

Data File : BG037785.D
Acq On : 3 Nov 2018 11:03
Operator : JU/SJ
Sample : J5755-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2A-D

Quant Time: Nov 05 03:54:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58198	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	256030	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	169508	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	370522	20.00	ng	0.00
76) Chrysene-d12	21.76	240	331175	20.00	ng	-0.01
87) Perylene-d12	25.10	264	269636	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	381327	109.54	ng	0.00
7) Phenol-d6	7.24	99	506045	96.14	ng	0.00
23) Nitrobenzene-d5	9.28	82	381359	83.44	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	180043	97.38	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	950411	84.55	ng	-0.01
79) Terphenyl-d14	20.08	244	1314124	84.79	ng	-0.01

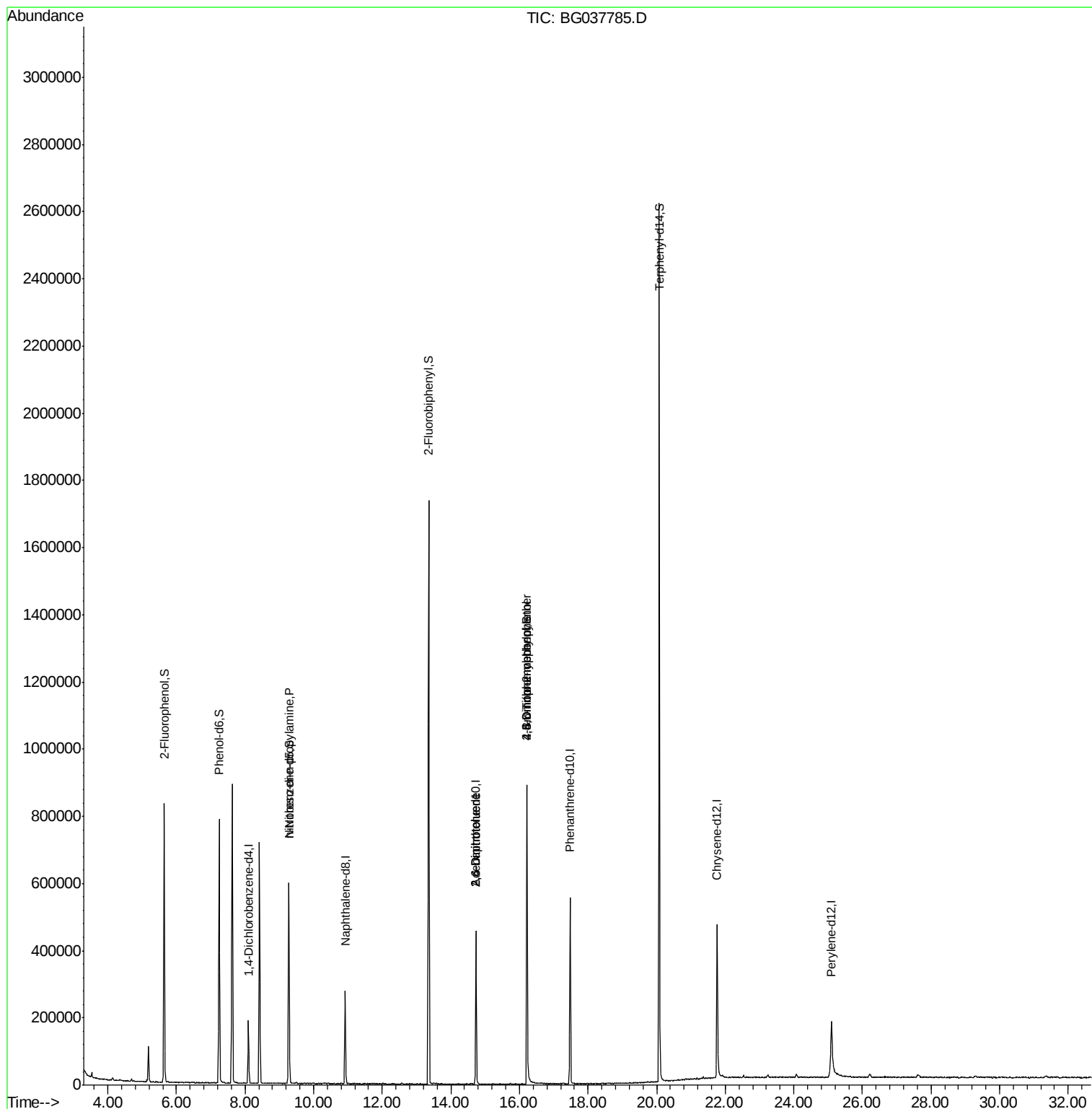
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	49229	13.582	ng	# 68
51) 2,6-Dinitrotoluene	14.73	165	21397	7.376	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	21397	5.619	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	482	8.711	ng	# 76
67) 4-Bromophenyl-phenylether	16.22	248	12710	3.124	ng	# 1

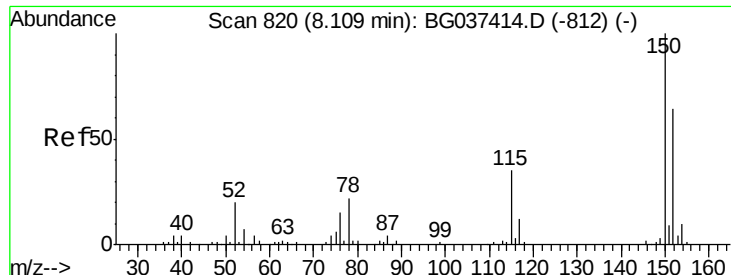
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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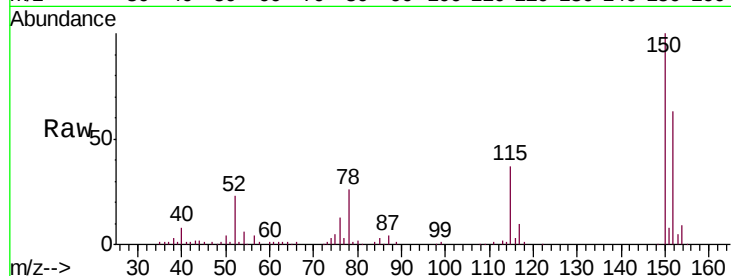


