

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025381.D
 Acq On : 22 Dec 2016 9:31
 Operator : UM/SJ
 Sample : H6166-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 13:05:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

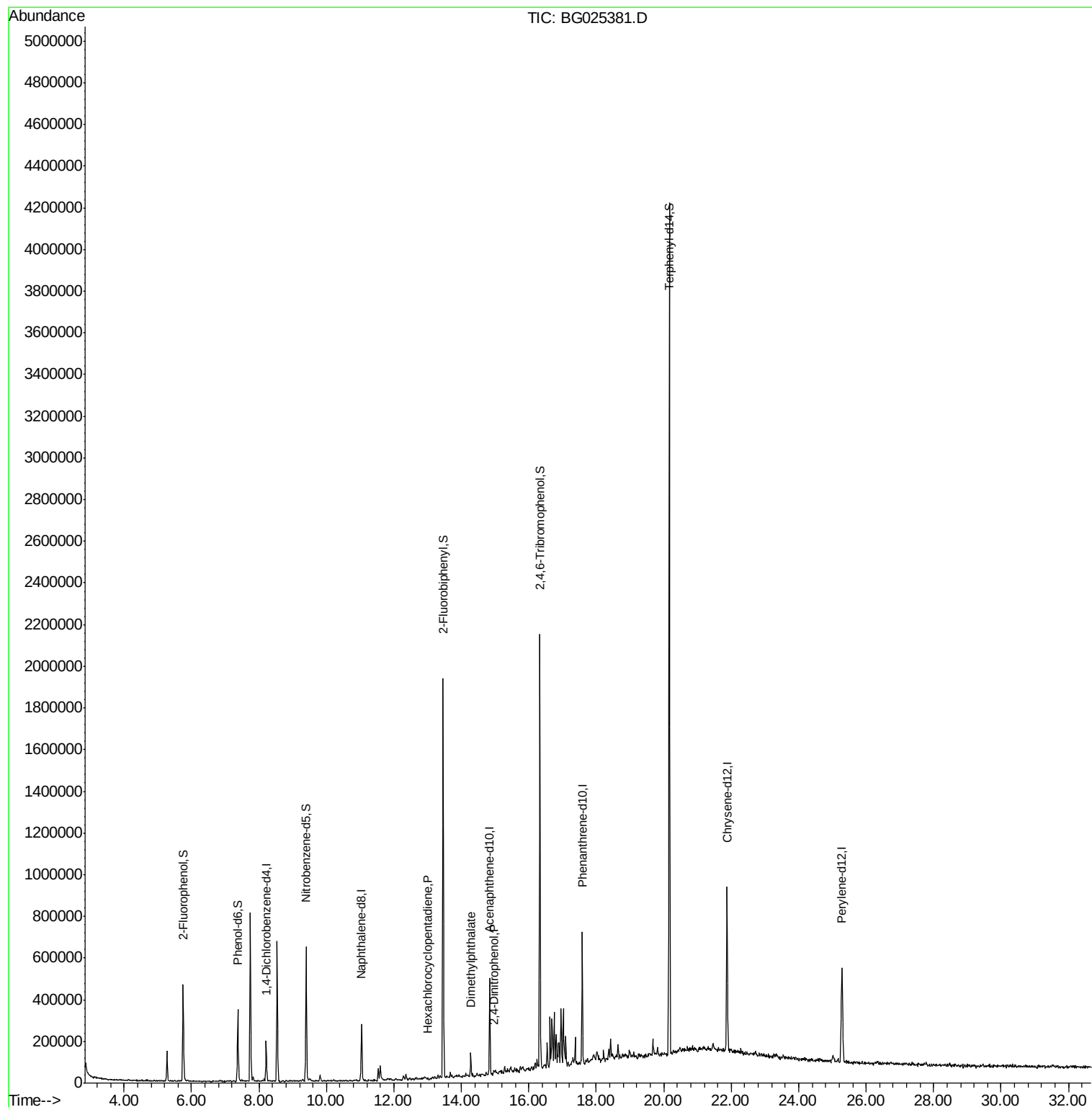
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49743	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	213680	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	174354	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	388617	20.00	ng	0.00
75) Chrysene-d12	21.87	240	547754	20.00	ng	0.00
86) Perylene-d12	25.28	264	564201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	186842	68.27	ng	0.00
7) Phenol-d6	7.37	99	190662	49.47	ng	0.00
23) Nitrobenzene-d5	9.39	82	407582	84.26	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	407470	145.16	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	942053	87.48	ng	0.00
78) Terphenyl-d14	20.16	244	1689989	81.80	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.00	237	66	8.54	ng	# 29
49) Dimethylphthalate	14.28	163	70167	5.52	ng	# 93
53) 2,4-Dinitrophenol	14.96	184	64	5.11	ng	# 1

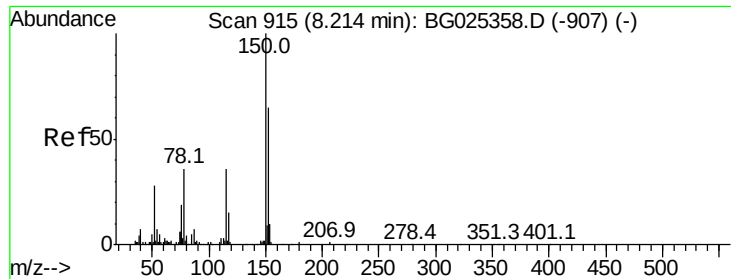
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025381.D
Acq On : 22 Dec 2016 9:31
Operator : UM/SJ
Sample : H6166-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 22 13:05:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration



