

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104021.D
 Acq On : 28 Mar 2018 20:16
 Operator : JU/SJ
 Sample : J2086-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-124023-124035

Quant Time: Mar 29 04:47:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

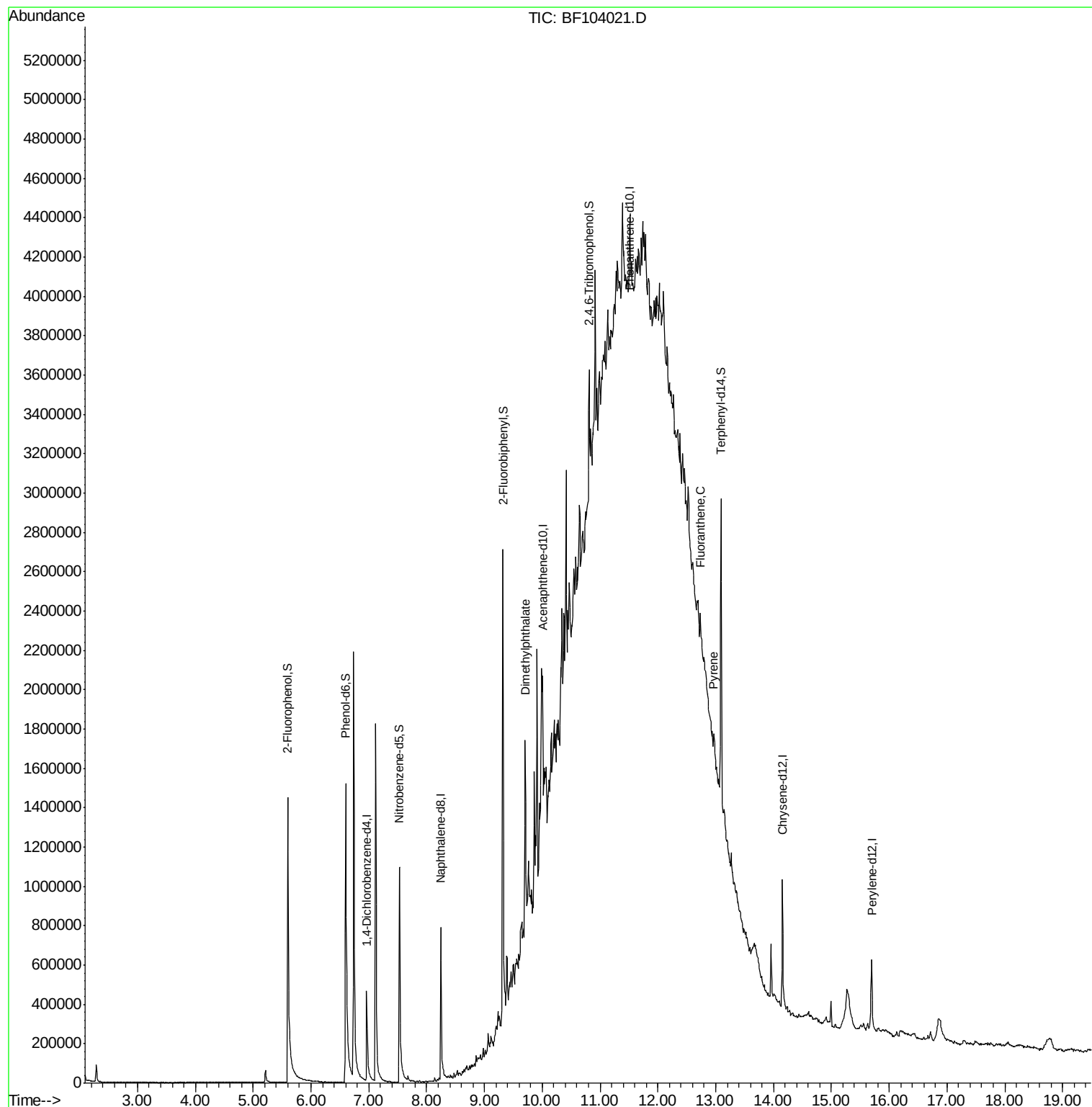
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123540	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	494328	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	186529	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	187385	20.00	ng	0.02
75) Chrysene-d12	14.16	240	232156	20.00	ng	0.00
86) Perylene-d12	15.70	264	198774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	825904	106.61	ng	0.00
7) Phenol-d6	6.60	99	1048982	110.06	ng	0.00
23) Nitrobenzene-d5	7.53	82	597701	73.94	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	172608	83.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	991680	83.84	ng	0.00
78) Terphenyl-d14	13.09	244	636965	63.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	97956	6.651	ng	# 87
74) Fluoranthene	12.73	202	44206	4.099	ng	# 87
77) Pyrene	12.96	202	40140	2.405	ng	# 87

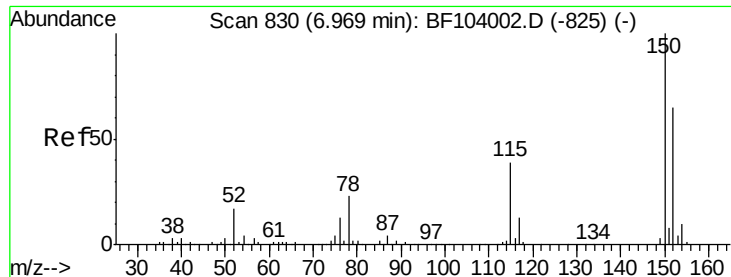
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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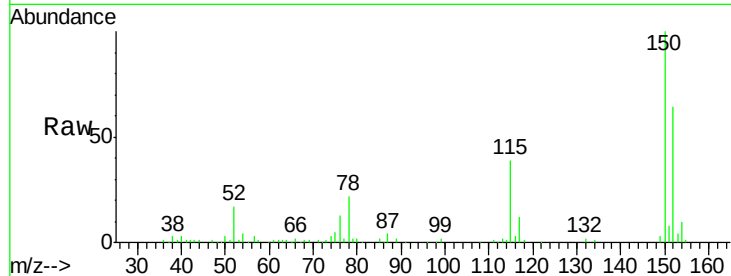