#1

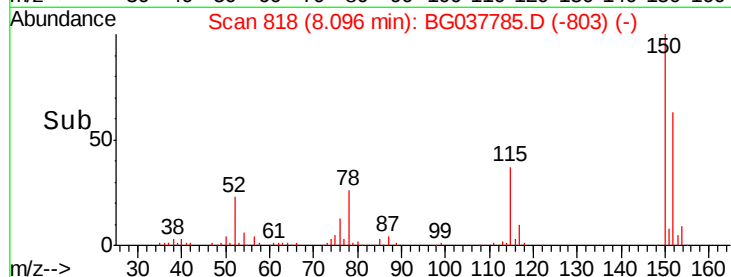
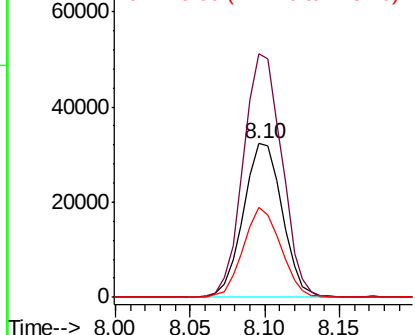
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-D

Tgt Ion:152 Resp: 58198
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.0 189.0
 115 58.7 45.5 68.3



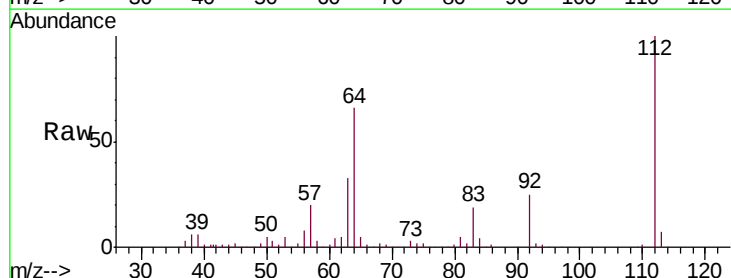
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



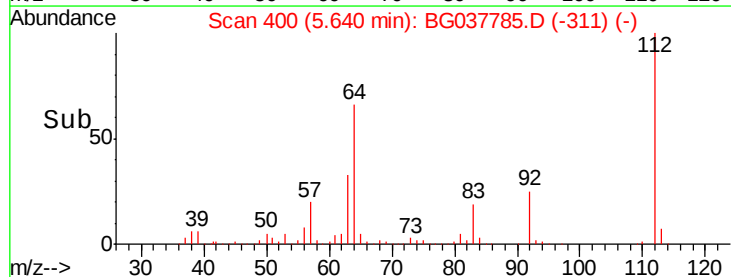
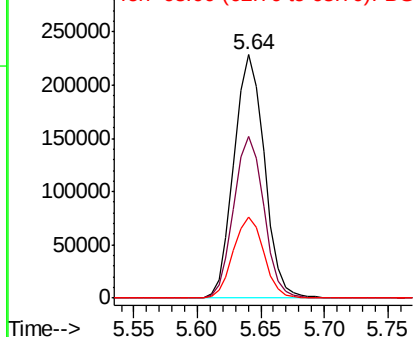
#5

2-Fluorophenol
 Concen: 109.544 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

Tgt Ion:112 Resp: 381327
 Ion Ratio Lower Upper
 112 100
 64 66.2 53.1 79.7
 63 33.4 27.3 40.9



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





#7

Phenol-d6

Concen: 96.137 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Instrument :

BNA_G

ClientSampleId :

