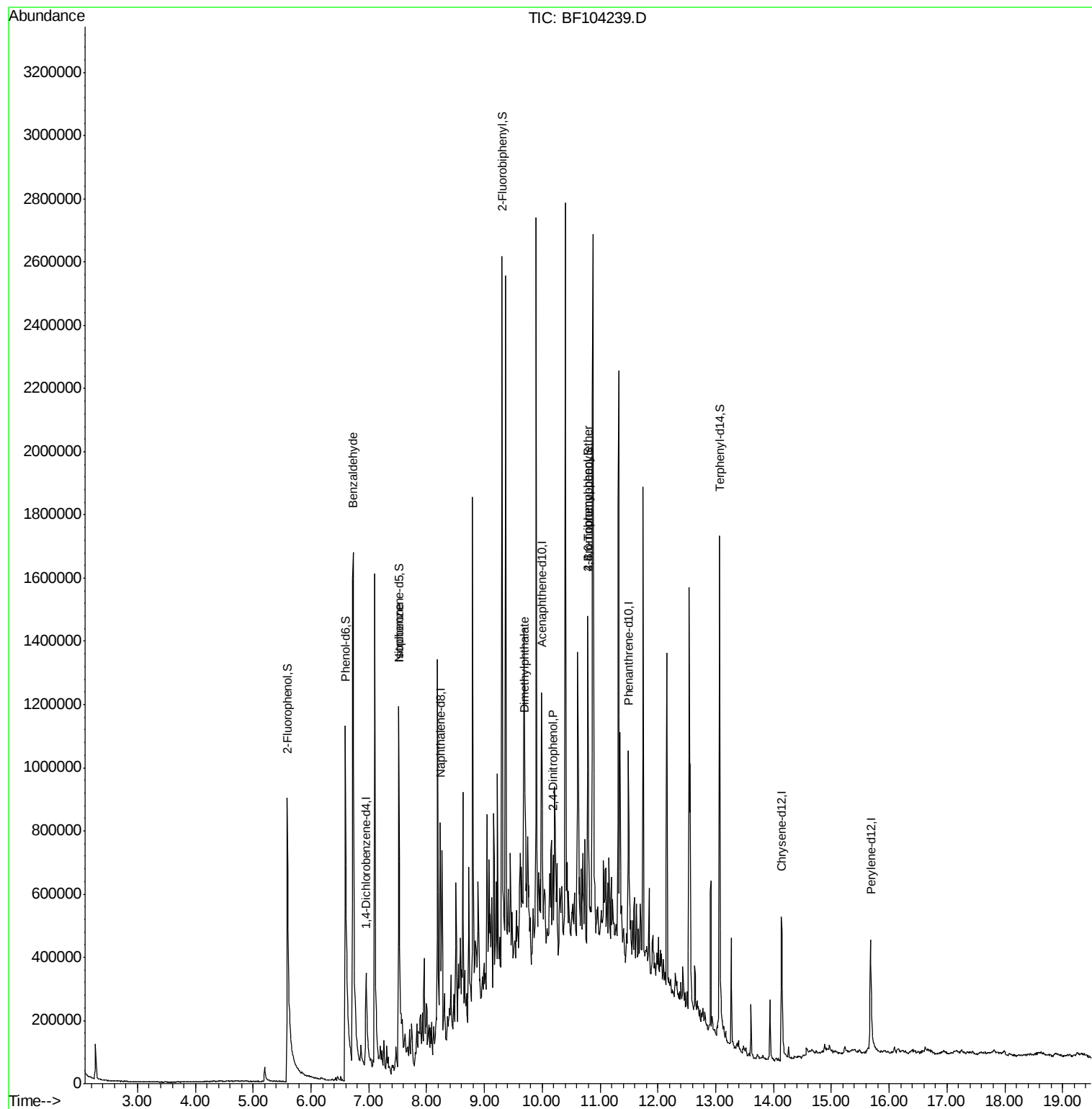
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	116863	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	477568	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	210690	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	324303	20.00	ng	0.00
75) Chrysene-d12	14.14	240	227995	20.00	ng	0.00
86) Perylene-d12	15.68	264	230018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	740084	100.99	ng	0.00
7) Phenol-d6	6.59	99	1021613	113.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	553885	70.93	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	205730	87.69	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	954407	71.43	ng	0.00
78) Terphenyl-d14	13.07	244	680360	68.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	15999	2.191	ng	90
25) Isophorone	7.52	82	548099	38.085	ng	# 65
49) Dimethylphthalate	9.70	163	68283	4.105	ng	# 96
53) 2,4-Dinitrophenol	10.19	184	239	5.715	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	12221	3.522	ng	# 1

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

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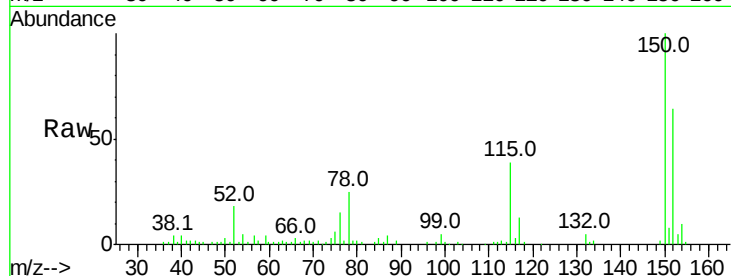


