

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029022.D
 Acq On : 4 Oct 2017 2:35
 Operator : SJ/JU
 Sample : I5496-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:26:29 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

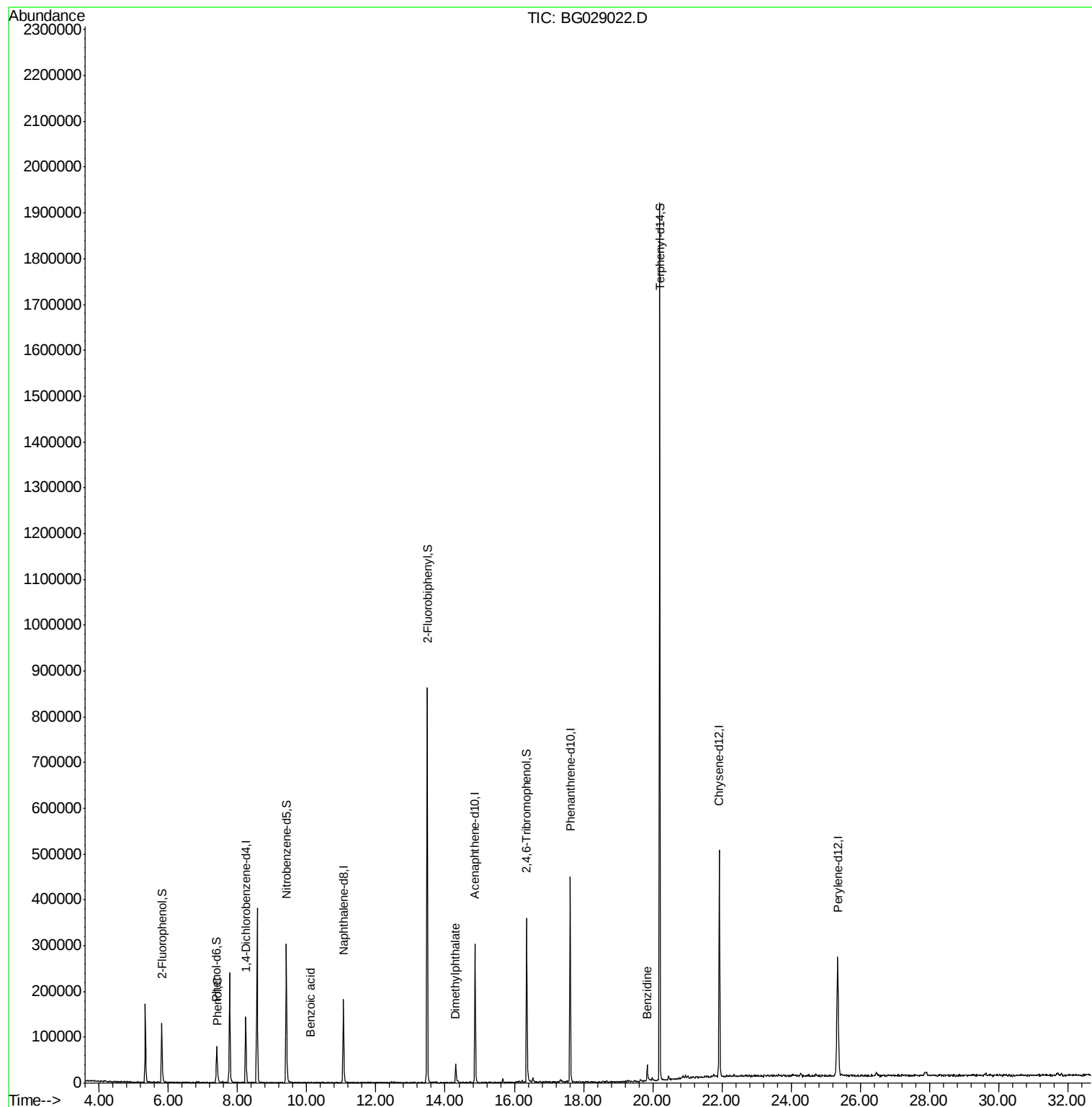
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	40897	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	152822	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	103830	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	281408	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	335320	20.00	ng	-0.11
86) Perylene-d12	25.35	264	319384	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	57436	23.17	ng	-0.09
7) Phenol-d6	7.40	99	49197	13.18	ng	-0.09
23) Nitrobenzene-d5	9.41	82	196477	61.50	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	85999	50.08	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	481191	61.80	ng	-0.08
78) Terphenyl-d14	20.20	244	928378	59.04	ng	-0.08
Target Compounds						
10) Phenol	7.43	94	8615	2.19	ng	Qvalue 82
32) Benzoic acid	10.11	122	67	6.12	ng	# 1
49) Dimethylphthalate	14.31	163	34749	3.99	ng	# 98
76) Benzidine	19.84	184	31998	3.68	ng	94

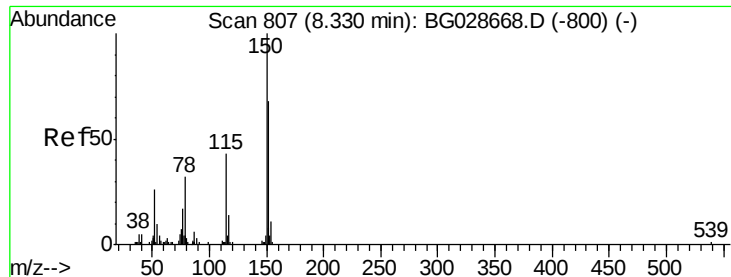
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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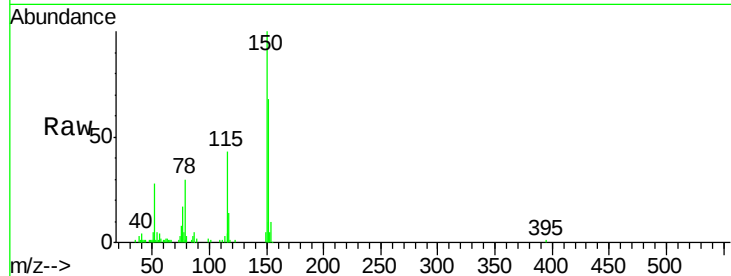