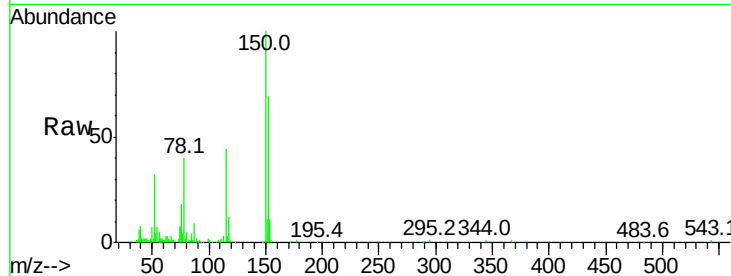


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	114.0	171.0
115	64.0	48.1	72.1



Abundance

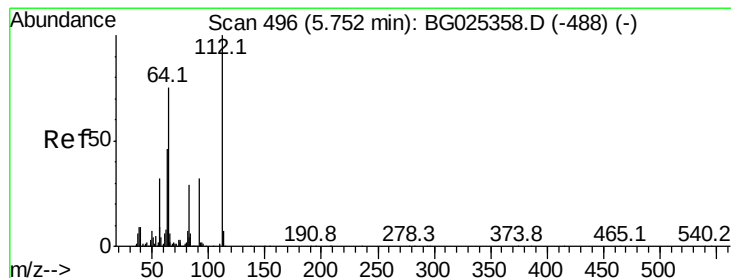
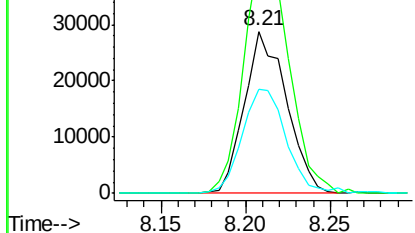
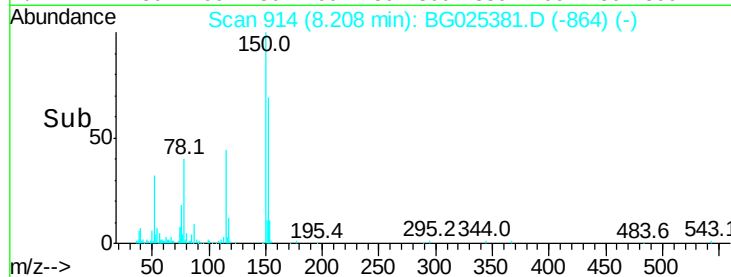
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.21

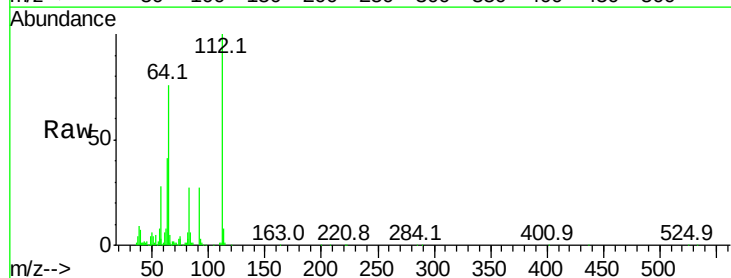
Time-->



#5

2-Fluorophenol
Concen: 68.27 ng
RT: 5.75 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.6	61.8	92.6
63	41.4	37.2	55.8



Abundance

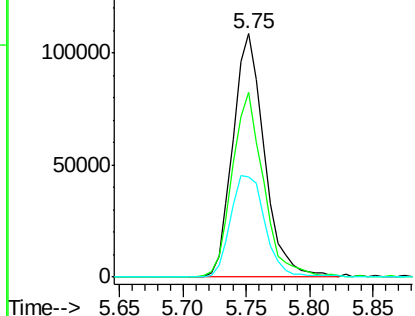
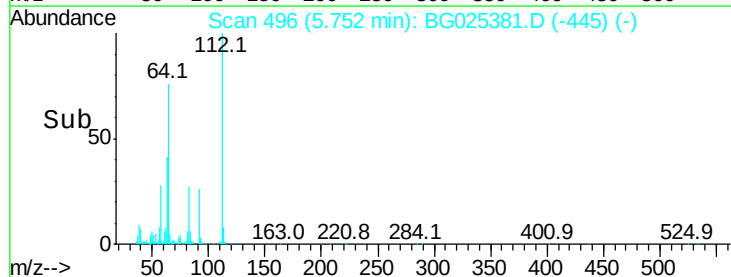
Ion 112.00 (111.70 to 112.70): E

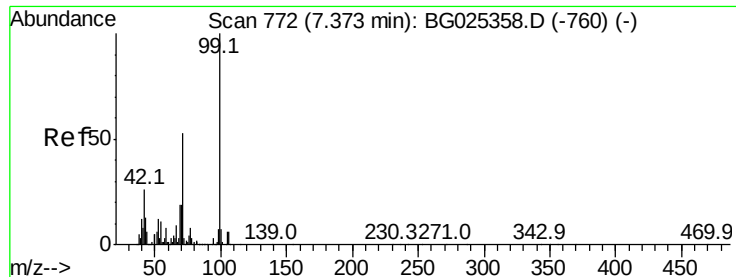
Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

5.75

Time-->





#7

Phenol-d6

Concen: 49.47 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

Instrument :

BNA_G

ClientSampleId :

