

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104234.D
 Acq On : 4 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2151-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-040318-A

Quant Time: Apr 05 01:19:29 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

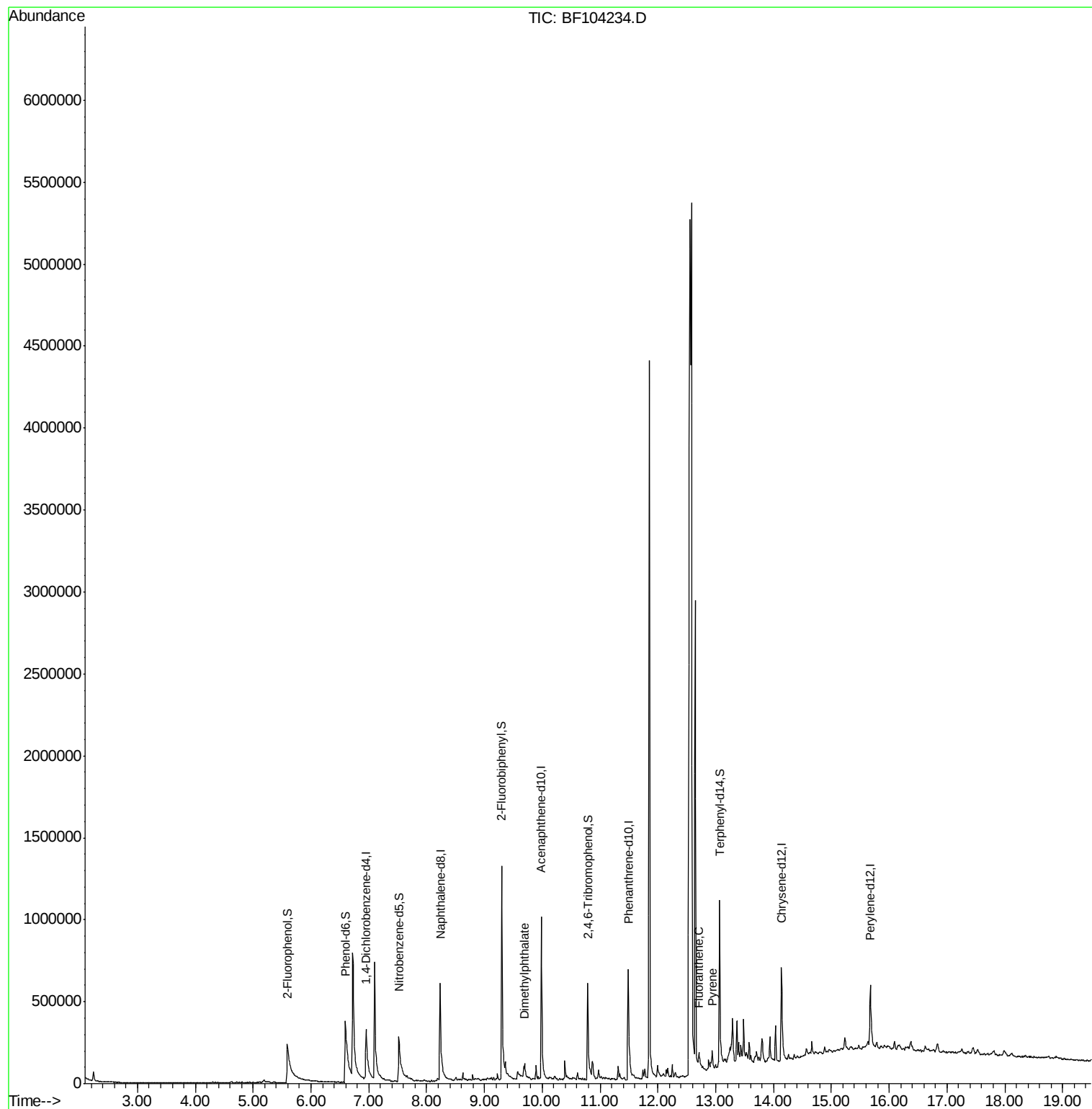
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	128920	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	569519	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	251230	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	418483	20.00	ng	0.00
75) Chrysene-d12	14.14	240	270549	20.00	ng	0.00
86) Perylene-d12	15.67	264	272679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	376644	46.59	ng	0.00
7) Phenol-d6	6.59	99	550222	55.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	314777	33.80	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	135710	48.51	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	629614	39.52	ng	0.00
78) Terphenyl-d14	13.07	244	465898	39.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	55243	2.785	ng	99
74) Fluoranthene	12.71	202	51616	2.143	ng	97
77) Pyrene	12.94	202	39979	2.056	ng	98

