

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090616\
 Data File : BG023948.D
 Acq On : 6 Sep 2016 14:59
 Operator : UM/SJ
 Sample : PB93238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 15:34:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

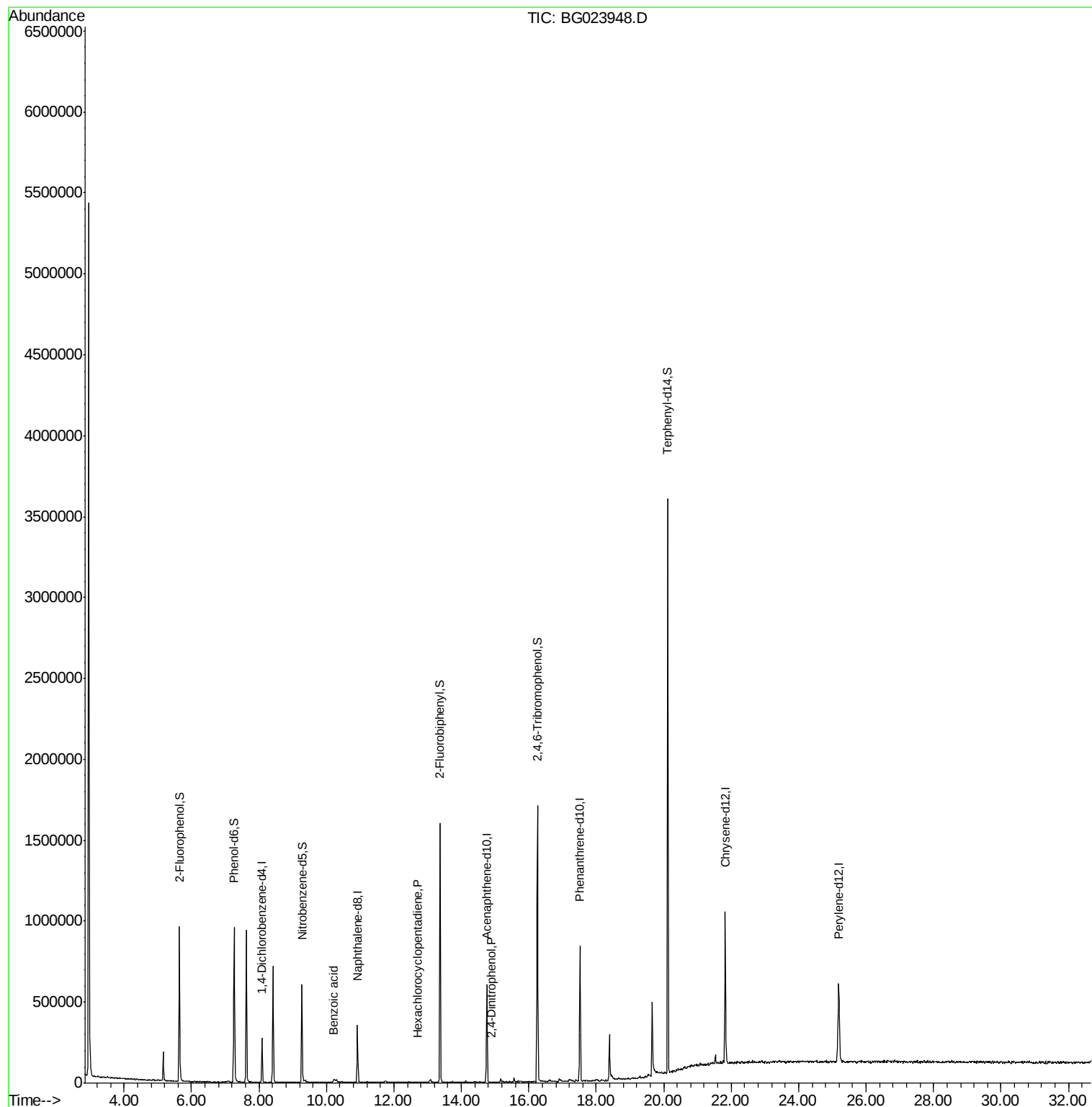
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	62325	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	266441	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	195556	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	519719	20.00	ng	0.00
75) Chrysene-d12	21.82	240	599611	20.00	ng	-0.02
86) Perylene-d12	25.18	264	596002	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	345729	97.39	ng	0.00
7) Phenol-d6	7.26	99	495969	90.76	ng	0.00
23) Nitrobenzene-d5	9.27	82	366503	61.41	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	304807	86.51	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	768209	56.32	ng	0.00
78) Terphenyl-d14	20.12	244	1389227	52.76	ng	-0.01
Target Compounds						
32) Benzoic acid	10.20	122	8197	2.43	ng	# 86
40) Hexachlorocyclopentadiene	12.71	237	57	7.10	ng	# 26
53) 2,4-Dinitrophenol	14.89	184	60	6.53	ng	# 10

