

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122916\
 Data File : BG025402.D
 Acq On : 29 Dec 2016 13:32
 Operator : UM/SJ
 Sample : H6226-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-01-122116

Quant Time: Dec 29 23:59:53 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

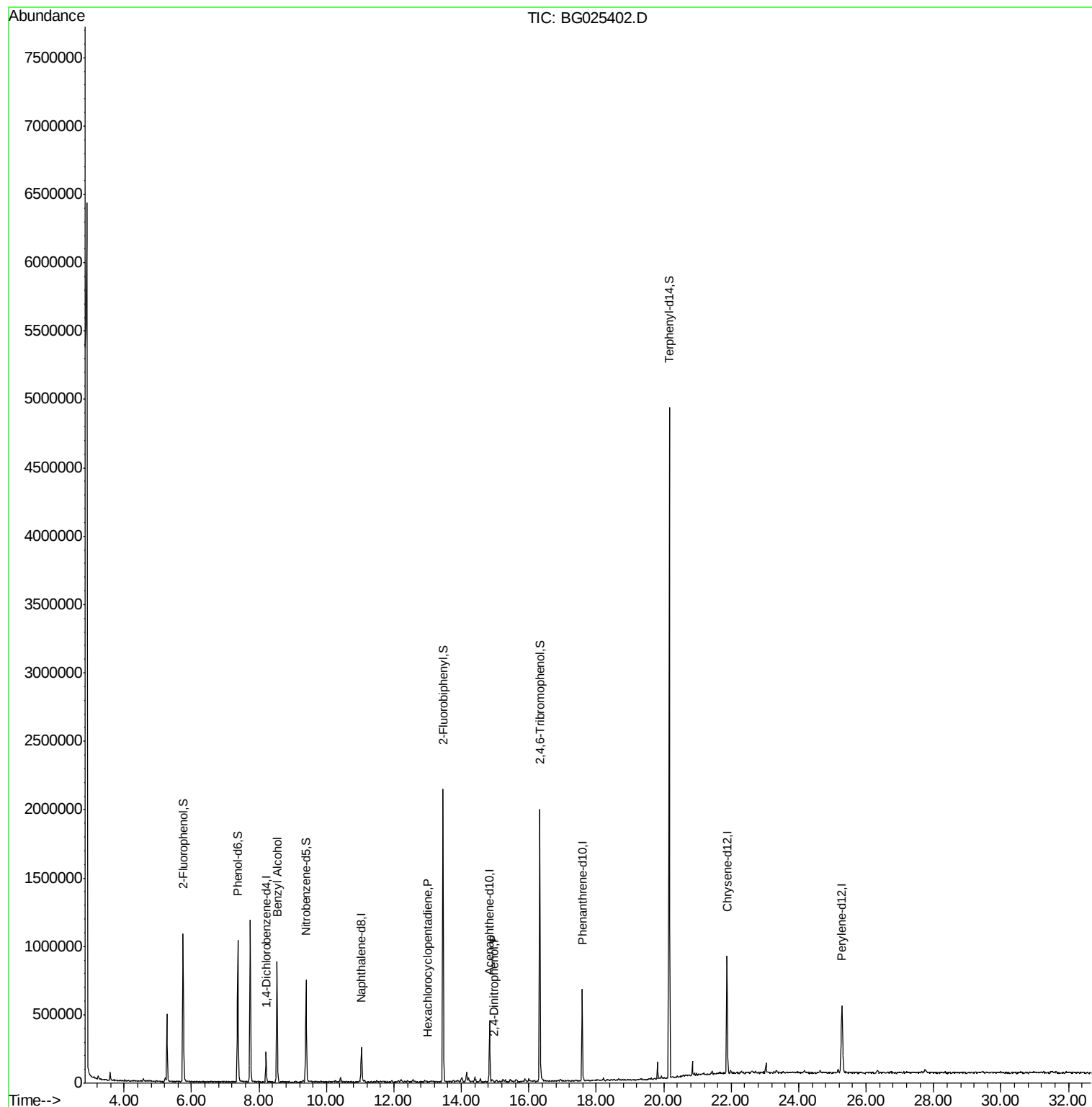
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	52414	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	206546	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	167839	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	402048	20.00	ng	0.00
75) Chrysene-d12	21.87	240	592929	20.00	ng	0.00
86) Perylene-d12	25.28	264	622530	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	416159	144.32	ng	0.00
7) Phenol-d6	7.37	99	528106	130.04	ng	0.00
23) Nitrobenzene-d5	9.39	82	475512	101.70	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	426797	157.95	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1071240	103.33	ng	0.00
78) Terphenyl-d14	20.16	244	2171612	97.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	8515	2.20	ng	# 33
40) Hexachlorocyclopentadiene	12.99	237	60	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.97	184	59	5.11	ng	# 15