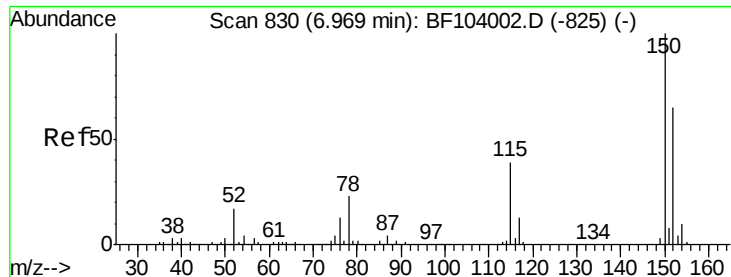
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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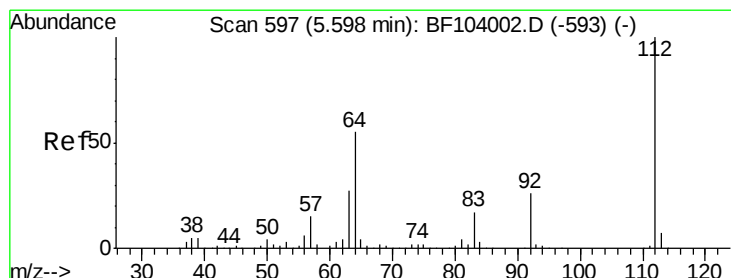
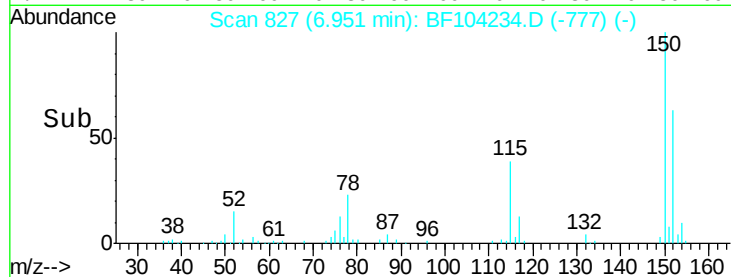
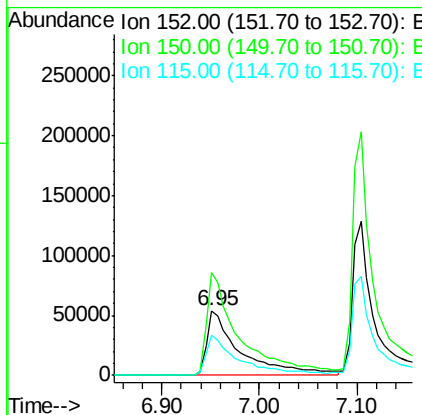
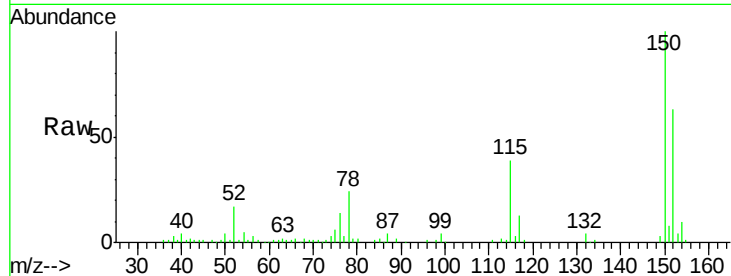


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104234.D
Acq: 4 Apr 2018 19:15

Instrument :
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ClientSampleId :
AU-06-040318-A

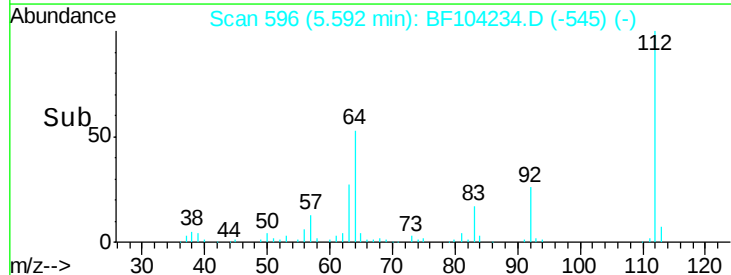
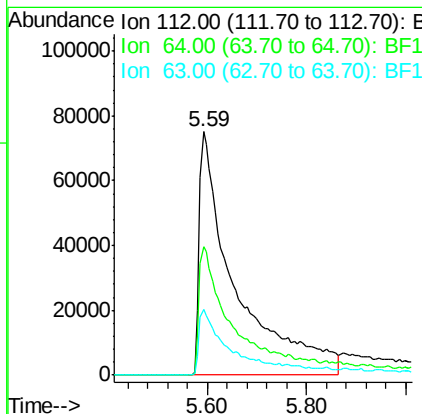
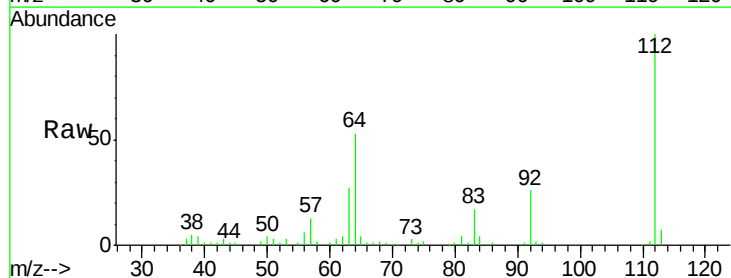
Tot Ion:152 Resp: 128920
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 61.7 50.1 75.1

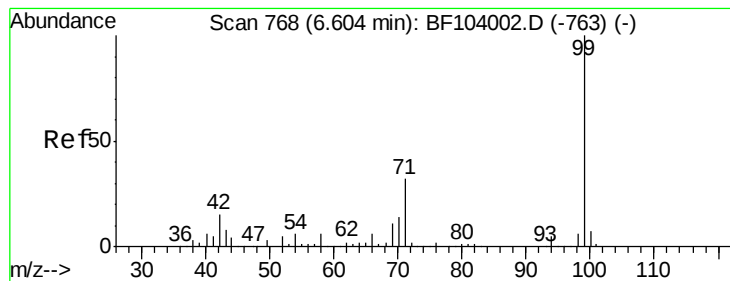


#5

2-Fluorophenol
Concen: 46.591 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF104234.D
Acq: 4 Apr 2018 19:15

Tgt Ion:112 Resp: 376644
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 26.8 23.7 35.5





