

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029004.D
 Acq On : 3 Oct 2017 14:09
 Operator : SJ/JU
 Sample : I5275-05
 Misc : LOD 1 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:15:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

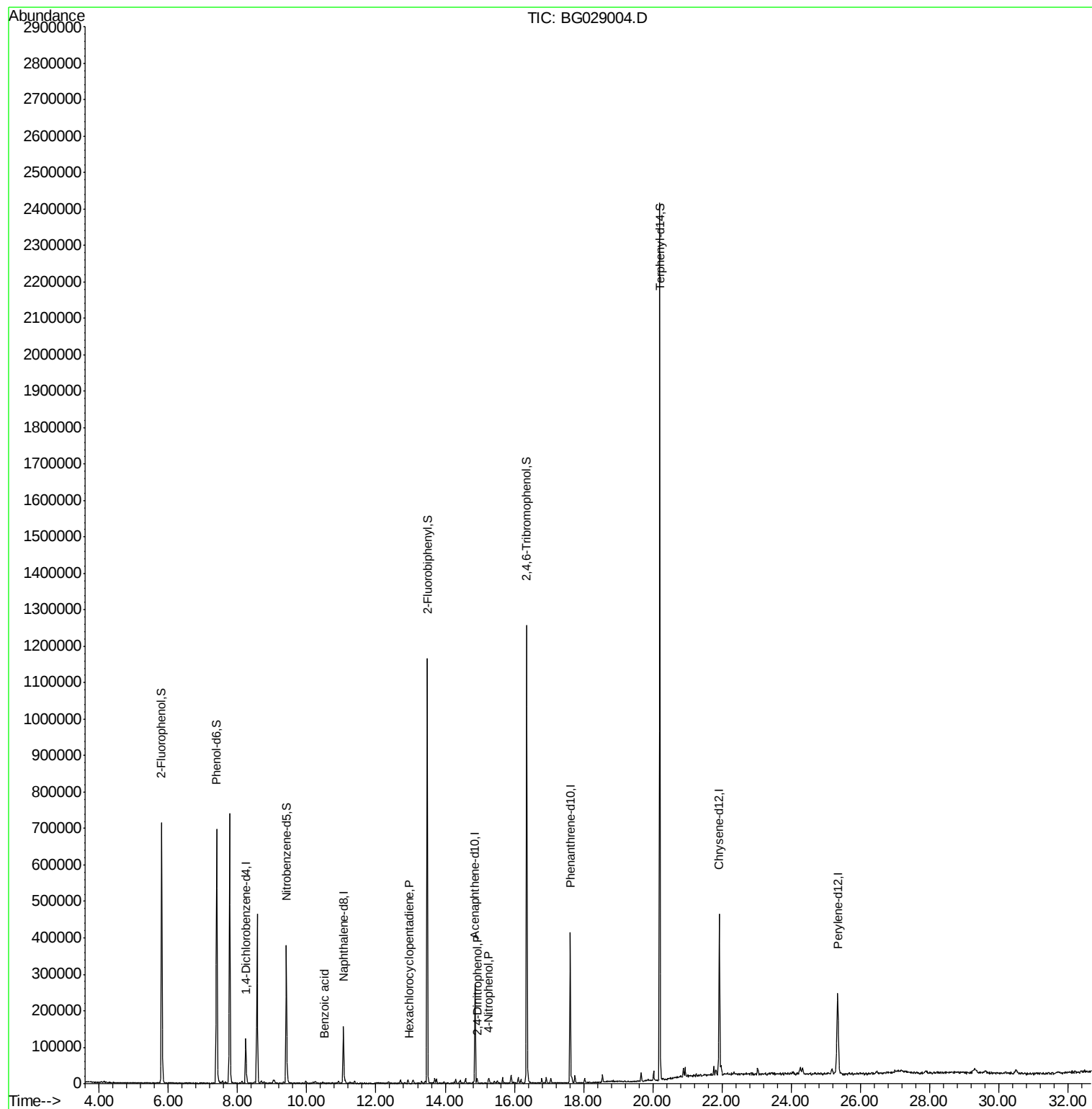
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	33908	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	135466	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	100262	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	258131	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	284380	20.00	ng	-0.11
86) Perylene-d12	25.34	264	274828	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	321837	156.61	ng	-0.10
7) Phenol-d6	7.40	99	421364	136.19	ng	-0.09
23) Nitrobenzene-d5	9.41	82	236696	83.58	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	270300	163.00	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	626686	83.35	ng	-0.08
78) Terphenyl-d14	20.20	244	1088494	81.63	ng	-0.08
Target Compounds						
32) Benzoic acid	10.52	122	90	6.13	ng	# 1
40) Hexachlorocyclopentadiene	12.97	237	56	7.63	ng	# 29
53) 2,4-Dinitrophenol	14.95	184	56	8.05	ng	# 1
55) 4-Nitrophenol	15.26	139	4400	3.63	ng	# 1

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

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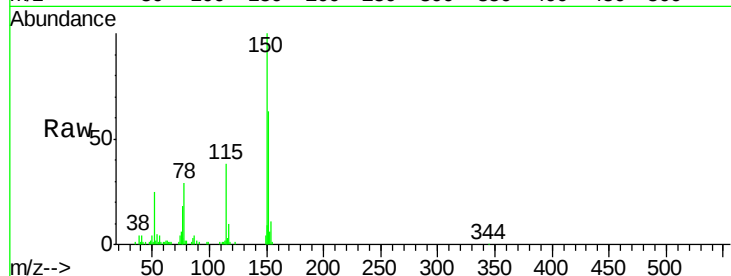