#1

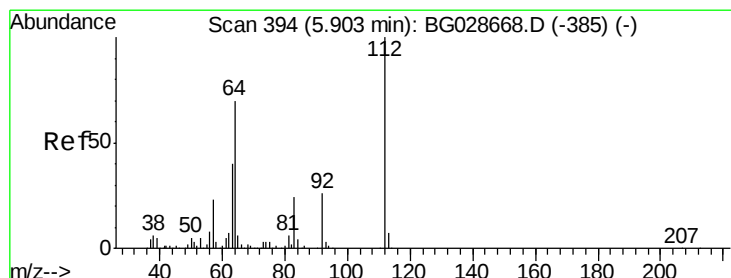
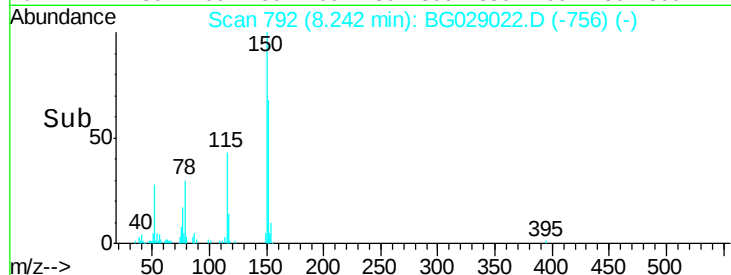
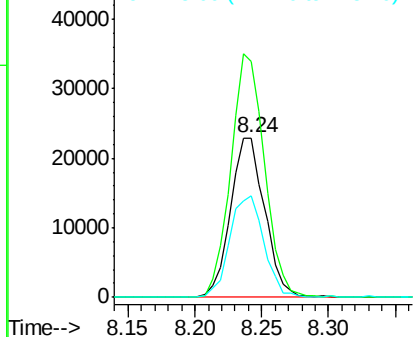
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	114.0	171.0
115	63.7	48.1	72.1



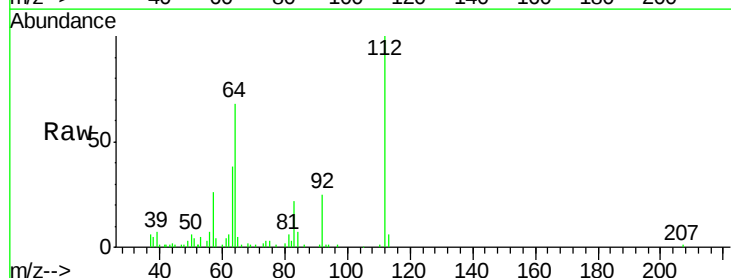
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



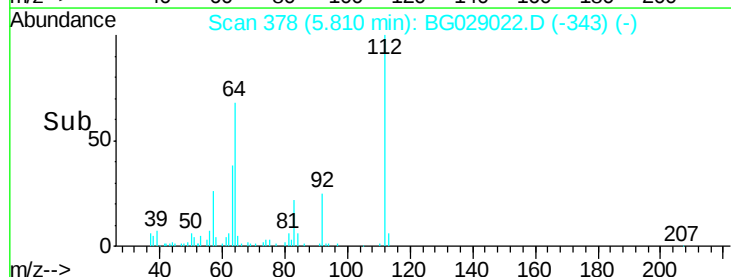
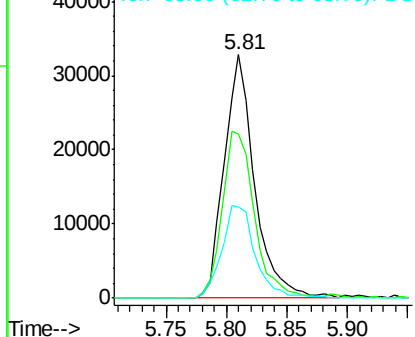
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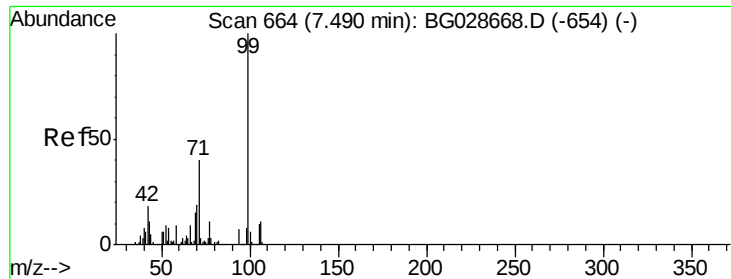
2-Fluorophenol
Concen: 23.17 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	61.8	92.6
63	37.7	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: 13.18 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029022.D

Acq: 4 Oct 2017 2:35

Instrument :

BNA_G

ClientSampleId :