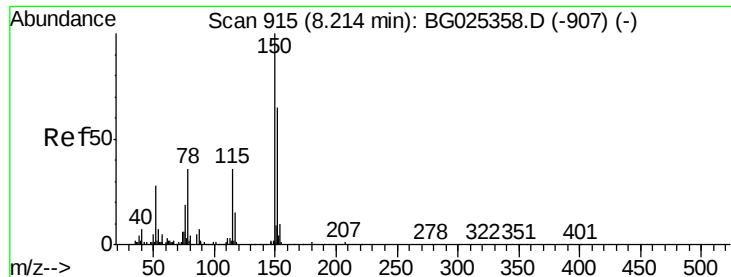
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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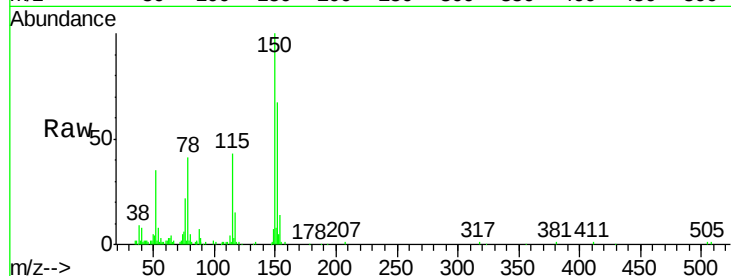


#1

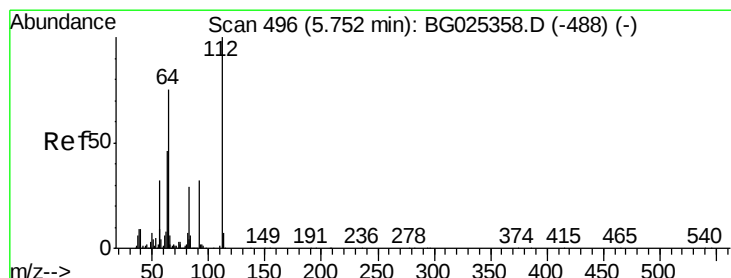
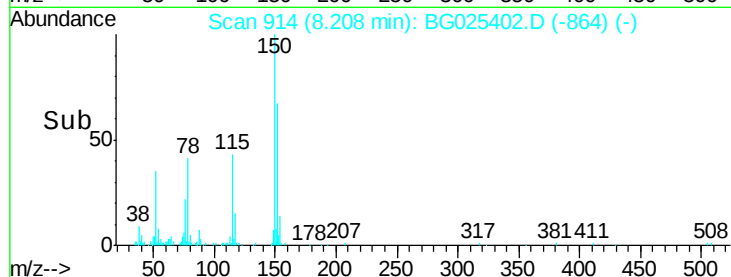
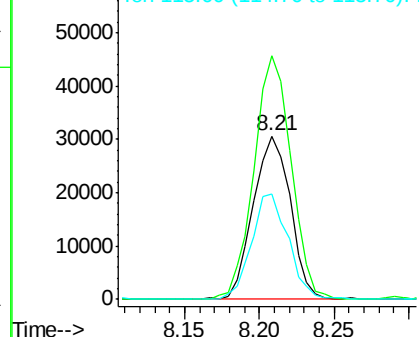
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

Instrument :
BNA_G
ClientSampleId :
IDW-01-122116

Tgt Ion:152 Resp: 52414
Ion Ratio Lower Upper
152 100
150 149.0 114.0 171.0
115 64.1 48.1 72.1