#7

Phenol-d6

Concen: 55.322 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

AU-06-040318-A

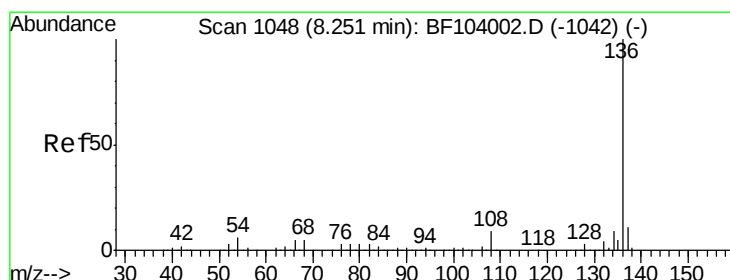
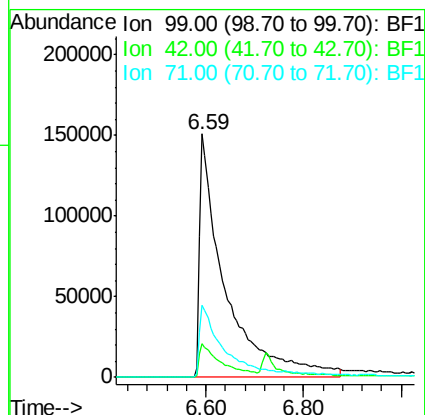
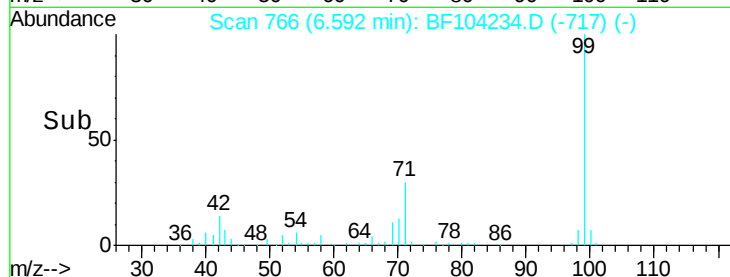
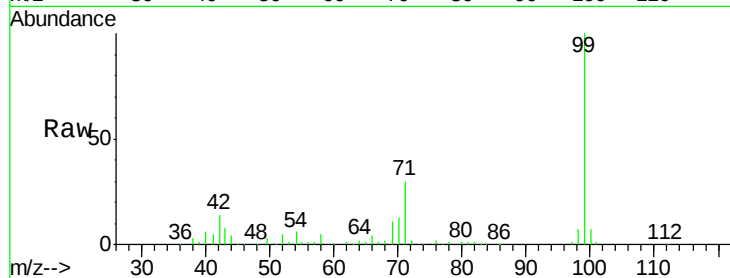
Tot Ion: 99 Resp: 550222

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

71 29.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Tgt Ion: 136 Resp: 569519

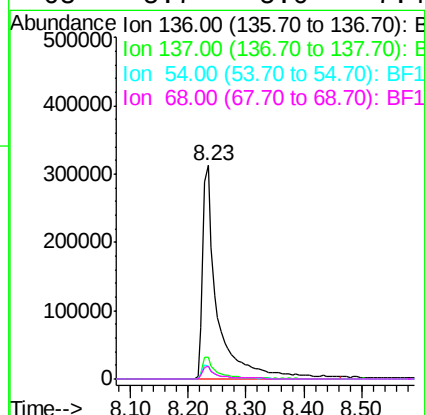
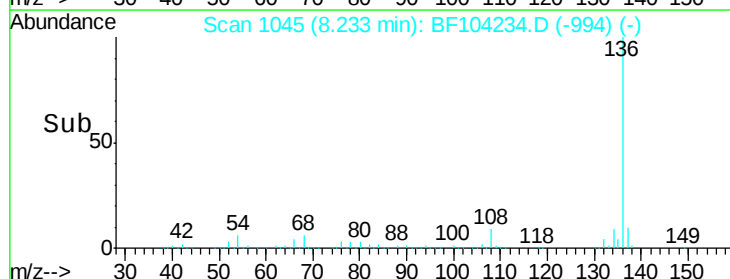
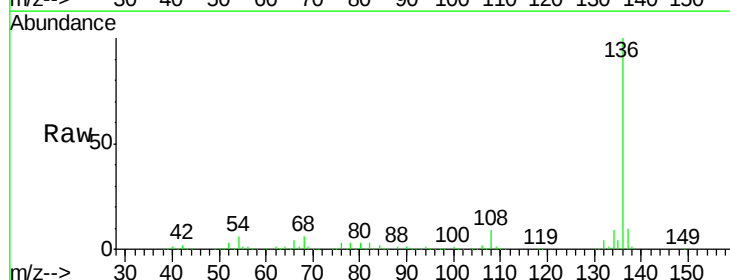
Ion Ratio Lower Upper