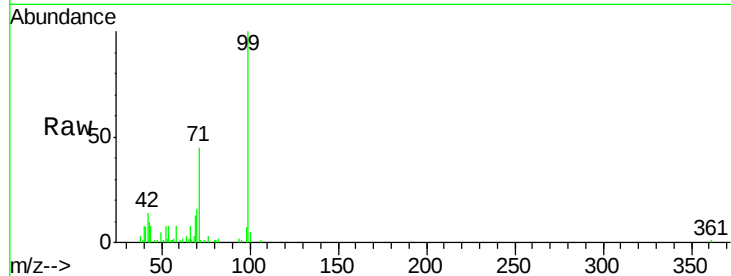
Tot Ion: 99 Resp: 49197

Ion Ratio Lower Upper

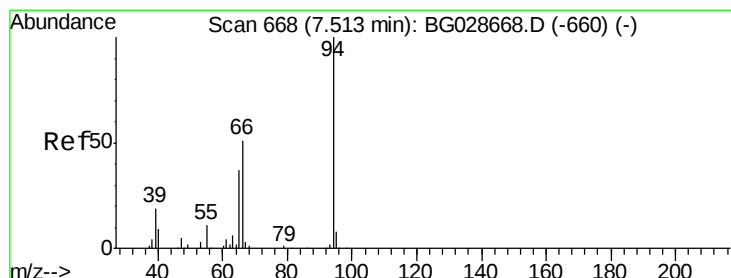
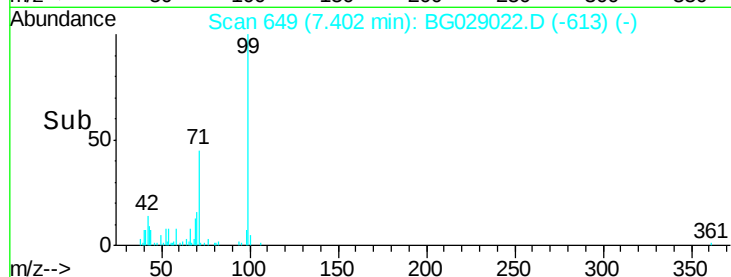
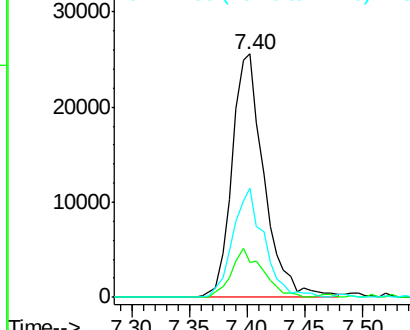
99 100

42 14.2 20.5 30.7#

71 44.6 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



#10

Phenol

Concen: 2.19 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.08 min

Lab File: BG029022.D

Acq: 4 Oct 2017 2:35

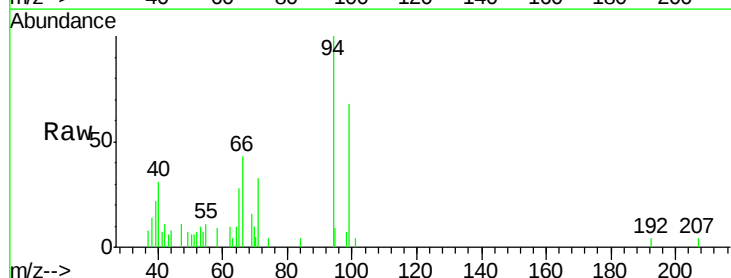
Tgt Ion: 94 Resp: 8615

Ion Ratio Lower Upper

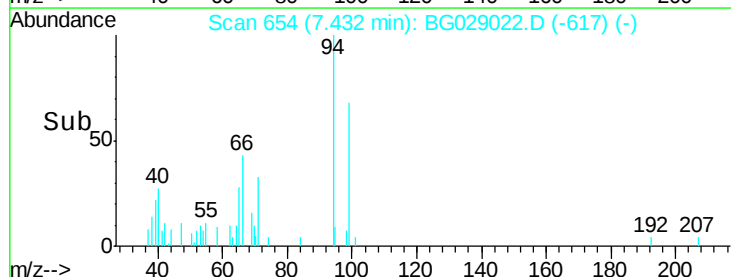
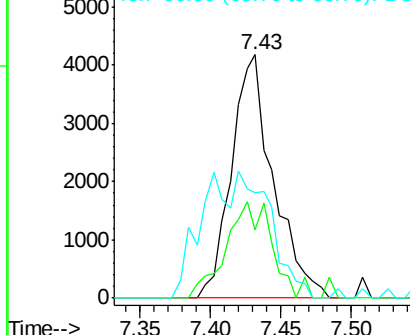
94 100

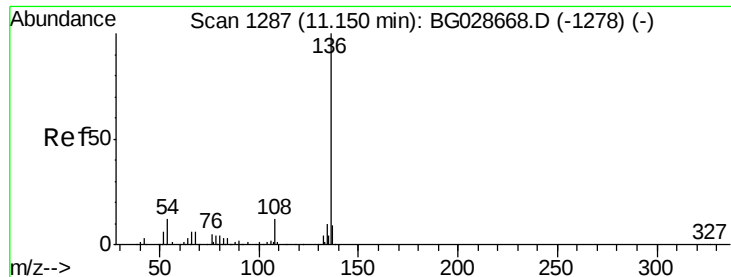
65 28.1 20.6 60.6

66 43.4 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

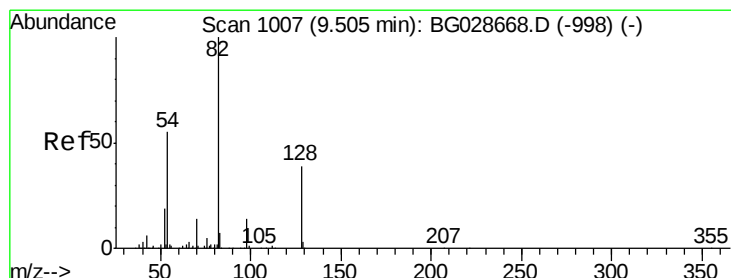
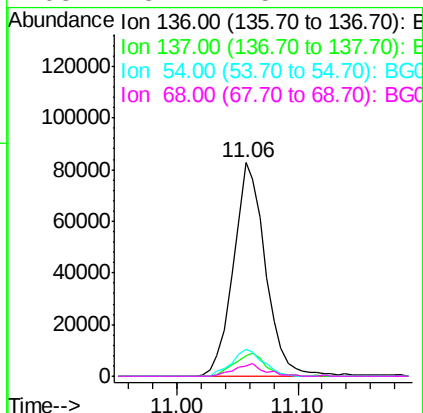
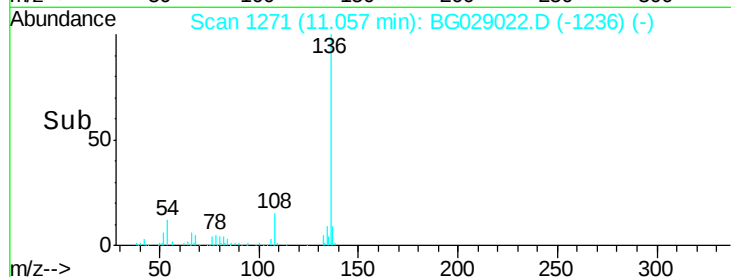
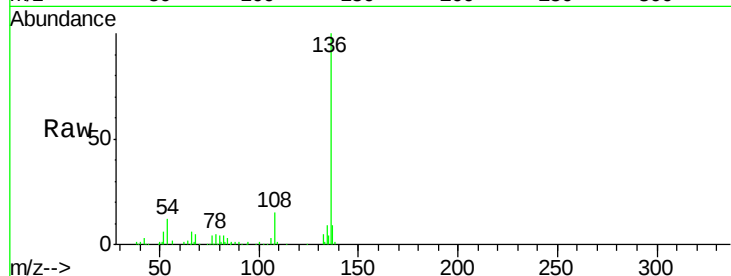