#1

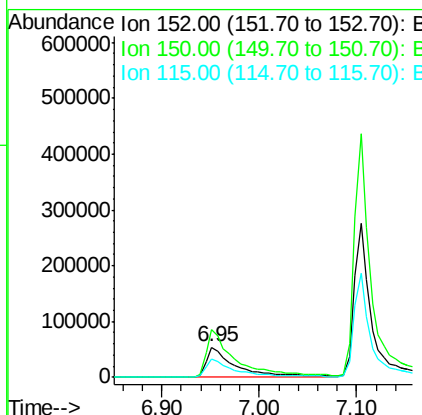
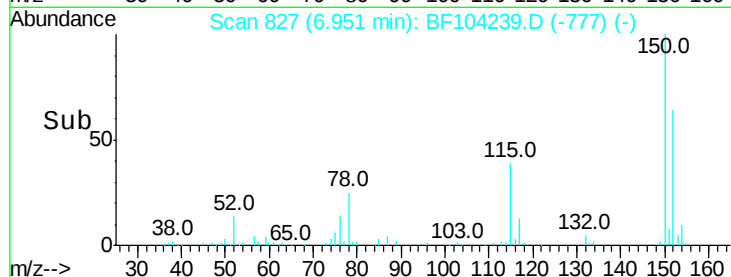
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104239.D
Acq: 4 Apr 2018 21:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116863
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 61.5 50.1 75.1



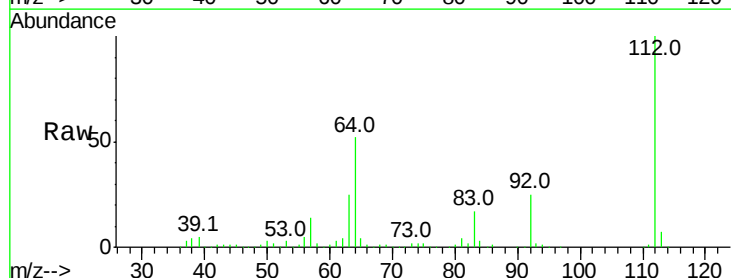
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



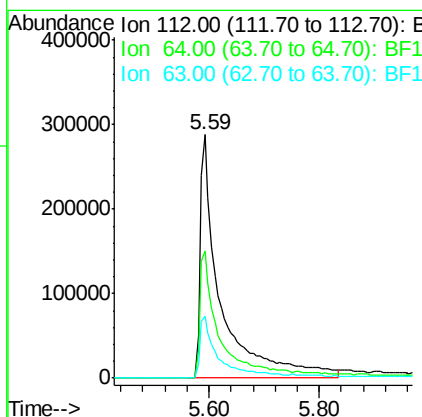
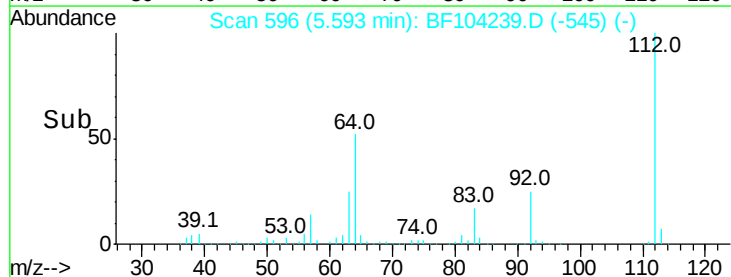
#5

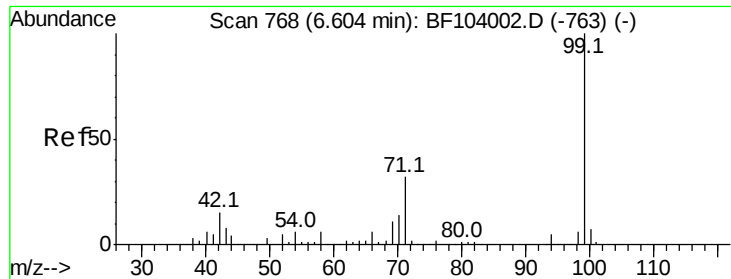
2-Fluorophenol
Concen: 100.994 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF104239.D
Acq: 4 Apr 2018 21:27

Tgt Ion:112 Resp: 740084
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 25.5 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: 113.316 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

Instrument :

BNA_F

ClientSampled :

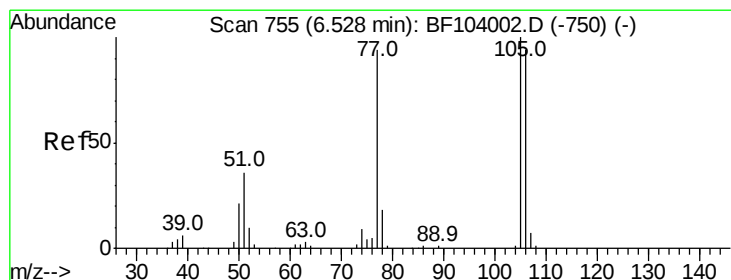
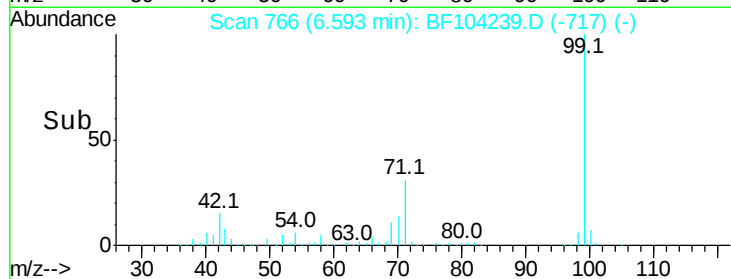
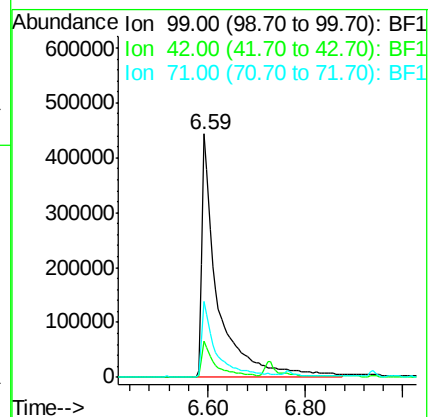
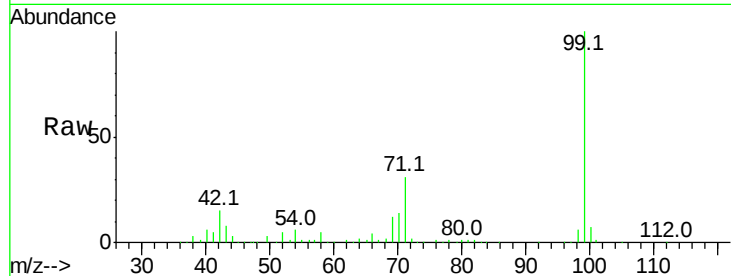
Tot Ion: 99 Resp: 1021613