#1

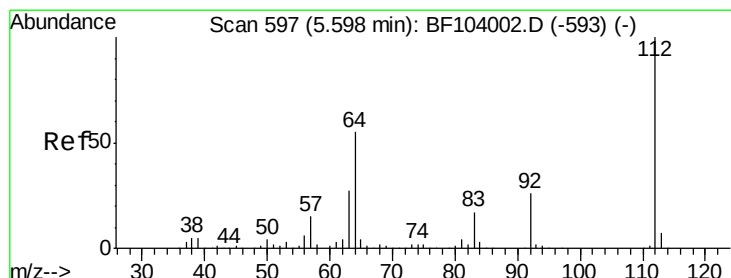
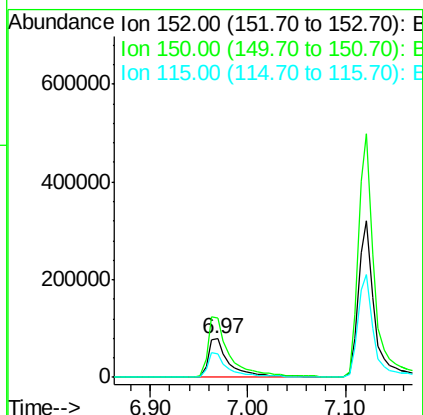
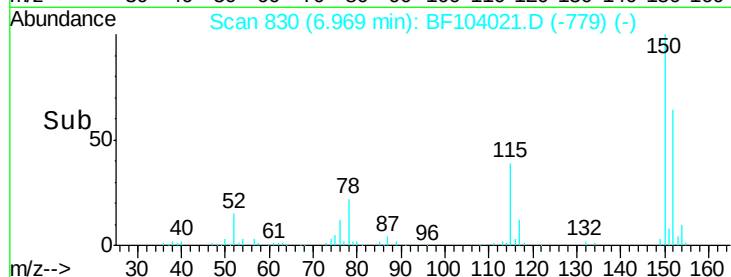
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RS-124023-124035

Tot Ion:152 Resp: 123540
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.1 50.1 75.1



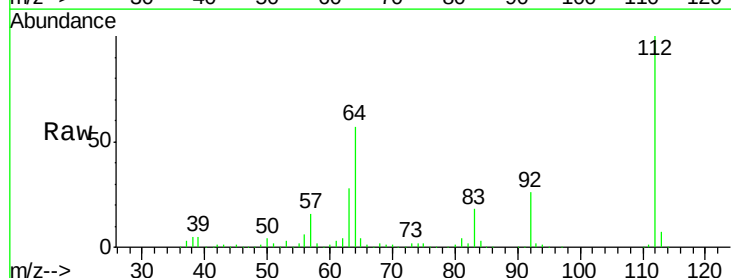
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



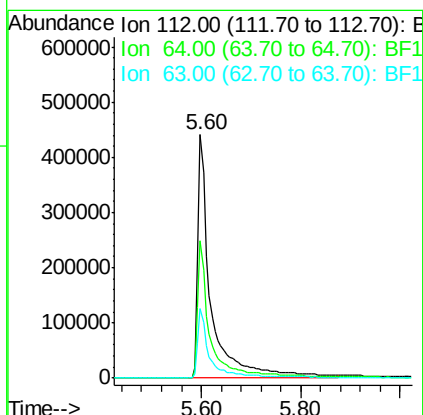
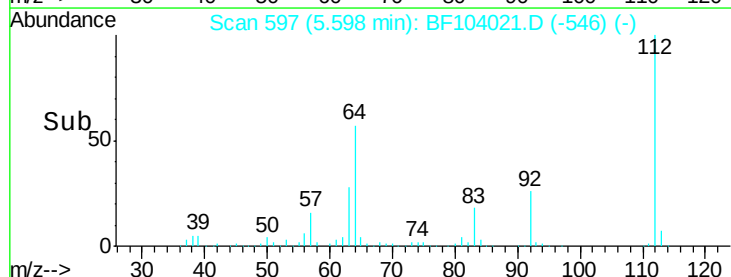
#5

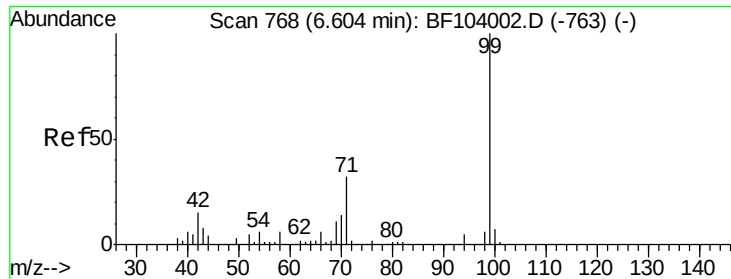
2-Fluorophenol
Concen: 106.614 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Tgt Ion:112 Resp: 825904
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.3 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: 110.063 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RS-124023-124035