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

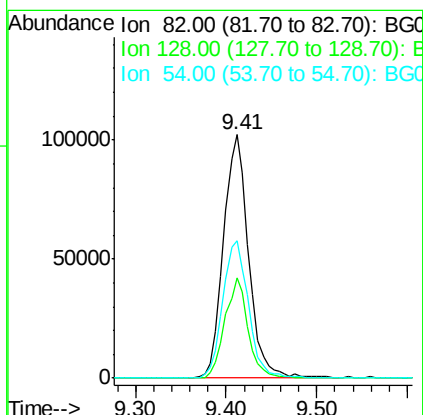
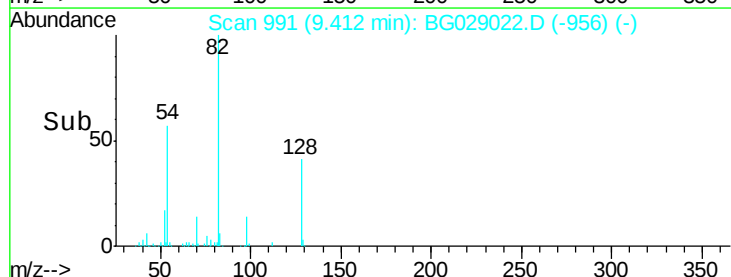
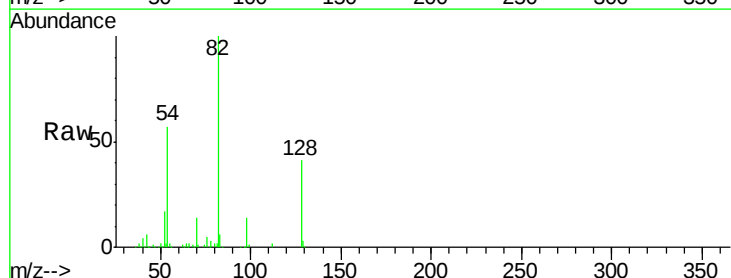
Instrument :
BNA_G
ClientSampleId :

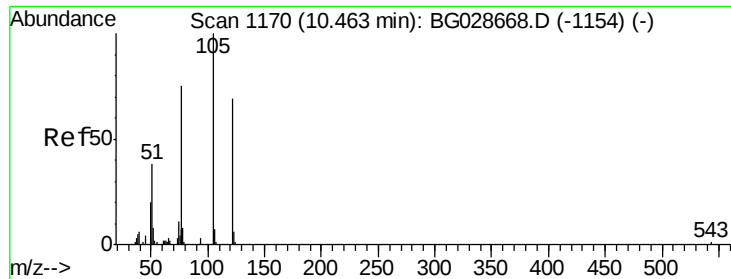
Tot Ion:136	Resp:	152822
Ion Ratio	Lower	Upper
136	100	
137	9.3	8.9 13.3
54	12.5	9.3 13.9
68	5.1	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 61.50 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion: 82	Resp:	196477
Ion Ratio	Lower	Upper
82	100	
128	41.1	26.4 39.6#
54	56.7	49.4 74.2

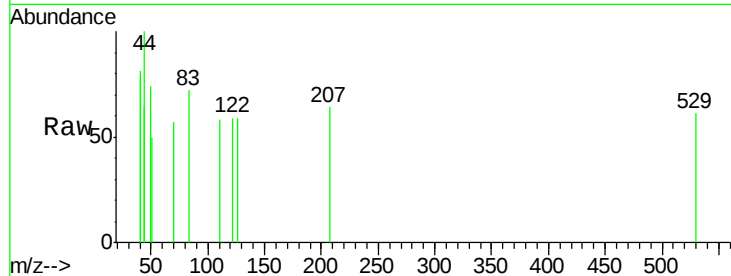




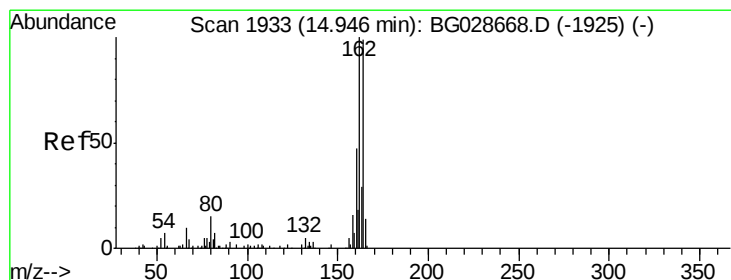
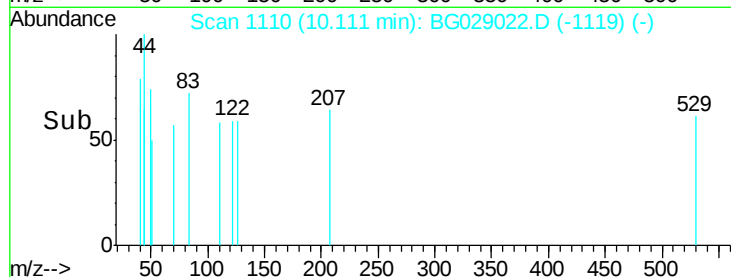
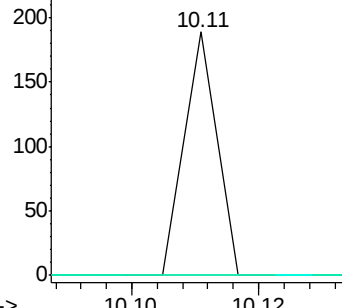
#32
Benzoic acid
Concen: 6.12 ng
RT: 10.11 min Scan# 1110
Delta R.T. -0.35 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