TP-2A-D

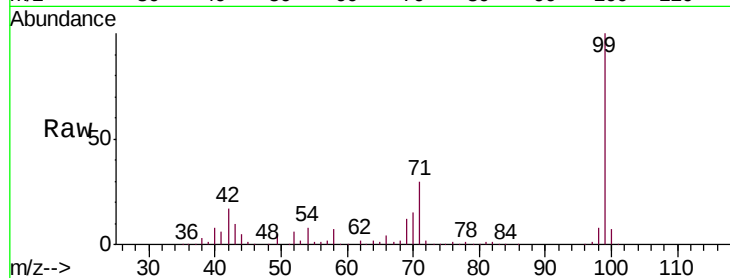
Tgt Ion: 99 Resp: 506045

Ion Ratio Lower Upper

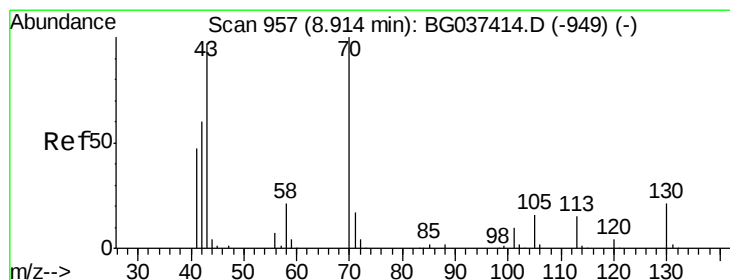
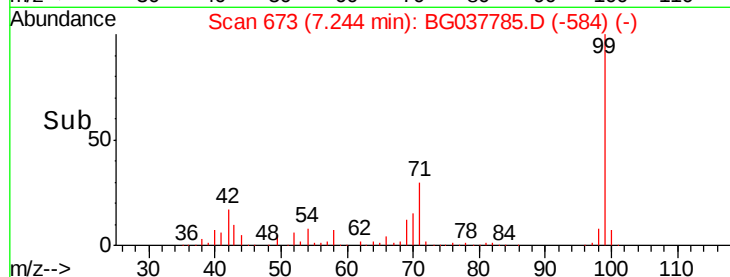
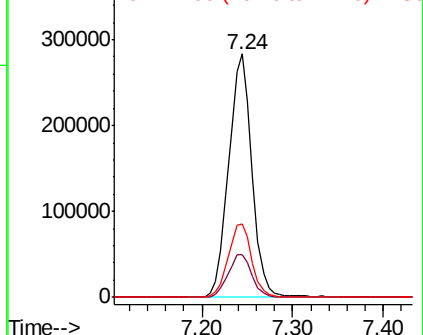
99 100

42 17.5 15.0 22.4

71 30.1 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.582 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Tgt Ion: 70 Resp: 49229

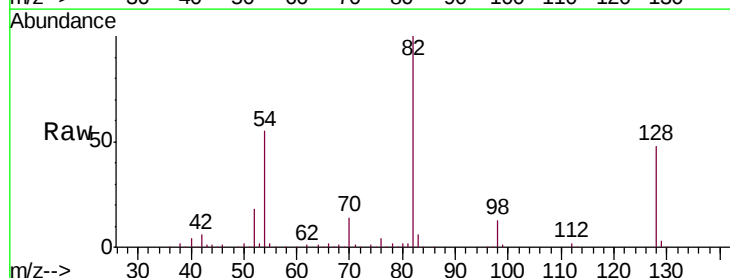
Ion Ratio Lower Upper

70 100

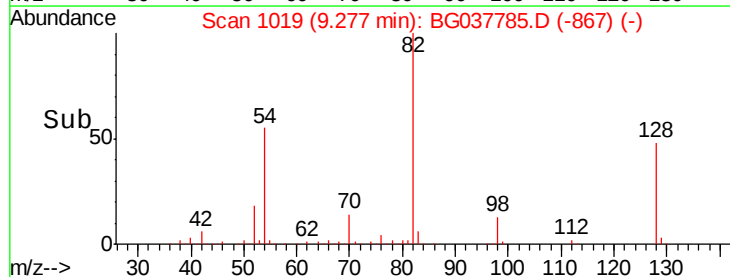
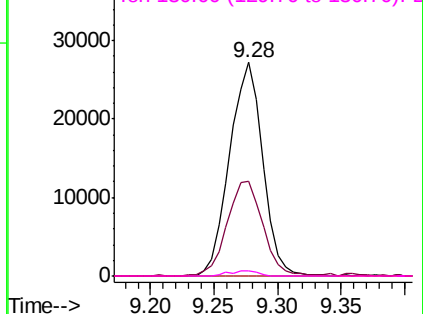
42 44.1 53.9 80.9#

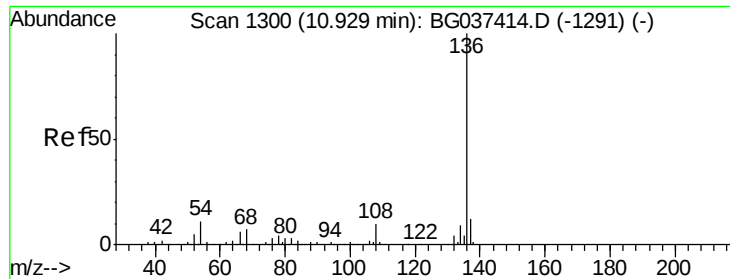
101 0.0 8.2 12.2#

130 2.5 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

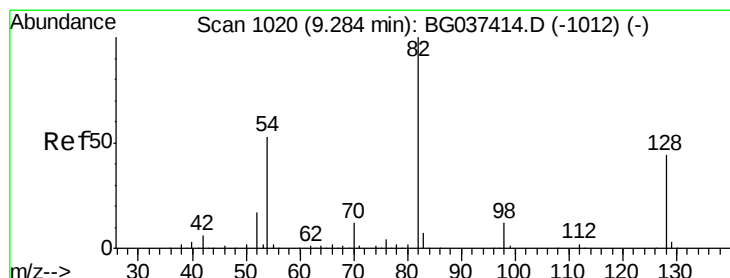
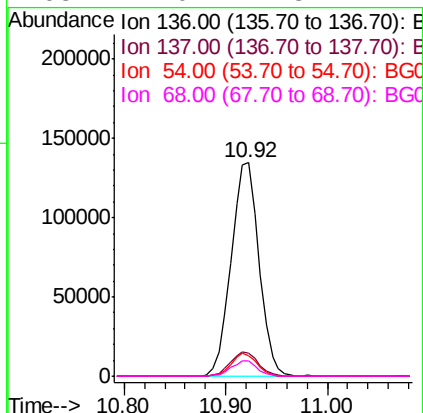
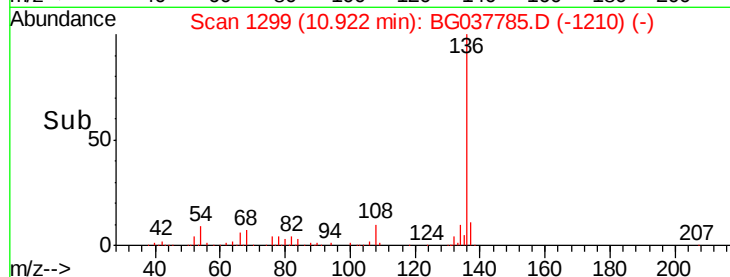
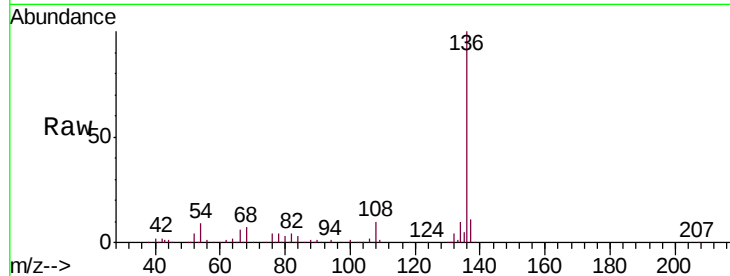