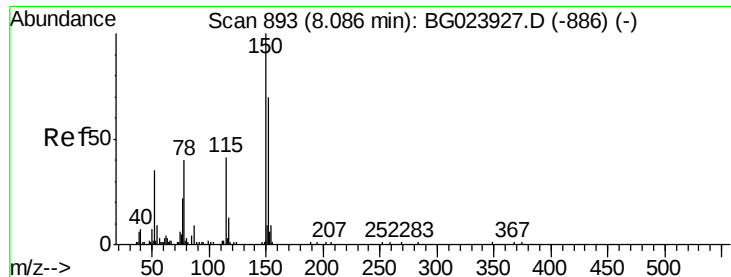
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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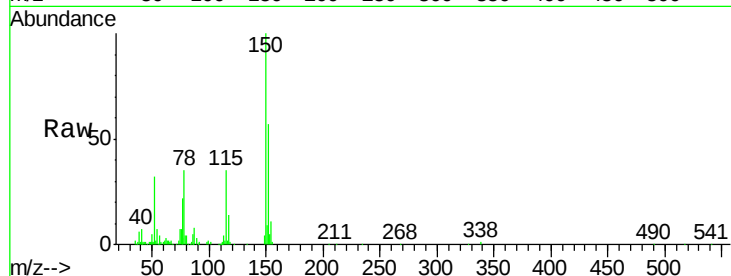


#1

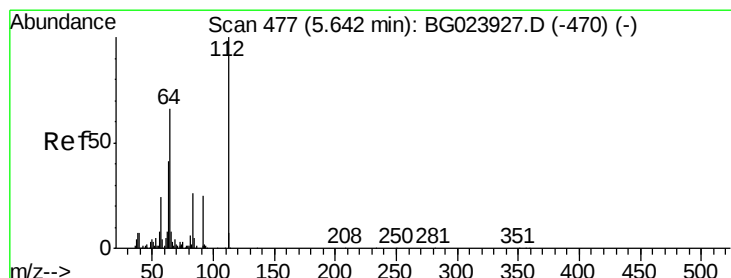
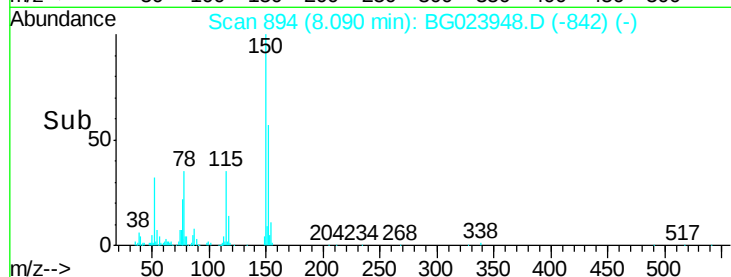
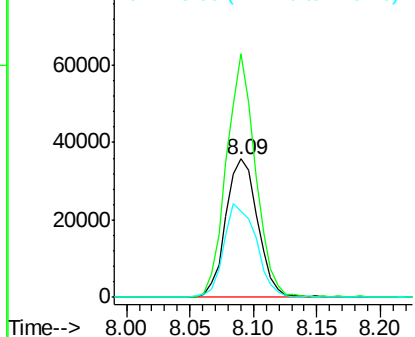
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG023948.D
Acq: 6 Sep 2016 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62325
Ion Ratio Lower Upper
152 100
150 175.9 144.7 217.1
115 62.0 64.0 96.0#



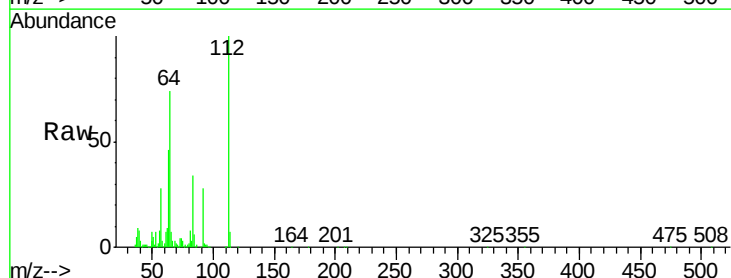
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



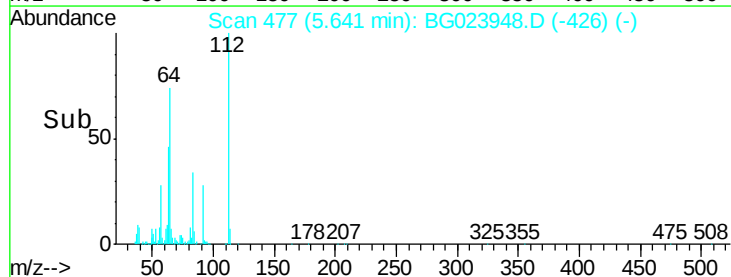
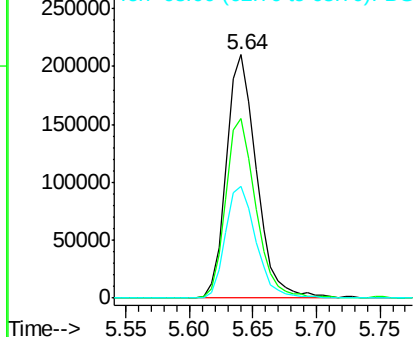
#5

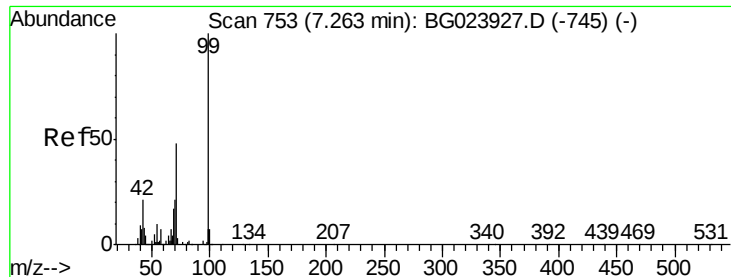
2-Fluorophenol
Concen: 97.39 ng
RT: 5.64 min Scan# 477
Delta R.T. -0.00 min
Lab File: BG023948.D
Acq: 6 Sep 2016 14:59