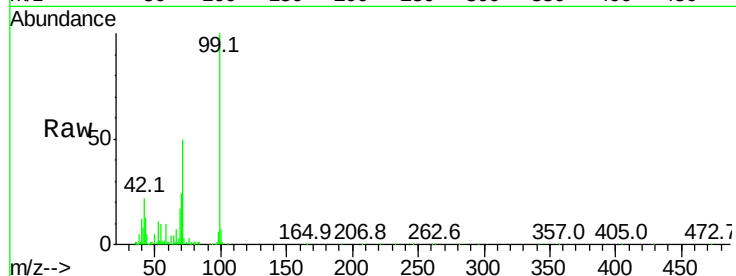
Tot Ion: 99 Resp: 190662

Ion Ratio Lower Upper

99 100

42 22.3 20.5 30.7

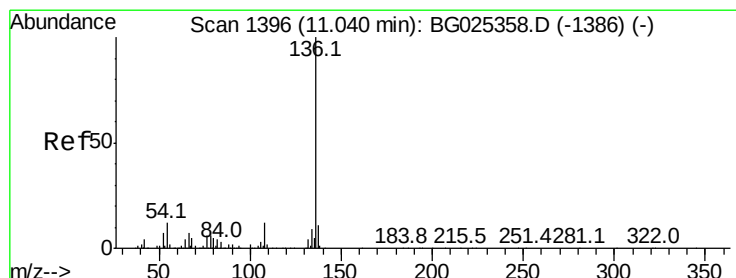
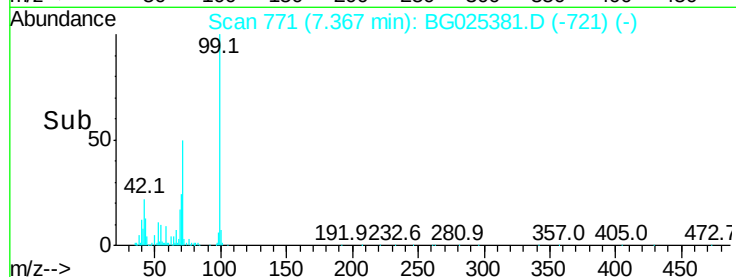
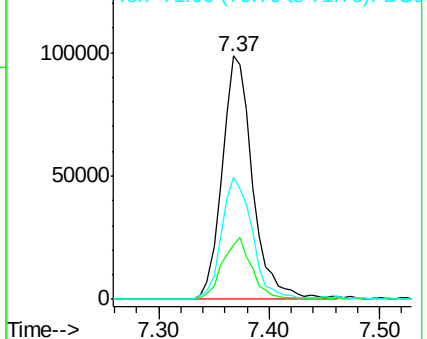
71 49.9 37.6 56.4



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: 11.05 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

Tgt Ion: 136 Resp: 213680

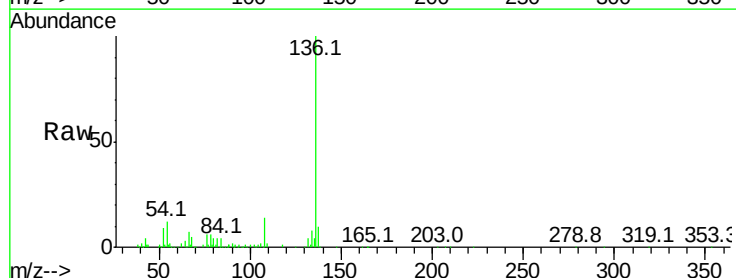
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 12.0 9.3 13.9

68 4.9 5.1 7.7#

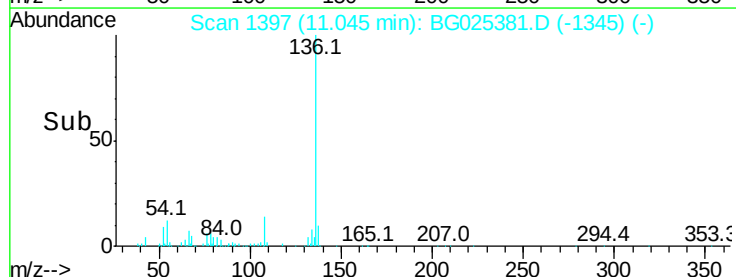
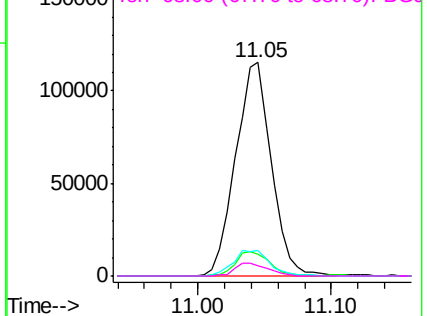


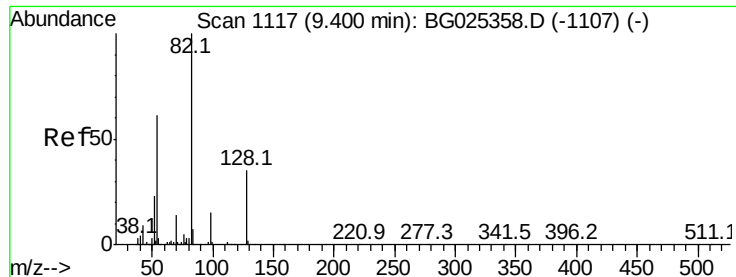
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