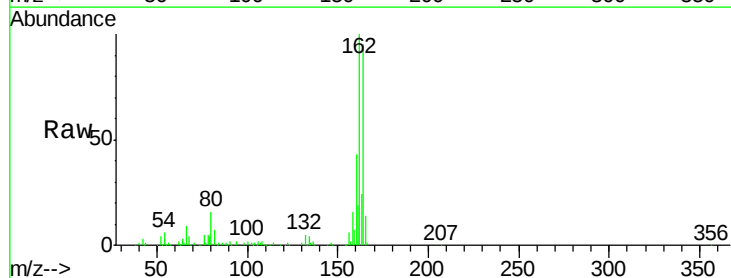


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

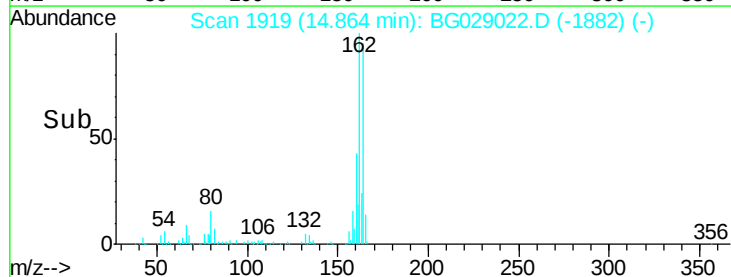
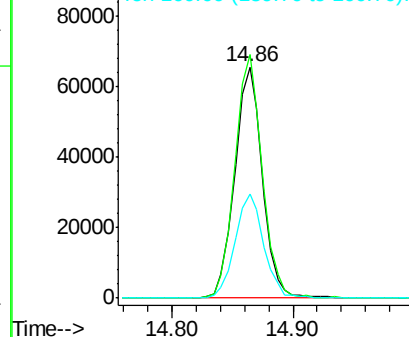


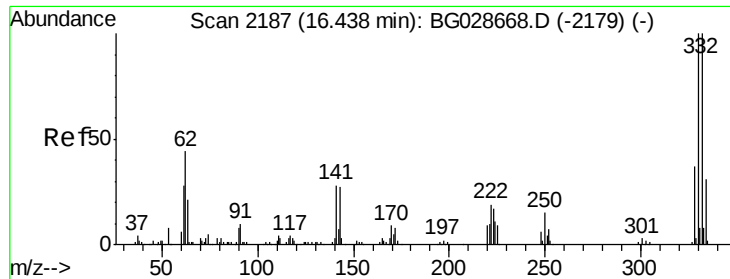
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.86 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion:164 Resp: 103830
Ion Ratio Lower Upper
164 100
162 105.3 85.1 127.7
160 45.1 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

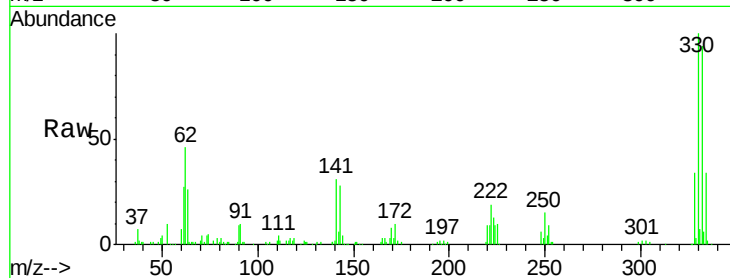




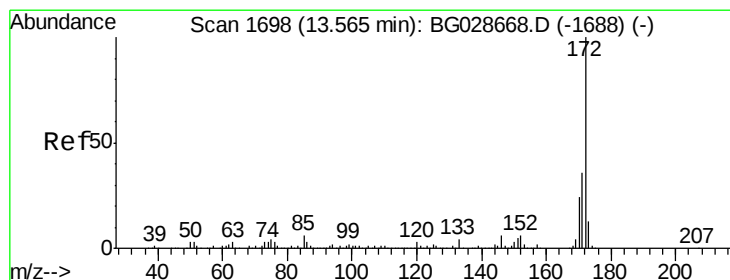
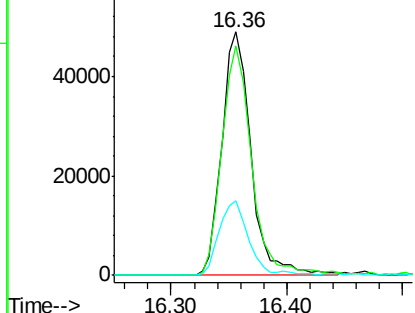
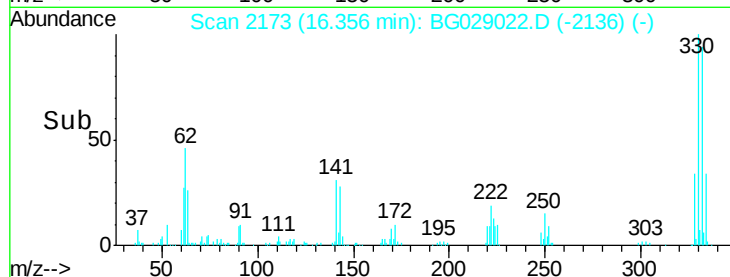
#41
 2,4,6-Tribromophenol
 Concen: 50.08 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029022.D
 Acq: 4 Oct 2017 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.4	32.1	48.1#