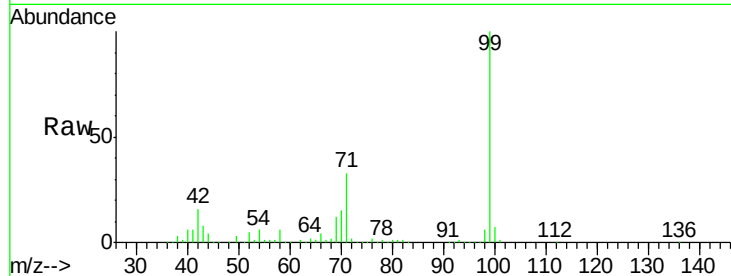
Tot Ion: 99 Resp: 1048982

Ion Ratio Lower Upper

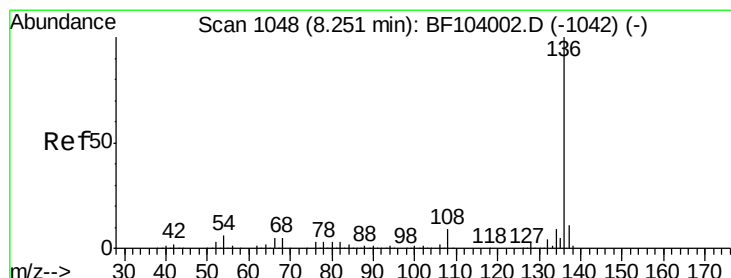
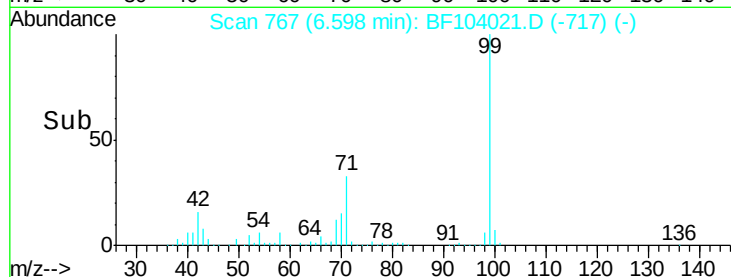
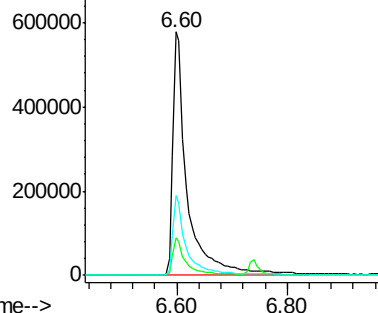
99 100

42 15.6 14.5 21.7

71 32.8 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

Tgt Ion: 136 Resp: 494328

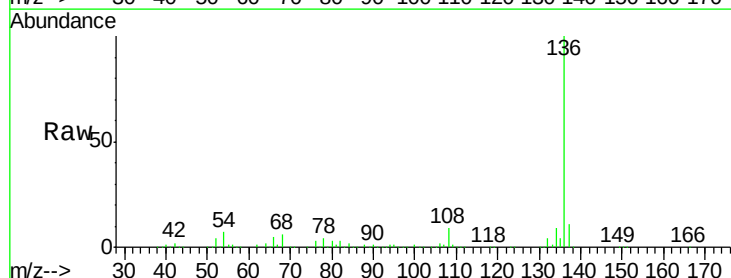
Ion Ratio Lower Upper

136 100

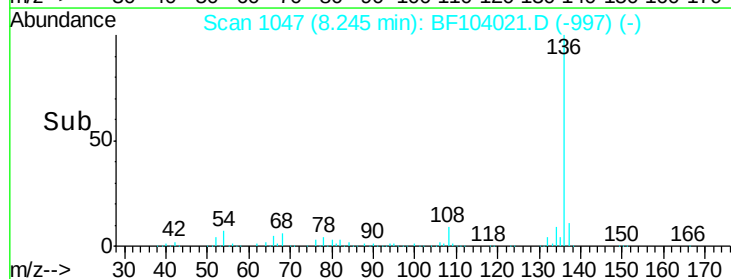
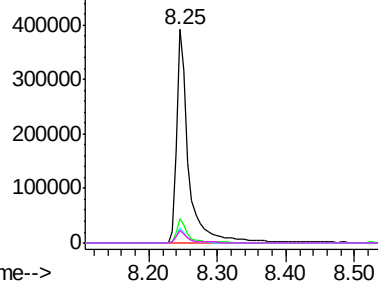
137 11.1 8.9 13.3

