

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032825.D
 Acq On : 26 Feb 2018 17:09
 Operator : SJ/JU
 Sample : J1672-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977-72-11982

Quant Time: Feb 27 01:29:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

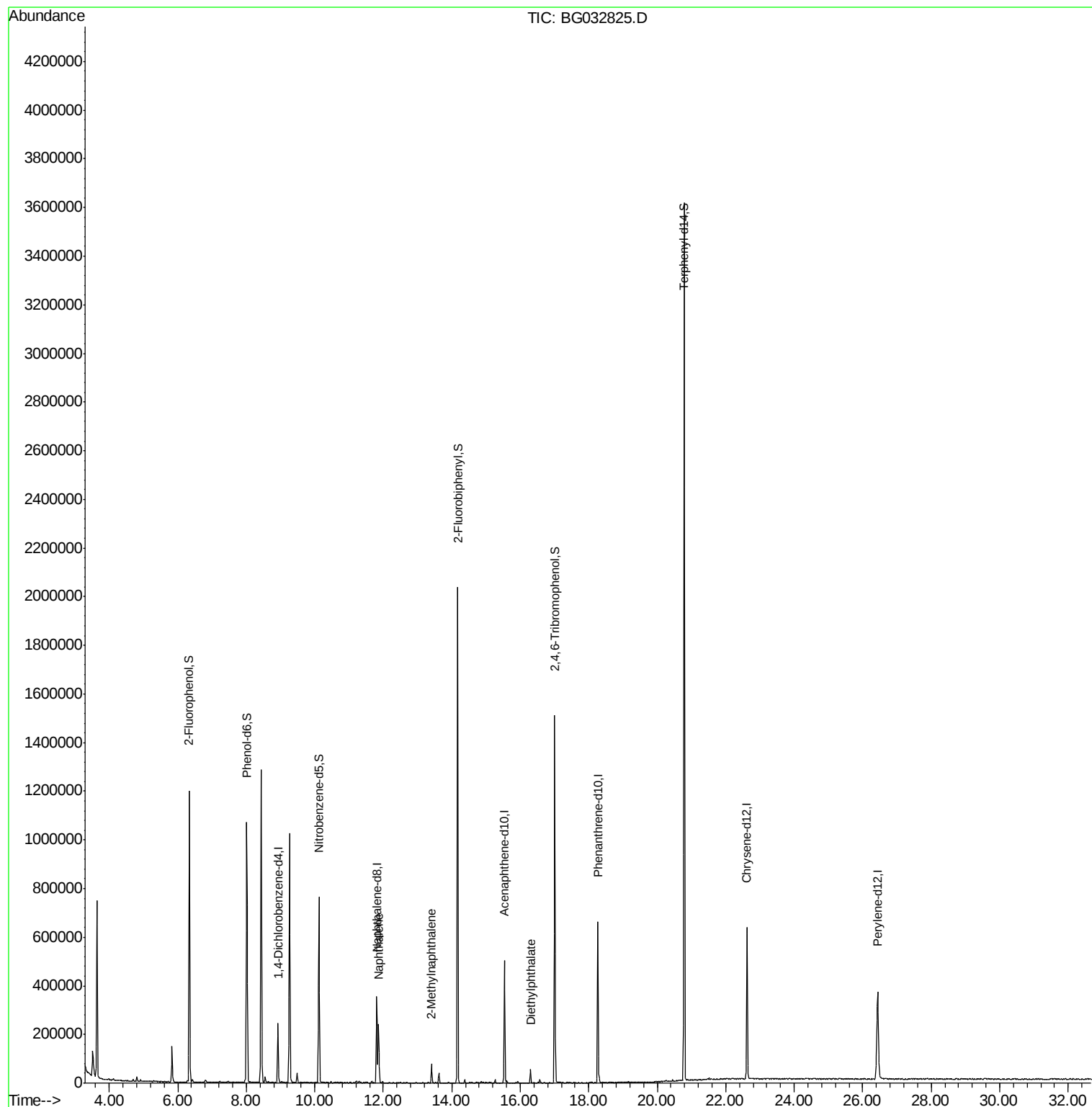
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	74559	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	324740	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179455	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	406304	20.00	ng	0.00
75) Chrysene-d12	22.62	240	399955	20.00	ng	-0.01
86) Perylene-d12	26.43	264	420653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	587272	126.01	ng	0.00
7) Phenol-d6	8.02	99	691541	106.46	ng	0.00
23) Nitrobenzene-d5	10.13	82	493278	103.03	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	281036	148.94	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1072881	86.23	ng	0.00
78) Terphenyl-d14	20.79	244	1636362	91.92	ng	0.00
Target Compounds						
31) Naphthalene	11.87	128	219160	12.915	ng	100
37) 2-Methylnaphthalene	13.41	142	38963	3.174	ng	89
59) Diethylphthalate	16.30	149	32684	2.034	ng	94

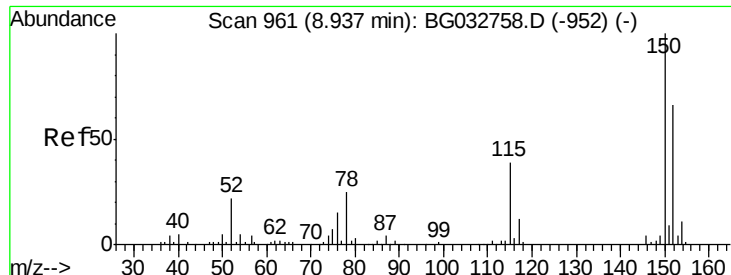
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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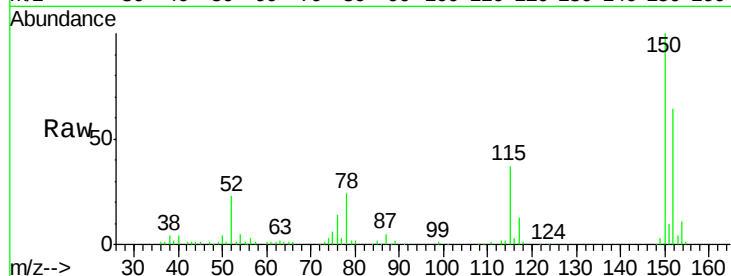