#1

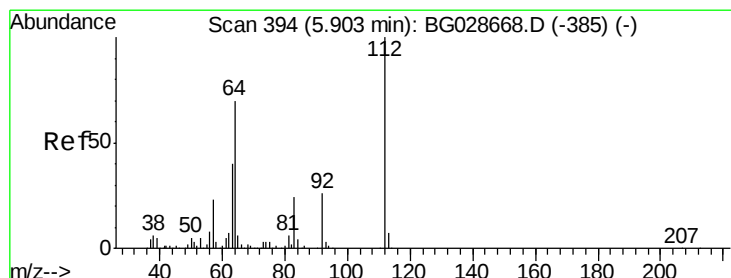
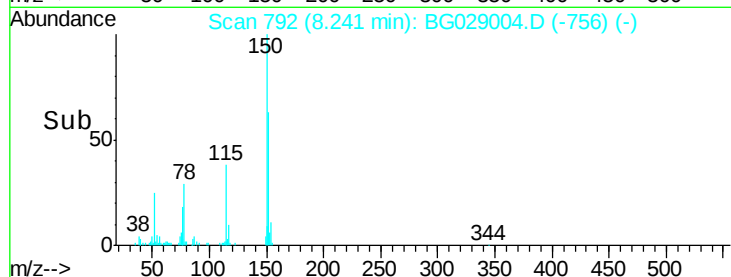
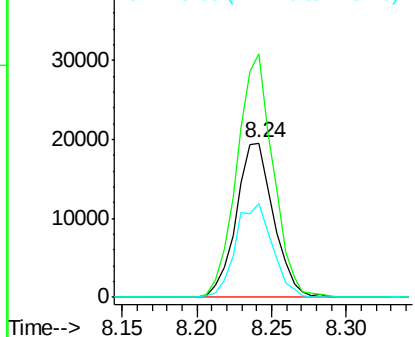
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33908
Ion Ratio Lower Upper
152 100
150 157.9 114.0 171.0
115 60.8 48.1 72.1



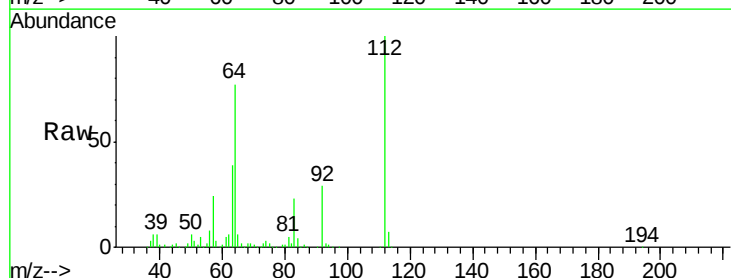
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



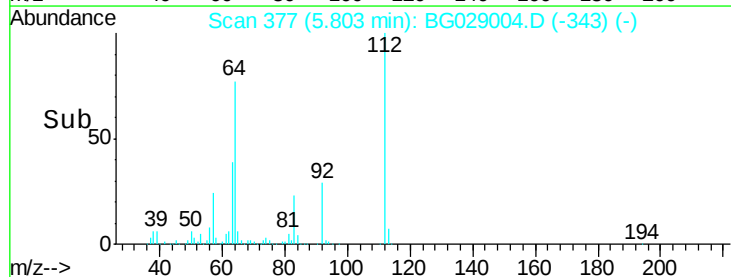
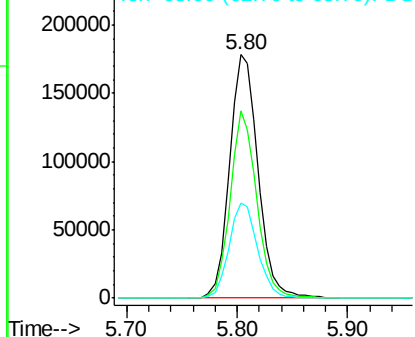
#5

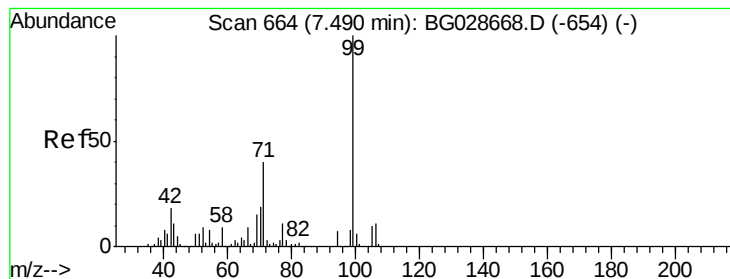
2-Fluorophenol
Concen: 156.61 ng
RT: 5.80 min Scan# 377
Delta R.T. -0.10 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion:112 Resp: 321837
Ion Ratio Lower Upper
112 100
64 76.8 61.8 92.6
63 39.3 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 136.19 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029004.D

Acq: 3 Oct 2017 14:09

Instrument :

BNA_G

ClientSampleId :