Tgt Ion:112 Resp: 345729
Ion Ratio Lower Upper
112 100
64 74.0 59.0 88.4
63 46.1 37.8 56.8



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: 90.76 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.00 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Instrument :

BNA_G

ClientSampleId :

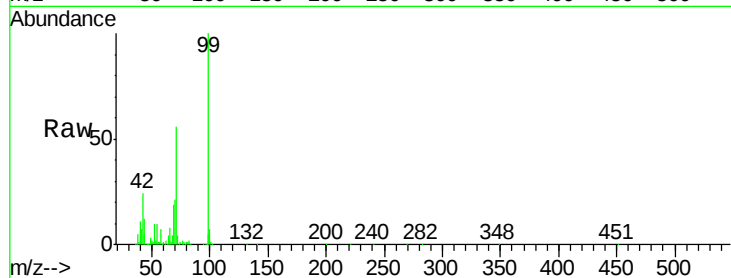
Tot Ion: 99 Resp: 495969

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.8	26.6
71	56.3	41.5	62.3

99 100

42 23.7 17.8 26.6

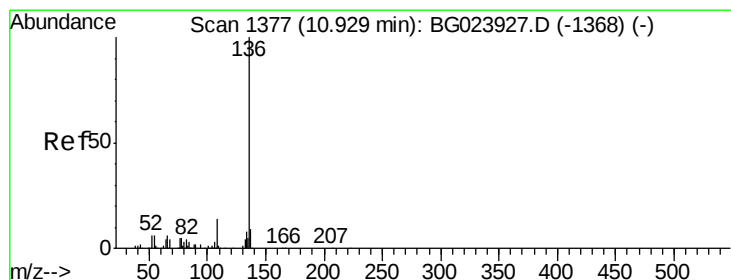
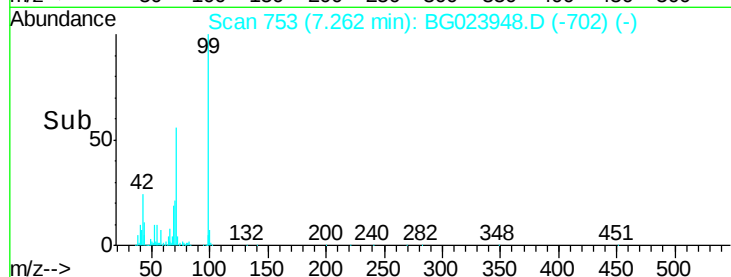
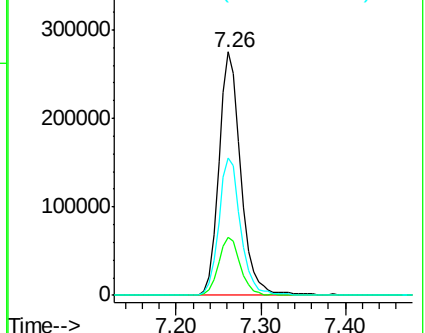
71 56.3 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Tgt Ion: 136 Resp: 266441

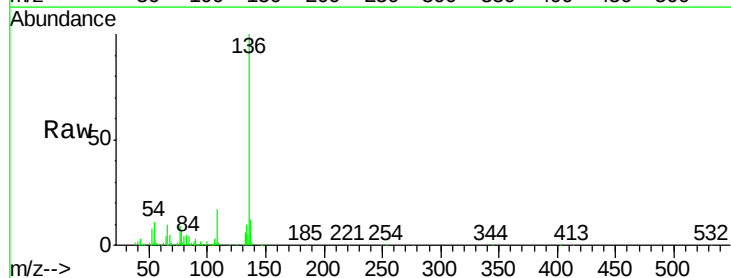
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.5	7.3	10.9
68	6.2	5.3	7.9

136 100

137 12.2 9.6 14.4

54 10.5 7.3 10.9

68 6.2 5.3 7.9

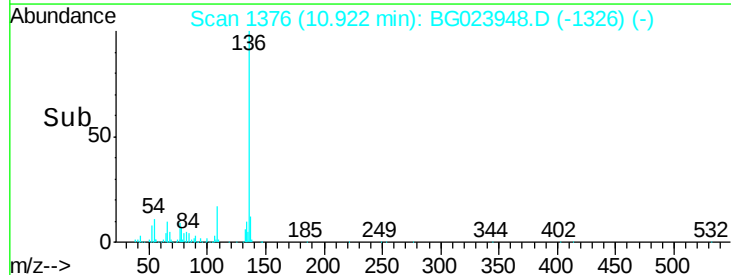
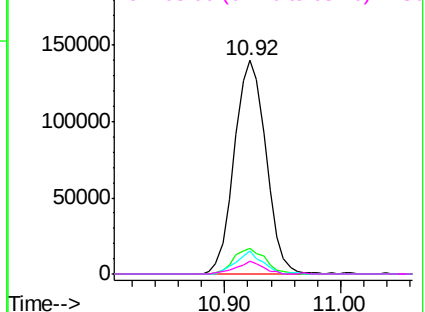