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 31.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.191 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

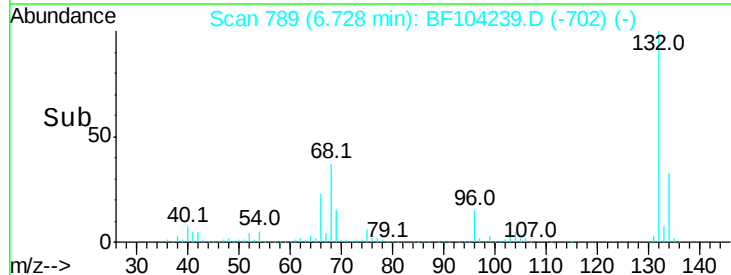
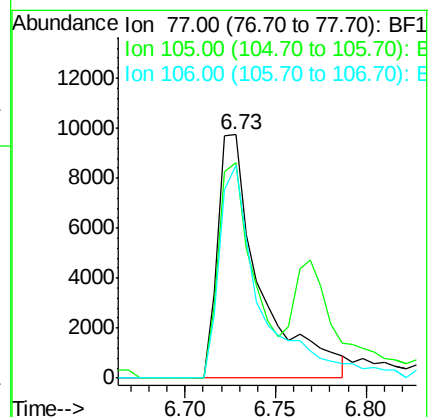
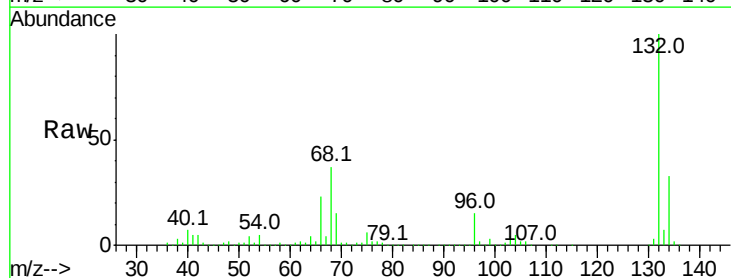
Tgt Ion: 77 Resp: 15999

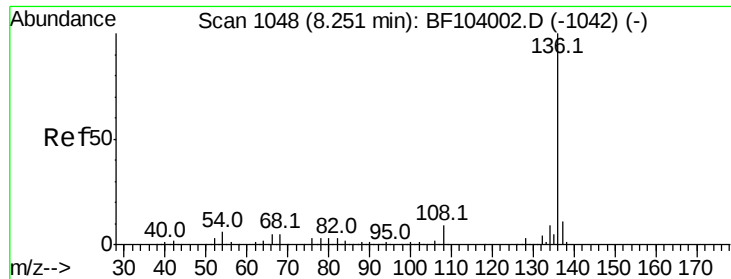
Ion Ratio Lower Upper

77 100

105 88.5 81.1 121.1

106 87.4 74.5 114.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 477568

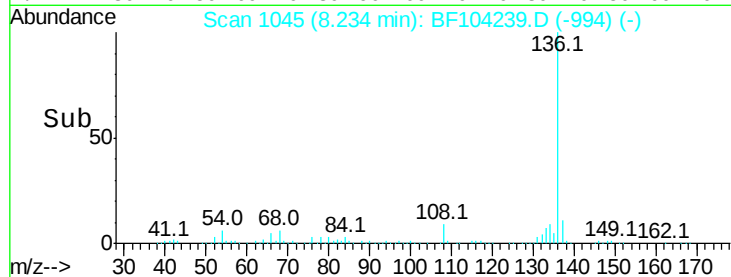
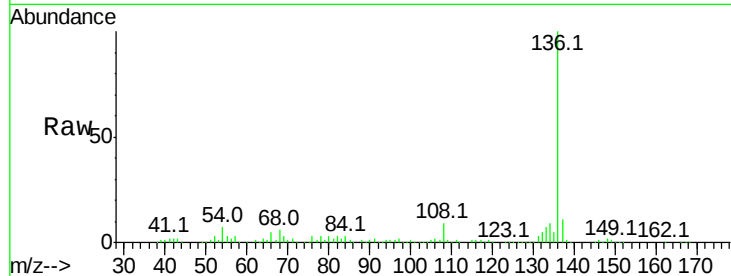
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 6.3 5.0 7.4

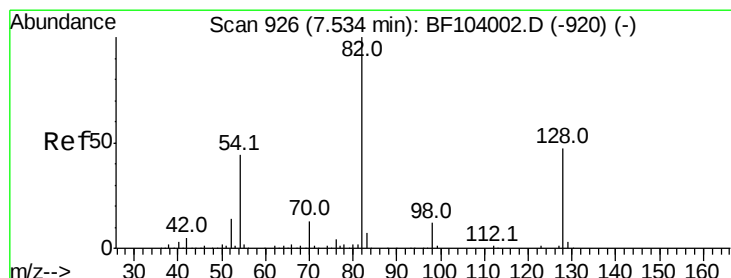
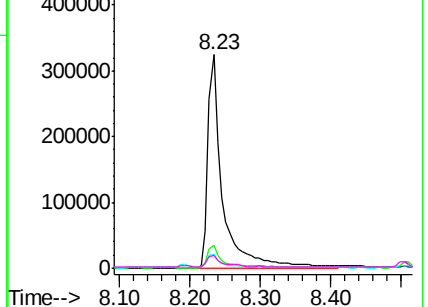


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.928 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

