

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104014.D
 Acq On : 28 Mar 2018 17:11
 Operator : JU/SJ
 Sample : J2087-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530

Quant Time: Mar 28 18:06:31 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

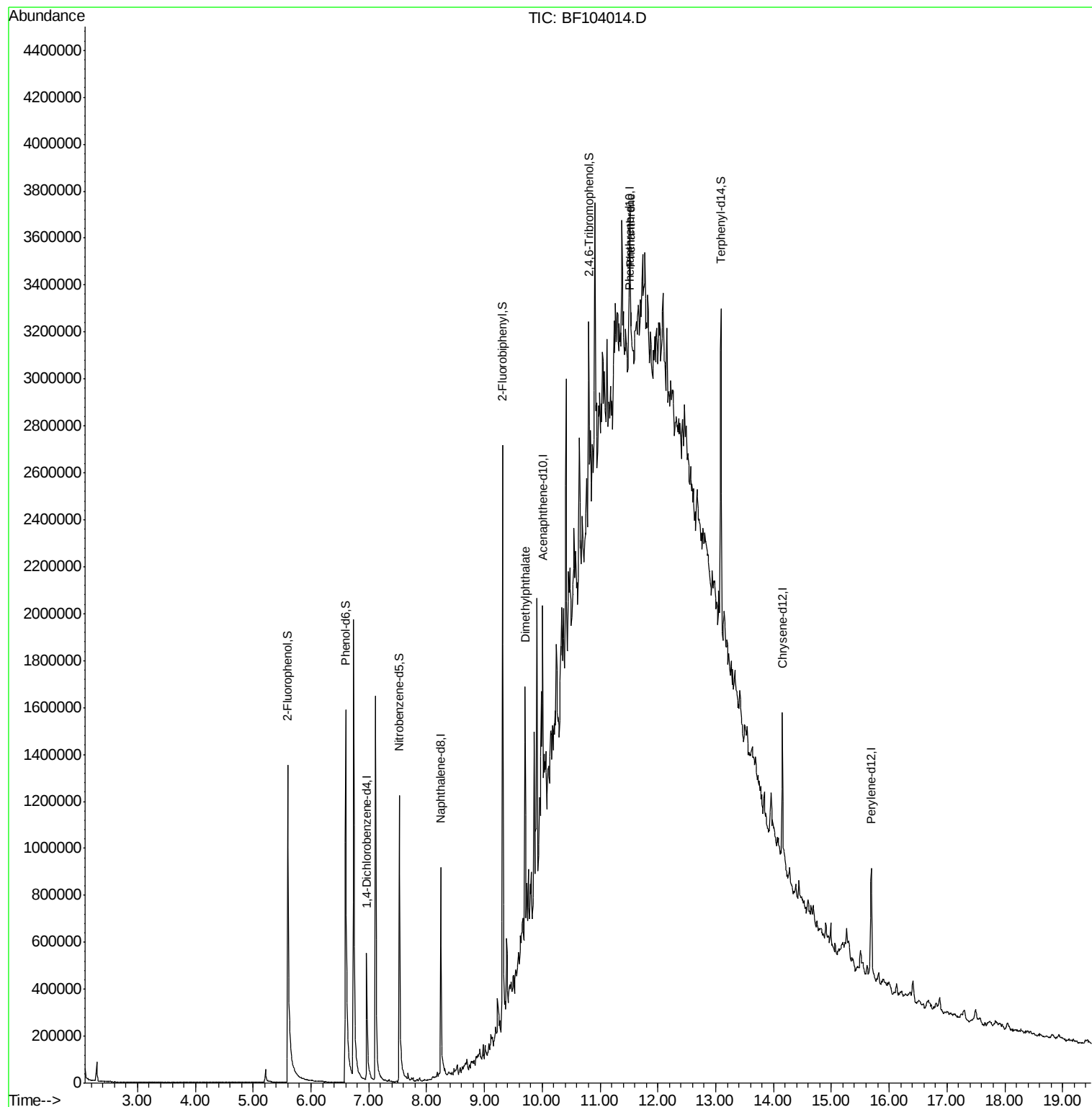
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	135891	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	541404	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	222533	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	282111	20.00	ng	0.01
75) Chrysene-d12	14.15	240	243385	20.00	ng	0.00
86) Perylene-d12	15.69	264	259745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	797801	93.63	ng	0.00
7) Phenol-d6	6.60	99	1029000	98.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	592619	66.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	179934	72.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	902521	63.95	ng	0.00
78) Terphenyl-d14	13.09	244	618271	58.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	78423	4.464	ng	# 88
70) Phenanthrene	11.53	178	30658	2.007	ng	# 62