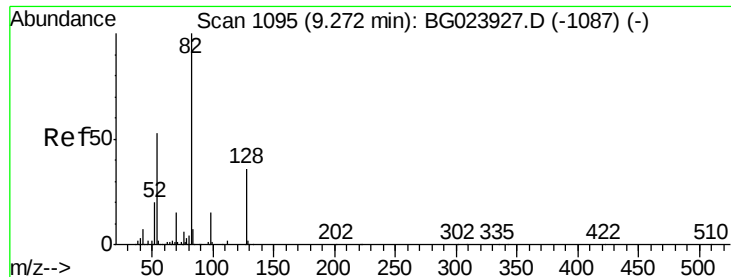
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

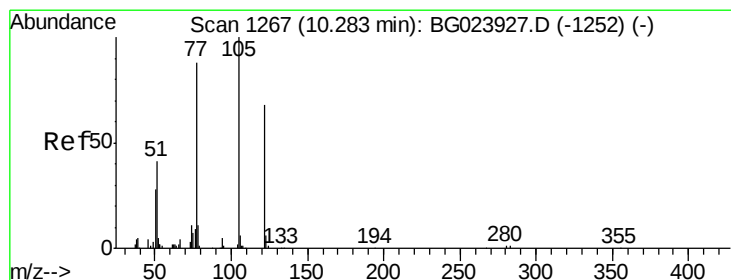
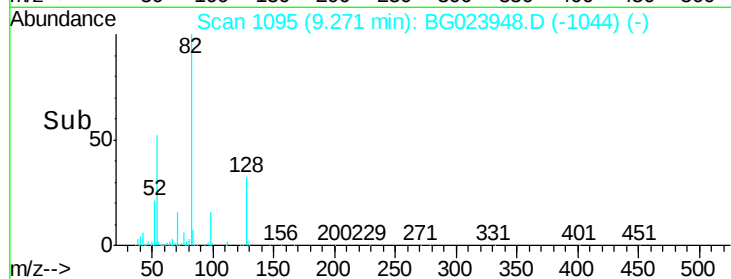
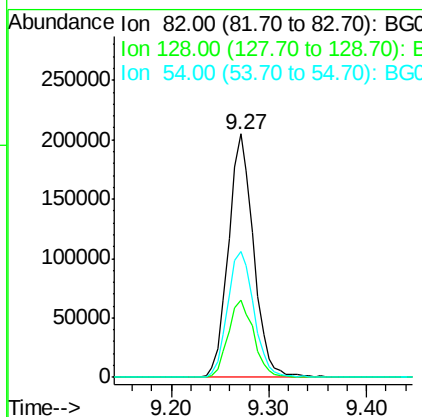
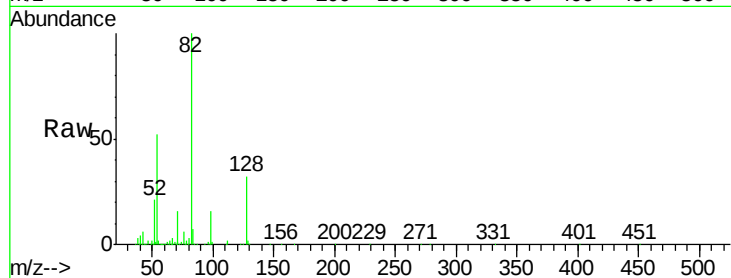




#23
 Nitrobenzene-d5
 Concen: 61.41 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

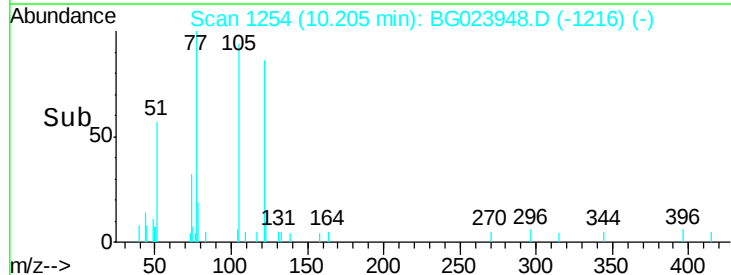
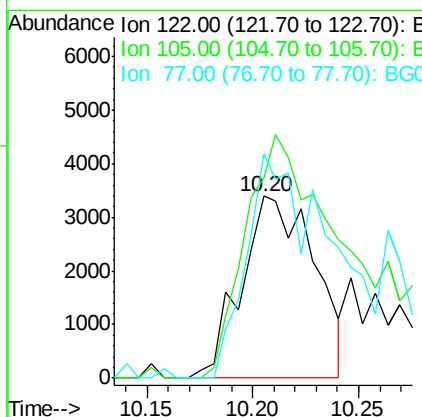
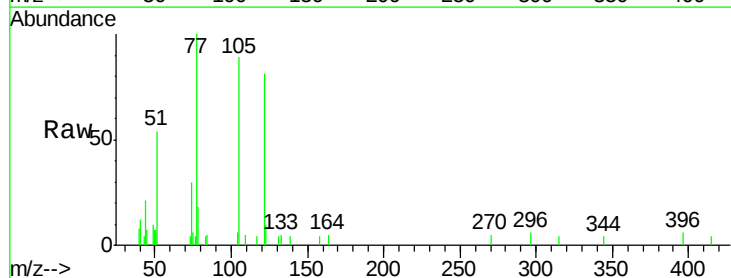
Instrument :
 BNA_G
 ClientSampleId :