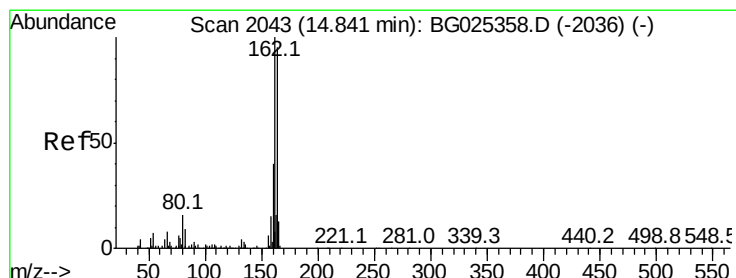
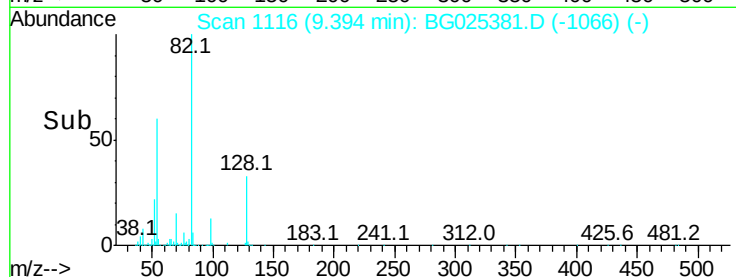
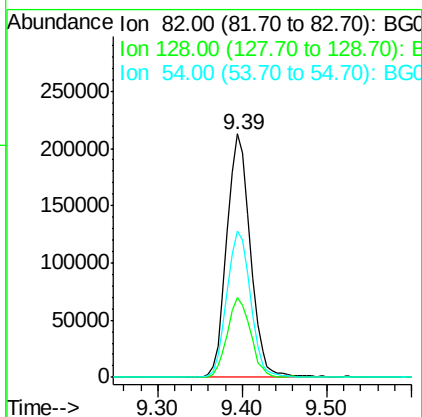
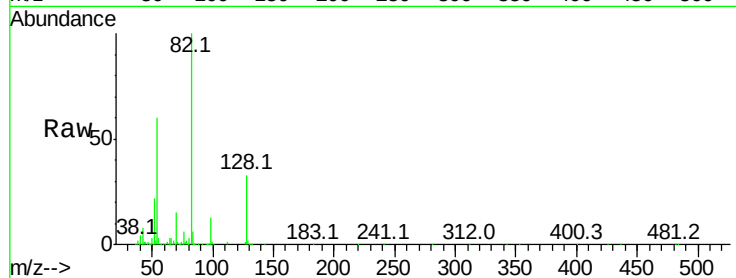




#23
 Nitrobenzene-d5
 Concen: 84.26 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025381.D
 Acq: 22 Dec 2016 9:31

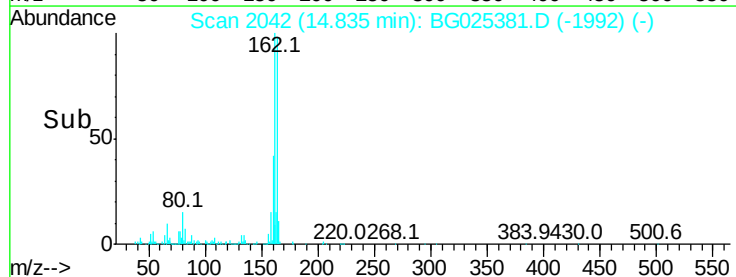
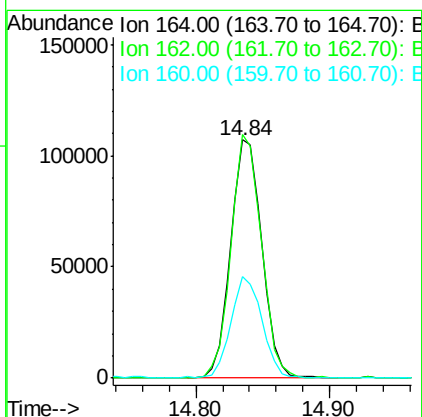
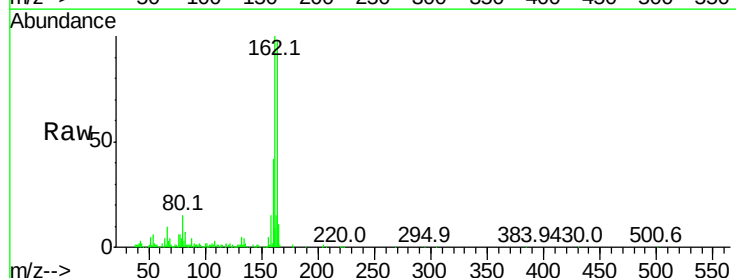
Instrument :
 BNA_G
 ClientSampleId :

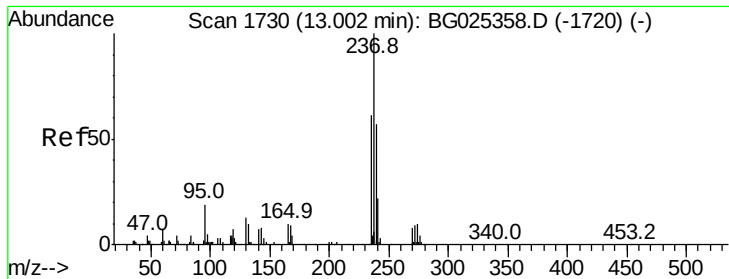
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.7	26.4	39.6
54	59.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG025381.D
 Acq: 22 Dec 2016 9:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.1	127.7
160	42.9	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 13.00 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BG025381.D