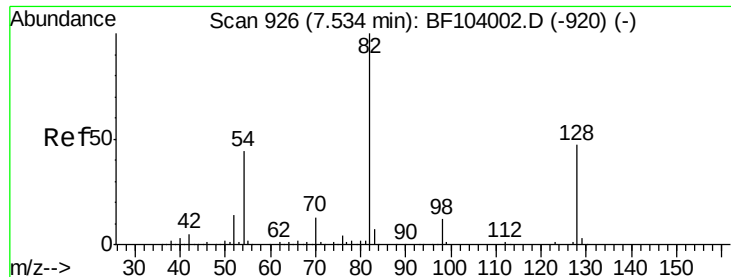
54 7.0 6.6 9.8

68 6.1 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

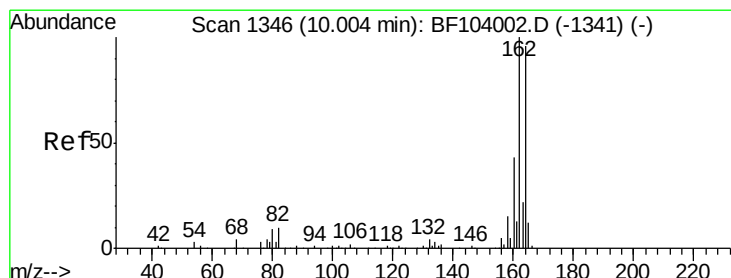
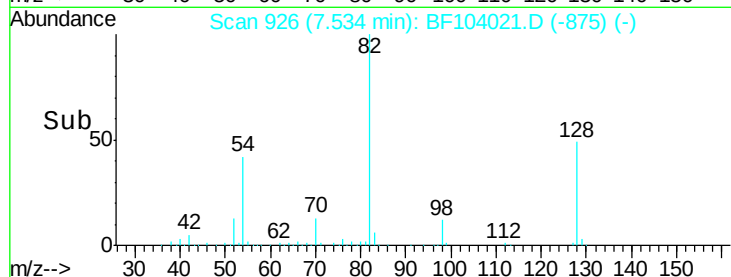
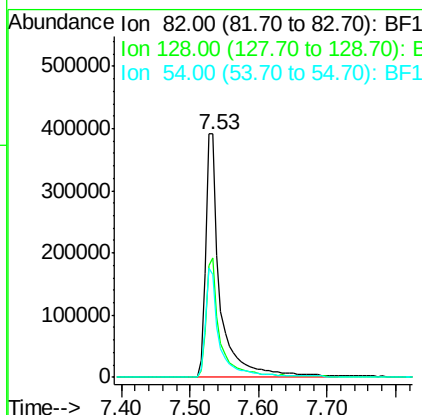
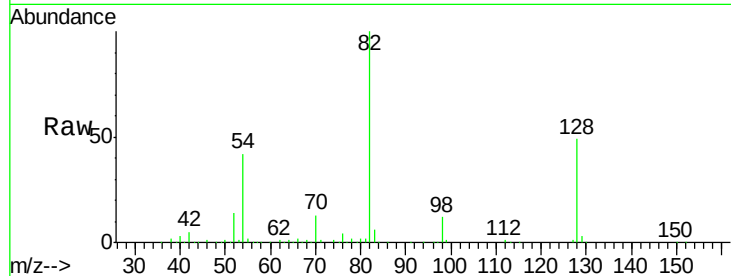




#23
 Nitrobenzene-d5
 Concen: 73.944 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104021.D
 Acq: 28 Mar 2018 20:16

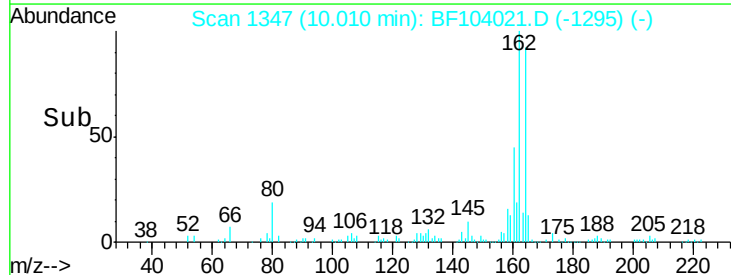
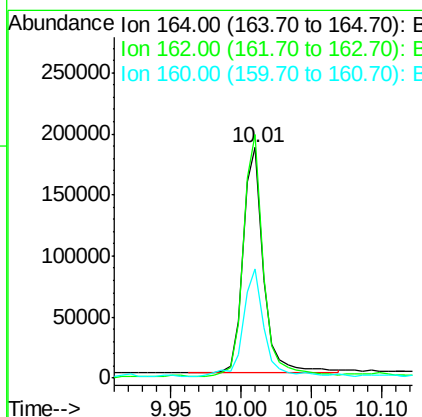
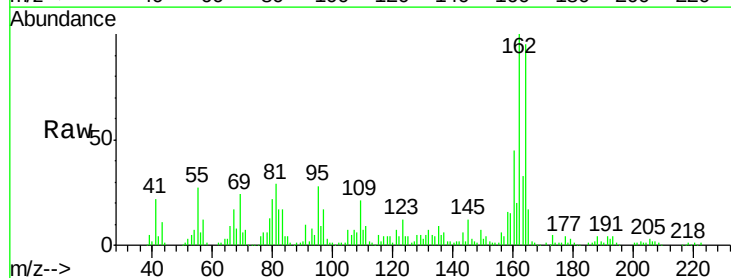
Instrument :
 BNA_F
 ClientSampleId :
 RS-124023-124035

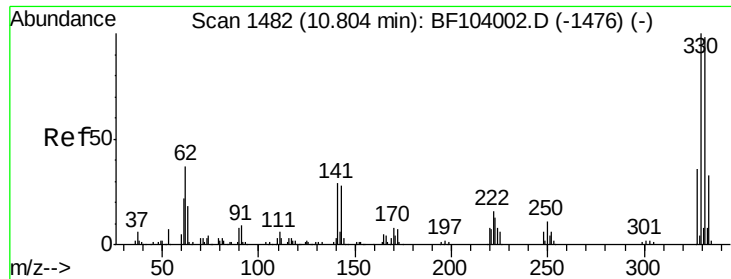
Tot Ion: 82 Resp: 597701
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.1 54.1
 54 42.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF104021.D
 Acq: 28 Mar 2018 20:16

Tgt Ion:164 Resp: 186529
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 47.6 38.3 57.5