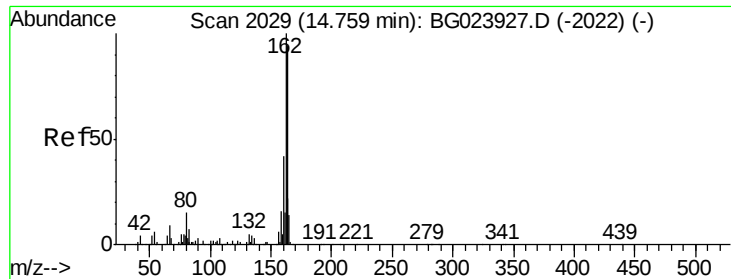
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	51.8	41.4	62.0



#32
 Benzoic acid
 Concen: 2.43 ng
 RT: 10.20 min Scan# 1254
 Delta R.T. -0.08 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.2	117.2	157.2#
77	123.6	109.2	149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Instrument :

BNA_G

ClientSampleId :

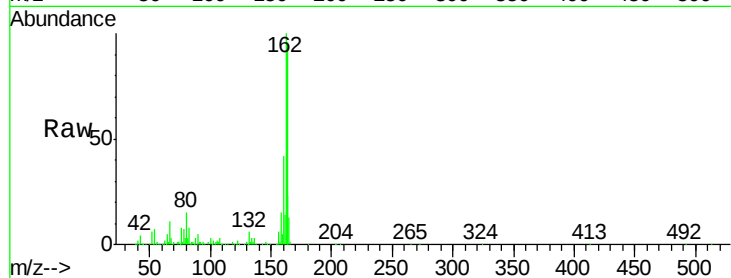
Tot Ion:164 Resp: 195556

Ion Ratio Lower Upper

164 100

162 104.2 87.7 131.5

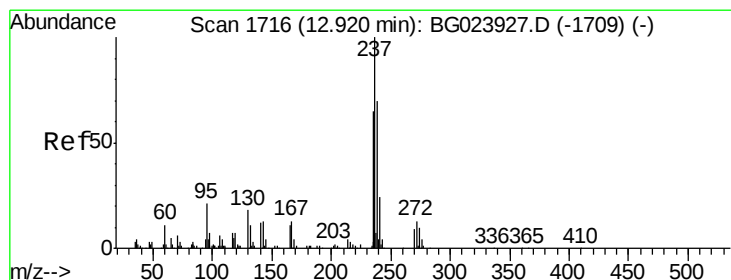
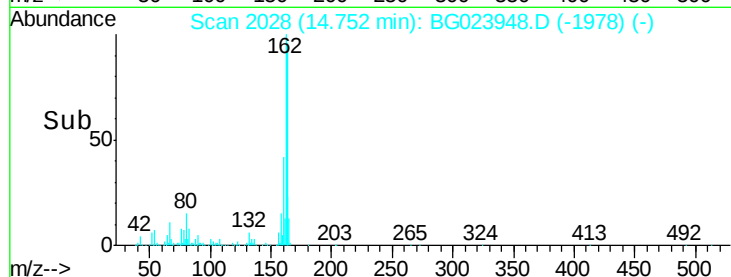
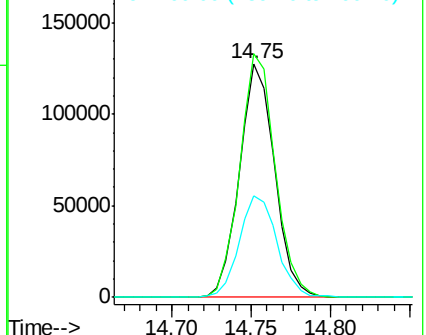
160 43.7 37.2 55.8



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: 7.10 ng

RT: 12.71 min Scan# 1680

Delta R.T. -0.21 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

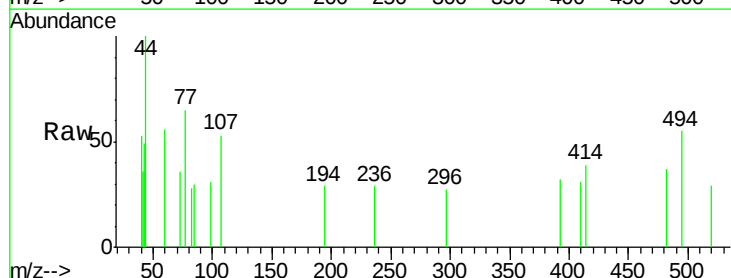
Tgt Ion:237 Resp: 57

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

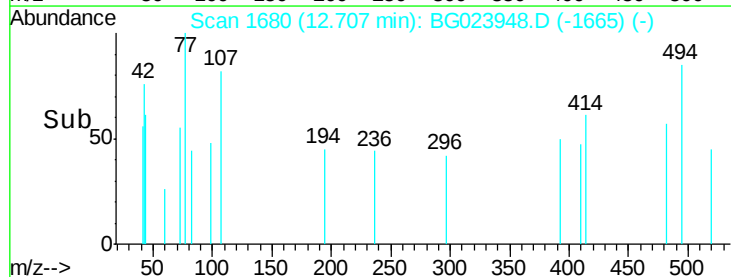
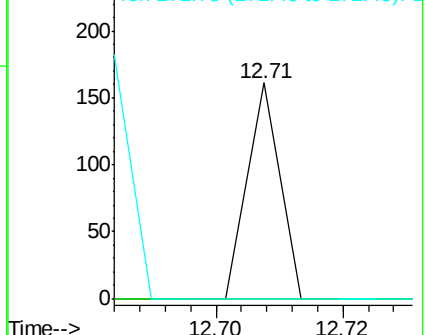
272 0.0 0.0 30.9