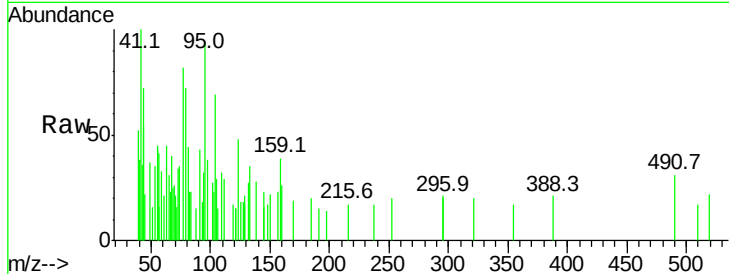
Acq: 22 Dec 2016 9:31

Instrument :

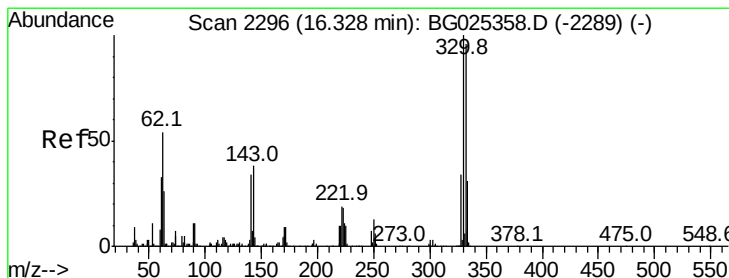
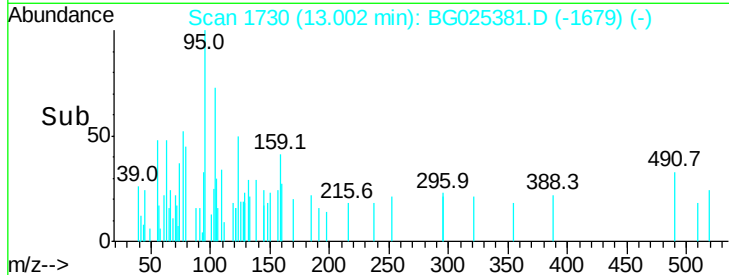
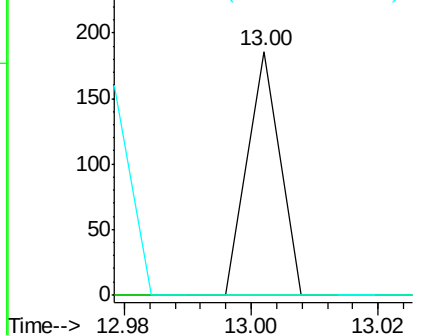
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	66
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: 145.16 ng

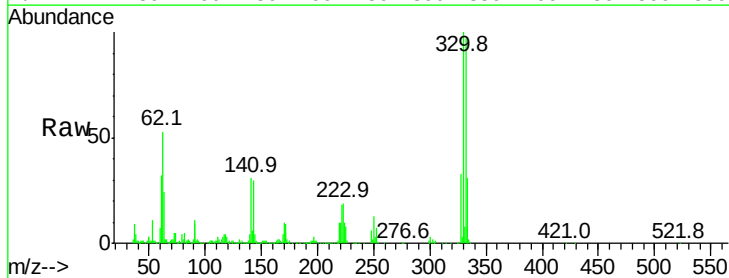
RT: 16.33 min Scan# 2296

Delta R.T. -0.00 min

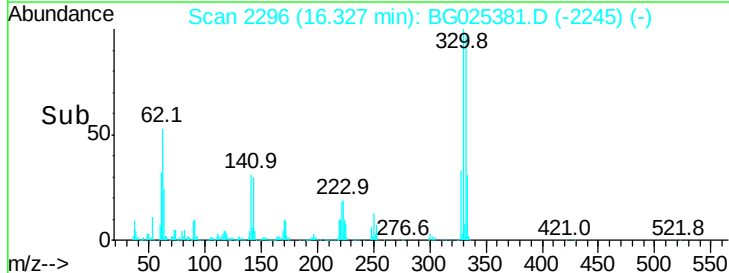
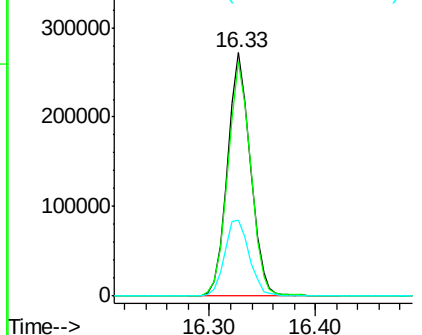
Lab File: BG025381.D

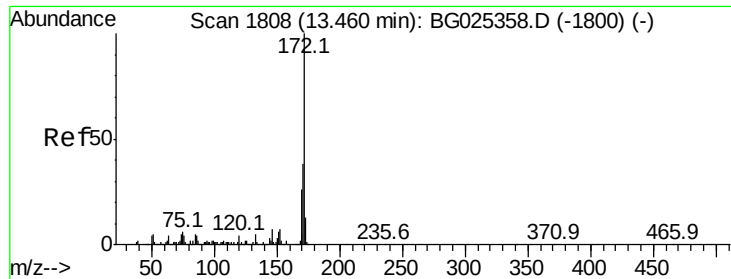
Acq: 22 Dec 2016 9:31

Tgt Ion:	330	Resp:	407470
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	34.0	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