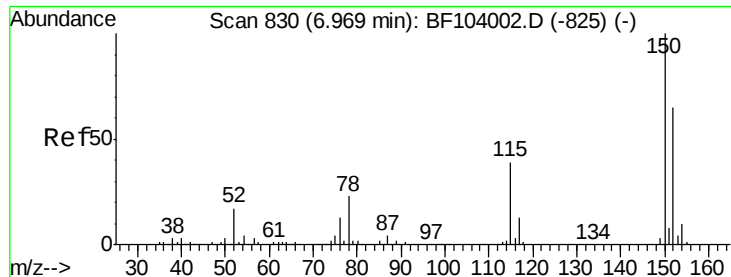
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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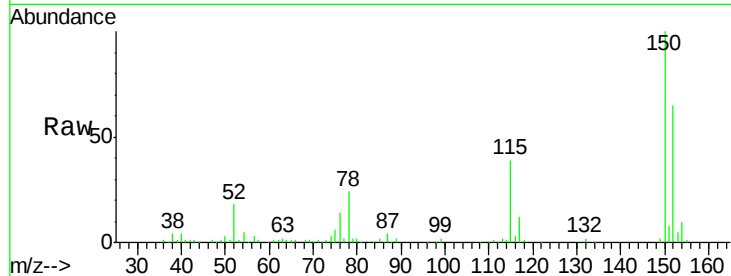


#1

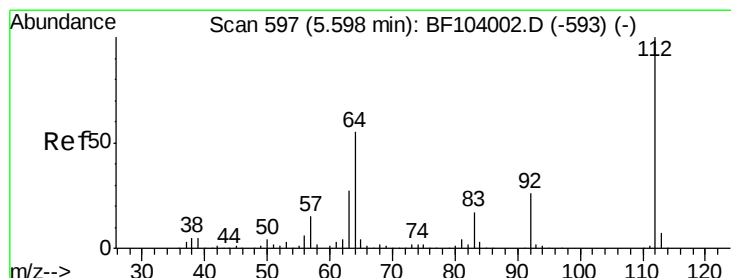
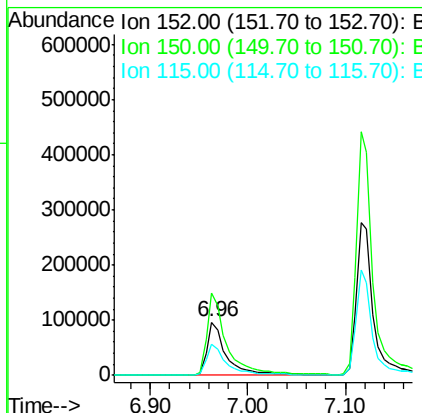
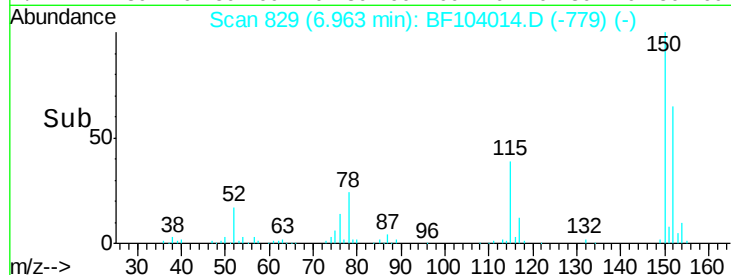
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530

Tot Ion:152 Resp: 135891
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.6 186.8
 115 59.2 50.1 75.1



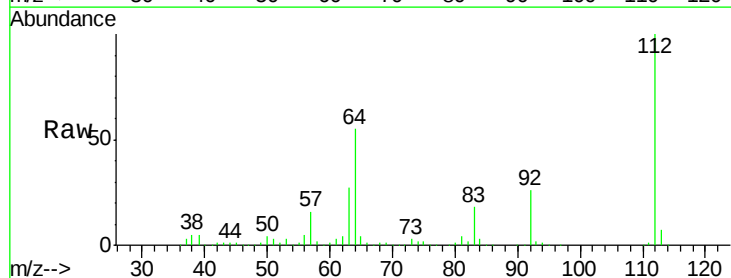
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



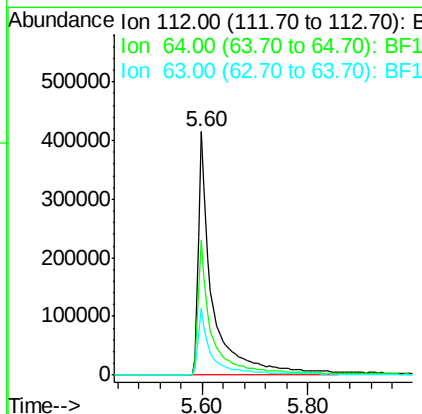
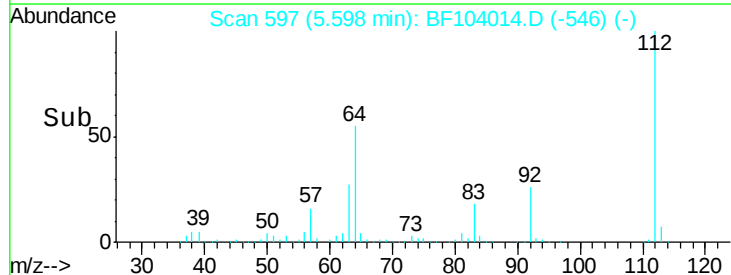
#5