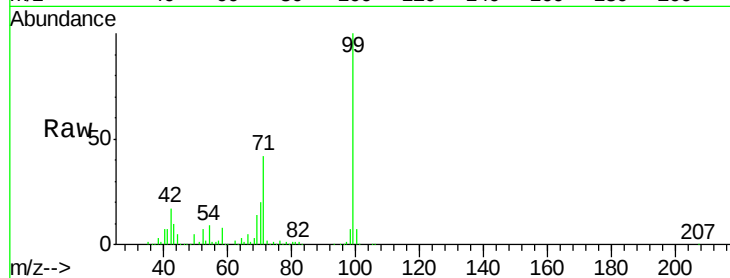
Tot Ion: 99 Resp: 421364

Ion Ratio Lower Upper

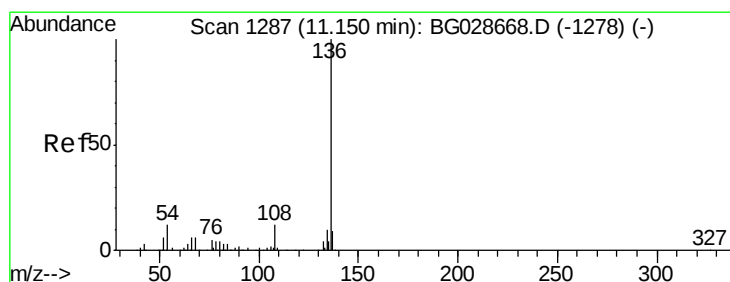
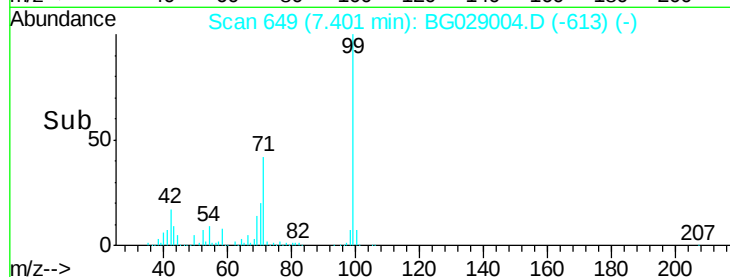
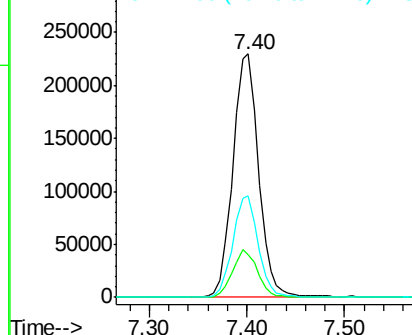
99 100

42 17.3 20.5 30.7#

71 41.8 37.6 56.4



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: 20.00 ng

RT: 11.06 min Scan# 1272

Delta R.T. -0.09 min

Lab File: BG029004.D

Acq: 3 Oct 2017 14:09

Tgt Ion: 136 Resp: 135466

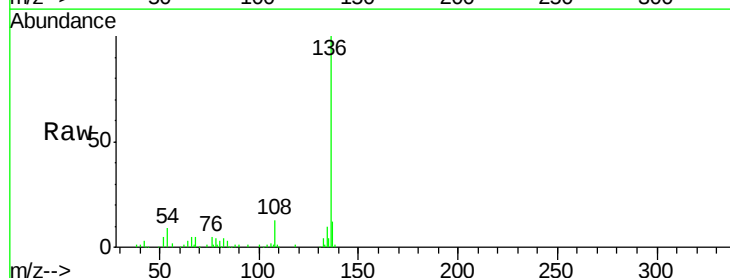
Ion Ratio Lower Upper

136 100

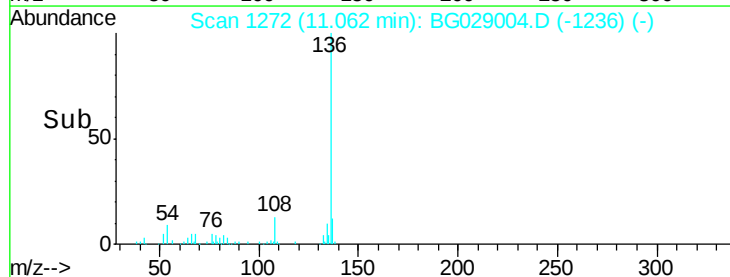
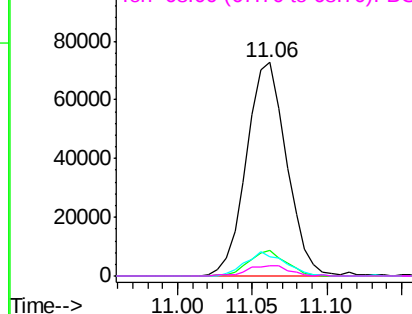
137 11.8 8.9 13.3

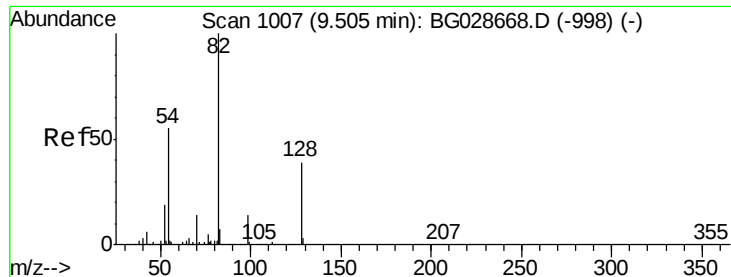
54 9.2 9.3 13.9#

68 4.8 5.1 7.7#



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

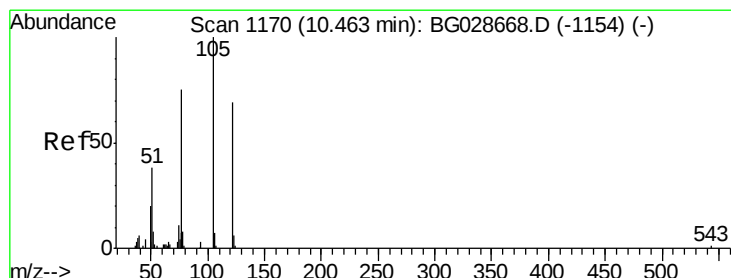
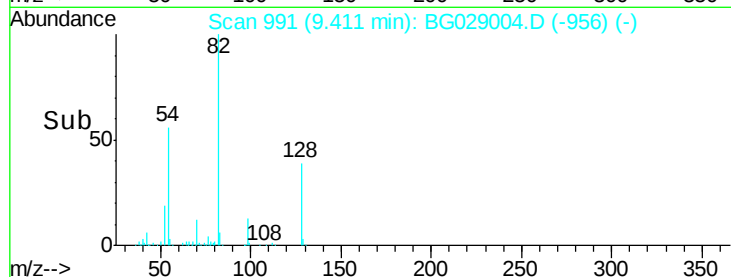
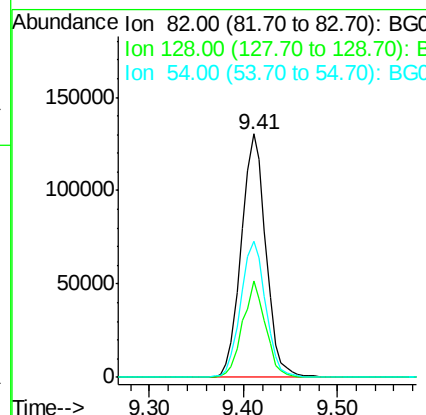
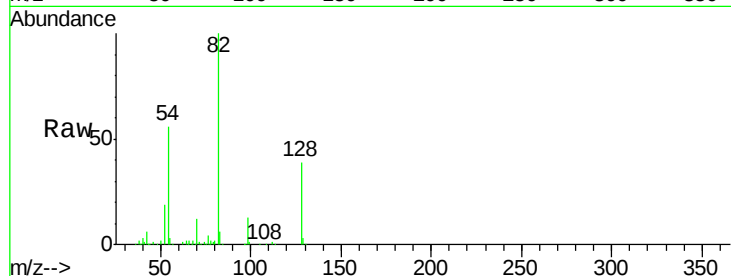