#1

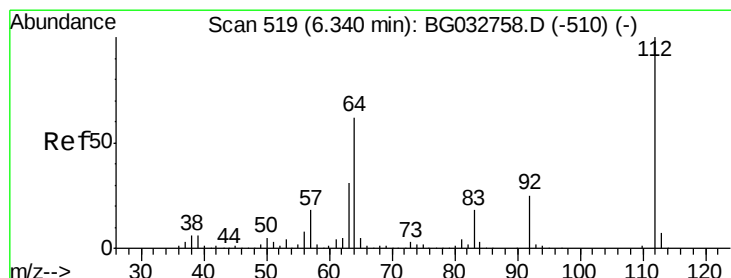
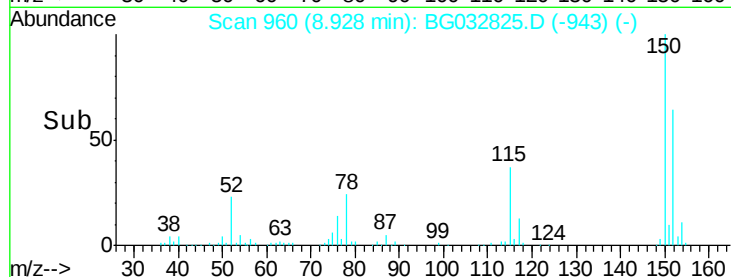
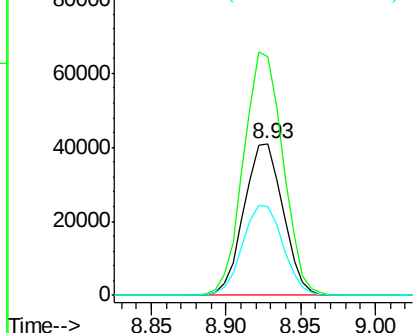
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032825.D
Acq: 26 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :
72-11977-72-11982

Tot Ion:152 Resp: 74559
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 58.6 53.0 79.4



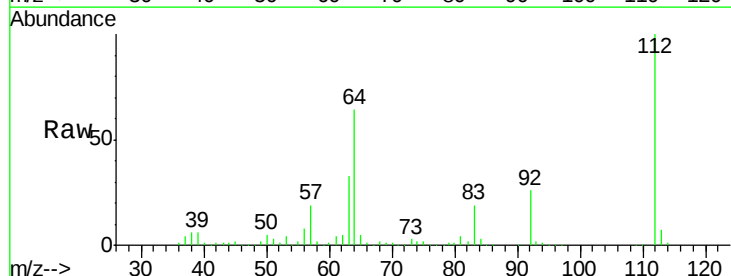
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



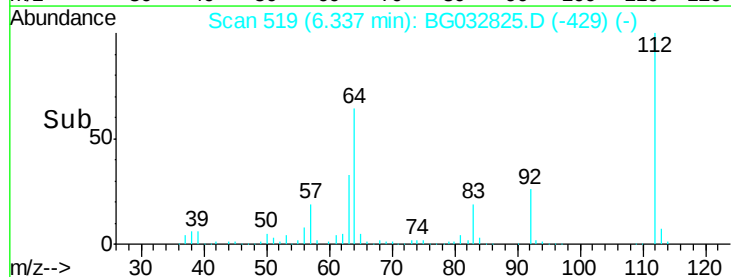
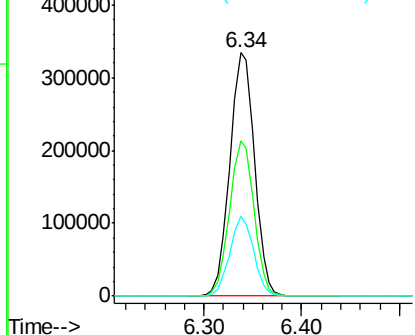
#5

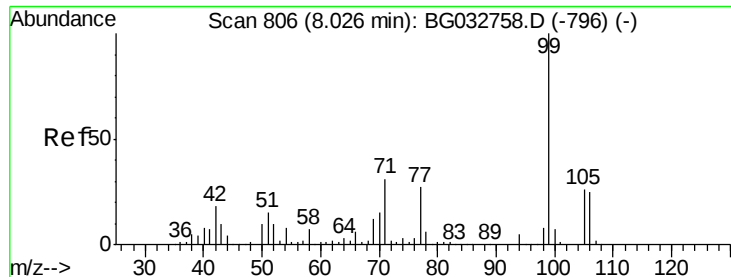
2-Fluorophenol
Concen: 126.014 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032825.D
Acq: 26 Feb 2018 17:09

Tgt Ion:112 Resp: 587272
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 32.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.458 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032825.D

Acq: 26 Feb 2018 17:09

Instrument :

BNA_G

ClientSampleId :