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037785.D
Acq: 3 Nov 2018 11:03

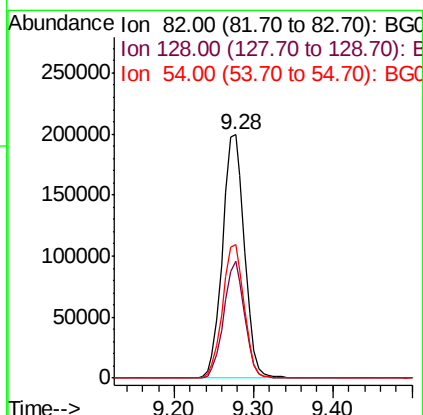
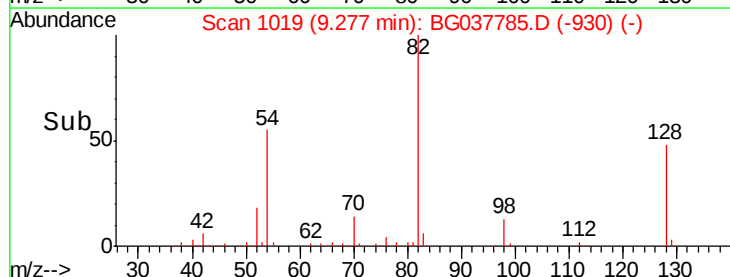
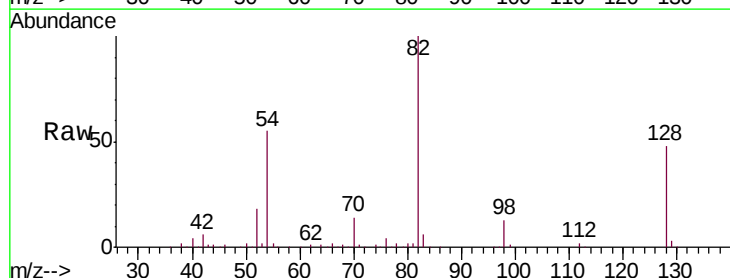
Instrument :
BNA_G
ClientSampleId :
TP-2A-D

Tgt Ion:	136	Resp:	256030
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.4	7.9	11.9
68	7.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.441 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037785.D
Acq: 3 Nov 2018 11:03

Tgt Ion:	82	Resp:	381359
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.6	51.8
54	54.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Instrument :

BNA_G

ClientSampled :

TP-2A-D

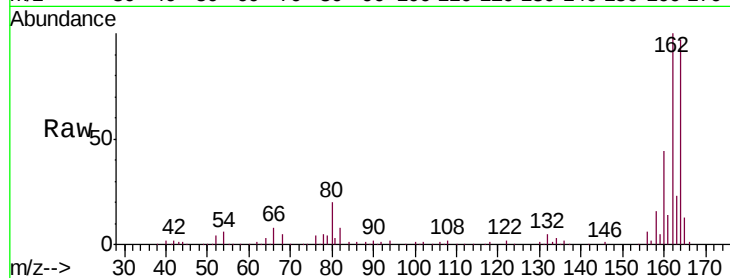
Tgt Ion:164 Resp: 169508

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

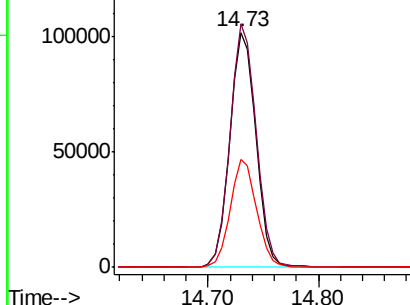
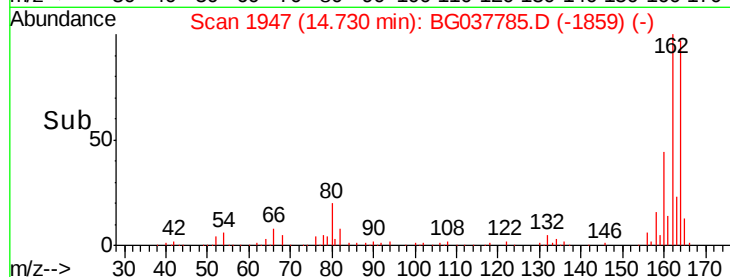
160 45.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 97.383 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