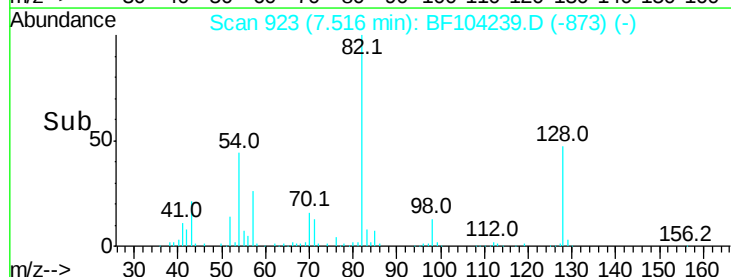
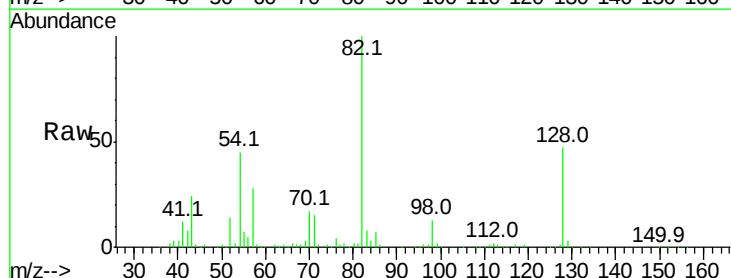
Tgt Ion: 82 Resp: 553885

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

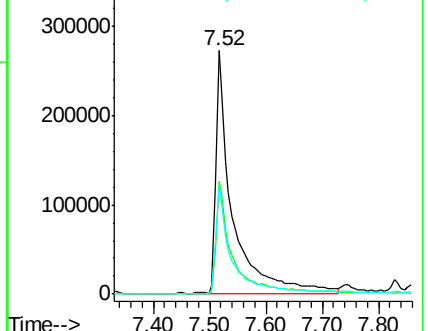
54 44.6 41.4 62.2

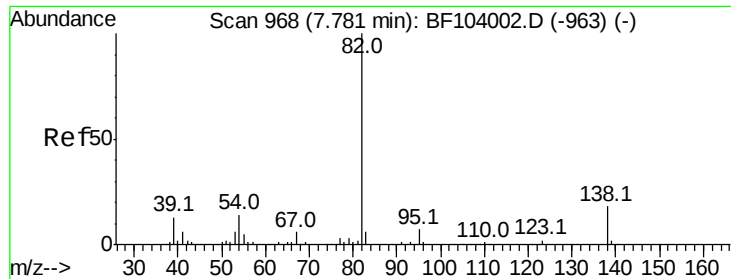


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

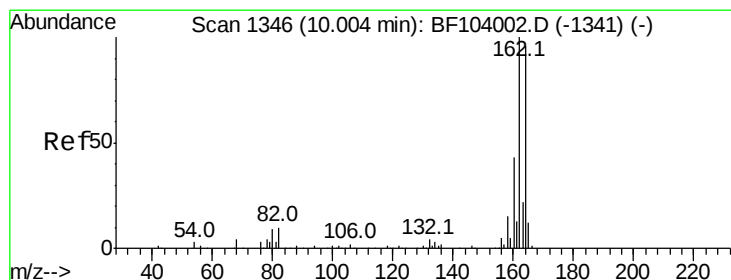
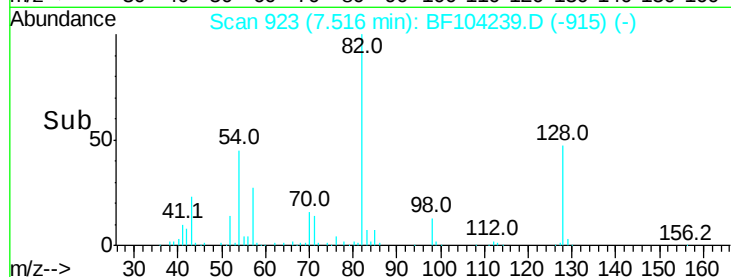
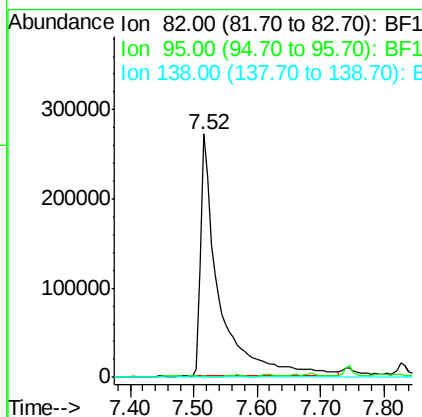
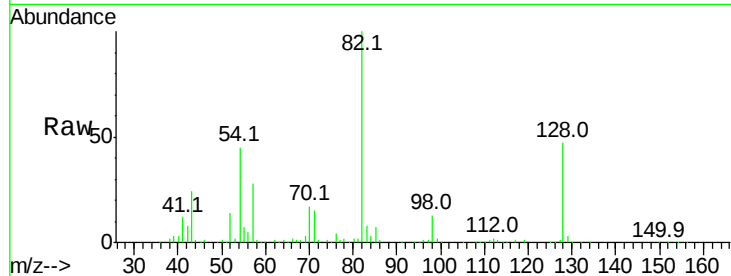




#25
Isophorone
Concen: 38.085 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104239.D
Acq: 4 Apr 2018 21:27