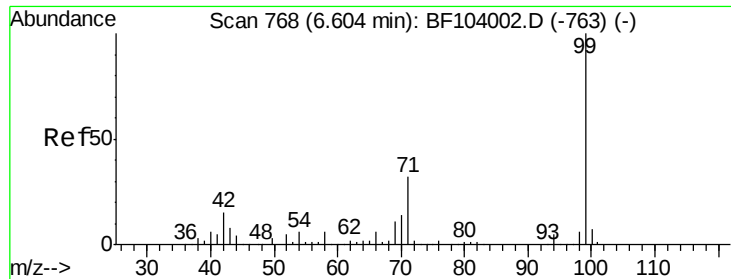
2-Fluorophenol
 Concen: 93.626 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

Tgt Ion:112 Resp: 797801
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 27.4 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: 98.153 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampleId :

JRS-RB201719RT-CV-2530

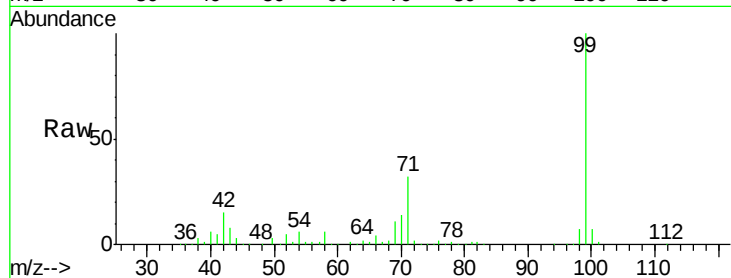
Tot Ion: 99 Resp: 1029000

Ion Ratio Lower Upper

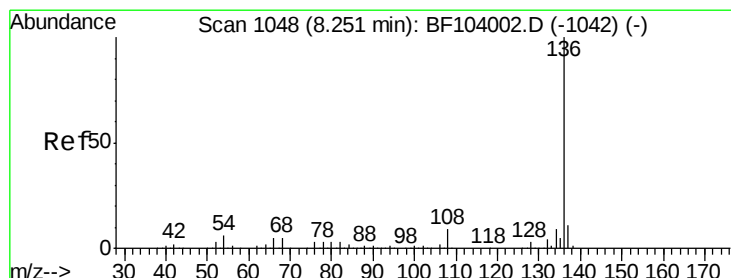
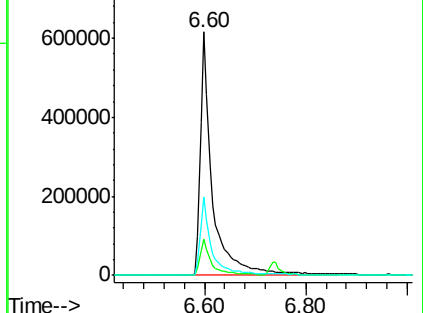
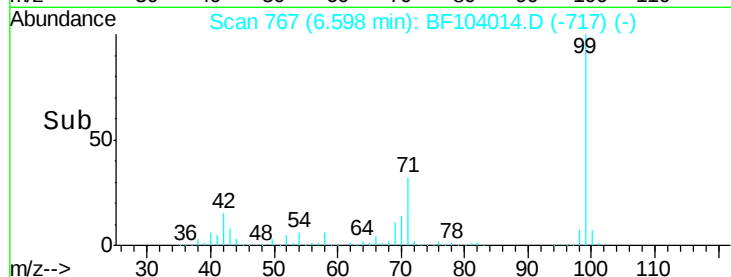
99 100

42 15.1 14.5 21.7

71 32.1 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: BF104014.D

Acq: 28 Mar 2018 17:11

Tgt Ion: 136 Resp: 541404

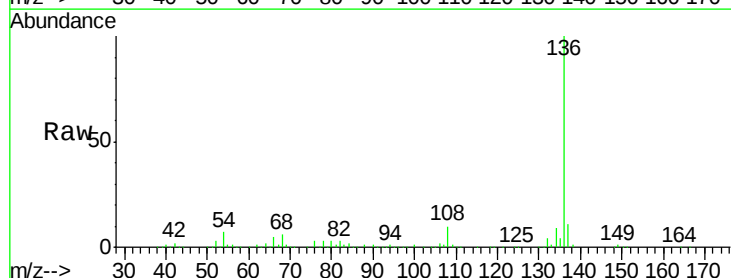
Ion Ratio Lower Upper

136 100

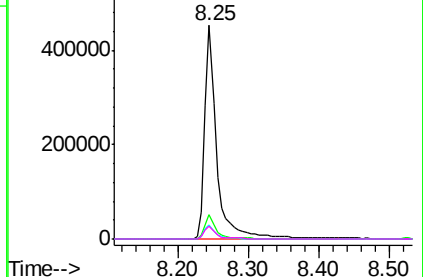
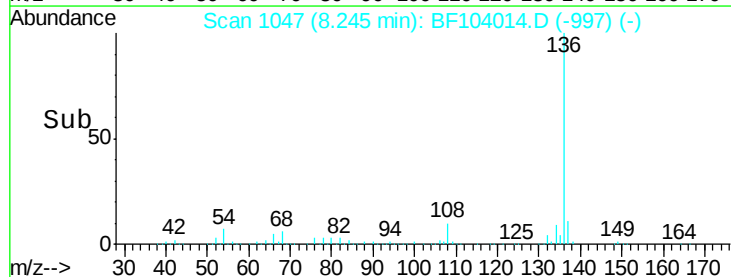
137 11.2 8.9 13.3