#23
 Nitrobenzene-d5
 Concen: 83.58 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029004.D
 Acq: 3 Oct 2017 14:09

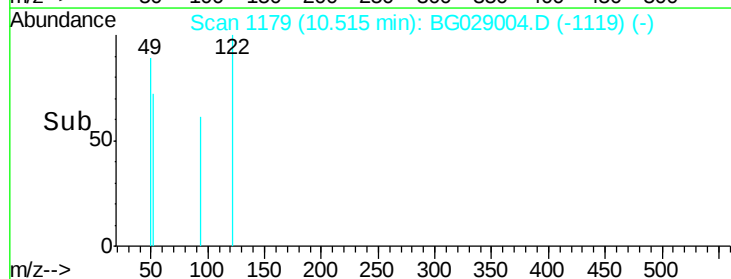
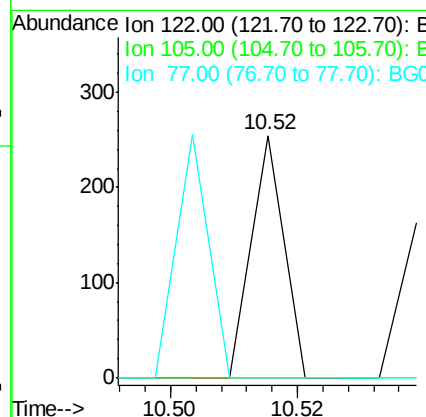
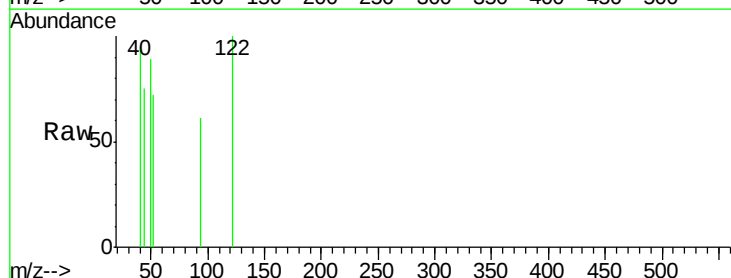
Instrument :
 BNA_G
 ClientSampleId :

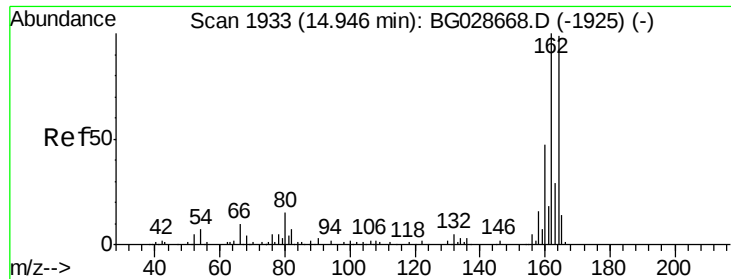
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.4	39.6
54	55.7	49.4	74.2



#32
 Benzoic acid
 Concen: 6.13 ng
 RT: 10.52 min Scan# 1179
 Delta R.T. 0.05 min
 Lab File: BG029004.D
 Acq: 3 Oct 2017 14:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.86 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029004.D

Acq: 3 Oct 2017 14:09

Instrument :

BNA_G

ClientSampleId :