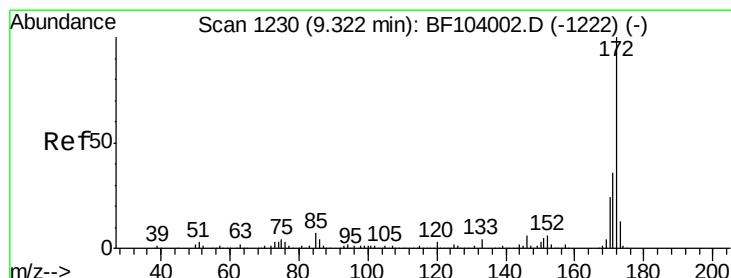
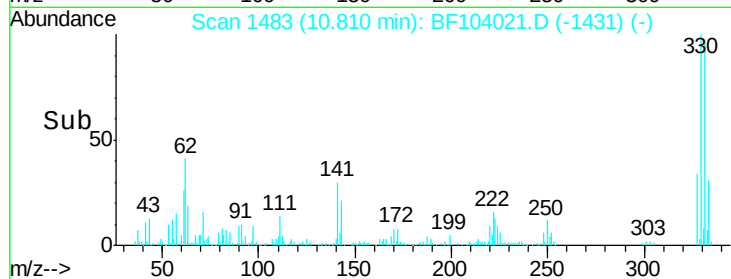
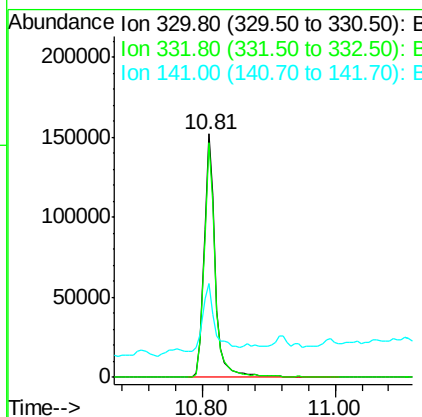
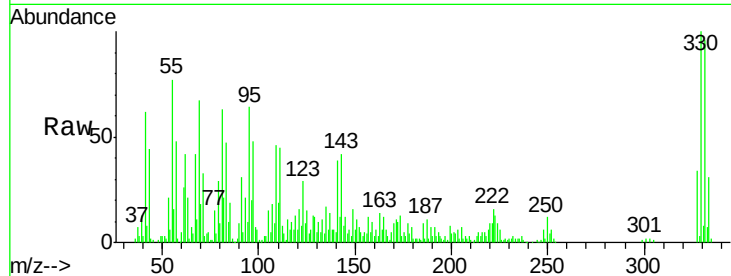




#41
 2,4,6-Tribromophenol
 Concen: 83.104 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF104021.D
 Acq: 28 Mar 2018 20:16

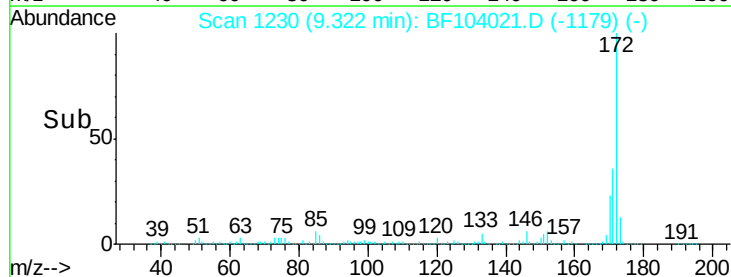
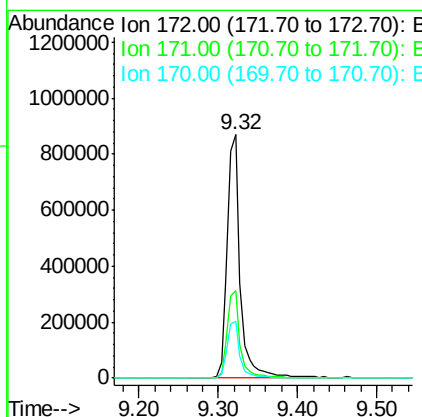
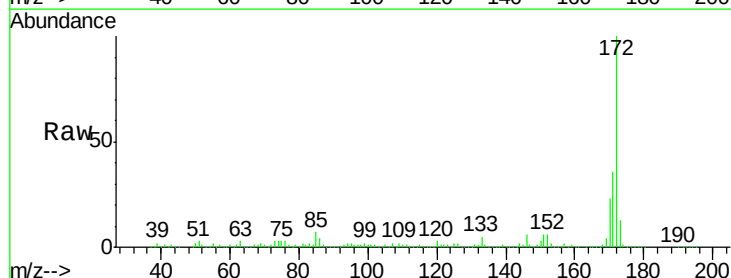
Instrument :
 BNA_F
 ClientSampleId :
 RS-124023-124035

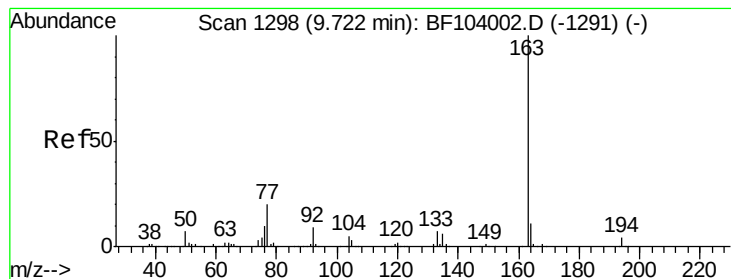
Tot Ion:330 Resp: 172608
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 30.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.837 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104021.D
 Acq: 28 Mar 2018 20:16

Tgt Ion:172 Resp: 991680
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.4 19.6 29.4





#49

Dimethylphthalate

Concen: 6.651 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RS-124023-124035