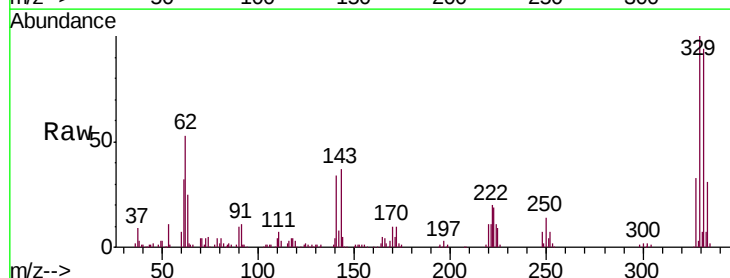
Tgt Ion:330 Resp: 180043

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

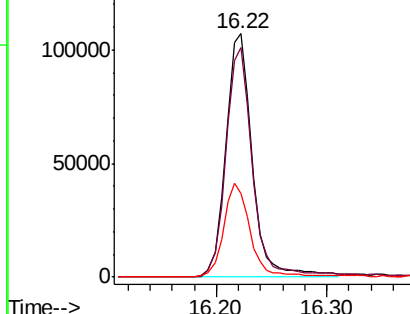
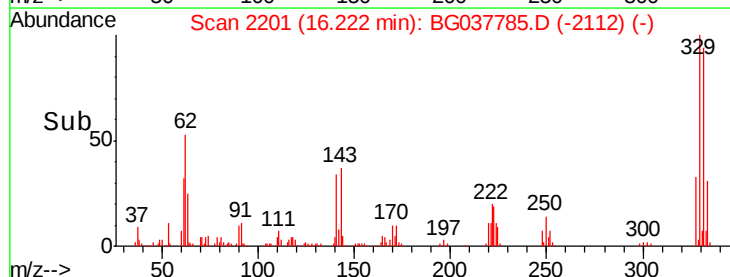
141 38.5 32.2 48.2



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

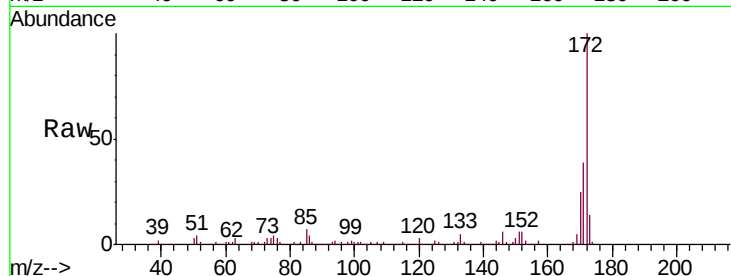




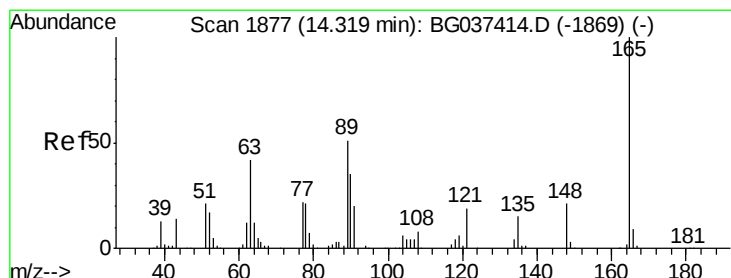
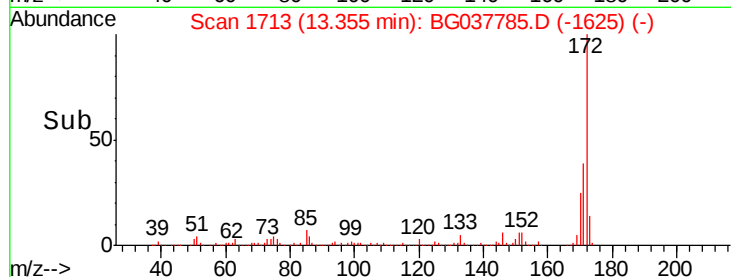
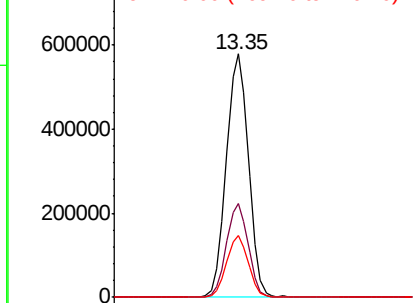
#45
 2-Fluorobiphenyl
 Concen: 84.549 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-D

Tgt Ion:172 Resp: 950411
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.4 20.2 30.2

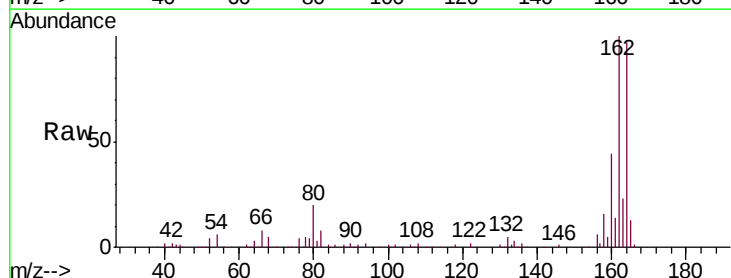


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

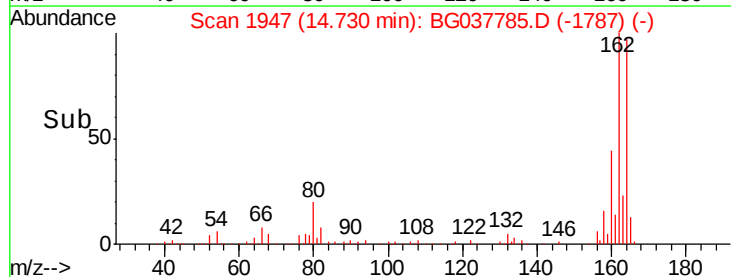
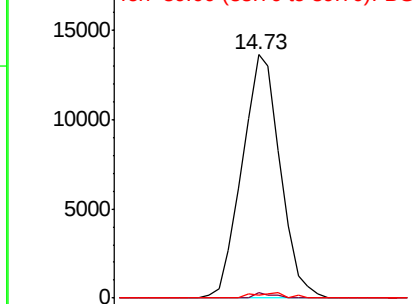