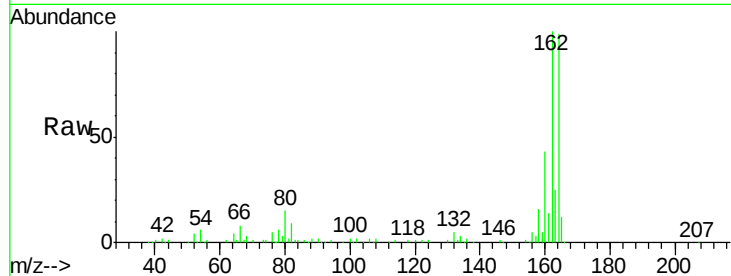
Tot Ion:164 Resp: 100262

Ion Ratio Lower Upper

164 100

162 101.2 85.1 127.7

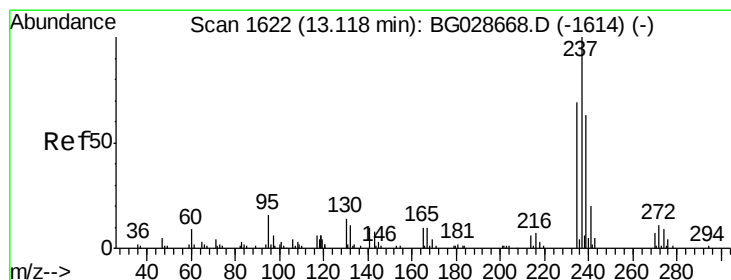
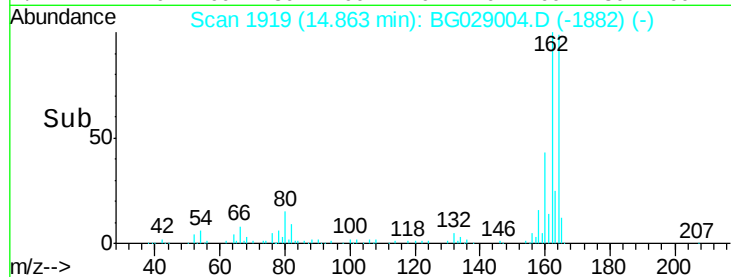
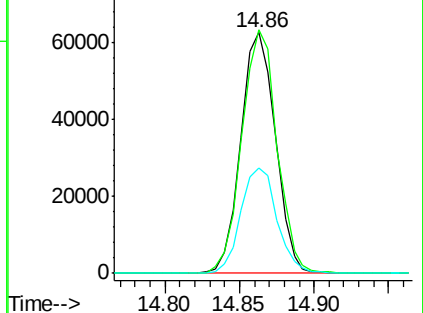
160 43.8 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 7.63 ng

RT: 12.97 min Scan# 1597

Delta R.T. -0.15 min

Lab File: BG029004.D

Acq: 3 Oct 2017 14:09

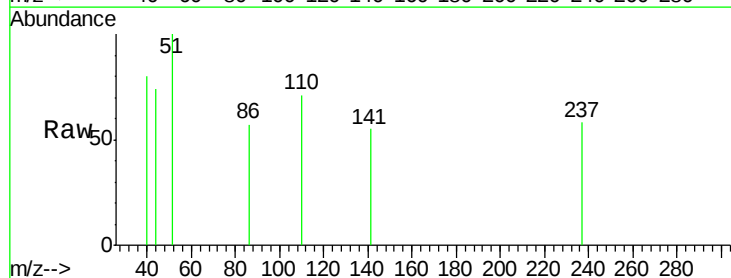
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

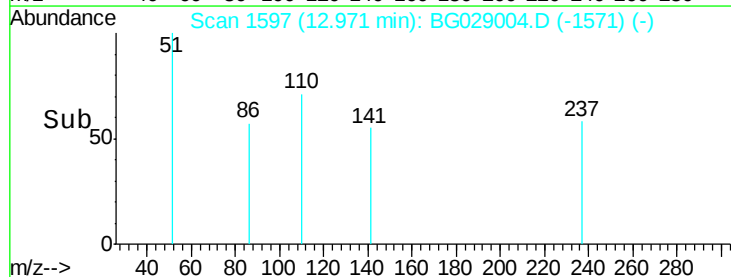
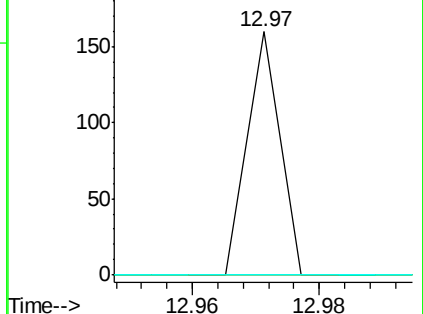
272 0.0 0.0 32.0

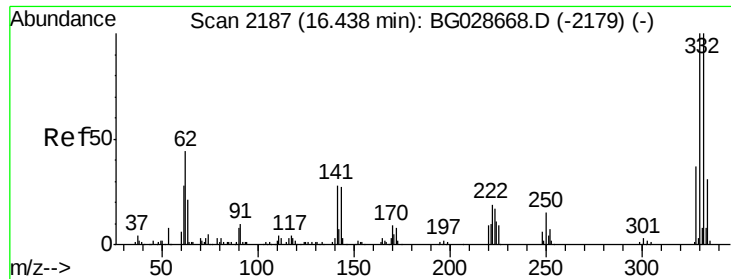


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

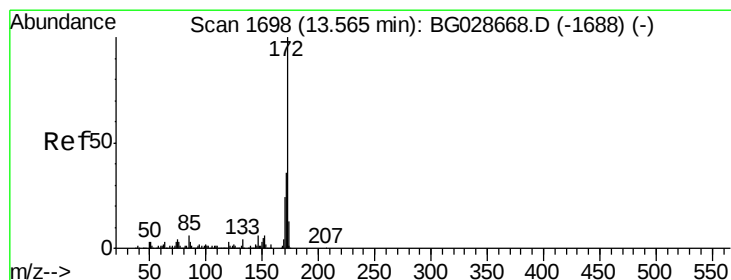
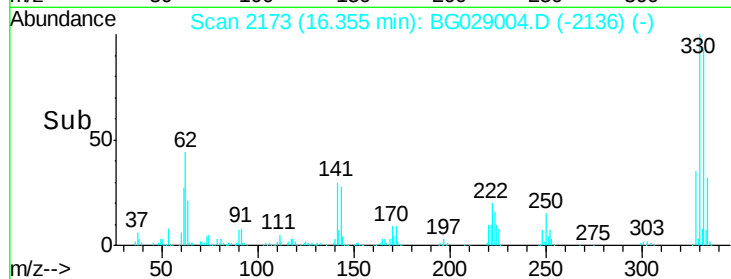
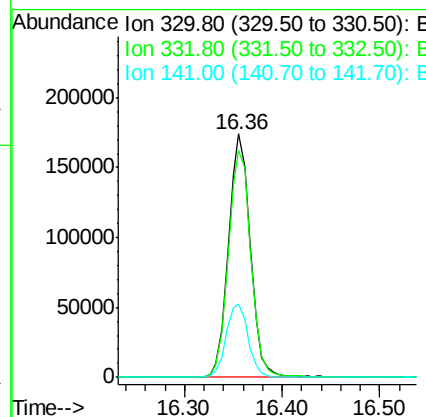
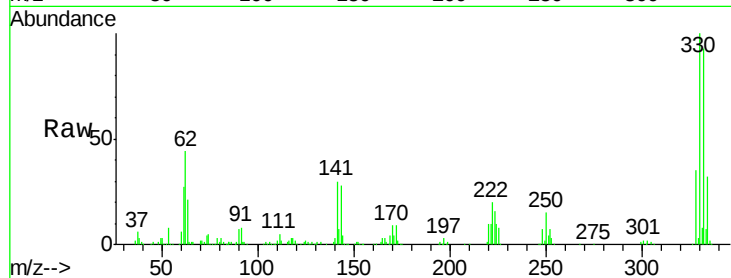