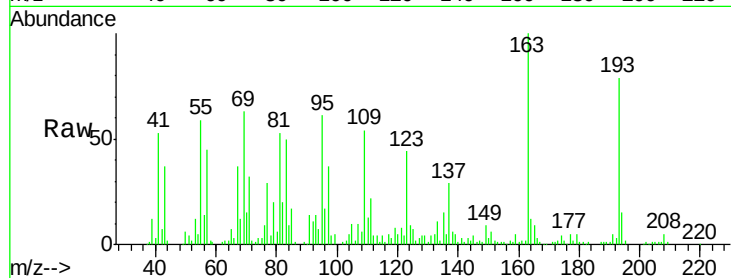
Tot Ion:163 Resp: 97956

Ion Ratio Lower Upper

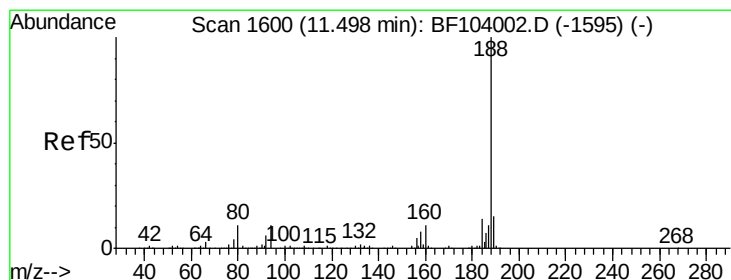
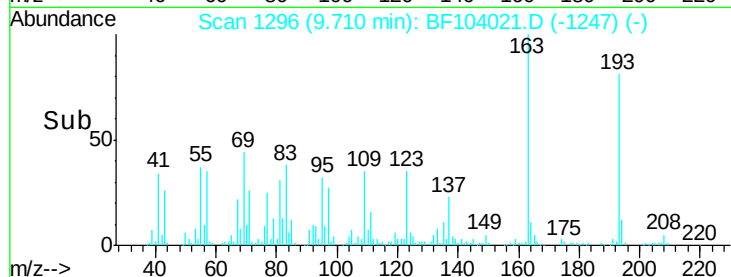
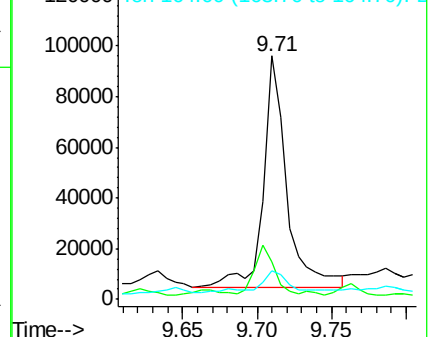
163 100

194 15.3 2.7 4.1#

164 11.9 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.02 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

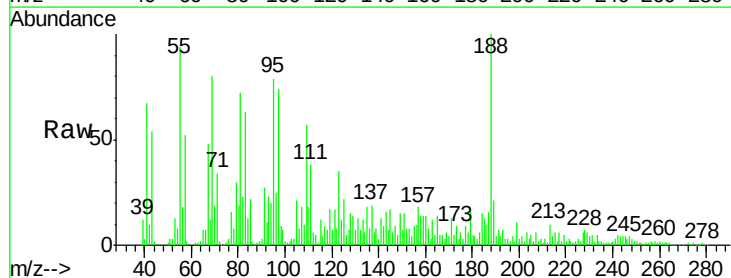
Tgt Ion:188 Resp: 187385

Ion Ratio Lower Upper

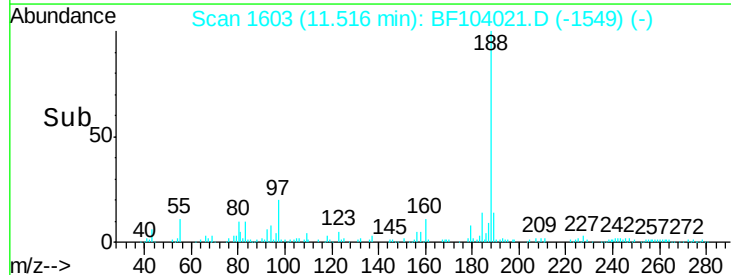
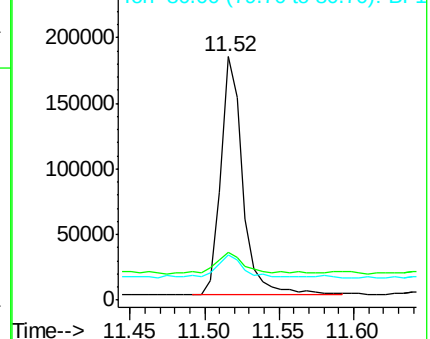
188 100

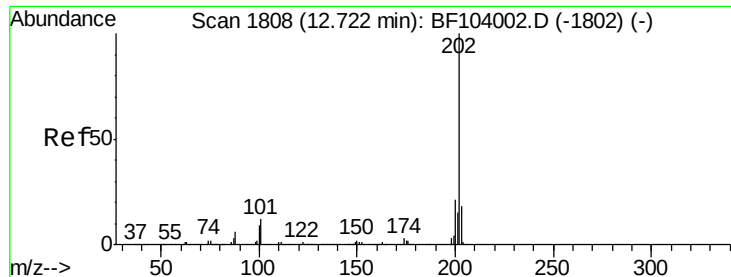
94 19.5 8.5 12.7#

80 18.8 9.2 13.8#



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





#74

Fluoranthene

Concen: 4.099 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

Instrument :

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ClientSampleId :