#51
 2,6-Dinitrotoluene
 Concen: 7.376 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

Tgt Ion:165 Resp: 21397
 Ion Ratio Lower Upper
 165 100
 63 2.2 43.4 65.2#
 89 1.4 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

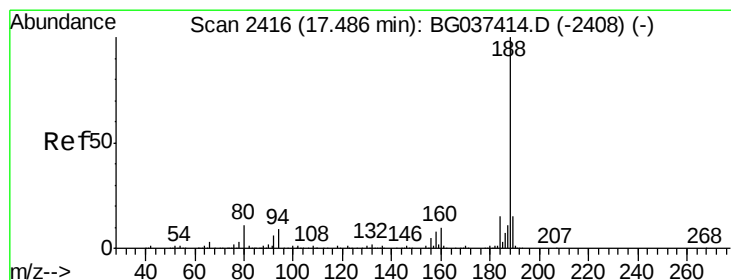
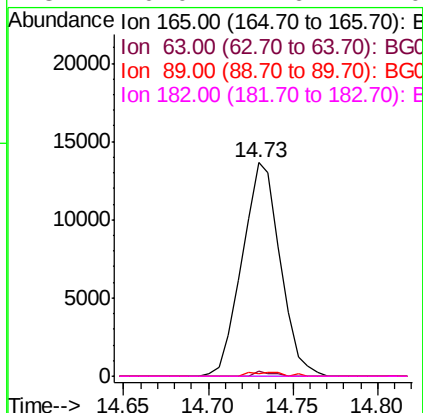
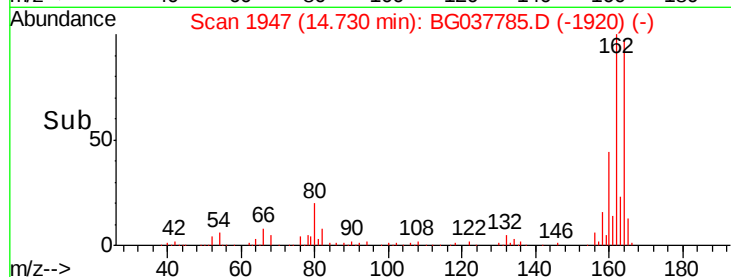
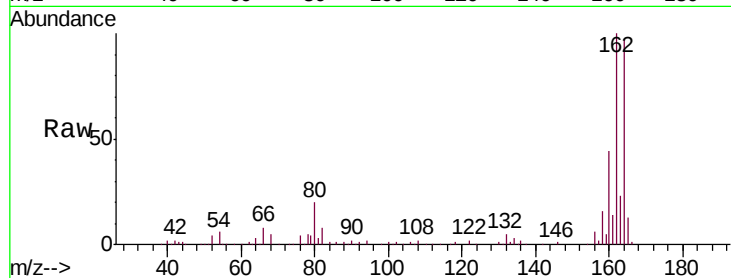




#57
 2,4-Dinitrotoluene
 Concen: 5.619 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

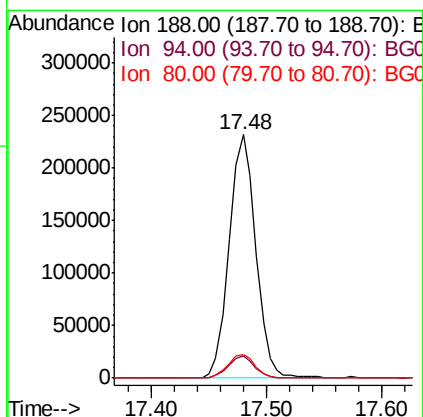
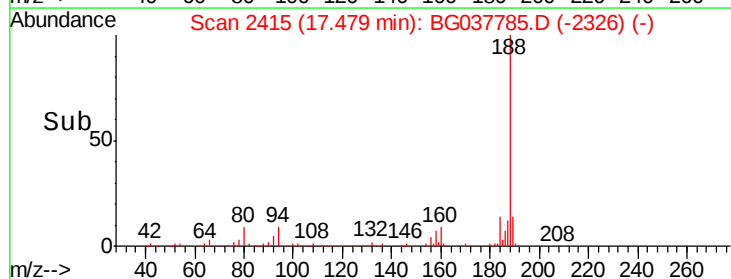
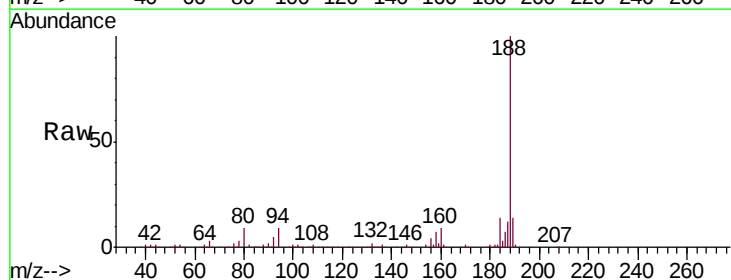
Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-D

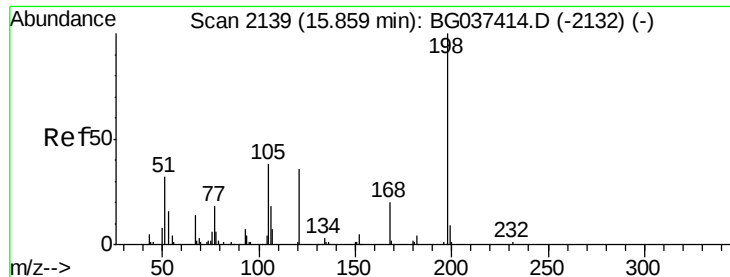
Tgt Ion:	165	Resp:	21397
Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