72-11977-72-11982

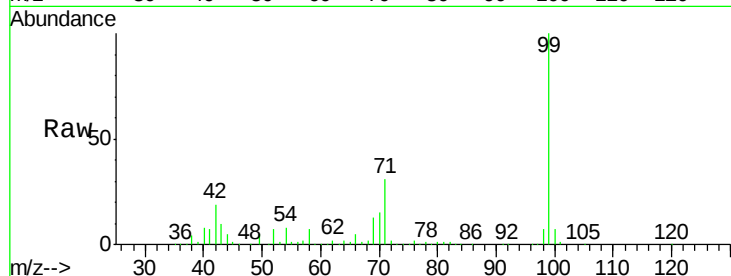
Tot Ion: 99 Resp: 691541

Ion Ratio Lower Upper

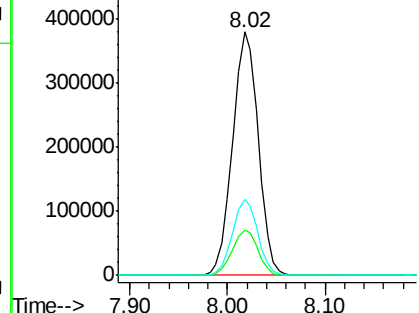
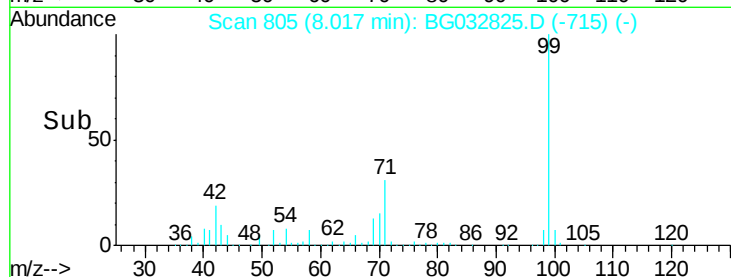
99 100

42 18.6 14.1 21.1

71 31.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG032825.D

Acq: 26 Feb 2018 17:09

Tgt Ion: 136 Resp: 324740

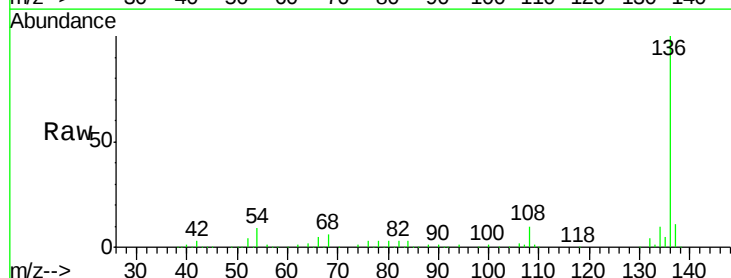
Ion Ratio Lower Upper

136 100

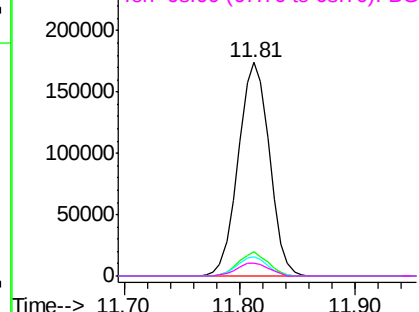
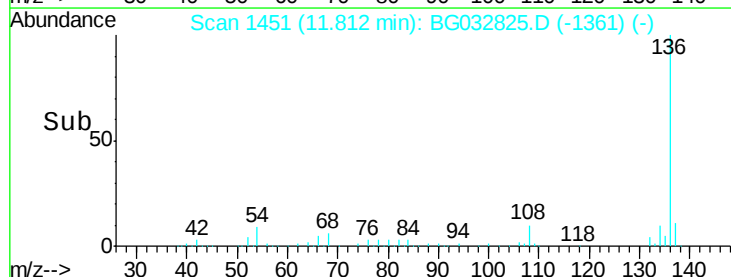
137 11.4 9.2 13.8