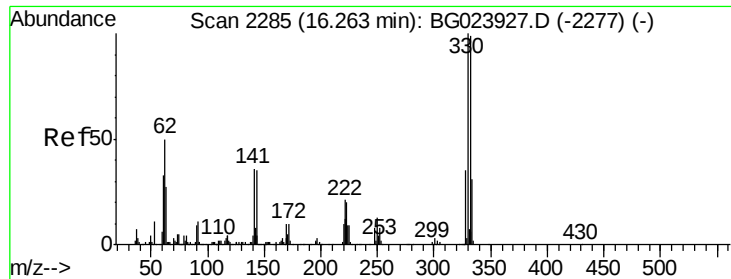


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

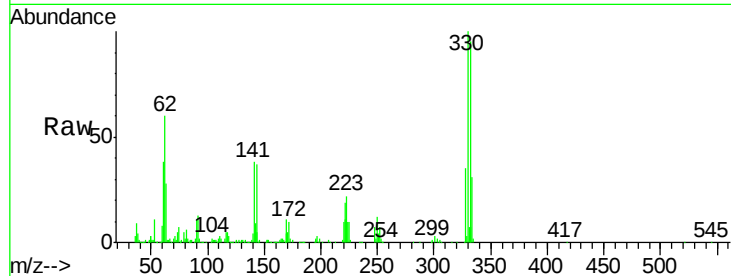




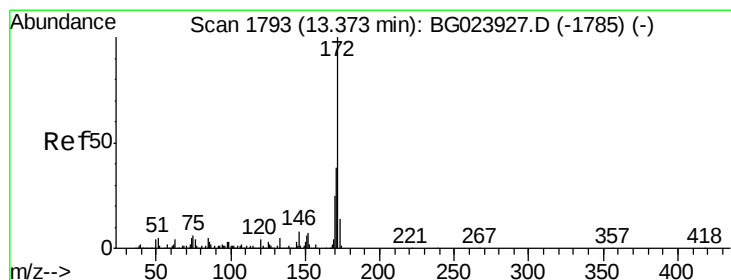
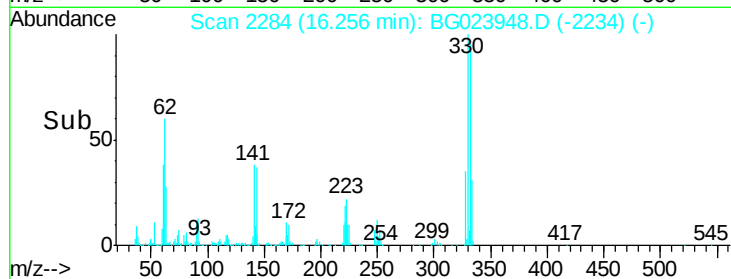
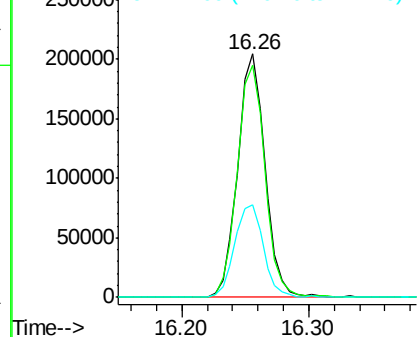
#41
 2,4,6-Tribromophenol
 Concen: 86.51 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	40.1	31.7	47.5

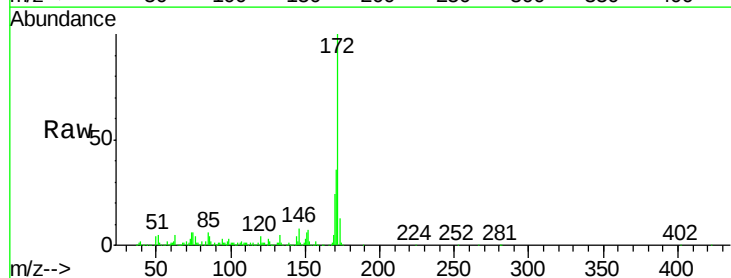


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

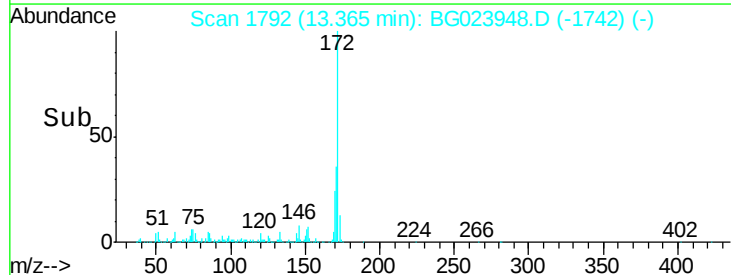
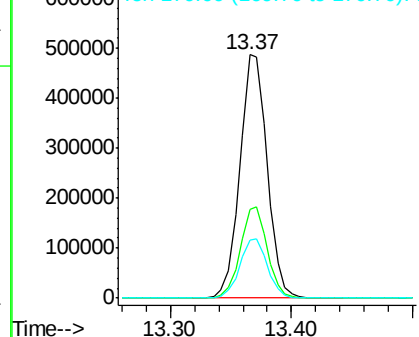