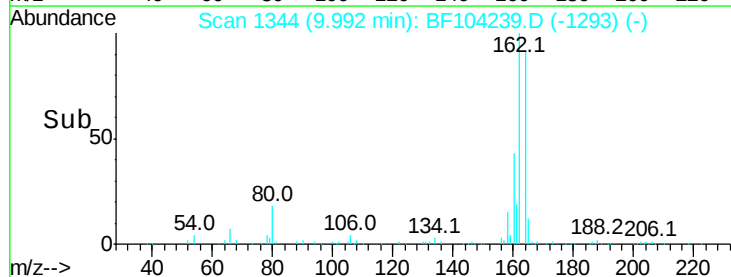
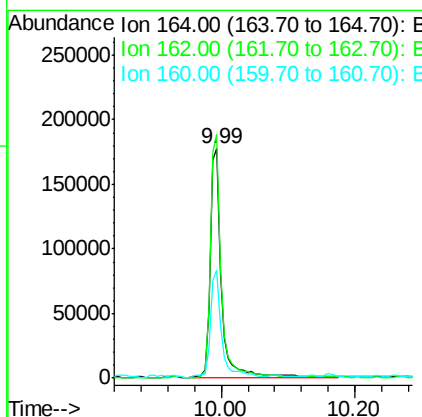
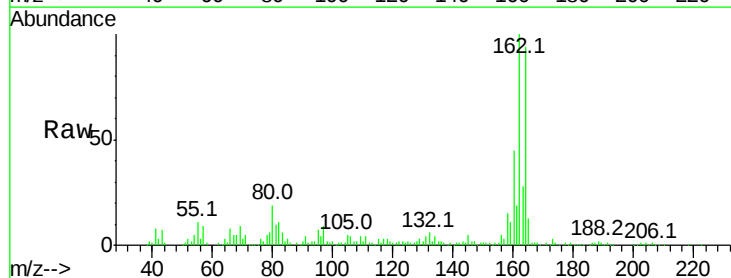
Instrument :
BNA_F
ClientSampleId :

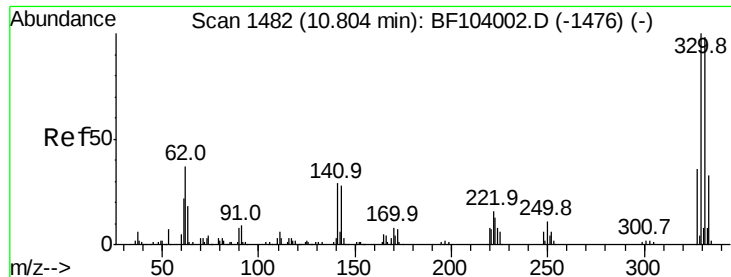
Tot Ion: 82 Resp: 548099
Ion Ratio Lower Upper
82 100
95 0.5 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF104239.D
Acq: 4 Apr 2018 21:27

Tgt Ion:164 Resp: 210690
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 47.2 38.3 57.5

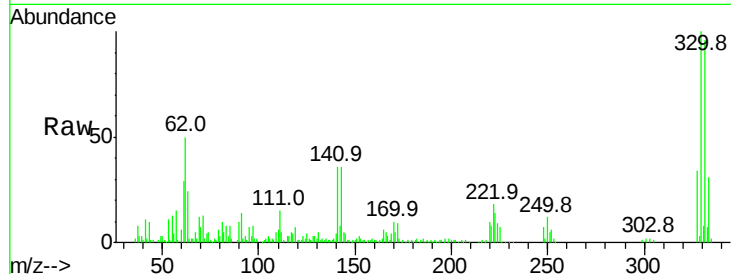




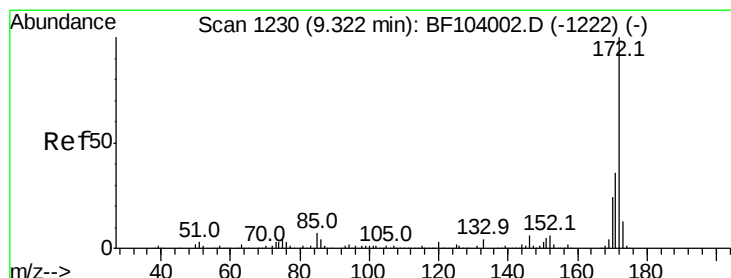
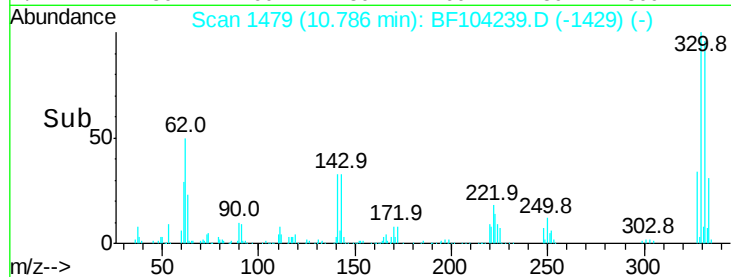
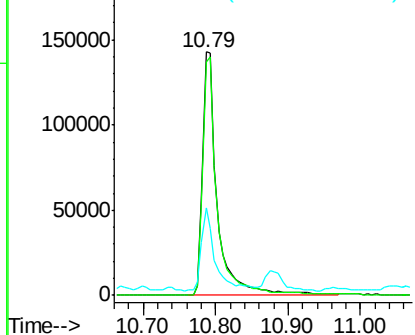
#41
 2,4,6-Tribromophenol
 Concen: 87.693 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104239.D
 Acq: 4 Apr 2018 21:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 205730
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 30.8 29.9 44.9

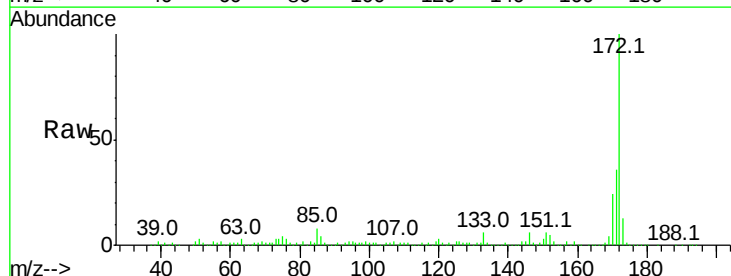


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

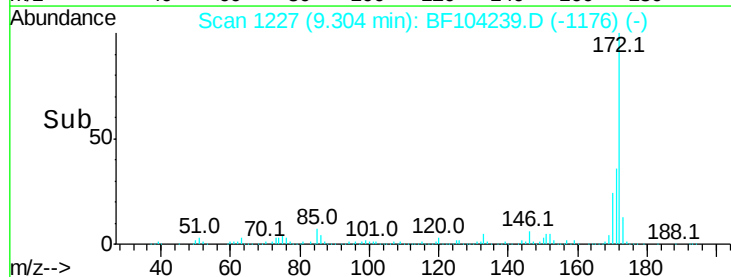
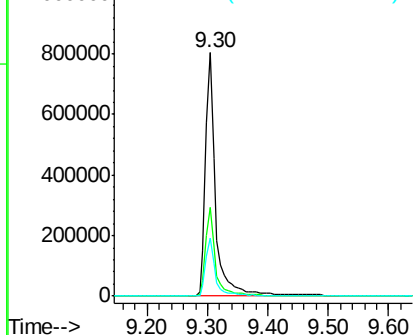