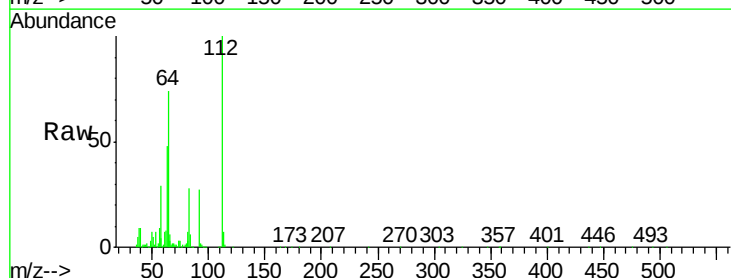
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



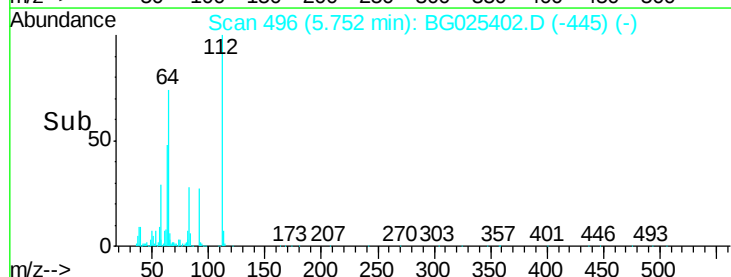
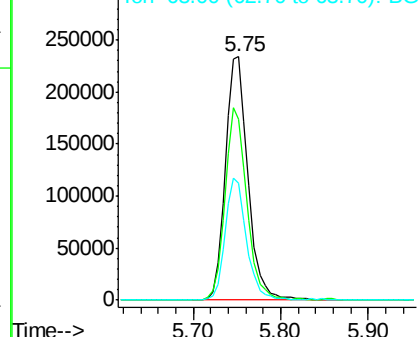
#5

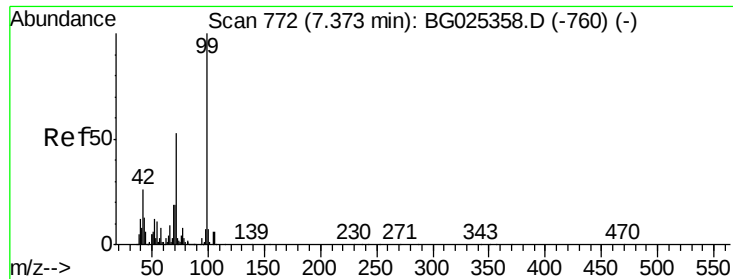
2-Fluorophenol
Concen: 144.32 ng
RT: 5.75 min Scan# 496
Delta R.T. 0.00 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

Tgt Ion:112 Resp: 416159
Ion Ratio Lower Upper
112 100
64 74.4 61.8 92.6
63 47.9 37.2 55.8



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





#7

Phenol-d6

Concen: 130.04 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025402.D

Acq: 29 Dec 2016 13:32

Instrument :

BNA_G

ClientSampleId :