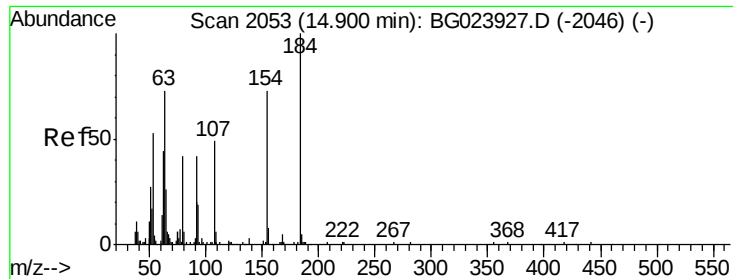
#44
 2-Fluorobiphenyl
 Concen: 56.32 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.6	47.4
170	23.9	21.3	31.9



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

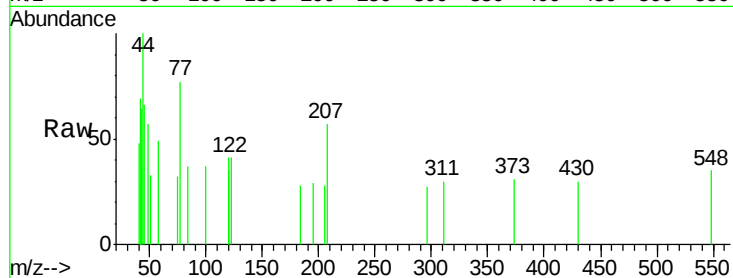




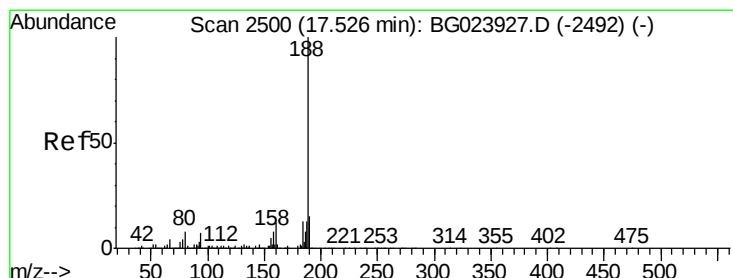
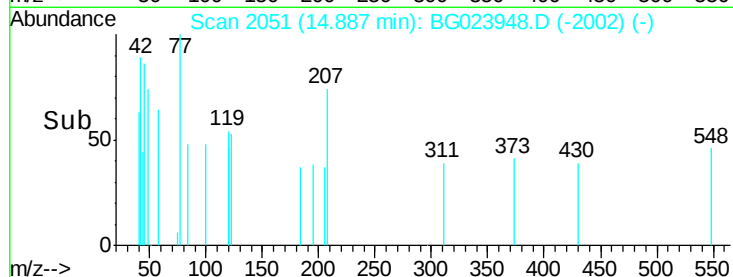
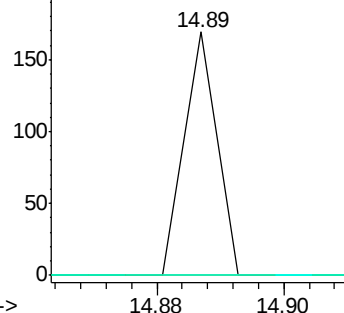
#53
 2,4-Dinitrophenol
 Concen: 6.53 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 60
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#

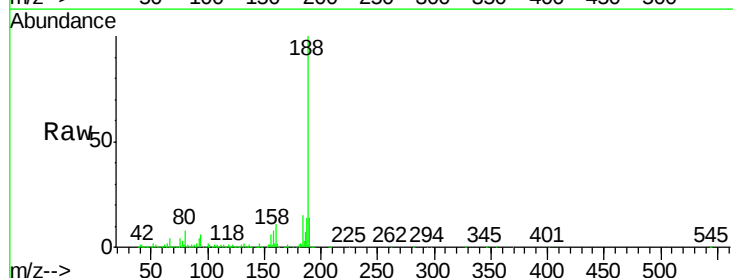


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

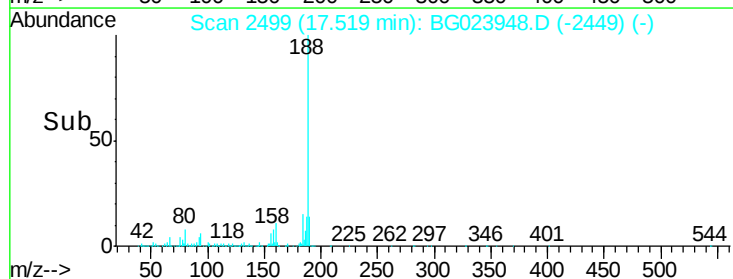
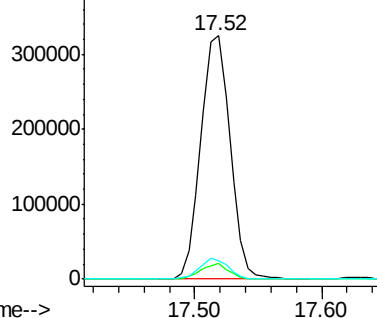


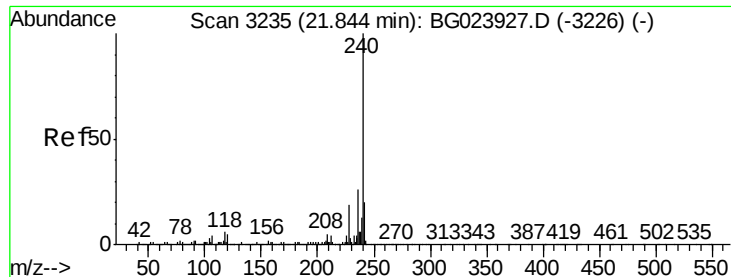
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Tgt Ion:188 Resp: 519719
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.2 7.8
 80 7.7 7.2 10.8