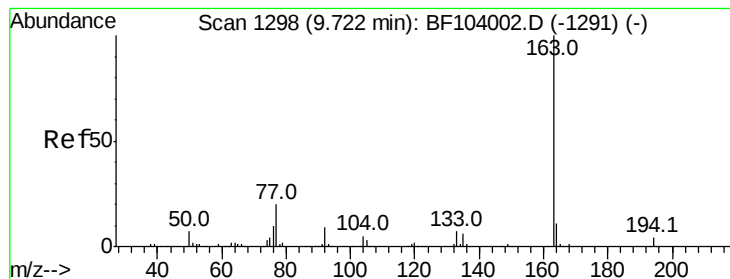
#44
 2-Fluorobiphenyl
 Concen: 71.433 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104239.D
 Acq: 4 Apr 2018 21:27

Tgt Ion:172 Resp: 954407
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.9 19.6 29.4



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





#49

Dimethylphthalate

Concen: 4.105 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

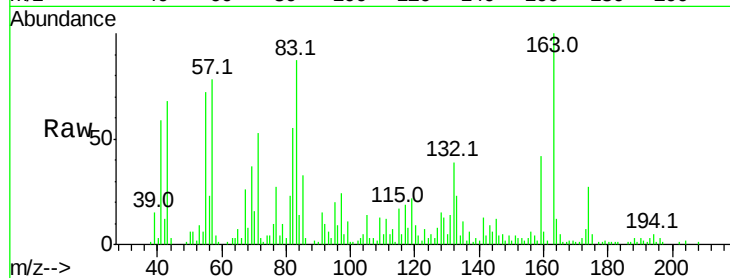
Tot Ion:163 Resp: 68283

Ion Ratio Lower Upper

163 100

194 5.1 2.7 4.1#

164 11.7 8.2 12.2

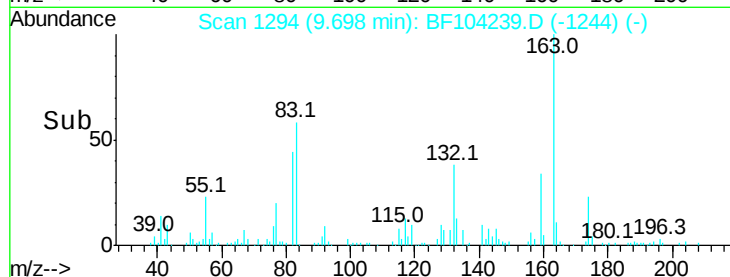


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



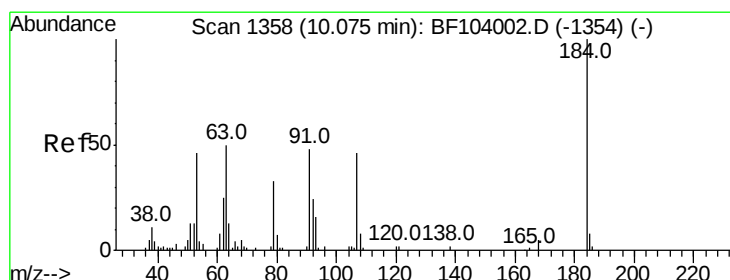
Abundance

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-->



#53

2,4-Dinitrophenol

Concen: 5.715 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.09 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

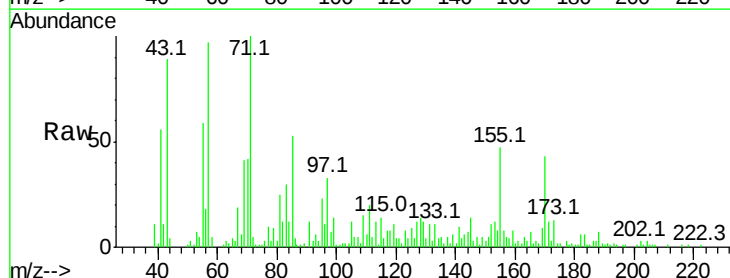
Tgt Ion:184 Resp: 239

Ion Ratio Lower Upper

184 100

63 331.5 54.2 81.2#

154 995.2 184.0 276.0#

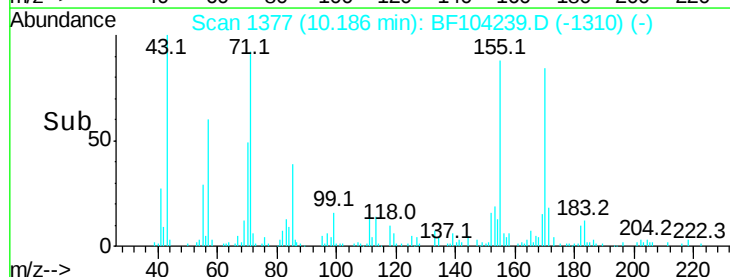


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

Time-->



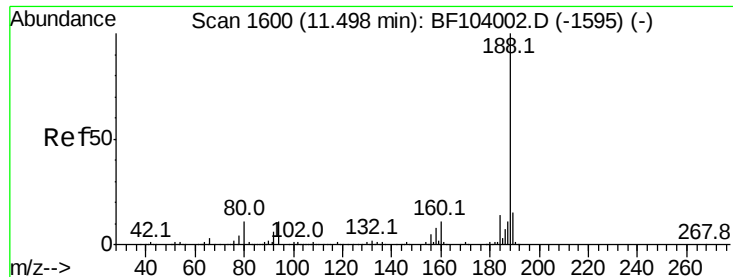
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