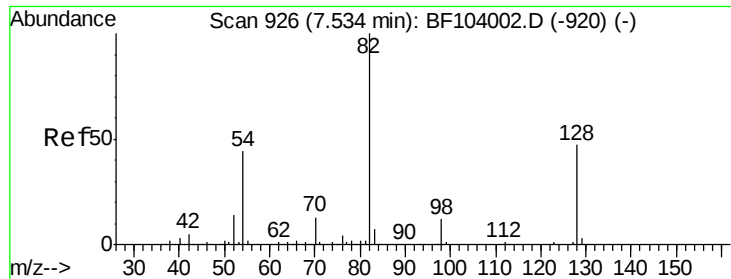
136 100

137 10.3 8.9 13.3

54 6.1 6.6 9.8#

68 5.7 5.0 7.4

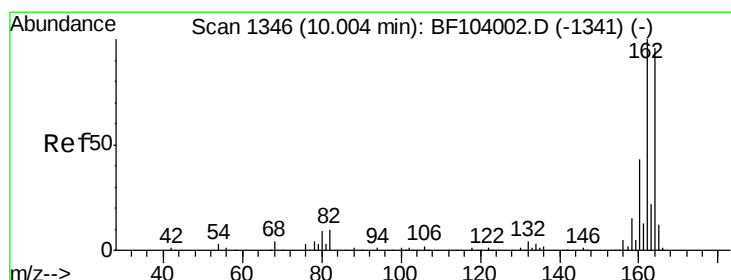
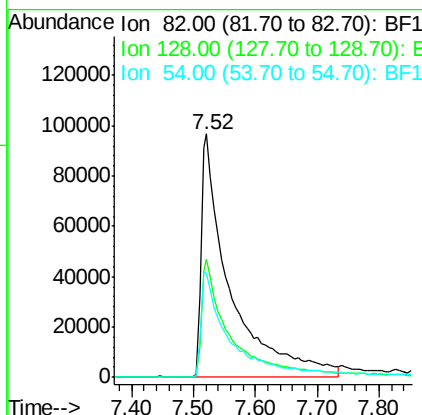
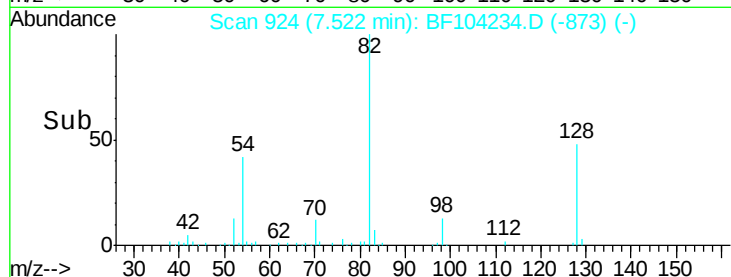
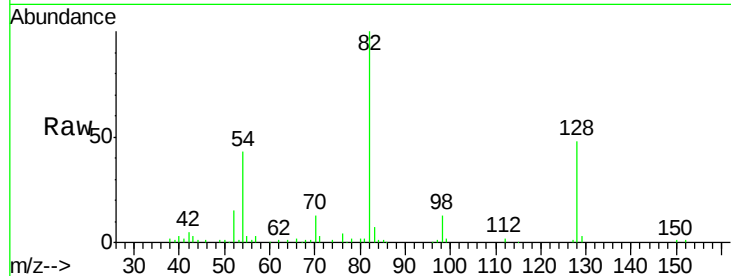




#23
 Nitrobenzene-d5
 Concen: 33.801 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

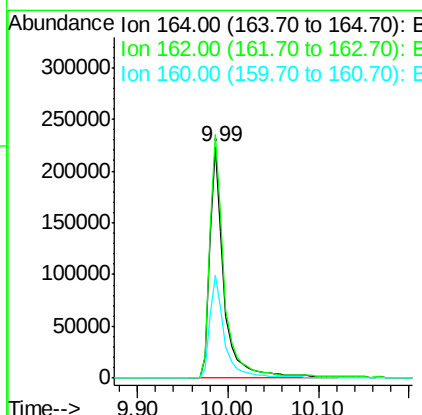
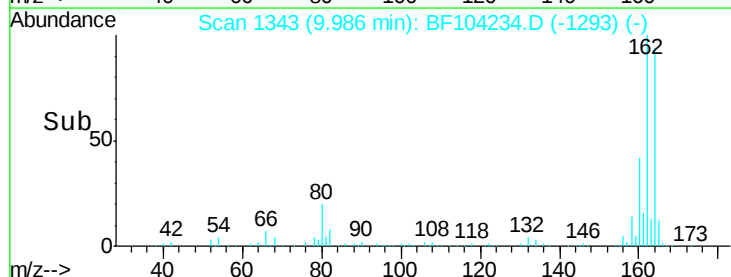
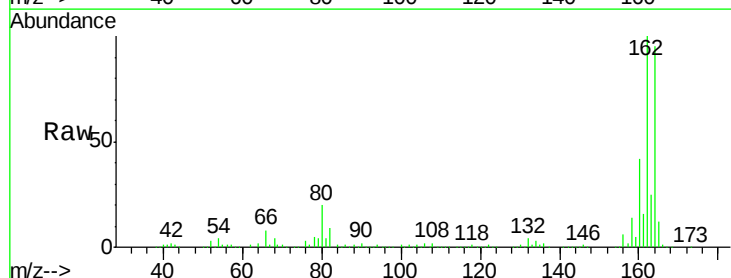
Instrument :
 BNA_F
 ClientSampleId :
 AU-06-040318-A

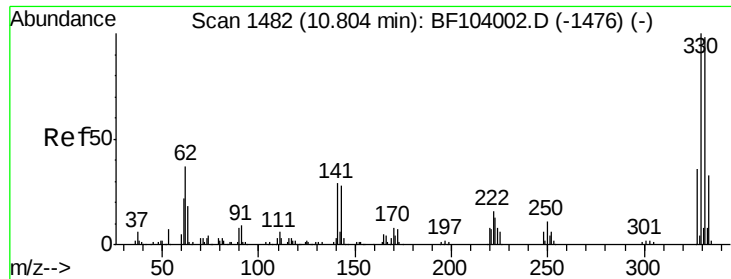
Tot Ion: 82 Resp: 314777
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 42.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Tgt Ion: 164 Resp: 251230
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 44.3 38.3 57.5