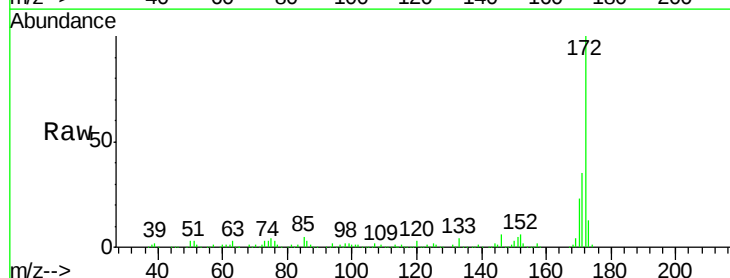


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

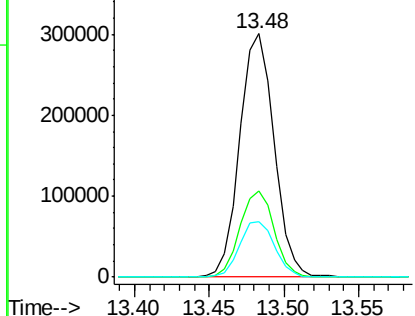
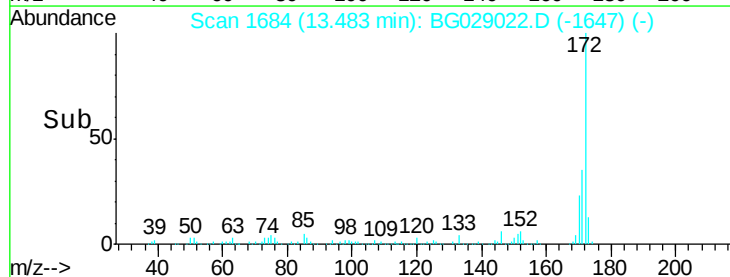


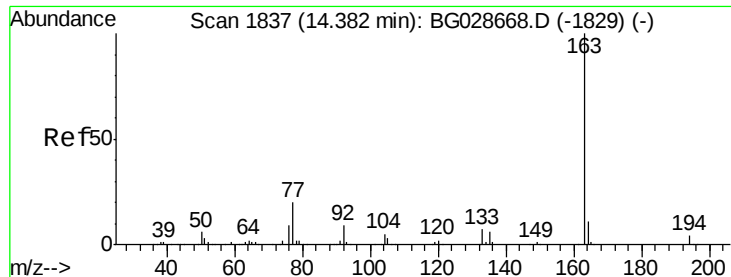
#44
 2-Fluorobiphenyl
 Concen: 61.80 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029022.D
 Acq: 4 Oct 2017 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	22.8	21.8	32.6



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

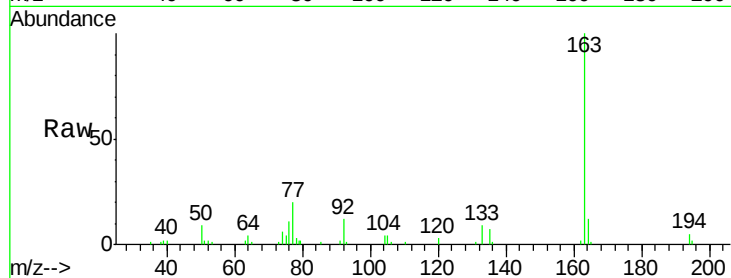




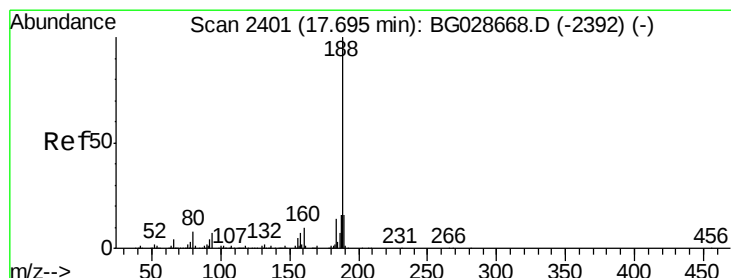
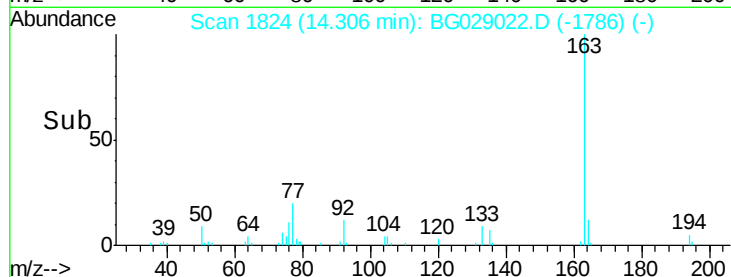
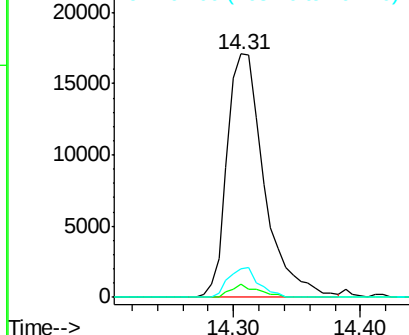
#49
Dimethylphthalate
Concen: 3.99 ng
RT: 14.31 min Scan# 1824
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 34749
Ion Ratio Lower Upper
163 100
194 6.8 3.8 5.6#
164 11.6 9.3 13.9