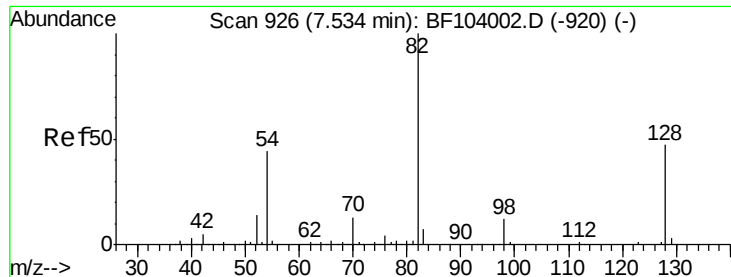
54 6.7 6.6 9.8

68 5.9 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

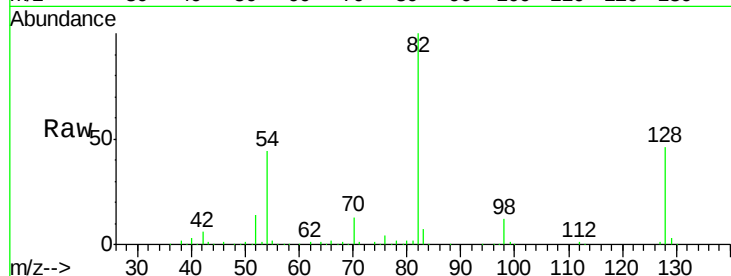




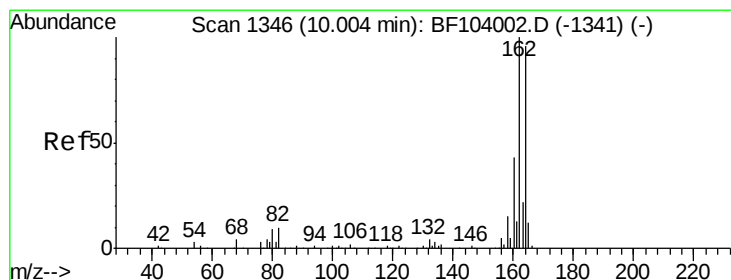
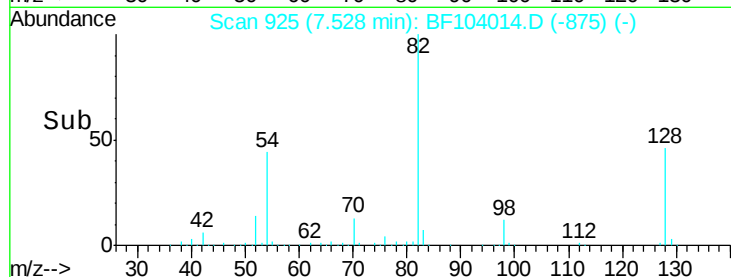
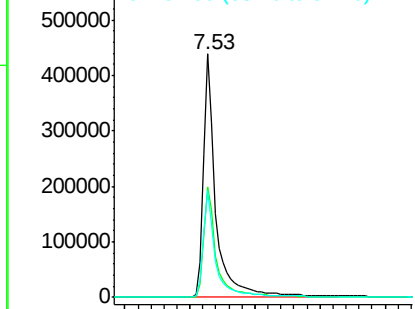
#23
Nitrobenzene-d5
Concen: 66.941 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530

Tot Ion: 82 Resp: 592619
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 43.7 41.4 62.2

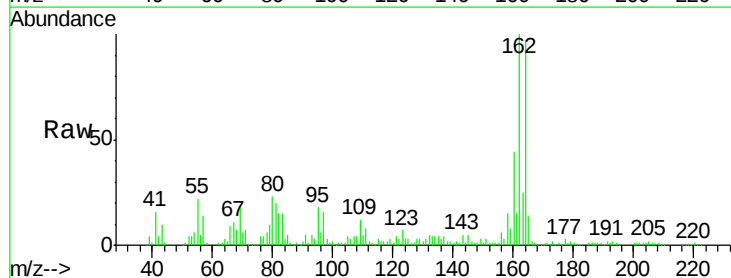


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

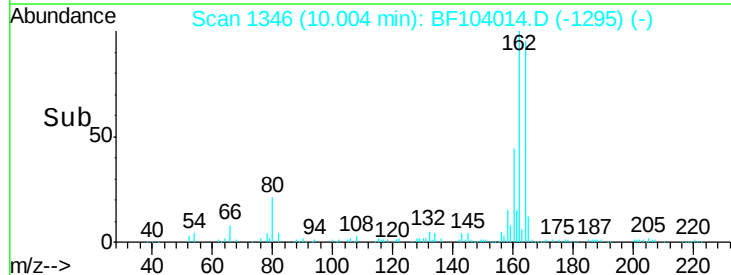
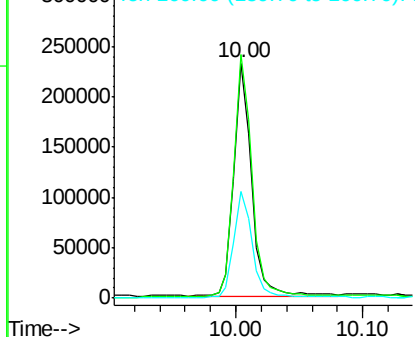