#41
 2,4,6-Tribromophenol
 Concen: 163.00 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029004.D
 Acq: 3 Oct 2017 14:09

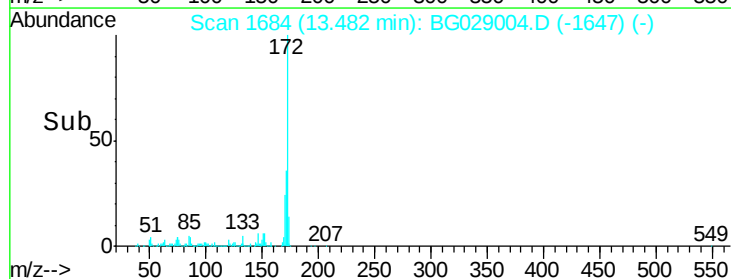
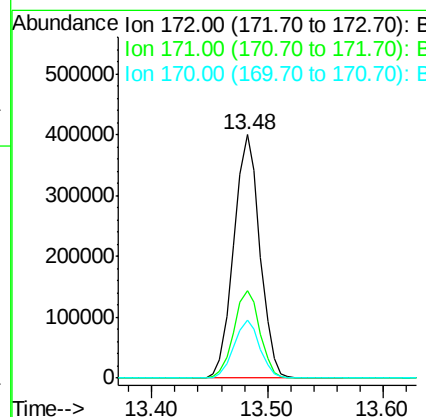
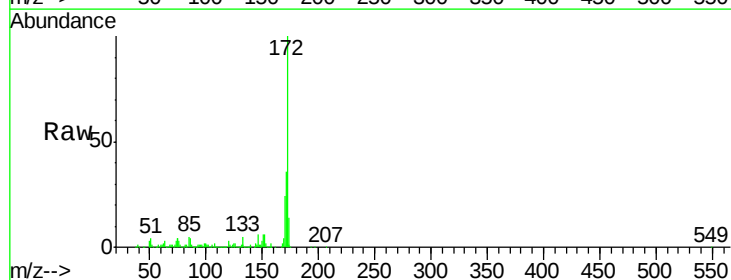
Instrument :
 BNA_G
 ClientSampleId :

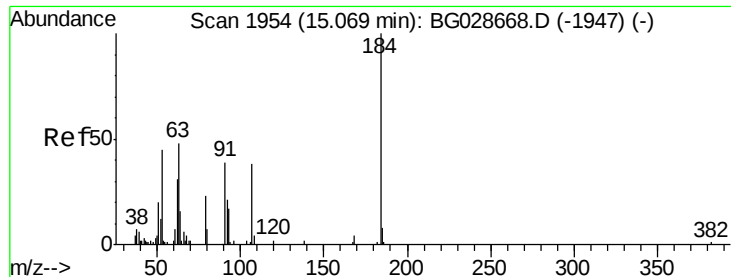
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	30.5	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 83.35 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029004.D
 Acq: 3 Oct 2017 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.6	21.8	32.6

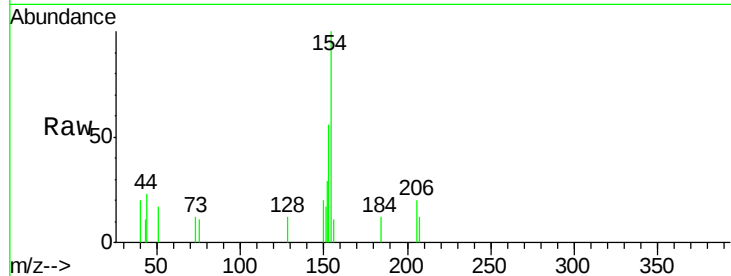




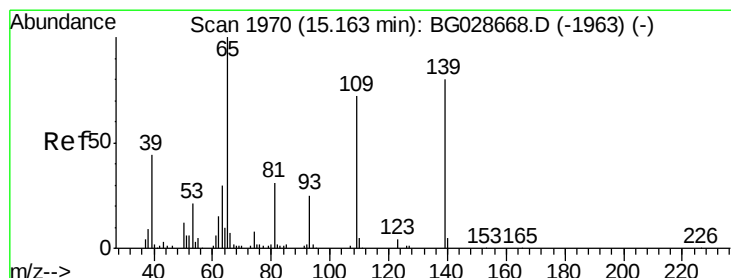
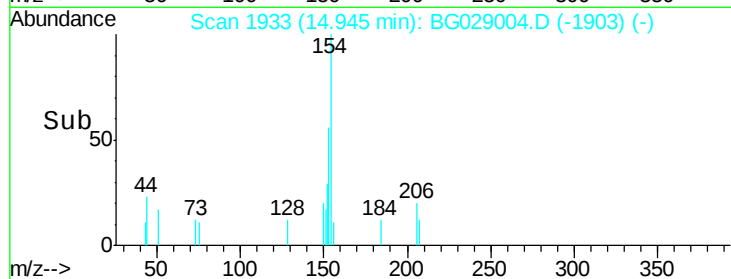
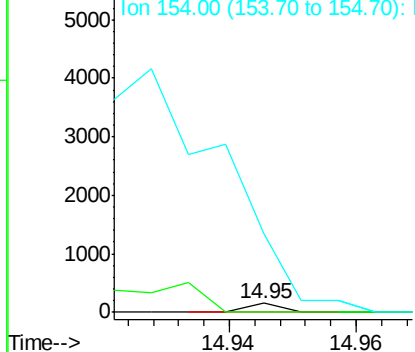
#53
2,4-Dinitrophenol
Concen: 8.05 ng
RT: 14.95 min Scan# 1933
Delta R.T. -0.12 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	849.1	57.3	85.9#