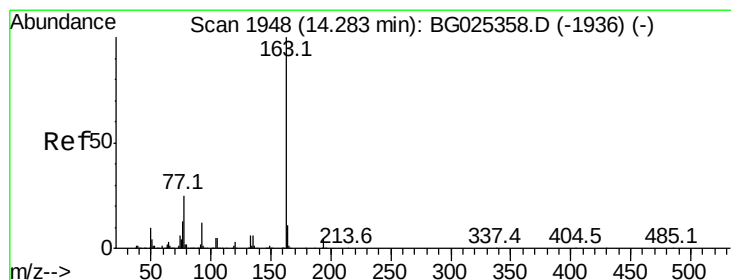
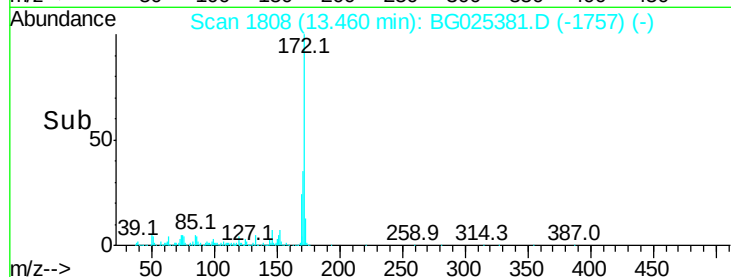
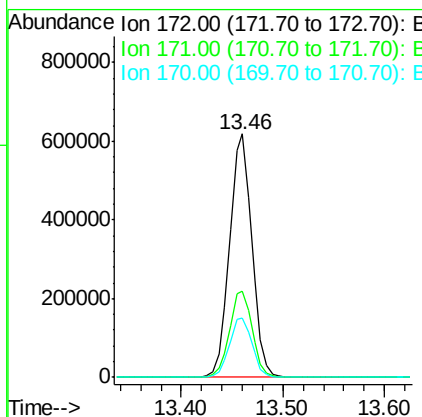
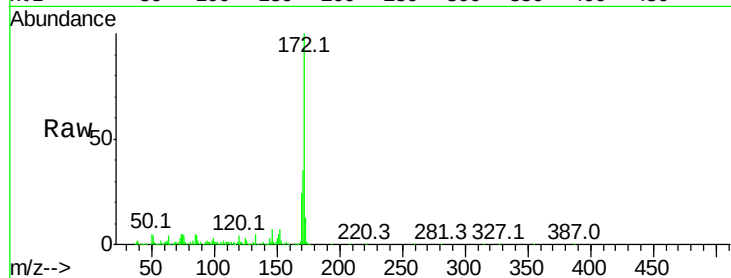




#44
2-Fluorobiphenyl
Concen: 87.48 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

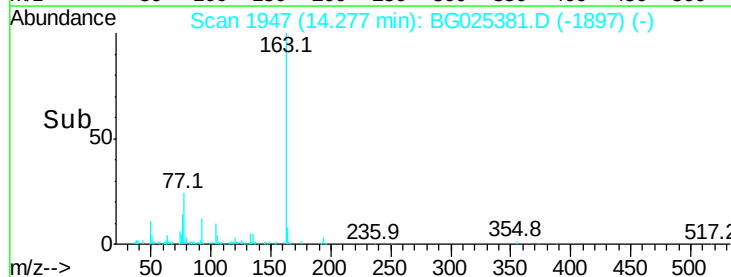
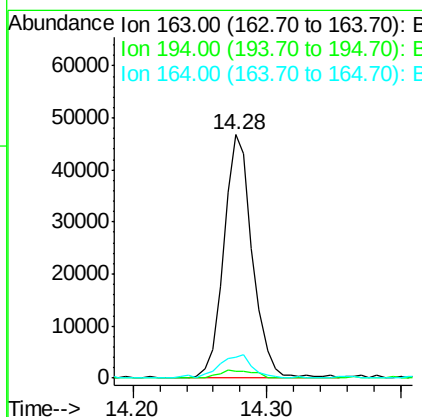
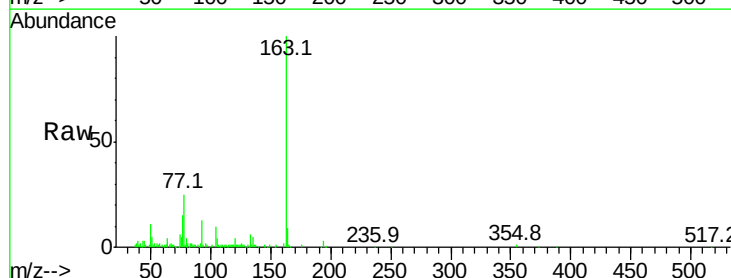
Instrument :
BNA_G
ClientSampleId :

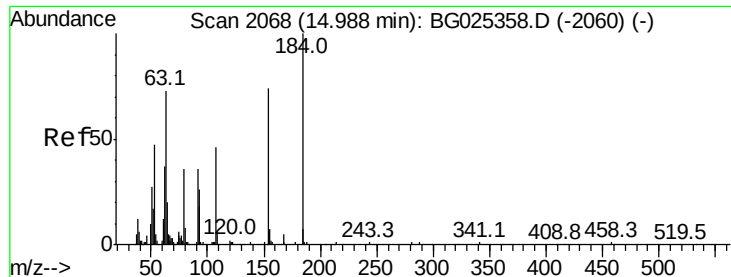
Tot Ion:172 Resp: 942053
Ion Ratio Lower Upper
172 100
171 35.2 32.2 48.2
170 24.2 21.8 32.6



#49
Dimethylphthalate
Concen: 5.52 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

Tgt Ion:163 Resp: 70167
Ion Ratio Lower Upper
163 100
194 3.0 3.8 5.6#
164 8.7 9.3 13.9#