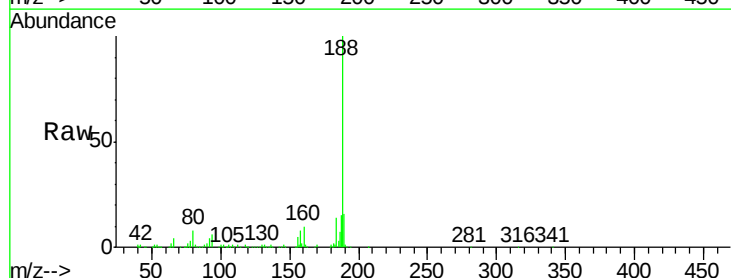


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

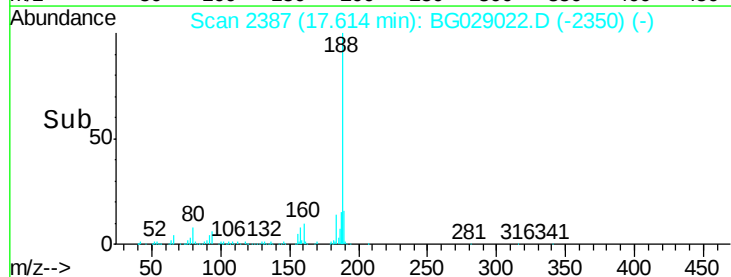
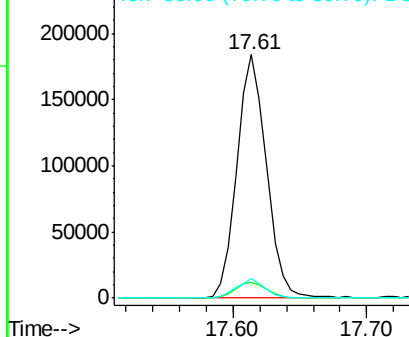


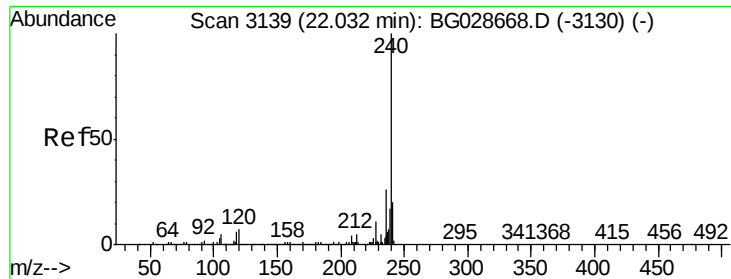
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion:188 Resp: 281408
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 8.0 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

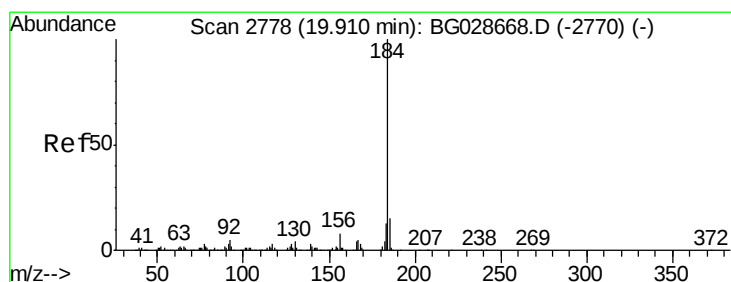
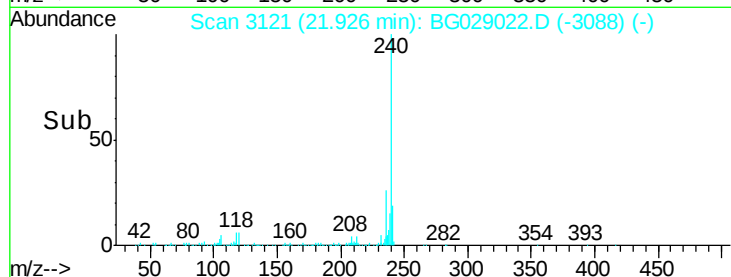
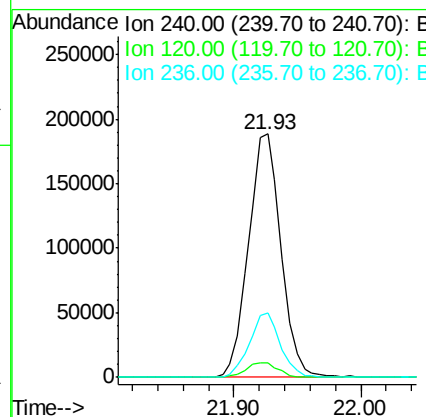
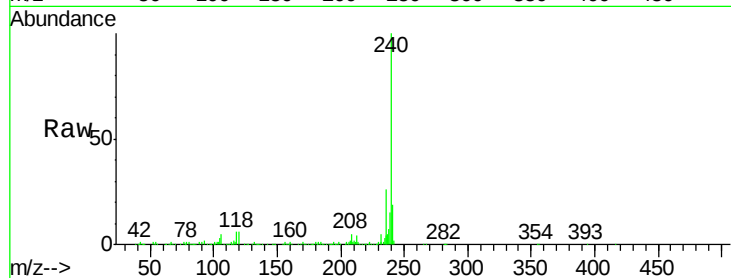




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.93 min Scan# 3121
 Delta R.T. -0.11 min
 Lab File: BG029022.D
 Acq: 4 Oct 2017 2:35