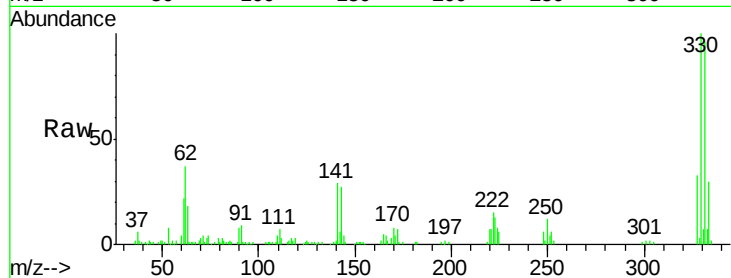




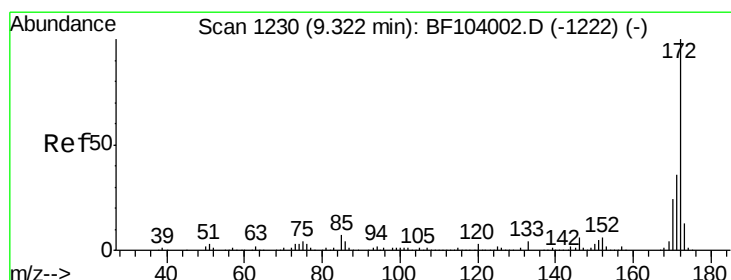
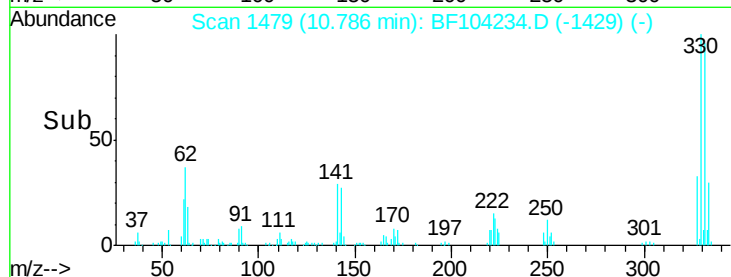
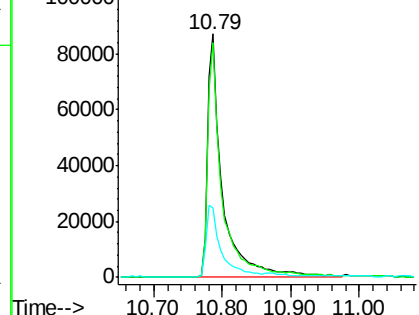
#41
 2,4,6-Tribromophenol
 Concen: 48.512 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-040318-A

Tot Ion:330 Resp: 135710
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 30.2 29.9 44.9

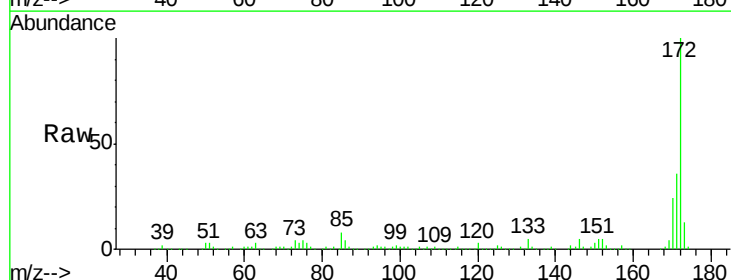


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

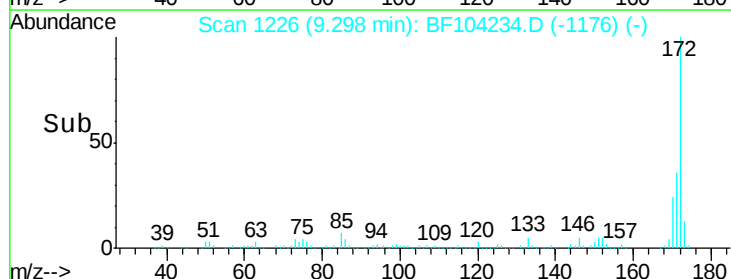
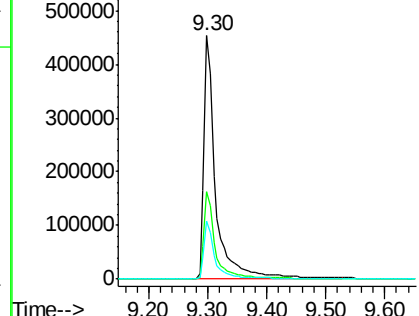


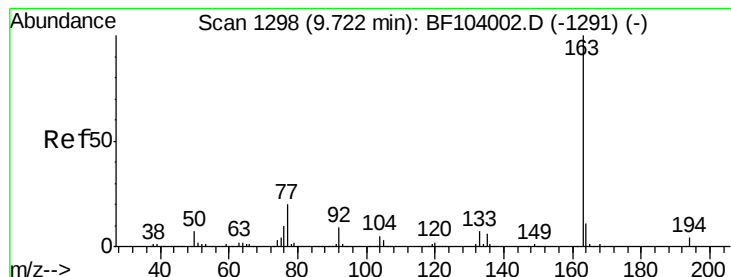
#44
 2-Fluorobiphenyl
 Concen: 39.520 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Tgt Ion:172 Resp: 629614
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.7 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: 2.785 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