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Instrument :

BNA_G

ClientSampleId :

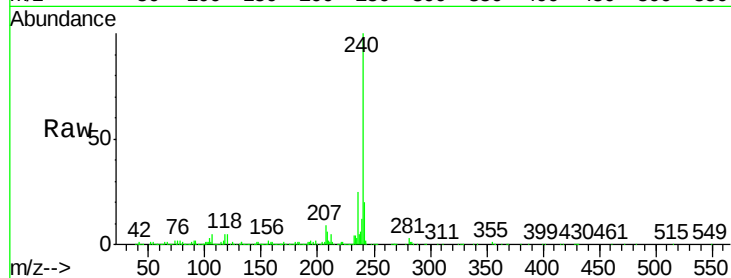
Tot Ion:240 Resp: 599611

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

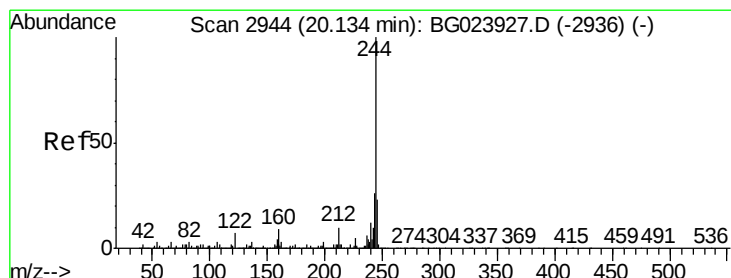
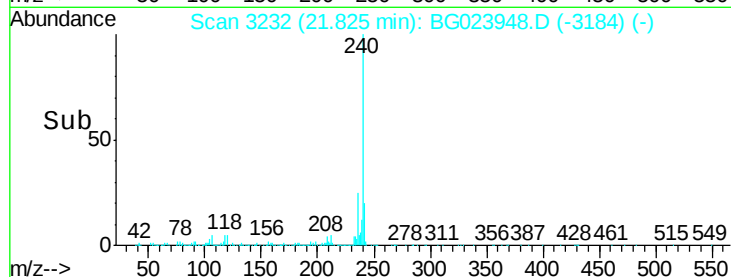
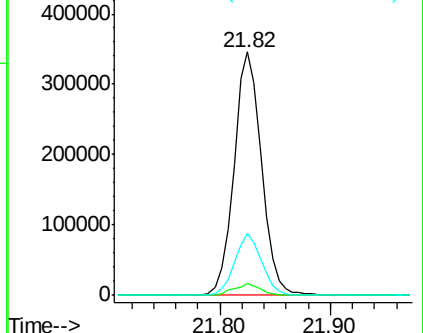
236 25.3 21.1 31.7



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: 52.76 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

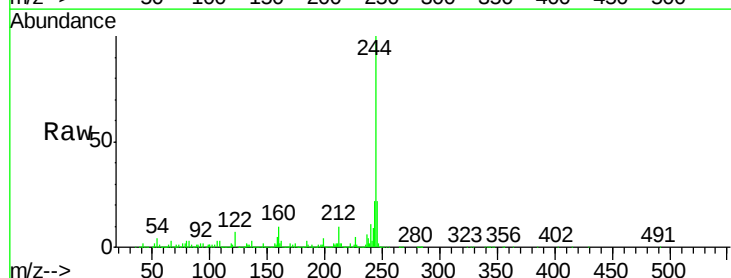
Tgt Ion:244 Resp: 1389227

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

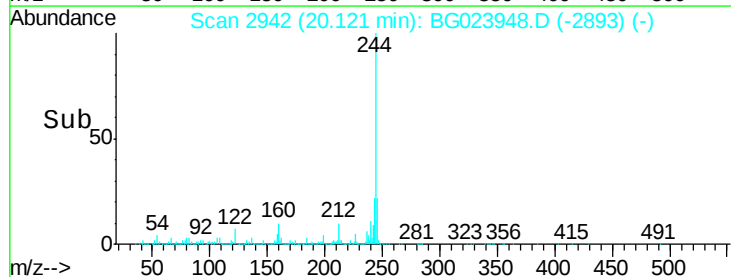
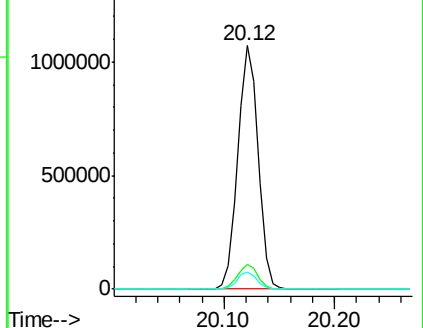
122 7.1 8.0 12.0#

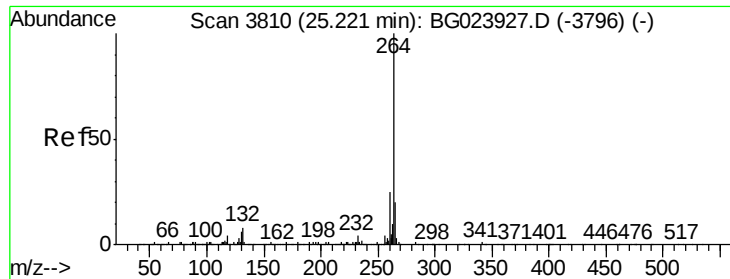


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.18 min Scan# 3804
 Delta R.T. -0.04 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.8	18.9	28.3