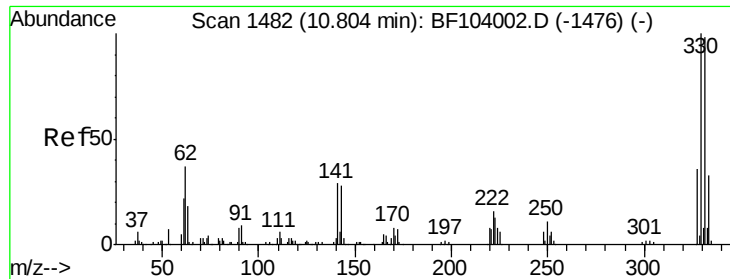
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:164 Resp: 222533
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

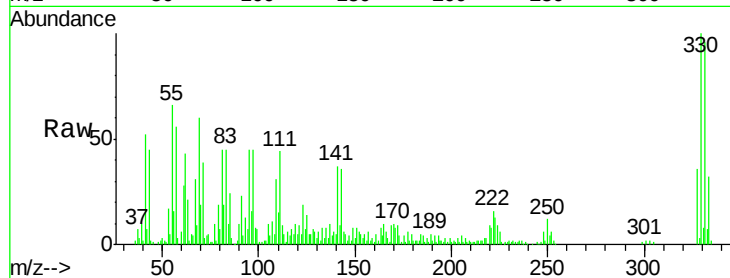




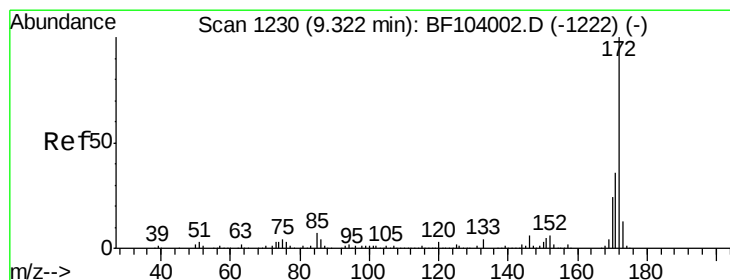
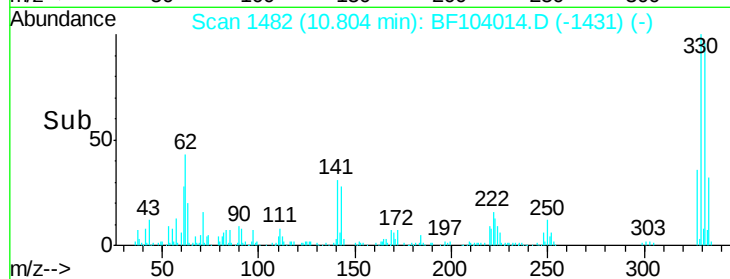
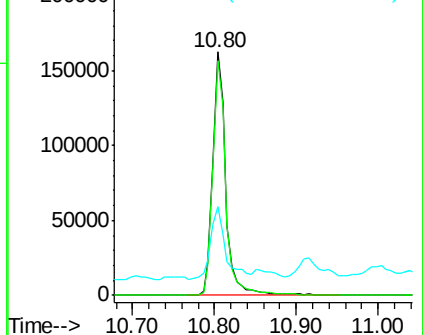
#41
 2,4,6-Tribromophenol
 Concen: 72.615 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530

Tot Ion:330 Resp: 179934
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 34.6 29.9 44.9

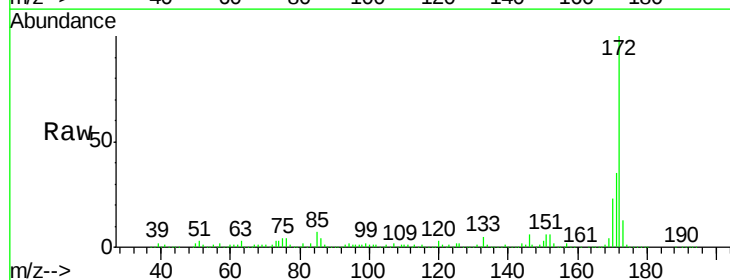


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

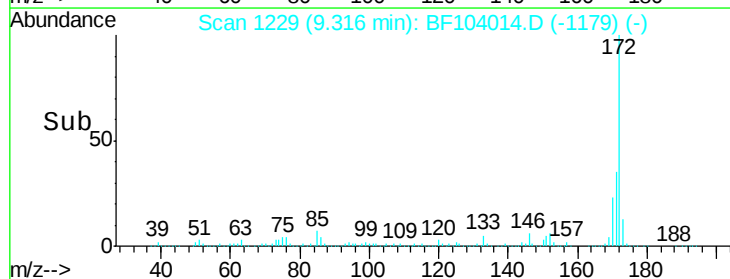
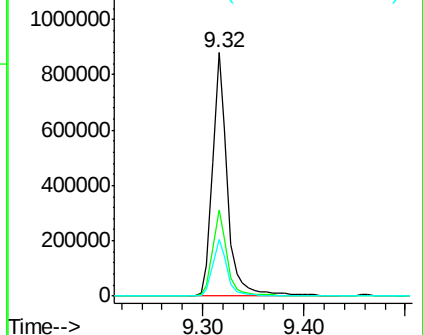