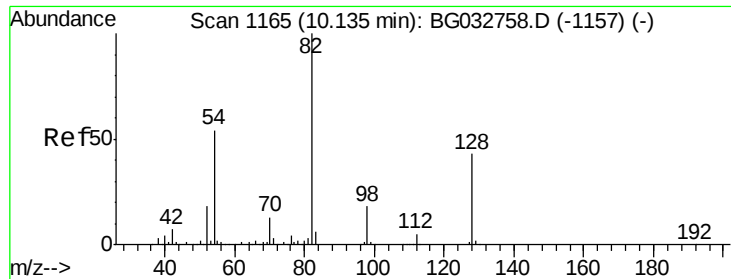
54 9.1 10.3 15.5#

68 6.2 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

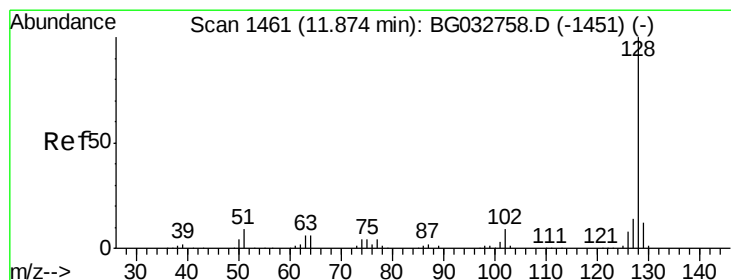
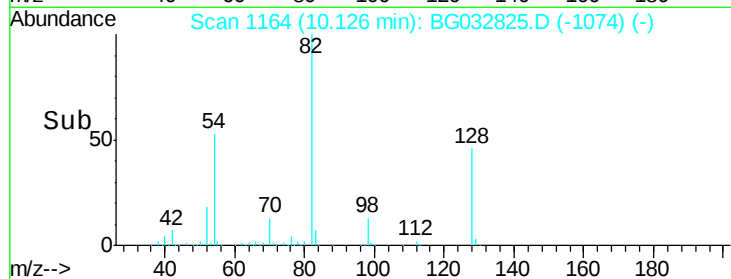
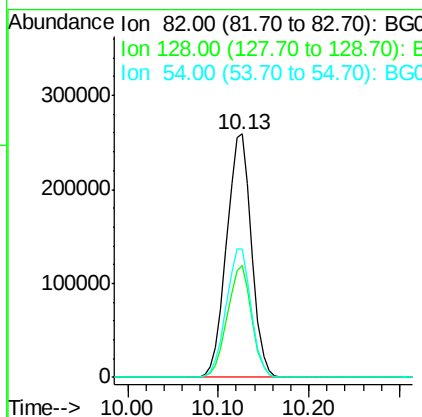
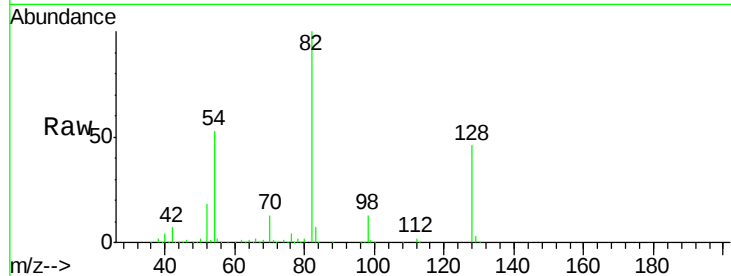




#23
Nitrobenzene-d5
Concen: 103.031 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032825.D
Acq: 26 Feb 2018 17:09

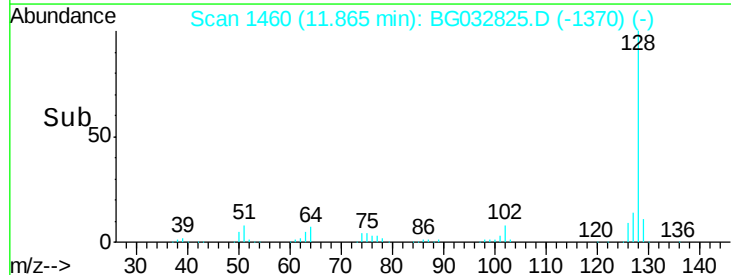
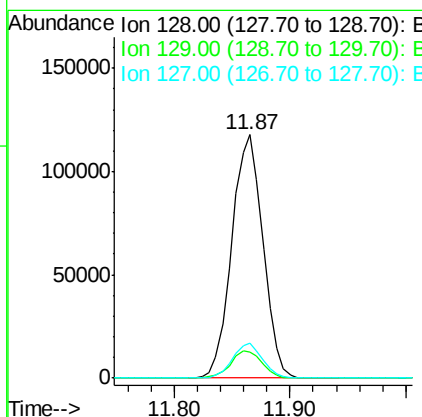
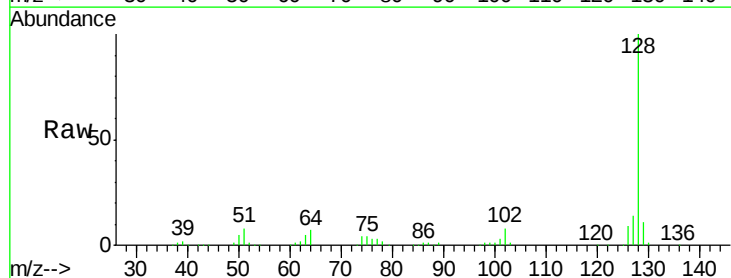
Instrument :
BNA_G
ClientSampleId :
72-11977-72-11982

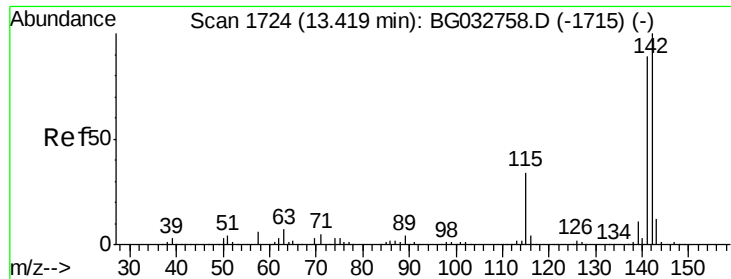
Tot Ion	82	Resp	493278
Ion Ratio	Lower	Upper	
82	100		
128	45.8	29.7	44.5#
54	52.9	43.1	64.7



#31
Naphthalene
Concen: 12.915 ng
RT: 11.87 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG032825.D
Acq: 26 Feb 2018 17:09

Tgt Ion	128	Resp	219160
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	14.4	11.6	17.4