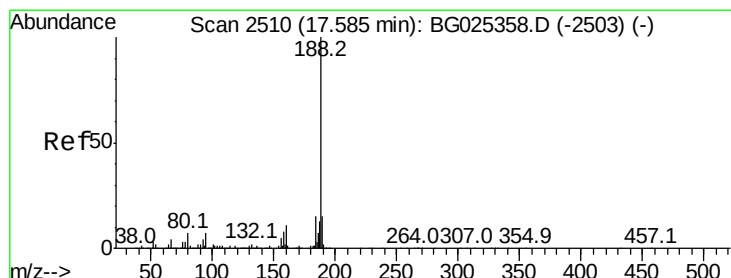
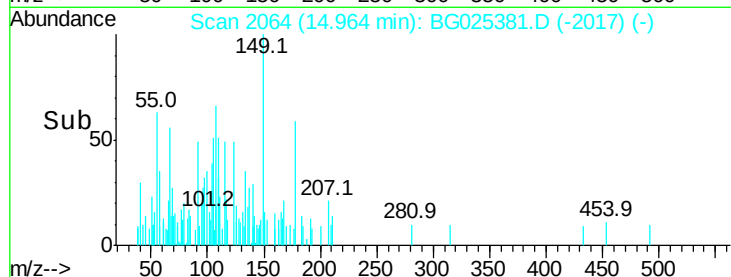
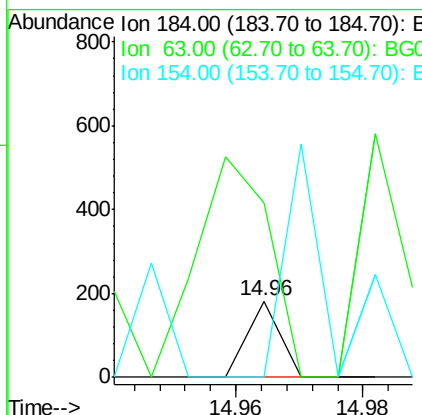
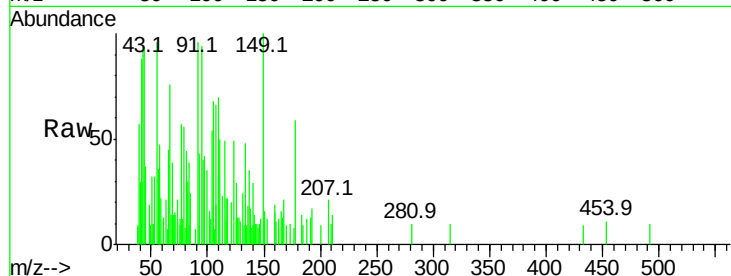




#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

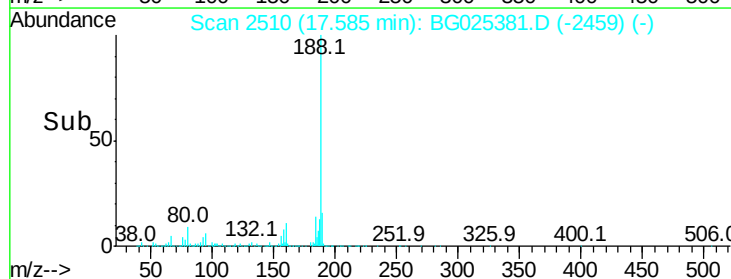
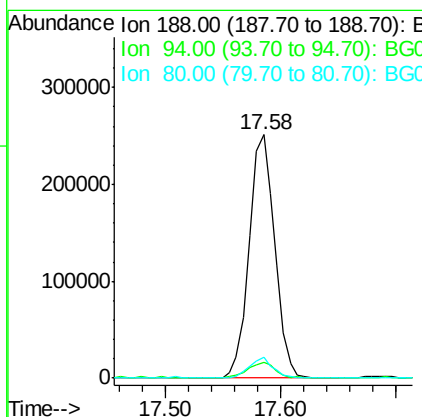
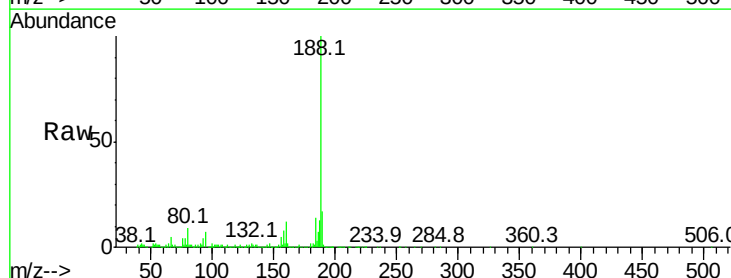
Instrument :
BNA_G
ClientSampleId :

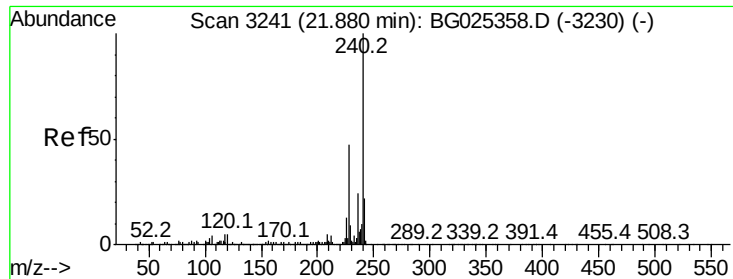
Tot Ion	Ratio	Lower	Upper
184	100		
63	229.1	52.7	79.1#
154	0.0	57.3	85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	8.6	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