RS-124023-124035

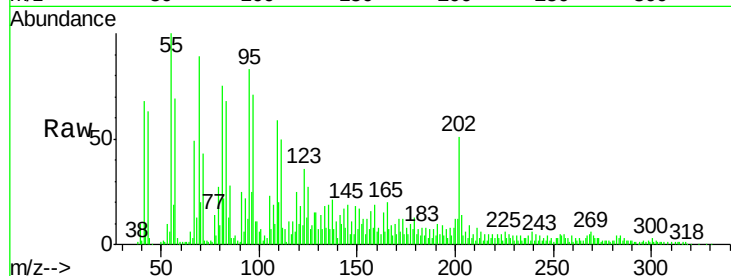
Tot Ion:202 Resp: 44206

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

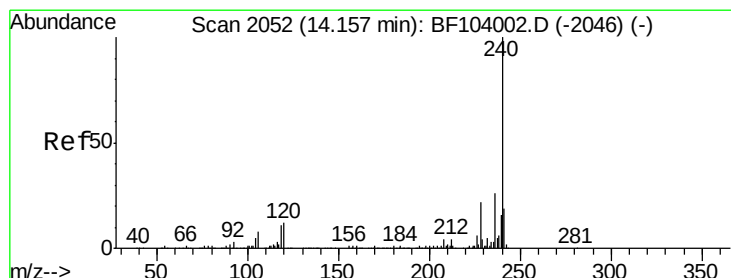
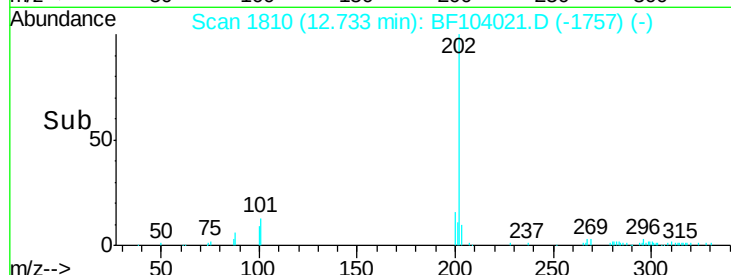
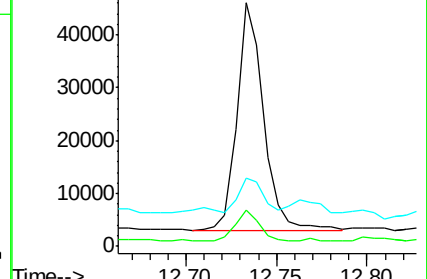
203 28.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

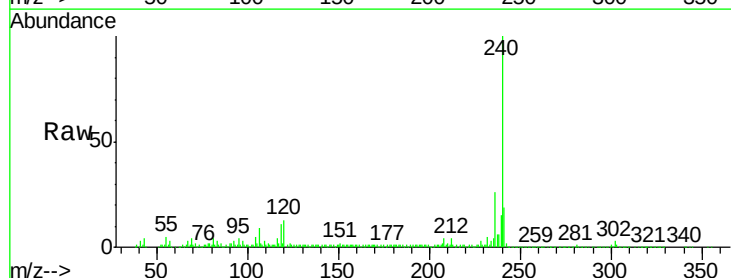
Tgt Ion:240 Resp: 232156

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

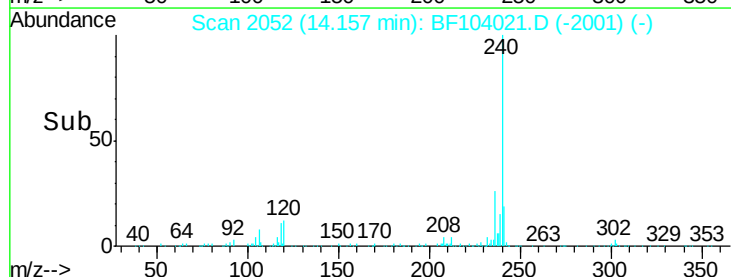
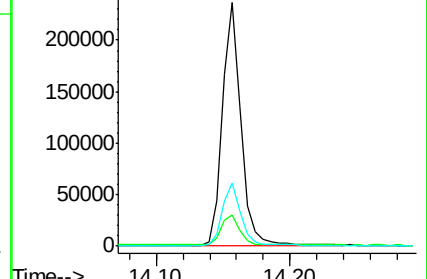
236 25.8 20.7 31.1

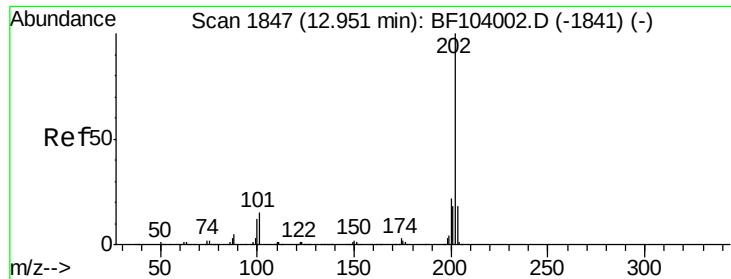


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.405 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