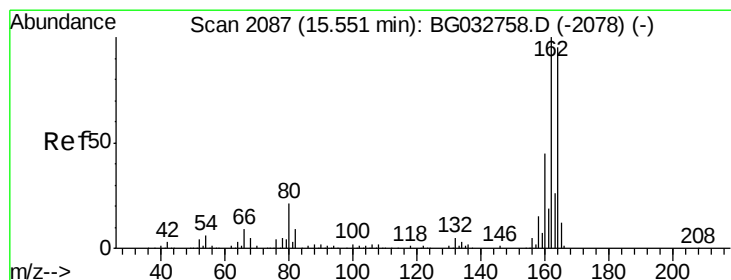
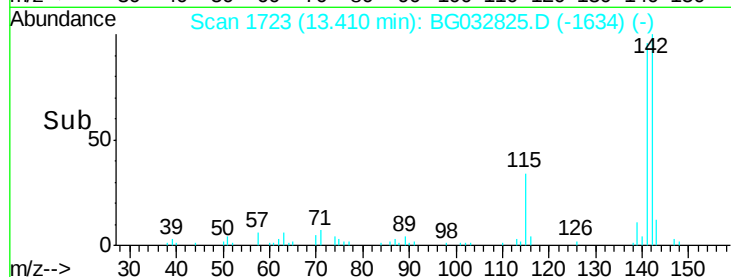
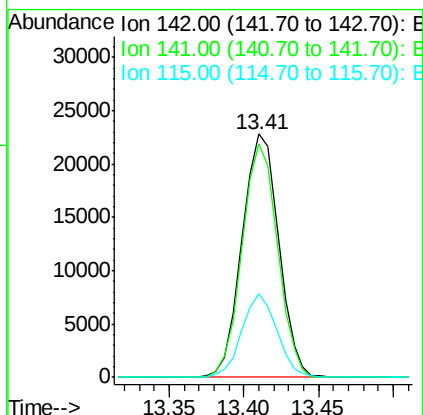
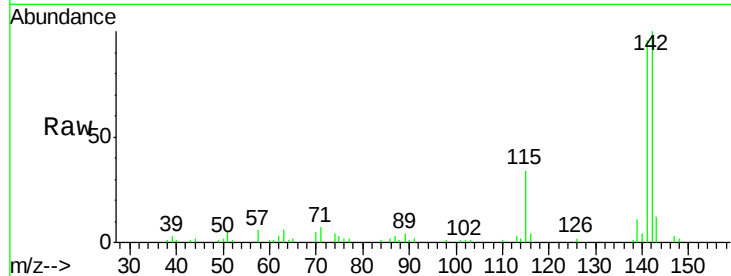




#37
 2-Methylnaphthalene
 Concen: 3.174 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG032825.D
 Acq: 26 Feb 2018 17:09

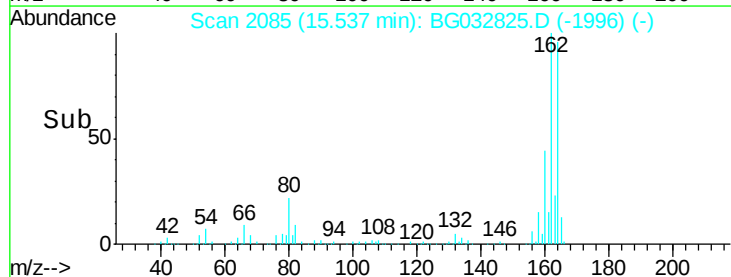
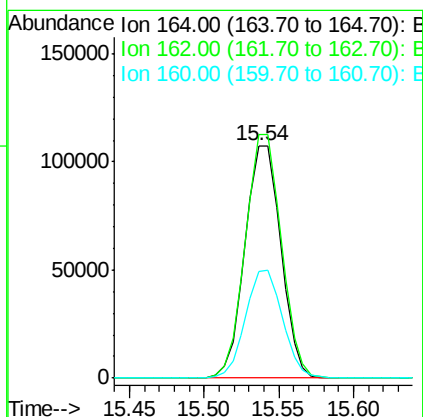
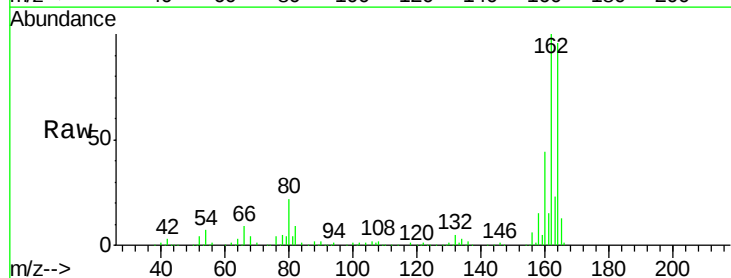
Instrument :
 BNA_G
 ClientSampleId :
 72-11977-72-11982

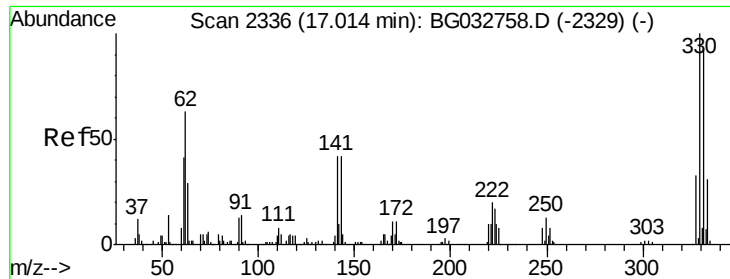
Tot Ion:142 Resp: 38963
 Ion Ratio Lower Upper
 142 100
 141 95.7 67.1 100.7
 115 34.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG032825.D
 Acq: 26 Feb 2018 17:09

Tgt Ion:164 Resp: 179455
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 46.1 35.4 53.0