AU-06-040318-A

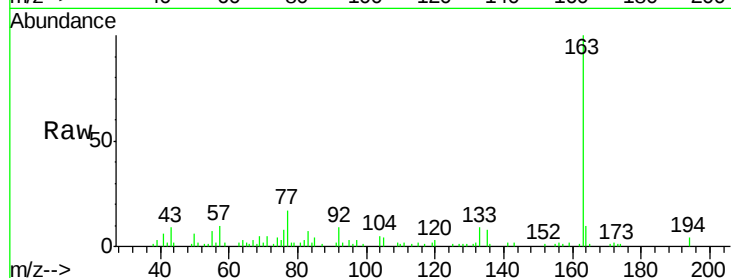
Tot Ion:163 Resp: 55243

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

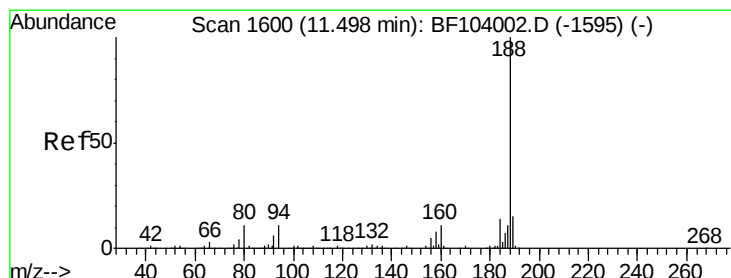
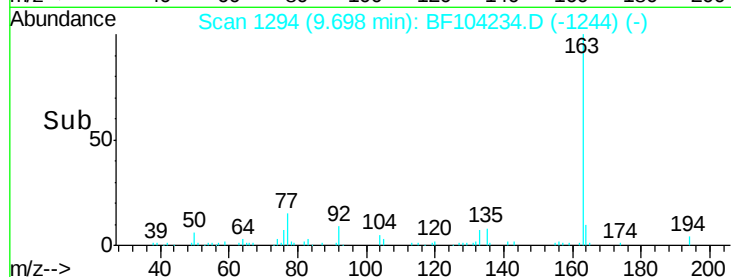
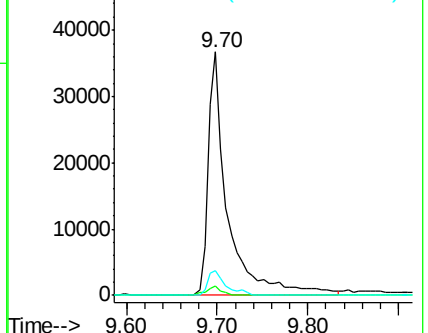
164 9.9 8.2 12.2



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: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

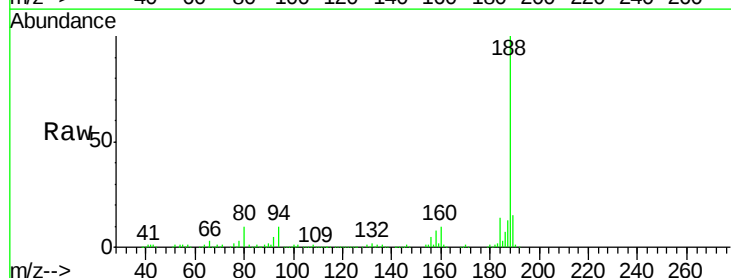
Tgt Ion:188 Resp: 418483

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

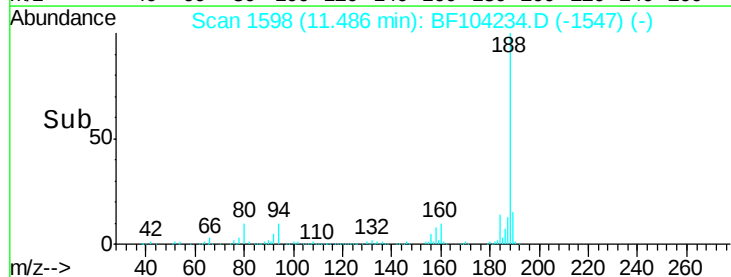
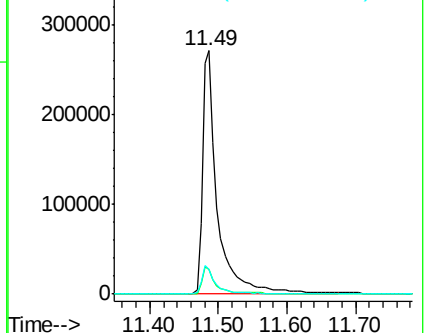
80 10.2 9.2 13.8