Tgt Ion:	188	Resp:	370522
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.4	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.711 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Instrument :

BNA_G

ClientSampleId :

TP-2A-D

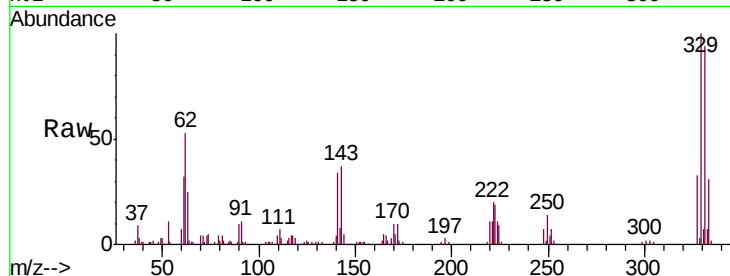
Tgt Ion:198 Resp: 482

Ion Ratio Lower Upper

198 100

51 22.0 22.7 62.7#

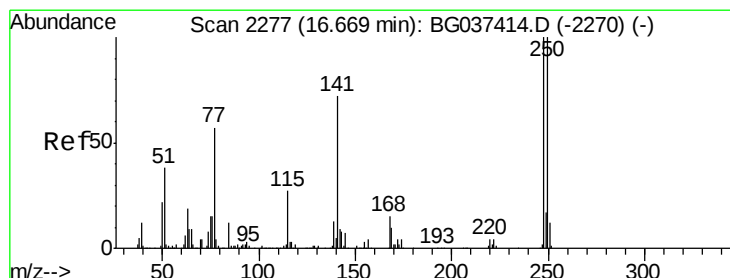
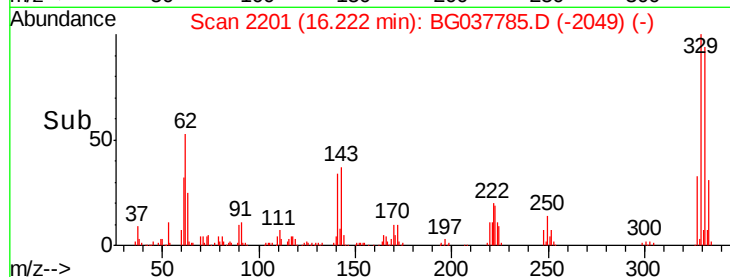
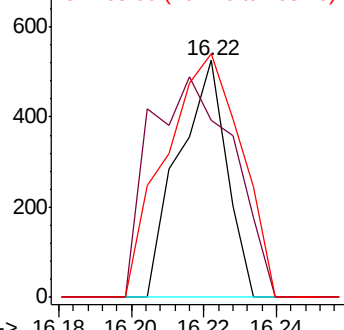
105 30.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.124 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

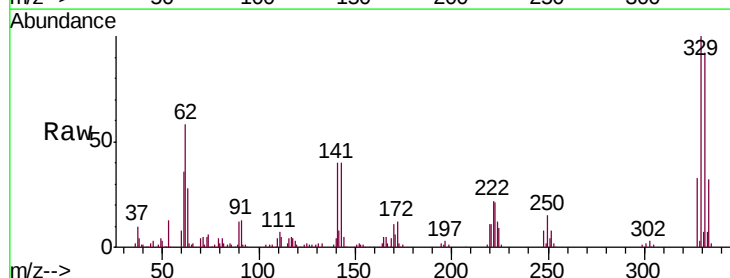
Tgt Ion:248 Resp: 12710

Ion Ratio Lower Upper

248 100

250 193.7 77.0 115.6#

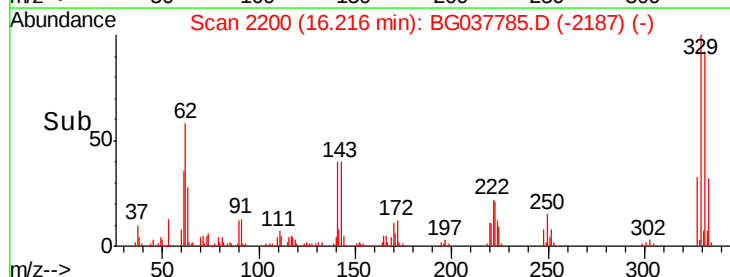
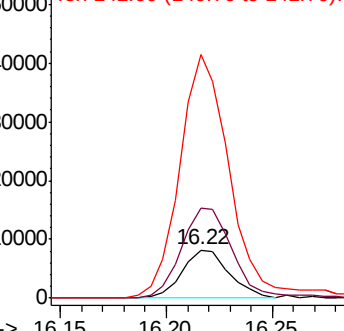
141 404.6 55.5 83.3#