IDW-01-122116

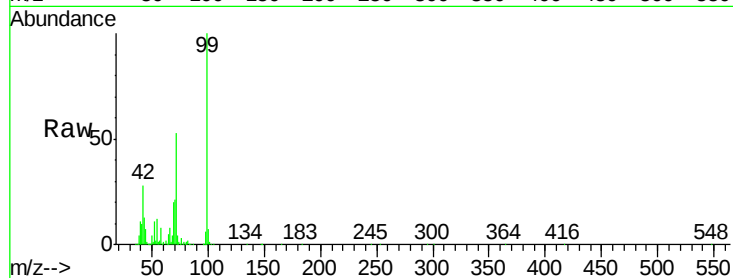
Tgt Ion: 99 Resp: 528106

Ion Ratio Lower Upper

99 100

42 28.5 20.5 30.7

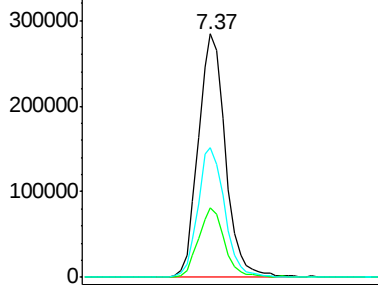
71 53.2 37.6 56.4



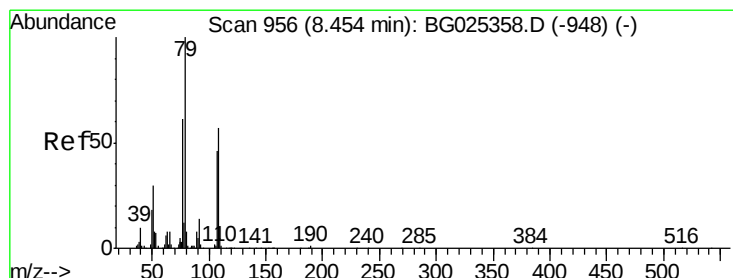
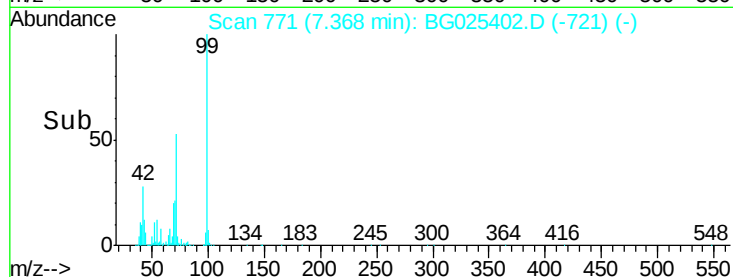
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 8.53 min Scan# 969

Delta R.T. 0.08 min

Lab File: BG025402.D

Acq: 29 Dec 2016 13:32

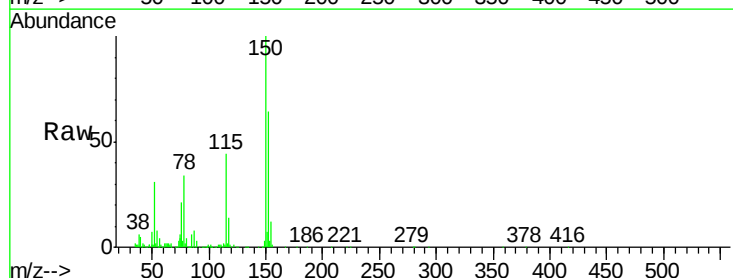
Tgt Ion: 79 Resp: 8515

Ion Ratio Lower Upper

79 100

108 26.3 45.5 68.3#

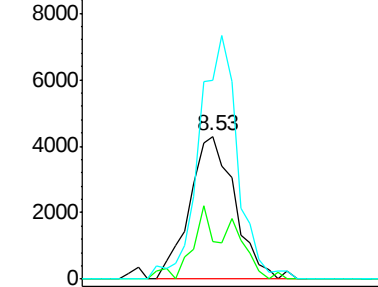
77 139.1 54.3 81.5#



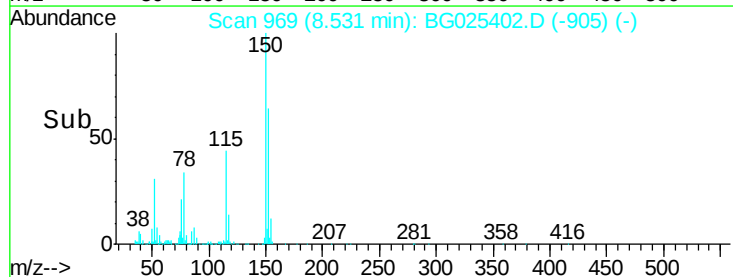
Abundance Ion 79.00 (78.70 to 79.70): BGC

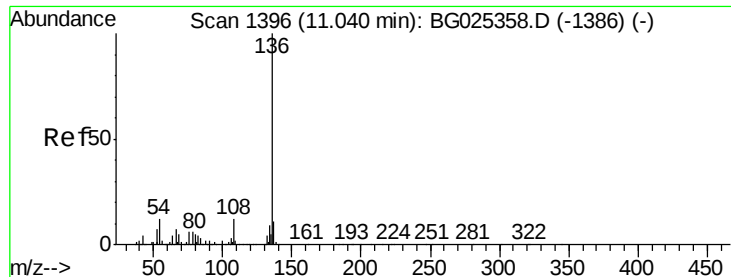
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