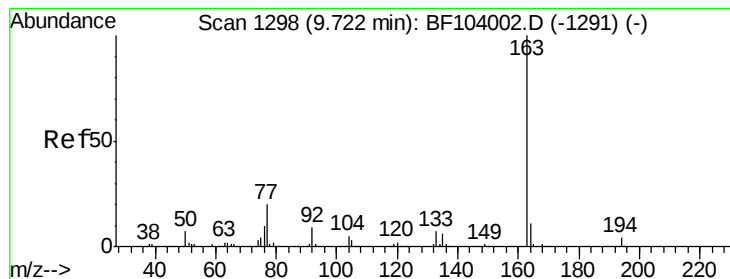
#44
 2-Fluorobiphenyl
 Concen: 63.955 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

Tgt Ion:172 Resp: 902521
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.1 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: 4.464 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampleId :

JRS-RB201719RT-CV-2530

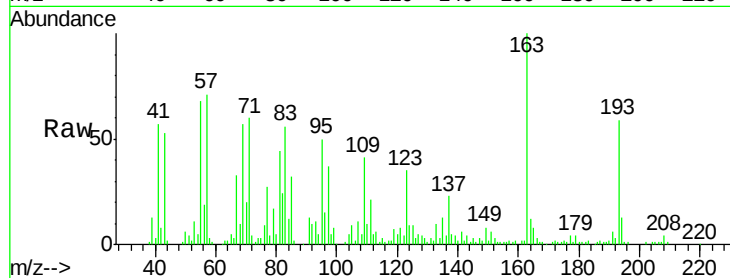
Tot Ion:163 Resp: 78423

Ion Ratio Lower Upper

163 100

194 13.5 2.7 4.1#

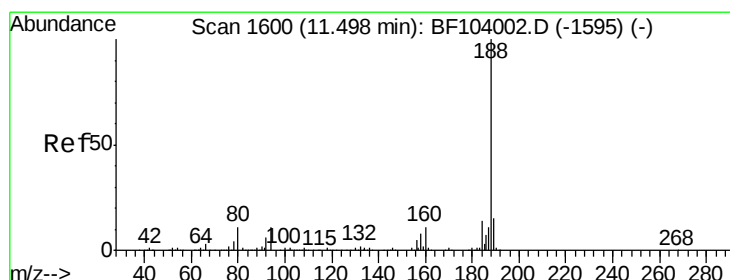
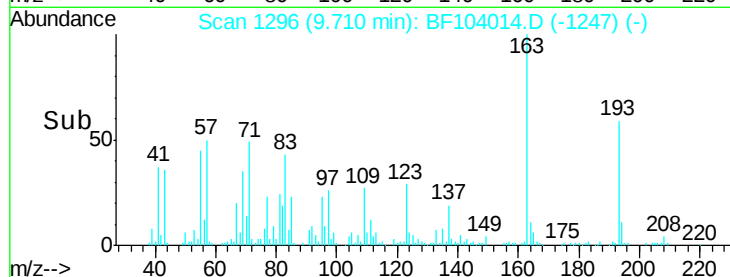
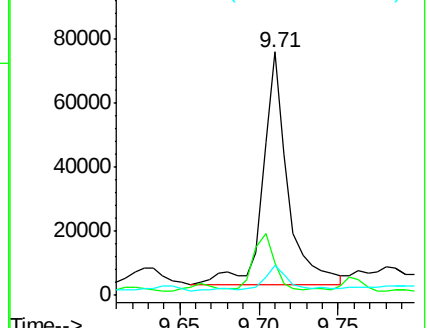
164 12.2 8.2 12.2



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: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