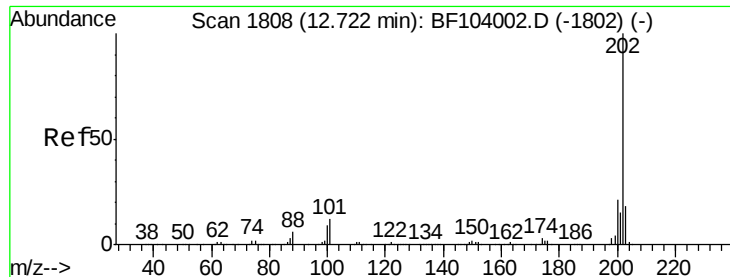


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

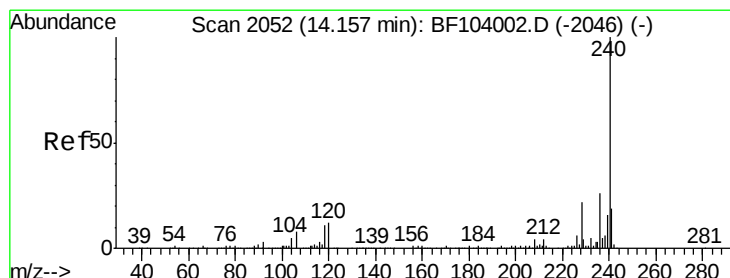
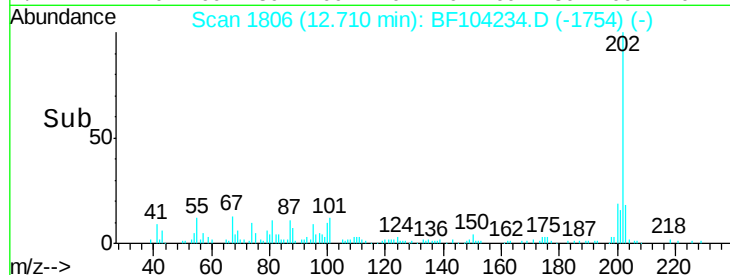
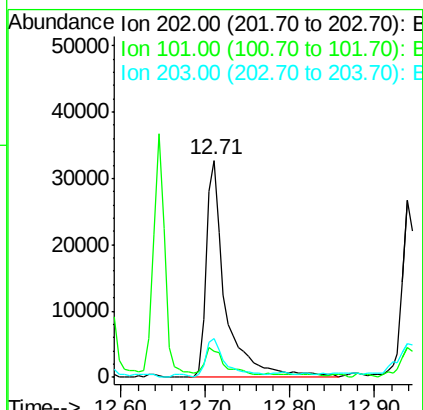
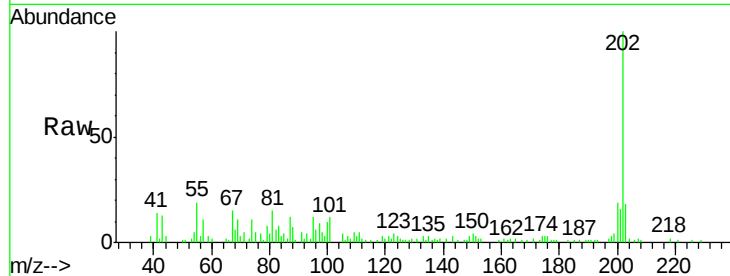




#74
 Fluoranthene
 Concen: 2.143 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

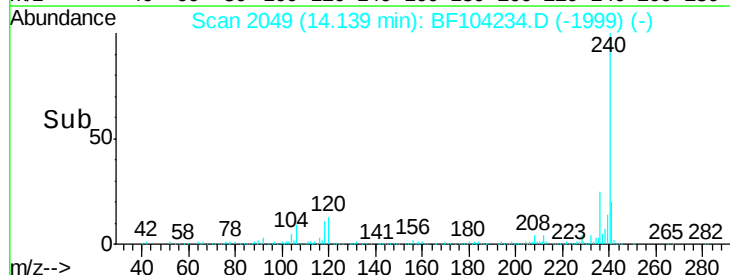
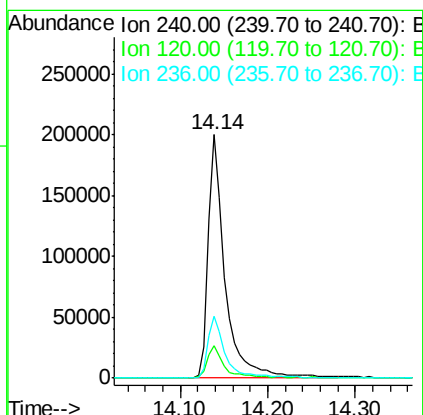
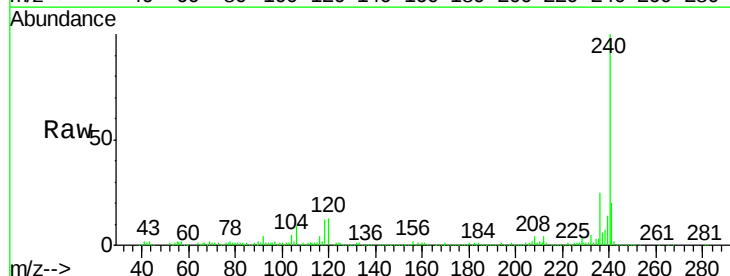
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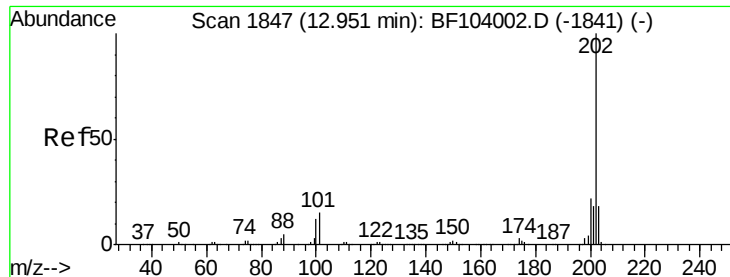
Tot Ion:202 Resp: 51616
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 34.1
 203 17.8 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Tgt Ion:240 Resp: 270549
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.2 20.7 31.1