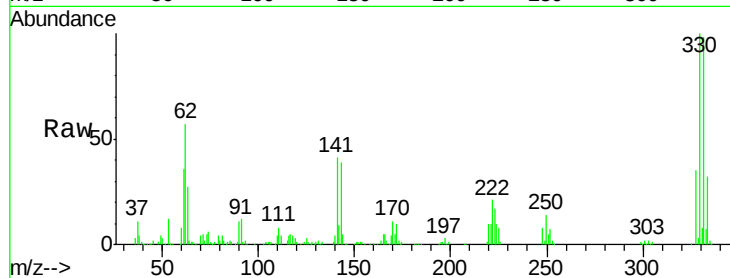




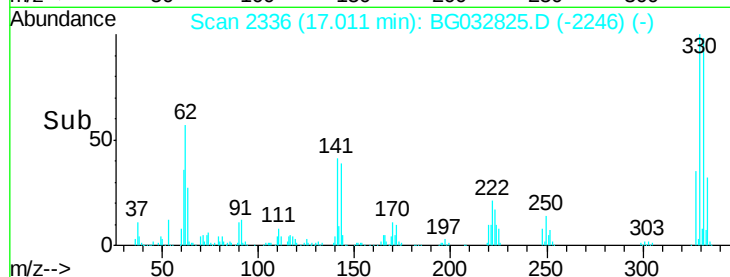
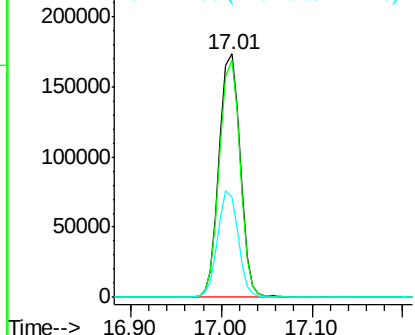
#41
 2,4,6-Tribromophenol
 Concen: 148.940 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032825.D
 Acq: 26 Feb 2018 17:09

Instrument :
 BNA_G
 ClientSampleId :
 72-11977-72-11982

Tot Ion:330 Resp: 281036
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 42.4 25.2 37.8#

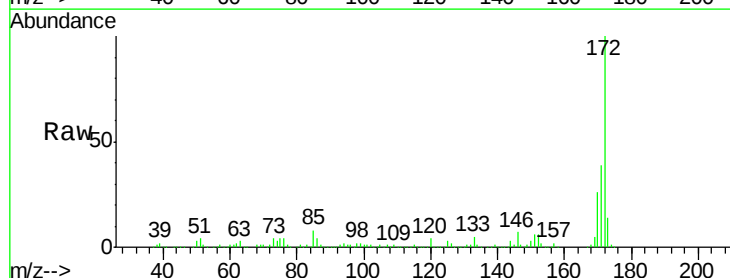


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

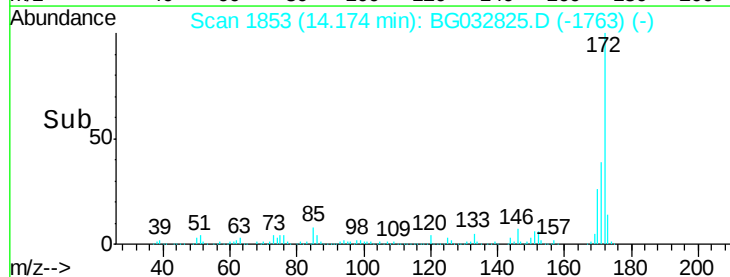
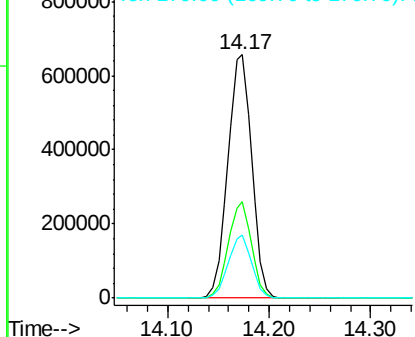


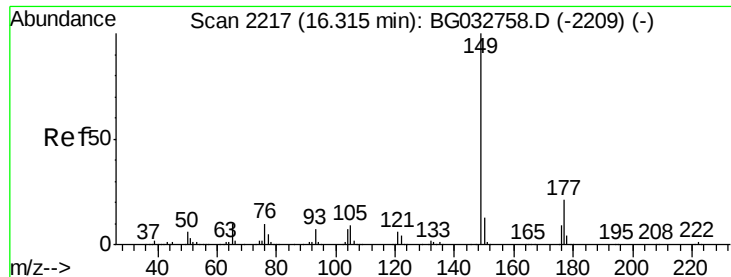
#44
 2-Fluorobiphenyl
 Concen: 86.226 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BG032825.D
 Acq: 26 Feb 2018 17:09

Tgt Ion:172 Resp: 1072881
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.0 45.0
 170 25.9 19.5 29.3