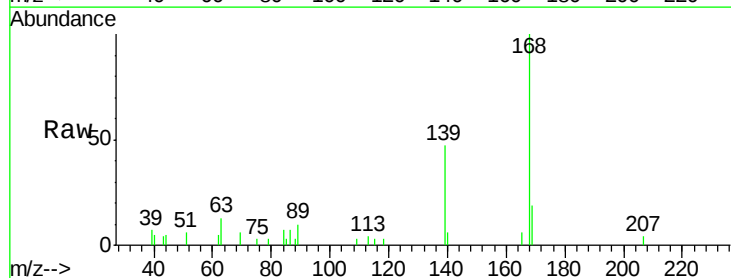


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

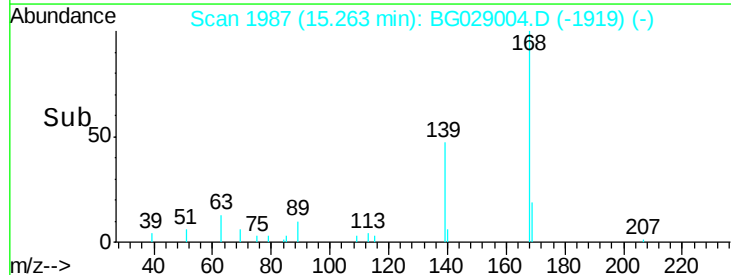
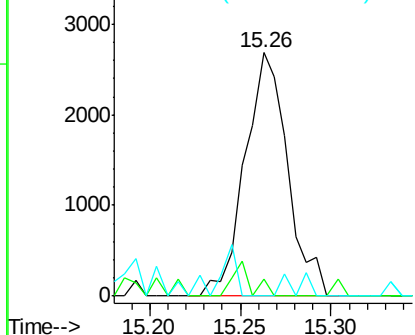


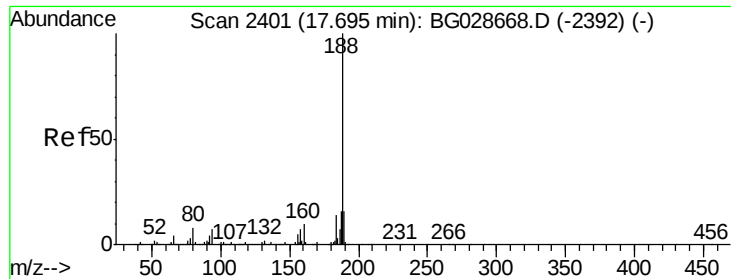
#55
4-Nitrophenol
Concen: 3.63 ng
RT: 15.26 min Scan# 1987
Delta R.T. 0.10 min
Lab File: BG029004.D
Acq: 3 Oct 2017 14:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	7.0	101.2	141.2#
65	0.0	135.3	175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029004.D

Acq: 3 Oct 2017 14:09

Instrument :

BNA_G

ClientSampleId :

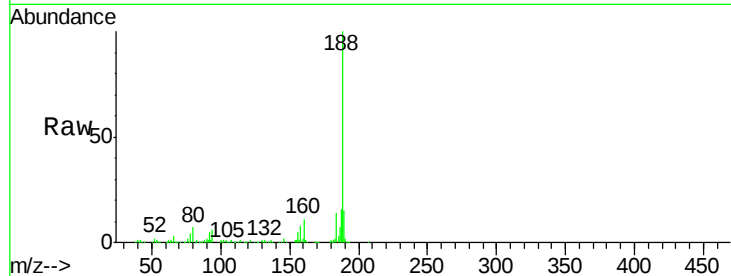
Tot Ion:188 Resp: 258131

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

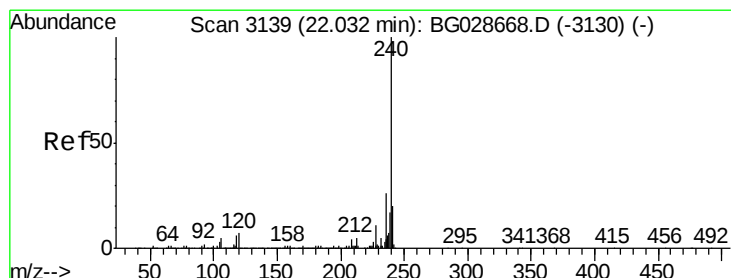
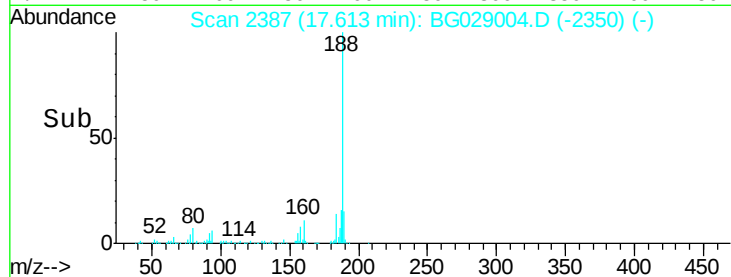
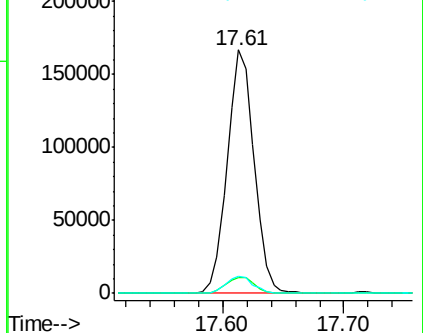
80 7.2 7.5 11.3#



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: 20.00 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.11 min