#77

Pvrene

Concen: 2.056 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

AU-06-040318-A

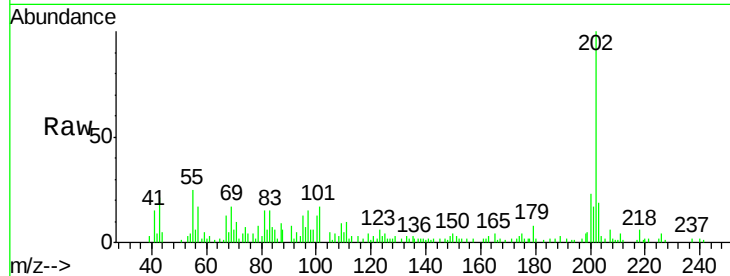
Tot Ion:202 Resp: 39979

Ion Ratio Lower Upper

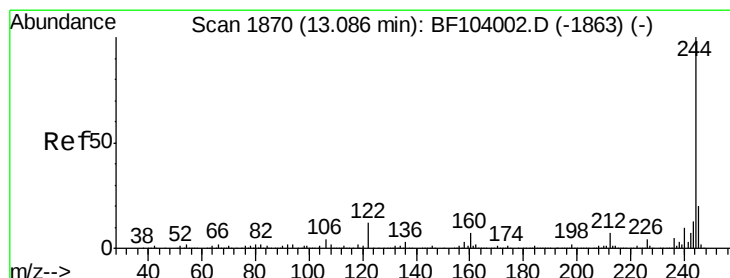
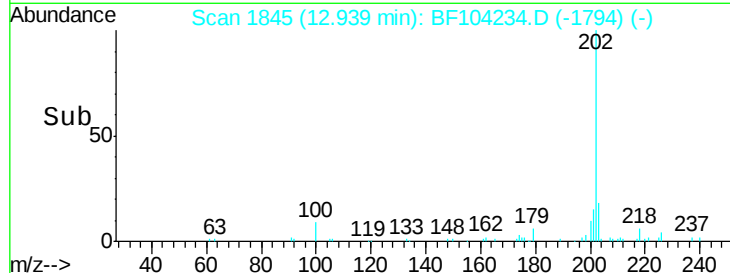
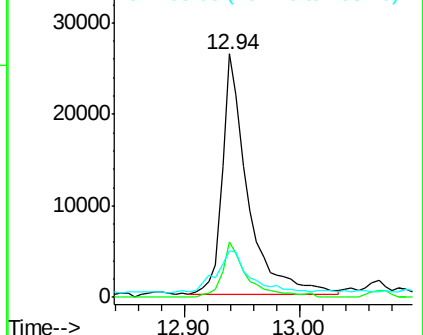
202 100

200 22.7 17.4 26.2

203 19.2 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



#78

Terphenyl-d14

Concen: 39.761 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104234.D

Acq: 4 Apr 2018 19:15

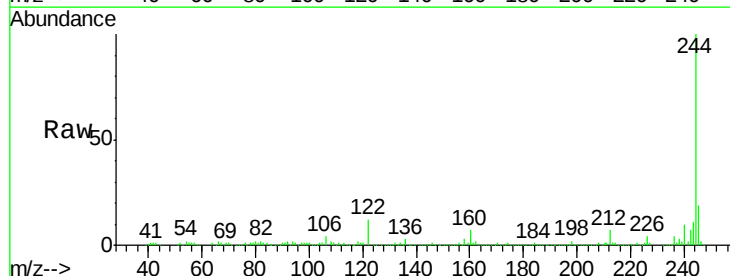
Tgt Ion:244 Resp: 465898

Ion Ratio Lower Upper

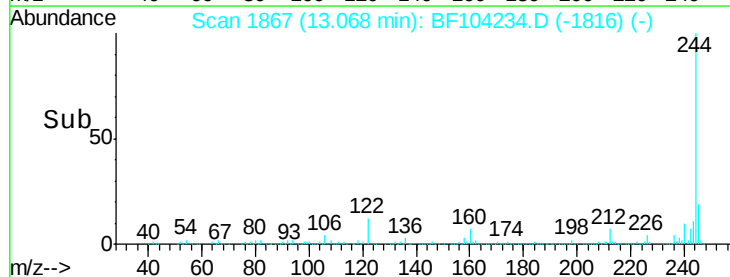
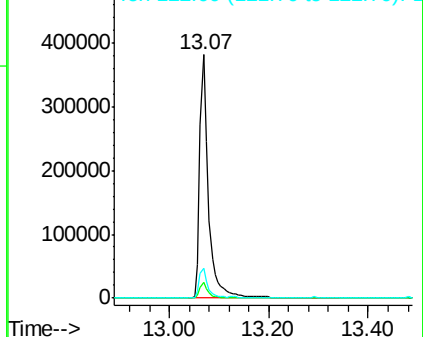
244 100

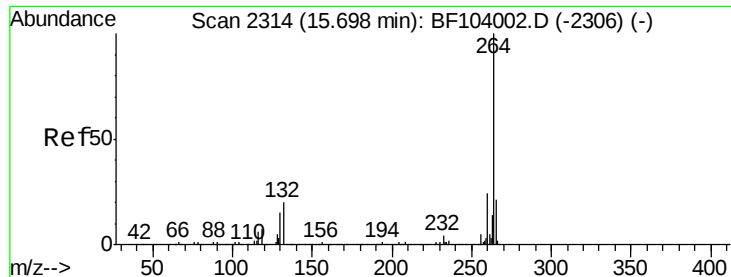
212 6.7 5.4 8.0

122 12.4 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

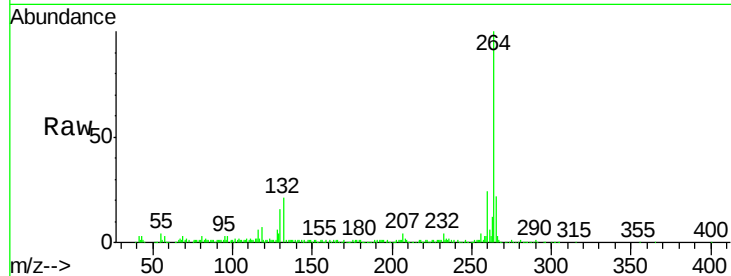




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104234.D
 Acq: 4 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-040318-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	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