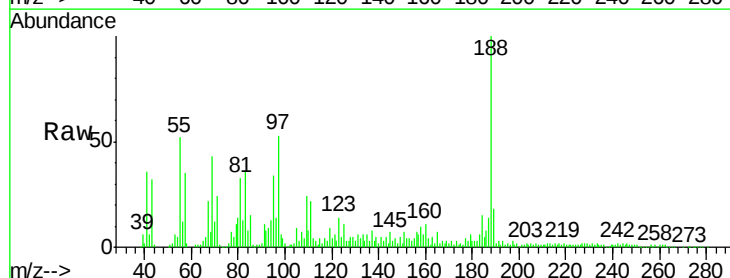
Tgt Ion:188 Resp: 282111

Ion Ratio Lower Upper

188 100

94 13.1 8.5 12.7#

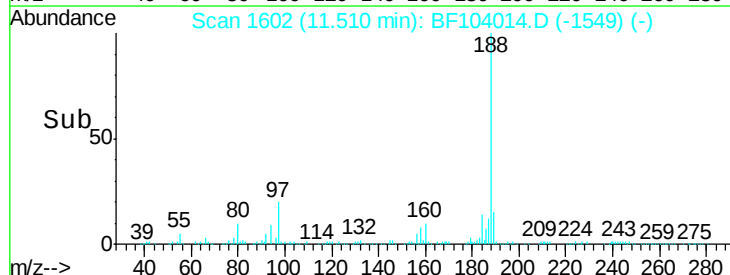
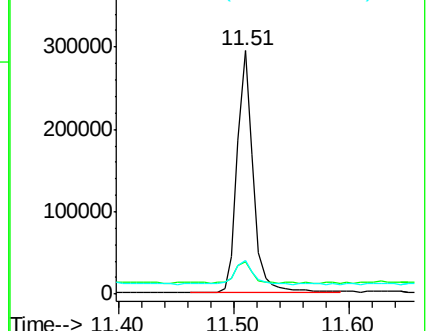
80 13.9 9.2 13.8#

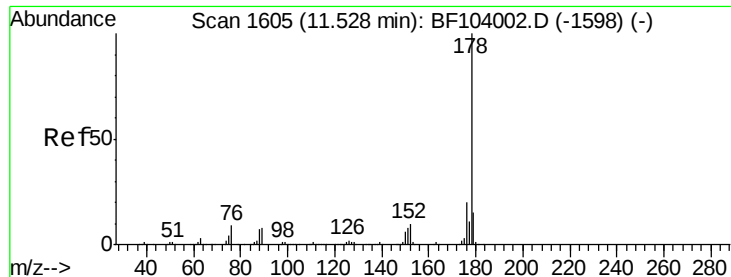


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.007 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

Instrument :

BNA_F

ClientSampleId :

JRS-RB201719RT-CV-2530

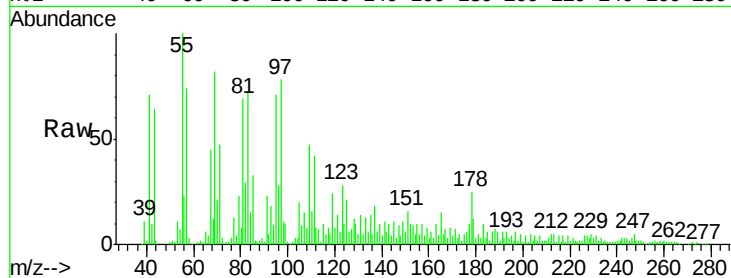
Tot Ion:178 Resp: 30658

Ion Ratio Lower Upper

178 100

176 24.3 15.8 23.8#

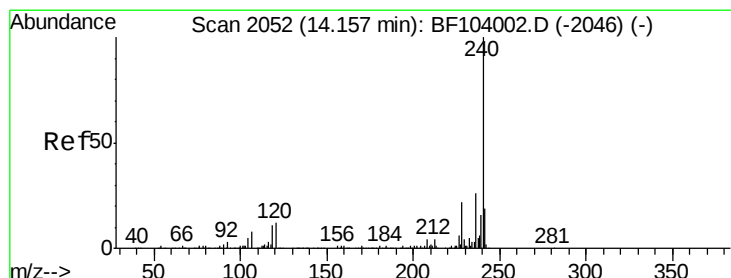
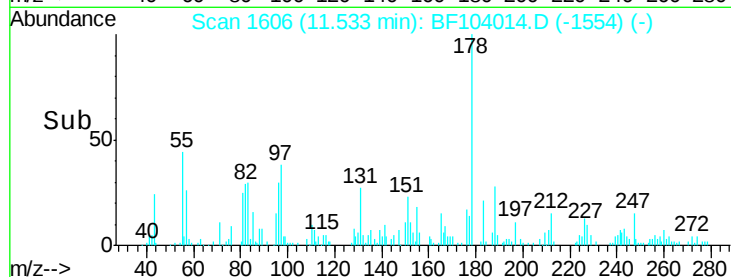
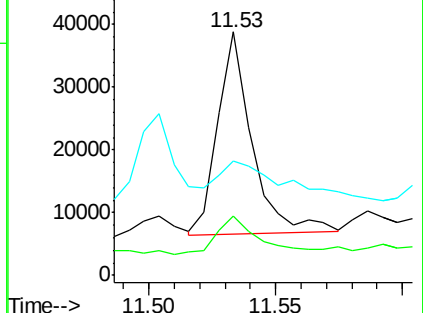
179 47.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104014.D