Lab File: BG029004.D

Acq: 3 Oct 2017 14:09

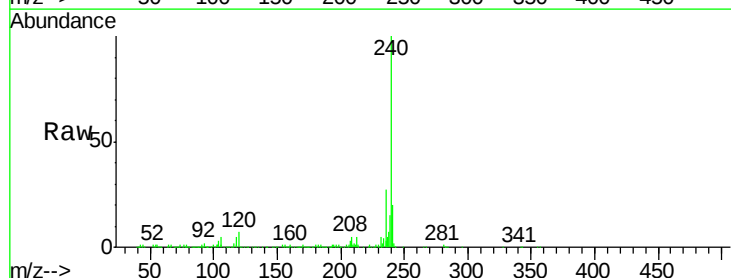
Tgt Ion:240 Resp: 284380

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

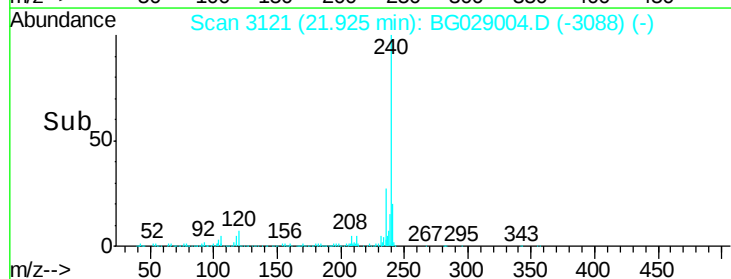
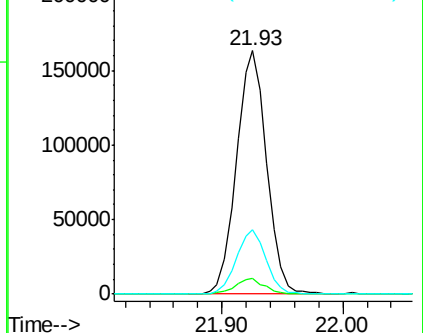
236 26.6 22.2 33.4

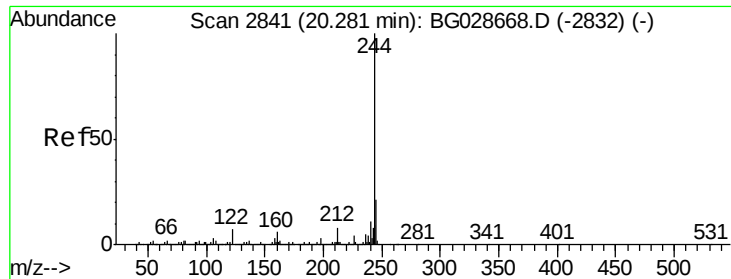


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

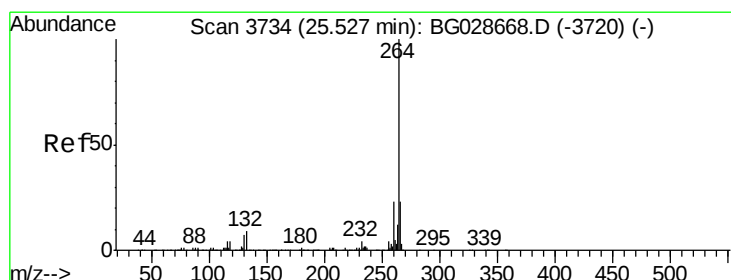
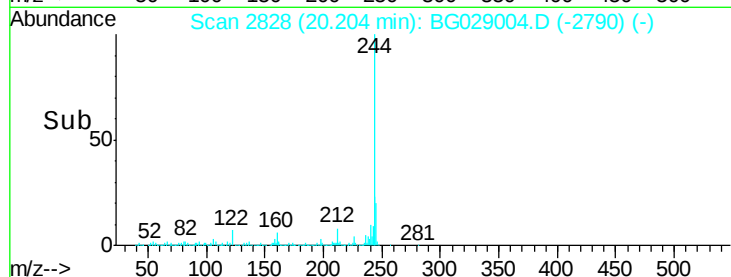
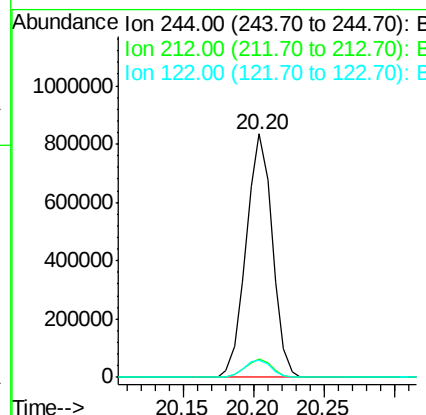
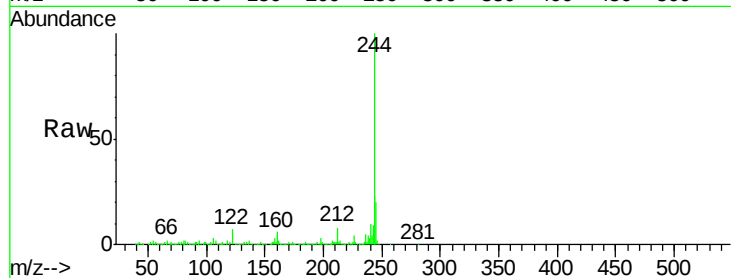




#78
 Terphenyl-d14
 Concen: 81.63 ng
 RT: 20.20 min Scan# 2828
 Delta R.T. -0.08 min
 Lab File: BG029004.D
 Acq: 3 Oct 2017 14:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1088494
 Ion Ratio Lower Upper
 244 100
 212 7.7 10.0 15.0#
 122 7.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.34 min Scan# 3703
 Delta R.T. -0.18 min
 Lab File: BG029004.D
 Acq: 3 Oct 2017 14:09

Tgt Ion:264 Resp: 274828
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.8 32.8
 265 20.4 18.2 27.4