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RS-124023-124035

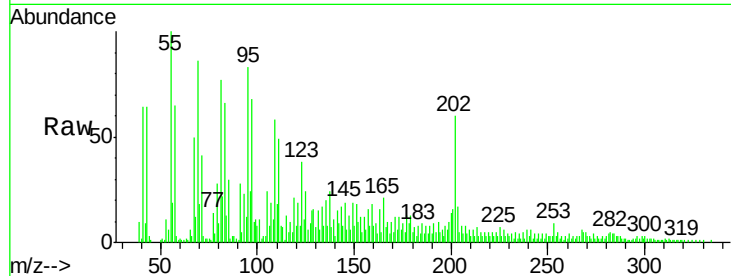
Tot Ion:202 Resp: 40140

Ion Ratio Lower Upper

202 100

200 23.8 17.4 26.2

203 28.3 14.3 21.5#



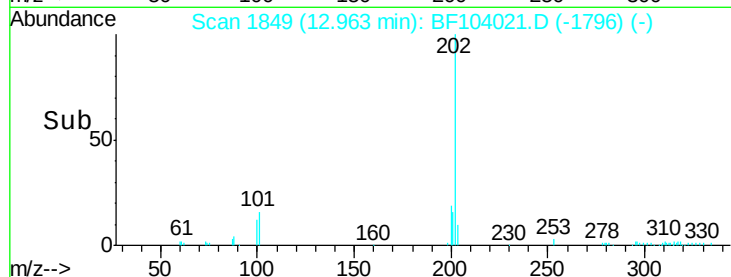
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.96

Time-->



Abundance

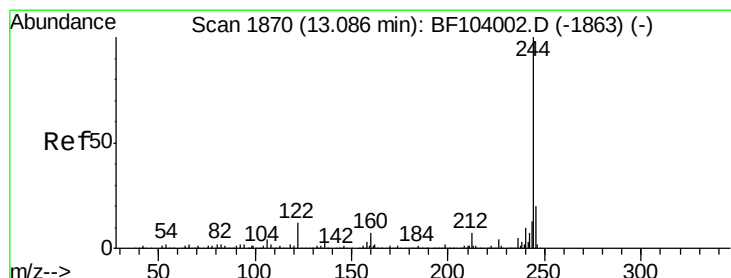
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.96

Time-->



#78

Terphenyl-d14

Concen: 63.351 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF104021.D

Acq: 28 Mar 2018 20:16

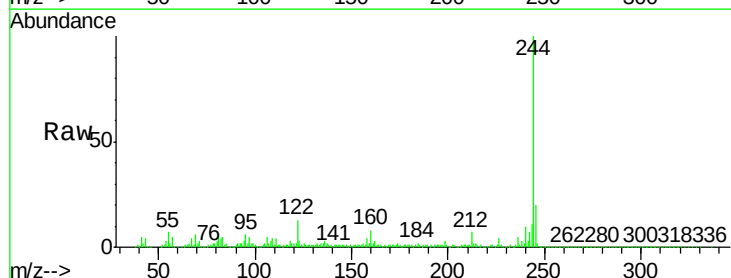
Tgt Ion:244 Resp: 636965

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 13.2 11.0 16.4



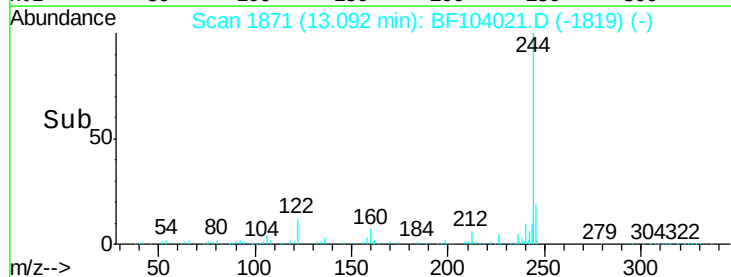
Abundance Ion 244.00 (243.70 to 244.70): E

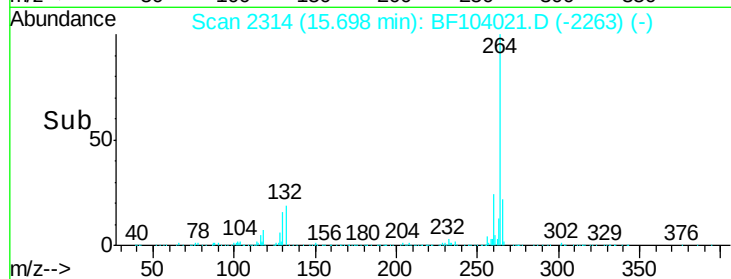
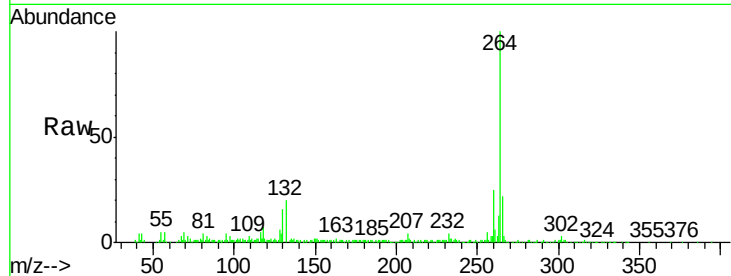
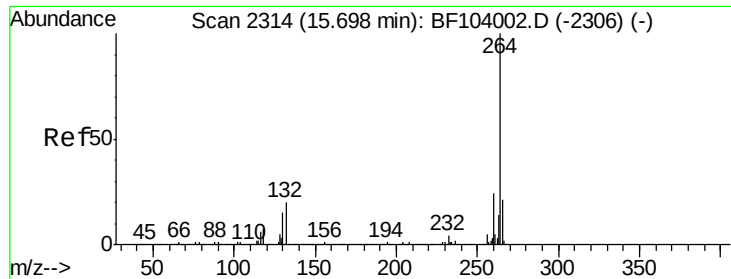
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.09

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104021.D
Acq: 28 Mar 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RS-124023-124035

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	17.5	26.3