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

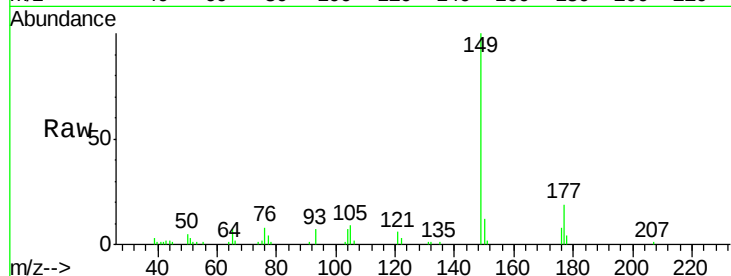




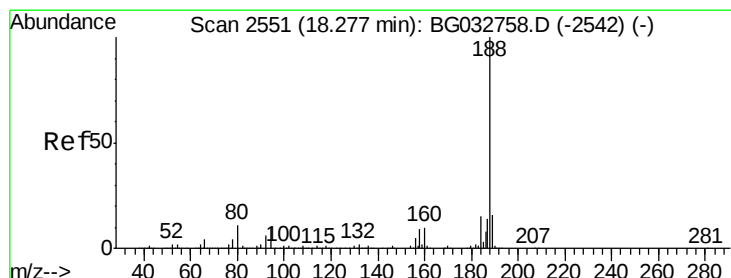
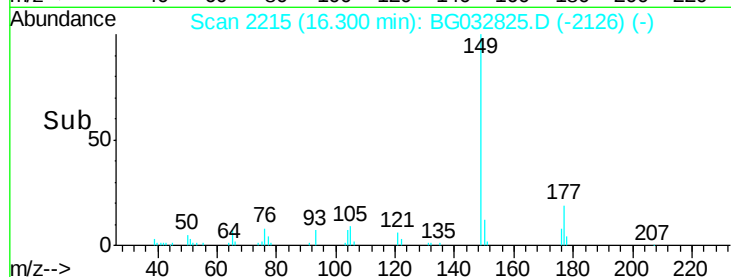
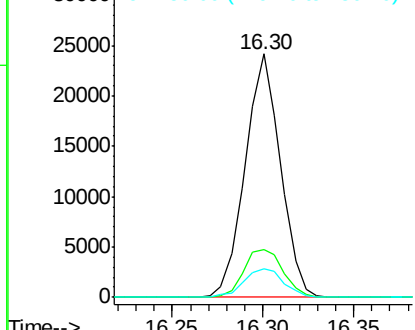
#59
Diethylphthalate
Concen: 2.034 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG032825.D
Acq: 26 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :
72-11977-72-11982

Tot Ion:149 Resp: 32684
Ion Ratio Lower Upper
149 100
177 19.4 18.5 27.7
150 11.9 10.2 15.2

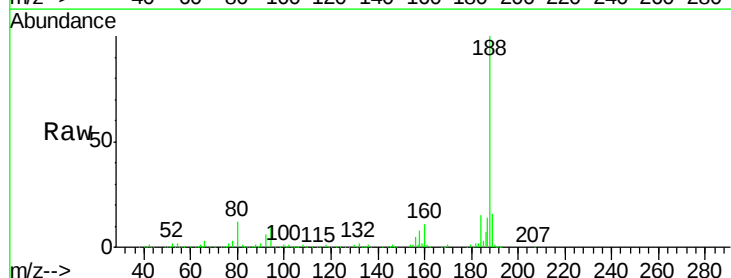


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

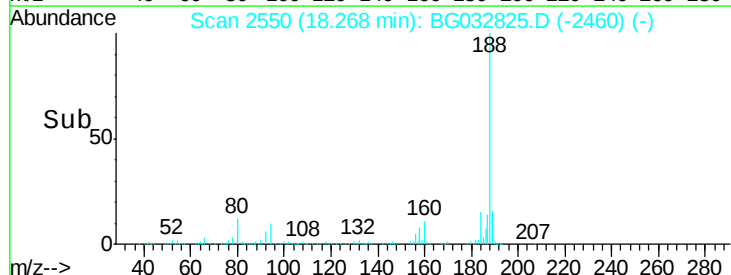
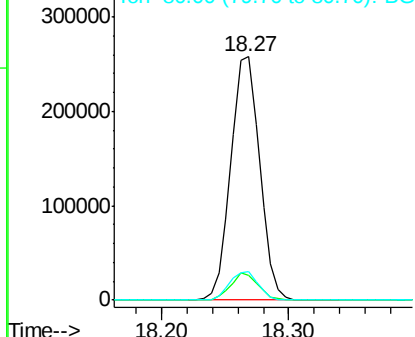


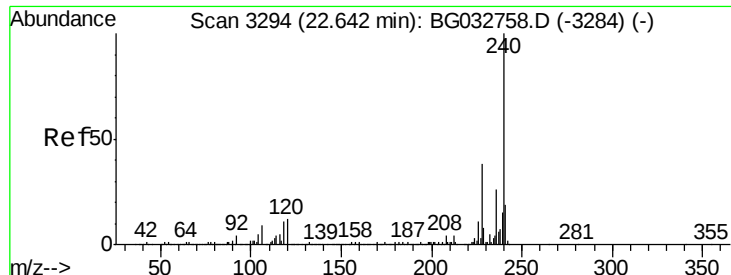
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BG032825.D
Acq: 26 Feb 2018 17:09

Tgt Ion:188 Resp: 406304
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3#
80 11.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032825.D

Acq: 26 Feb 2018 17:09

Instrument :

BNA_G

ClientSampleId :