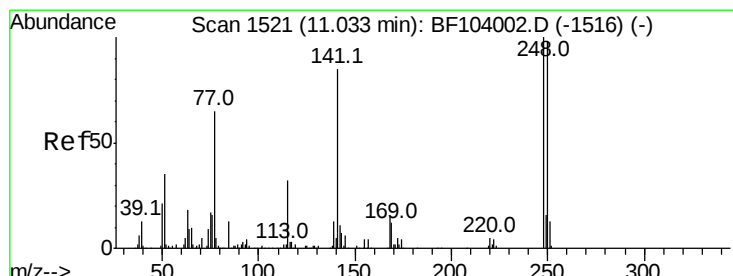
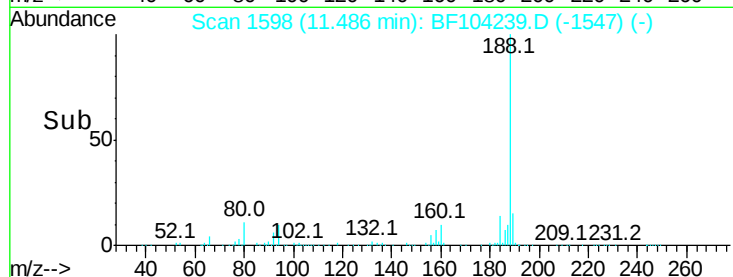
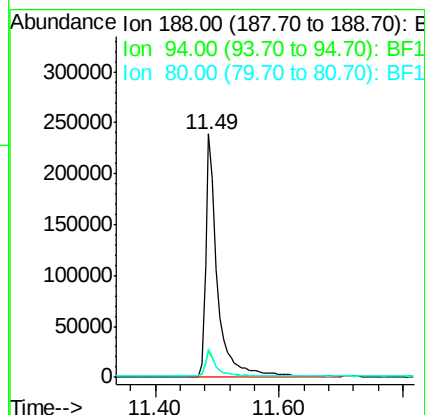
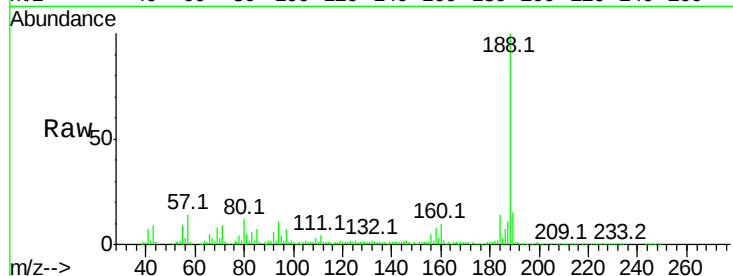
Time-->



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF104239.D
 Acq: 4 Apr 2018 21:27

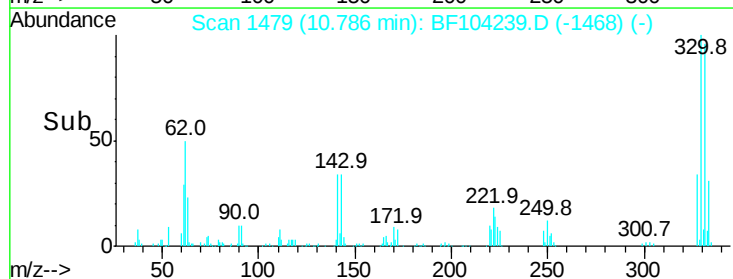
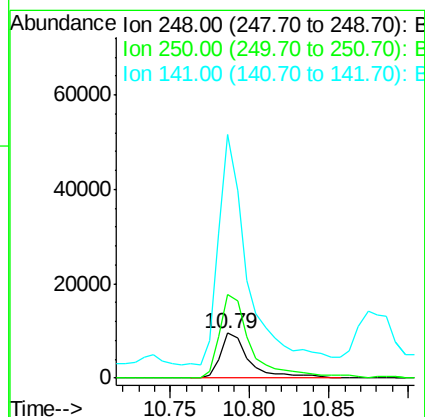
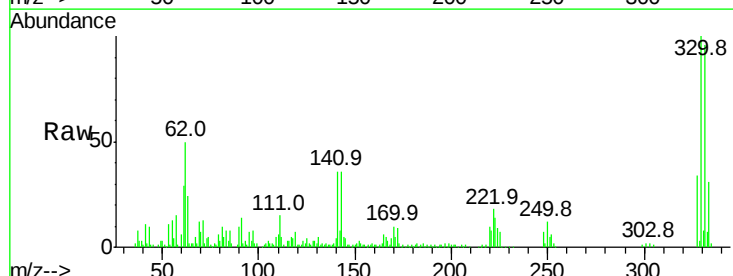
Instrument :
 BNA_F
 ClientSampled :

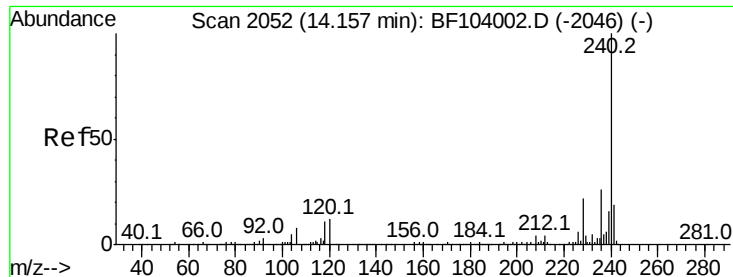
Tot Ion:188 Resp: 324303
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.7 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.522 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF104239.D
 Acq: 4 Apr 2018 21:27

Tgt Ion:248 Resp: 12221
 Ion Ratio Lower Upper
 248 100
 250 186.0 76.9 115.3#
 141 540.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