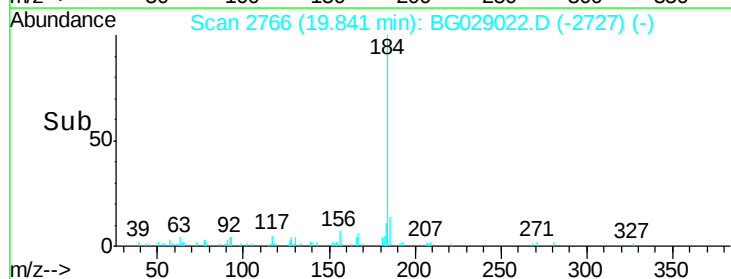
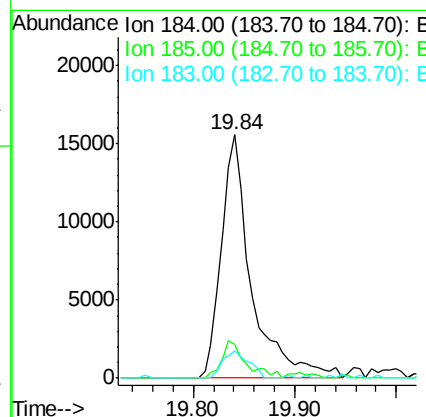
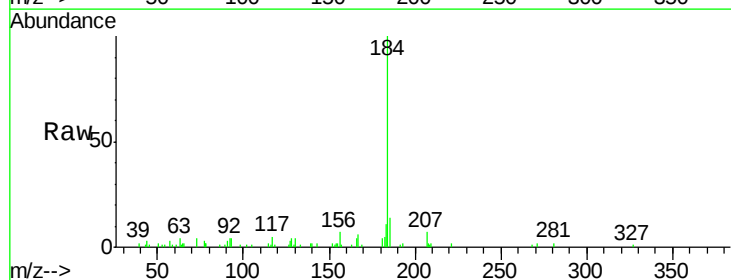
Instrument :
 BNA_G
 ClientSampleId :

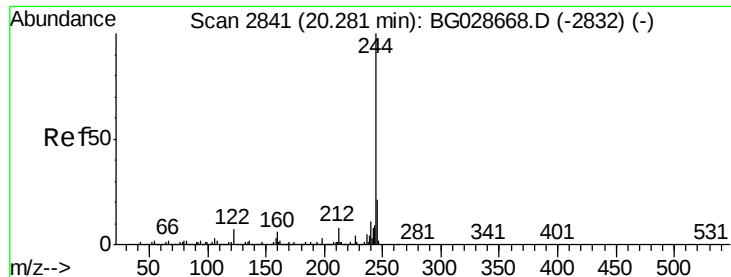
Tot Ion:240 Resp: 335320
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.7 8.5
 236 26.2 22.2 33.4



#76
 Benzidine
 Concen: 3.68 ng
 RT: 19.84 min Scan# 2766
 Delta R.T. -0.07 min
 Lab File: BG029022.D
 Acq: 4 Oct 2017 2:35

Tgt Ion:184 Resp: 31998
 Ion Ratio Lower Upper
 184 100
 185 14.0 13.0 19.6
 183 11.4 11.0 16.6





#78

Terphenyl-d14

Concen: 59.04 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029022.D

Acq: 4 Oct 2017 2:35

Instrument :

BNA_G

ClientSampleId :

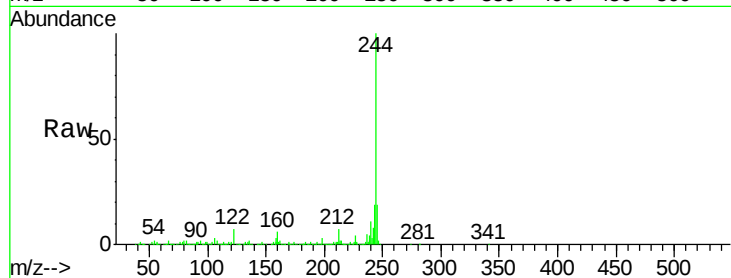
Tot Ion:244 Resp: 928378

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

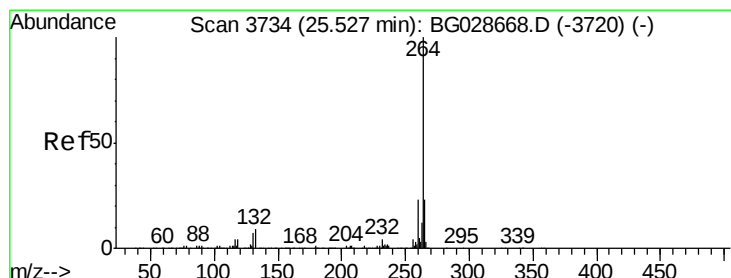
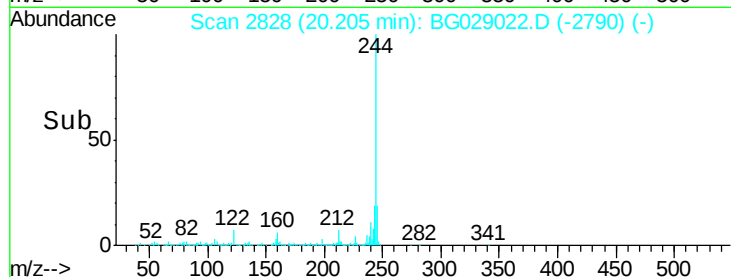
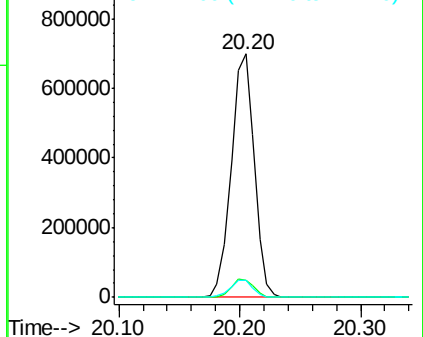
122 7.2 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3703

Delta R.T. -0.18 min

Lab File: BG029022.D

Acq: 4 Oct 2017 2:35

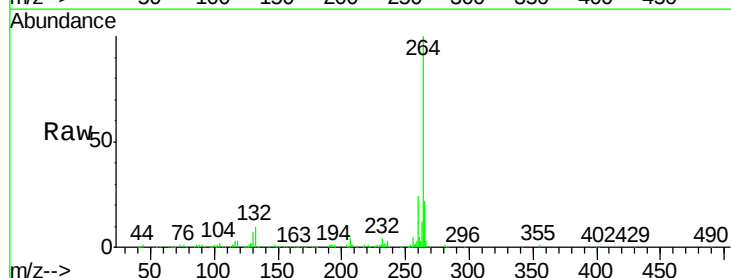
Tgt Ion:264 Resp: 319384

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 22.3 18.2 27.4



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