72-11977-72-11982

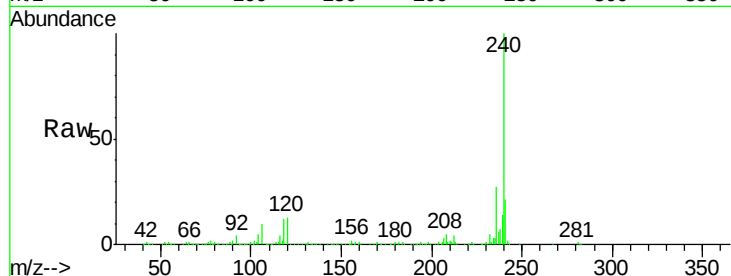
Tot Ion:240 Resp: 399955

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

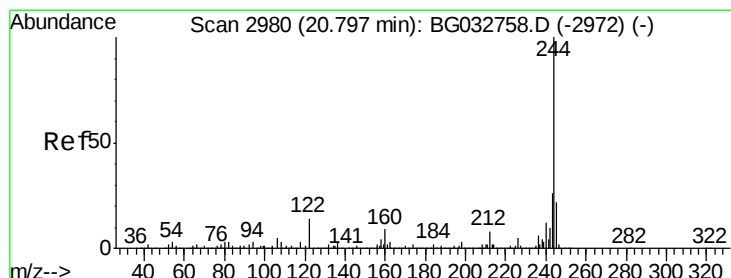
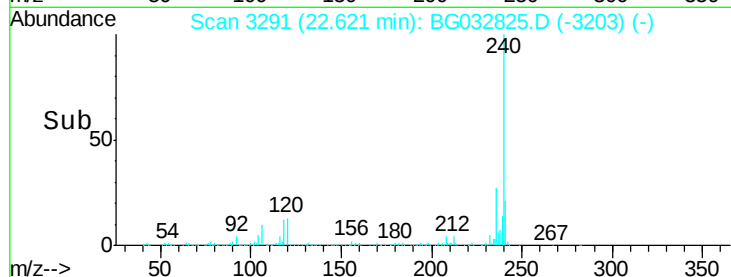
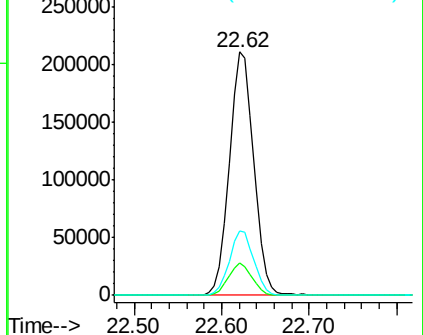
236 26.5 20.9 31.3



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: 91.922 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032825.D

Acq: 26 Feb 2018 17:09

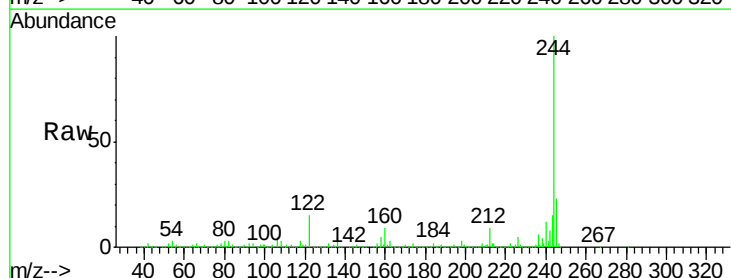
Tgt Ion:244 Resp: 1636362

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

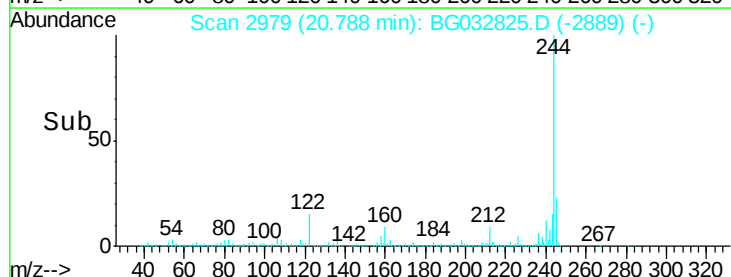
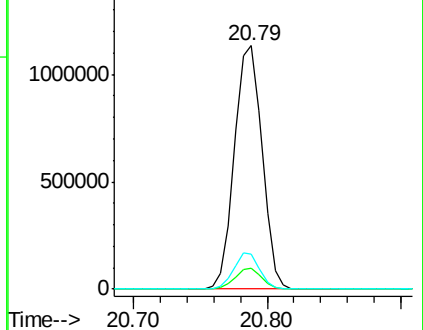
122 14.6 7.0 10.4#

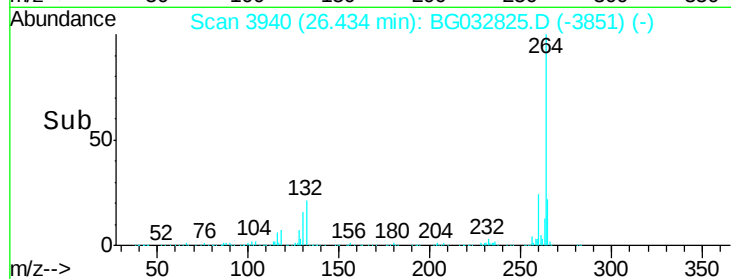
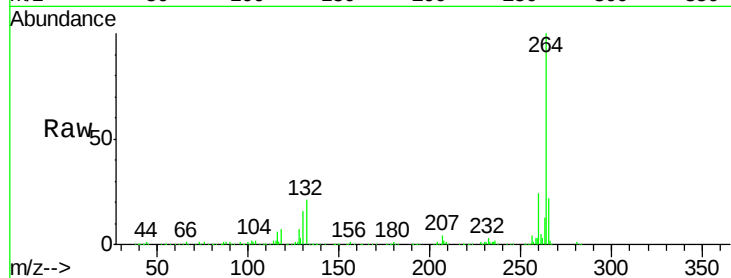
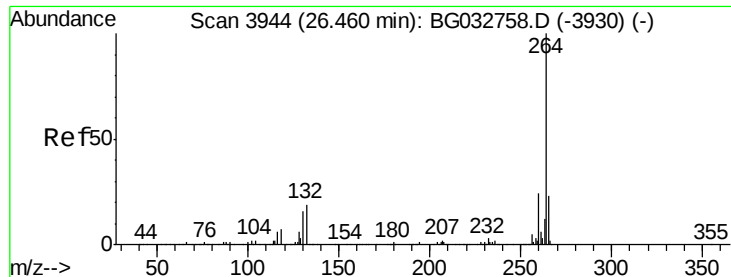


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.43 min Scan# 3940

Delta R.T. -0.00 min

Lab File: BG032825.D

Acq: 26 Feb 2018 17:09

Instrument :

BNA_G

ClientSampleId :

72-11977-72-11982

Tot Ion: 264 Resp: 420653

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.7 17.7 26.5