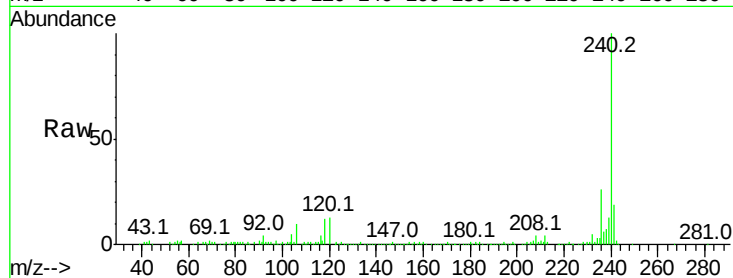
Tot Ion:240 Resp: 227995

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

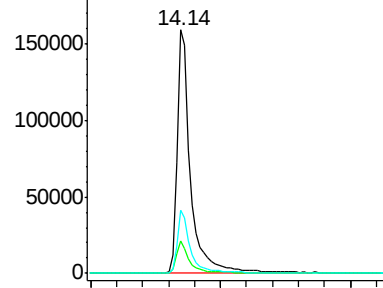
236 26.1 20.7 31.1



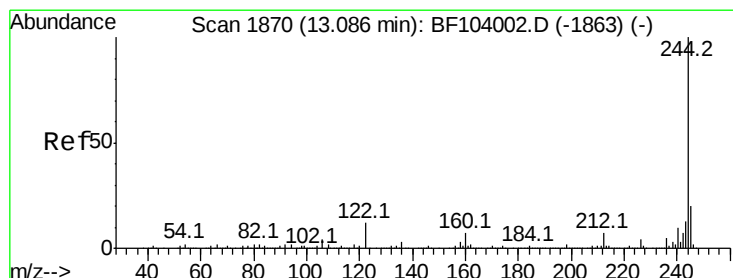
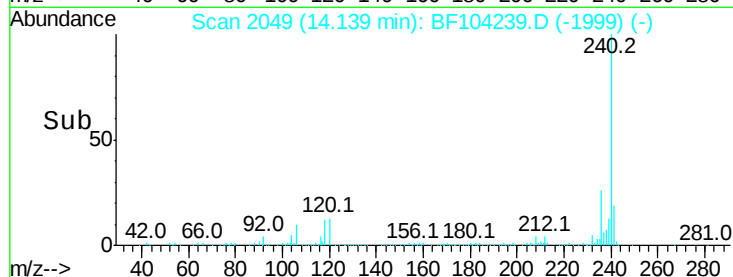
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.20 14.40



#78

Terphenyl-d14

Concen: 68.901 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF104239.D

Acq: 4 Apr 2018 21:27

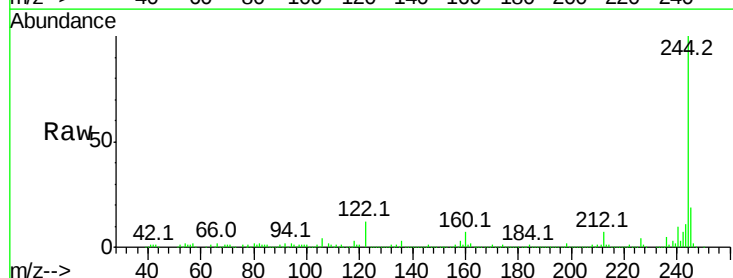
Tgt Ion:244 Resp: 680360

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

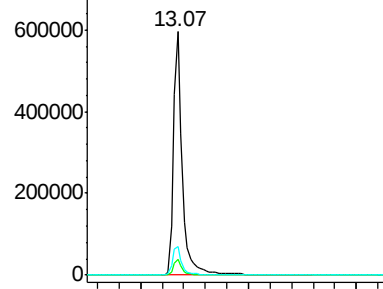
122 11.9 11.0 16.4



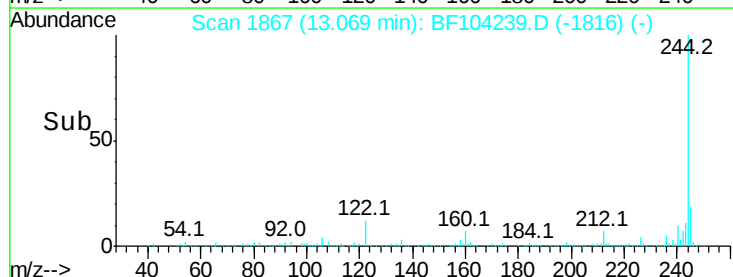
Abundance Ion 244.00 (243.70 to 244.70): E

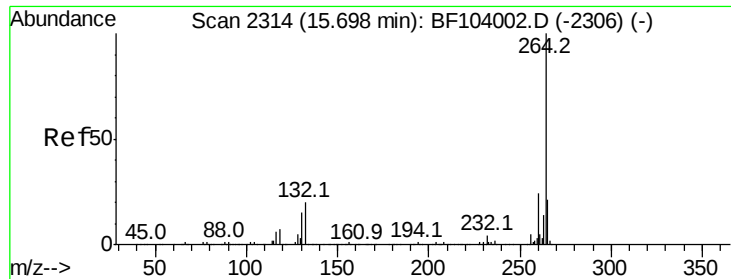
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.00 13.20 13.40

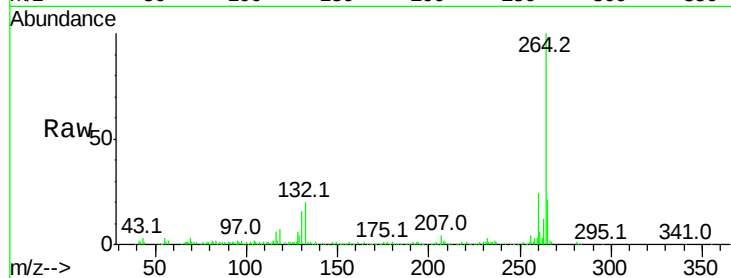




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BF104239.D
Acq: 4 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 230018
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.7 17.5 26.3



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