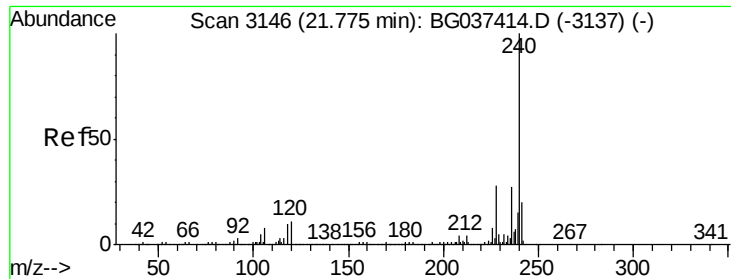


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

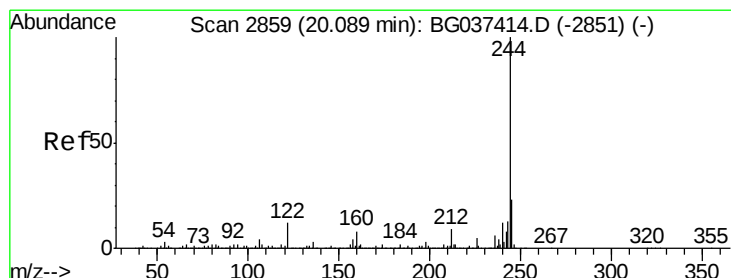
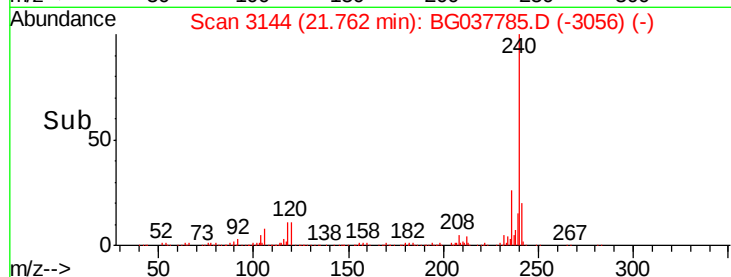
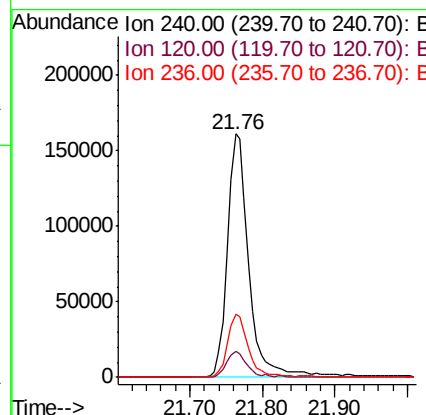
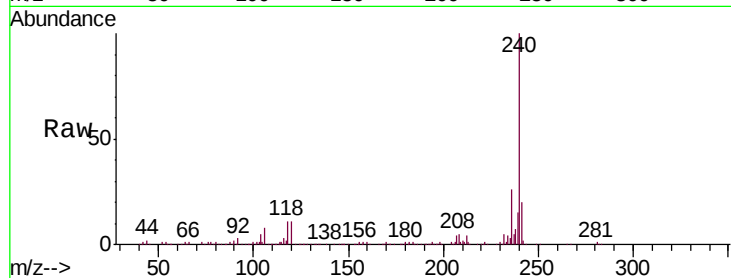




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037785.D
Acq: 3 Nov 2018 11:03

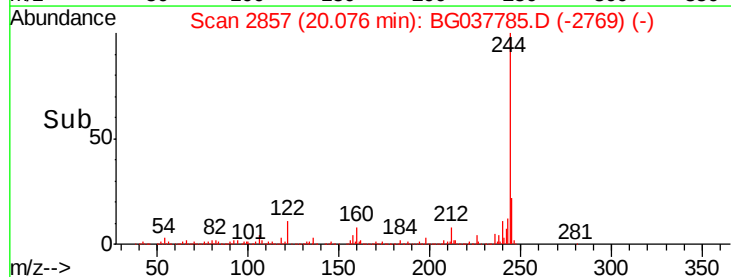
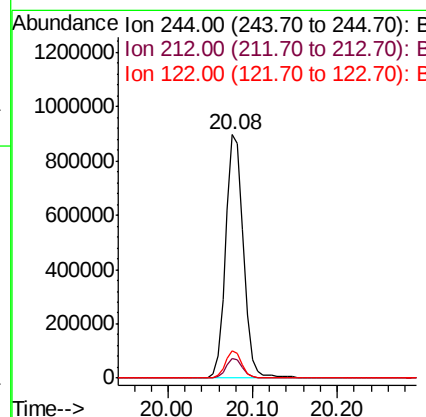
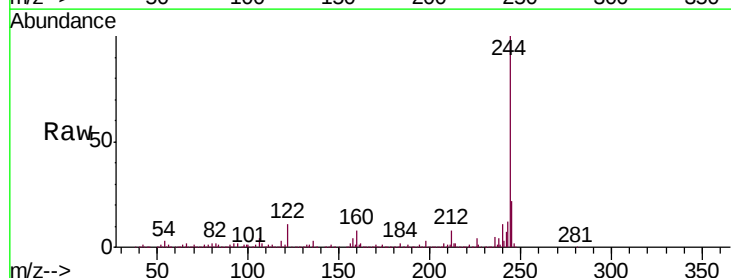
Instrument :
BNA_G
ClientSampleId :
TP-2A-D

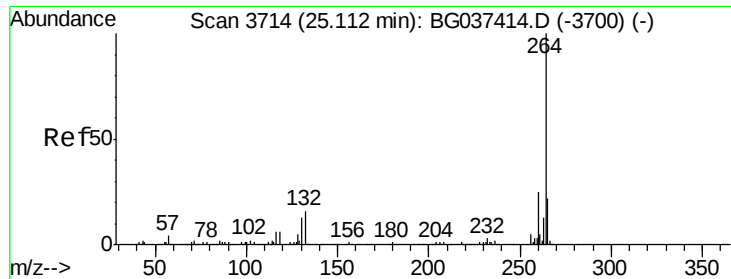
Tgt Ion:240 Resp: 331175
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.0 21.4 32.0



#79
Terphenyl-d14
Concen: 84.788 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037785.D
Acq: 3 Nov 2018 11:03

Tgt Ion:244 Resp: 1314124
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.2 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037785.D
Acq: 3 Nov 2018 11:03

Instrument :
BNA_G
ClientSampleId :
TP-2A-D

Tgt Ion: 264 Resp: 269636
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 22.0 17.9 26.9