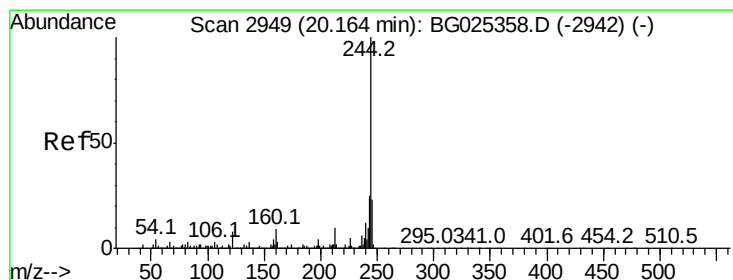
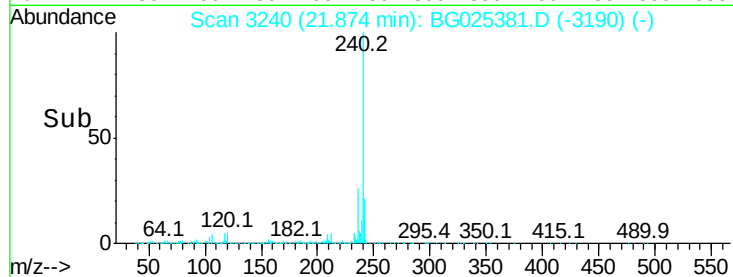
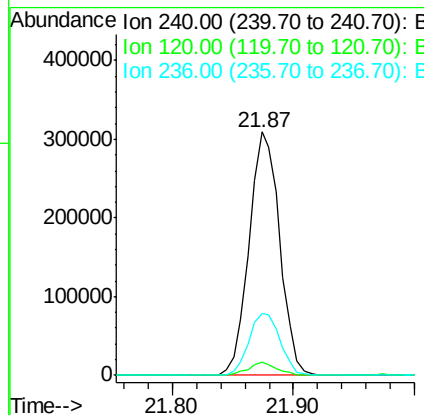
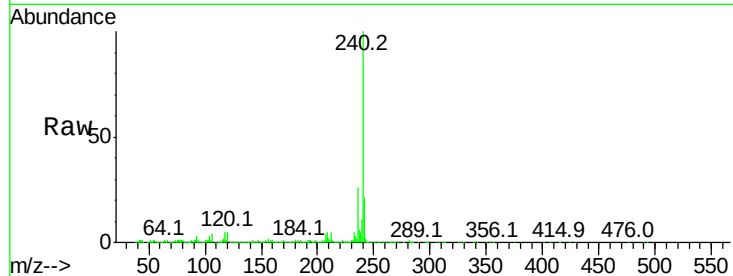
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 547754

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	25.6	22.2	33.4



#78

Terphenyl-d14

Concen: 81.80 ng

RT: 20.16 min Scan# 2949

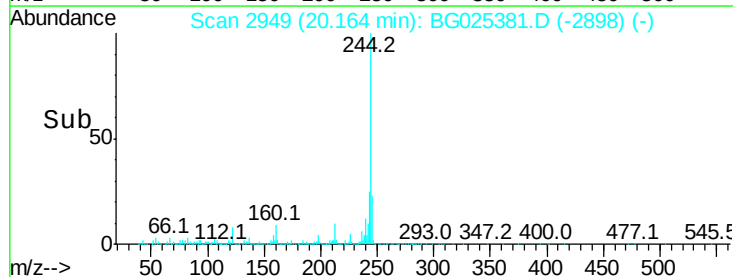
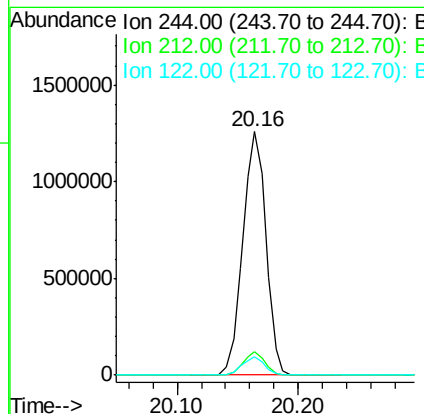
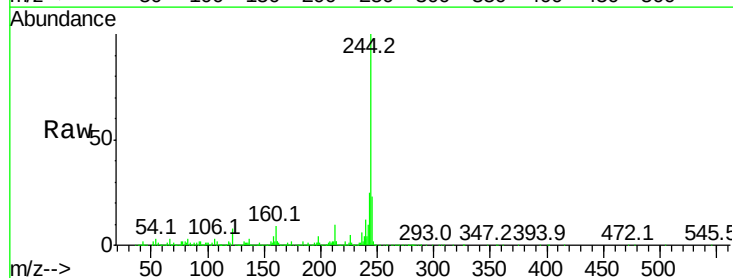
Delta R.T. -0.00 min

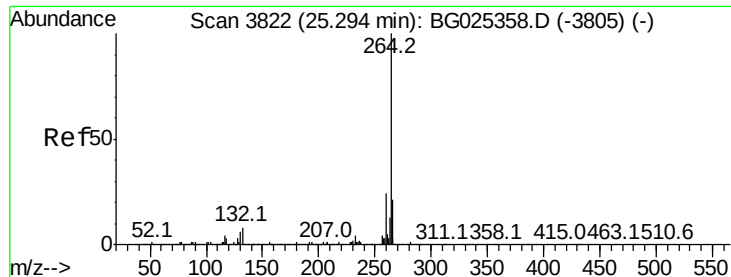
Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

Tgt Ion:244 Resp: 1689989

Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.0	15.0#
122	7.6	8.6	12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	20.1	18.2	27.4