Acq: 28 Mar 2018 17:11

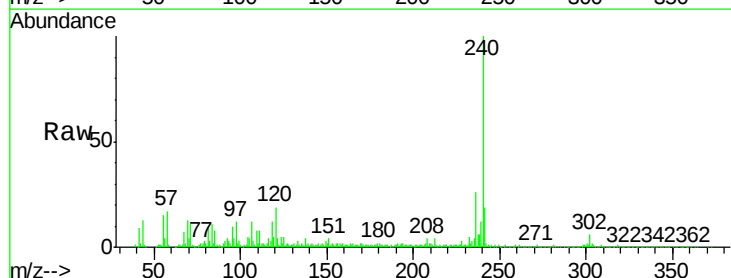
Tgt Ion:240 Resp: 243385

Ion Ratio Lower Upper

240 100

120 19.1 9.5 14.3#

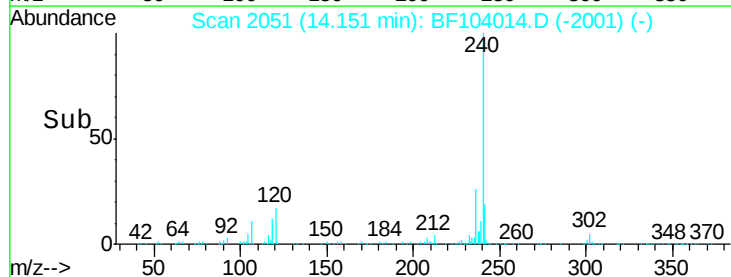
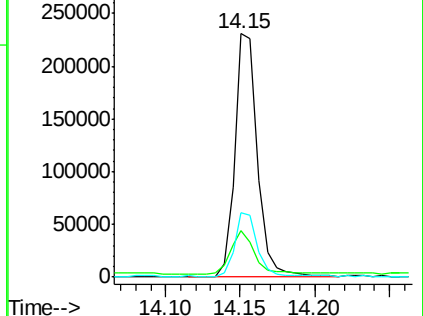
236 26.5 20.7 31.1

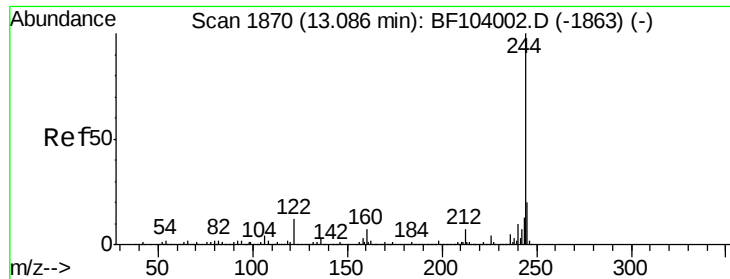


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

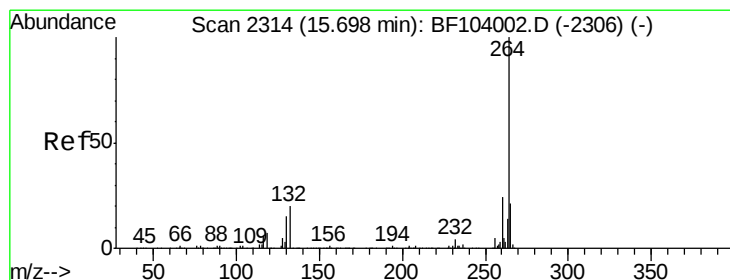
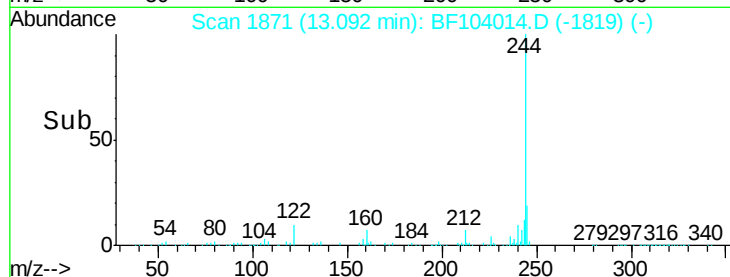
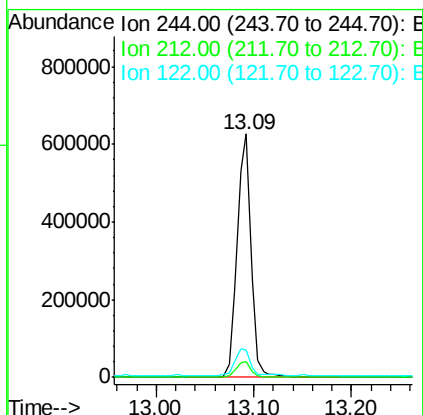
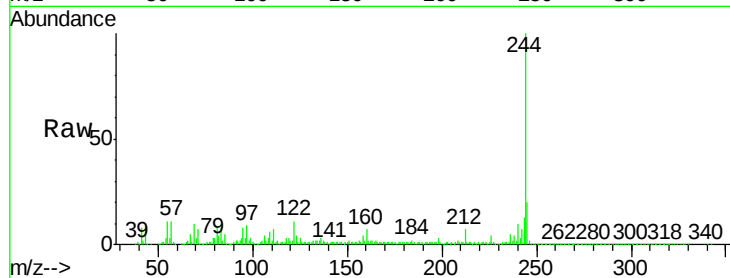




#78
 Terphenyl-d14
 Concen: 58.654 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :
 JRS-RB201719RT-CV-2530

Tot Ion:244 Resp: 618271
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104014.D
 Acq: 28 Mar 2018 17:11

Tgt Ion:264 Resp: 259745
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.9 17.5 26.3