Time-->

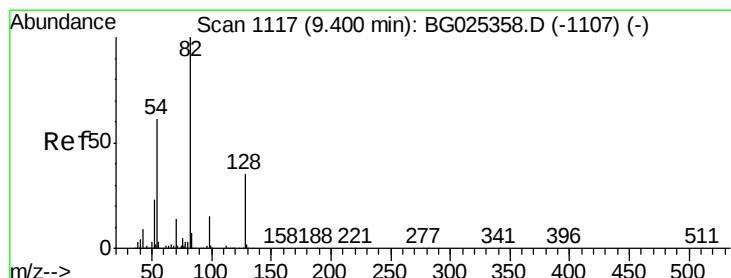
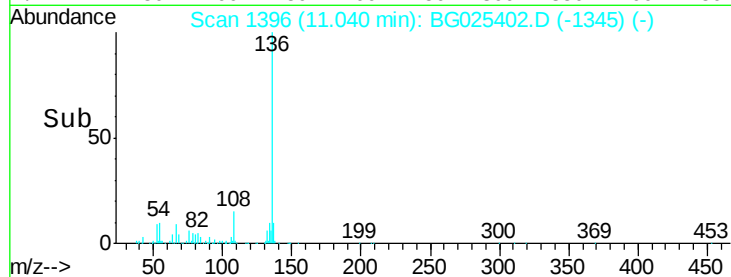
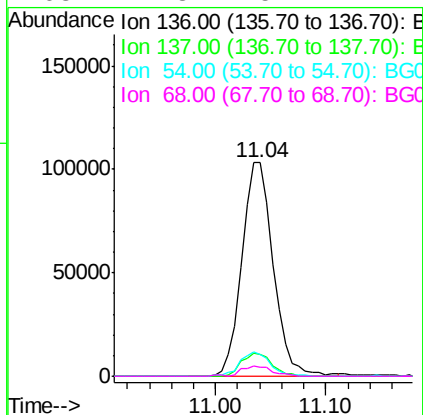
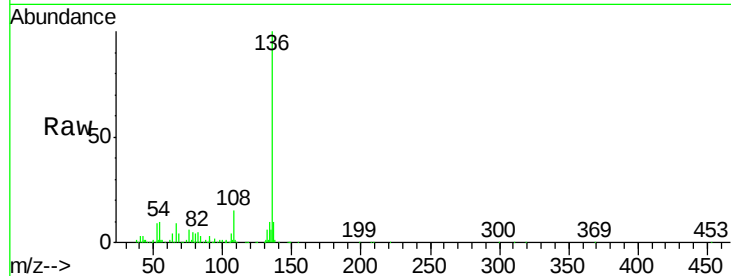




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

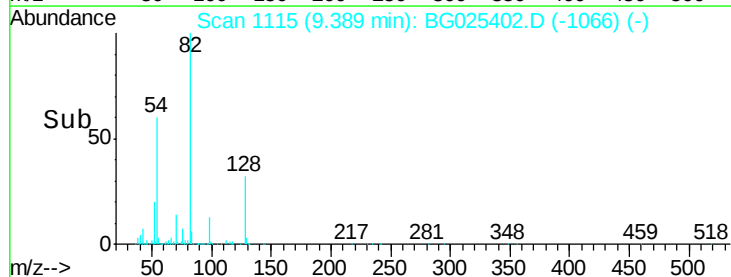
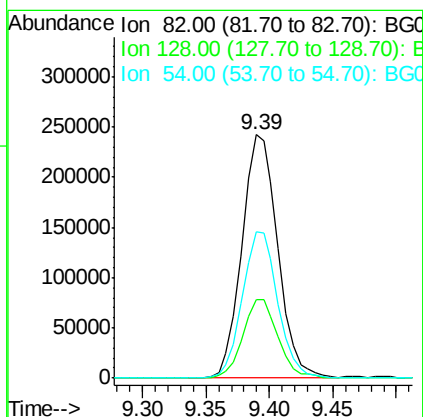
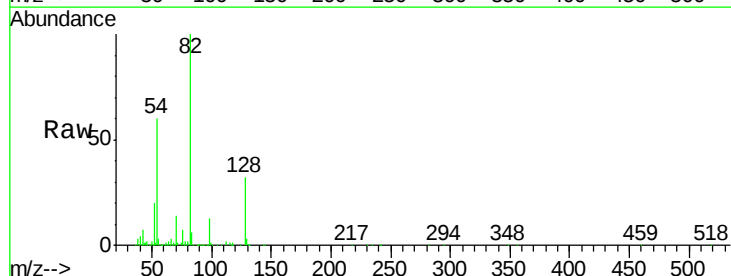
Instrument :
BNA_G
ClientSampleId :
IDW-01-122116

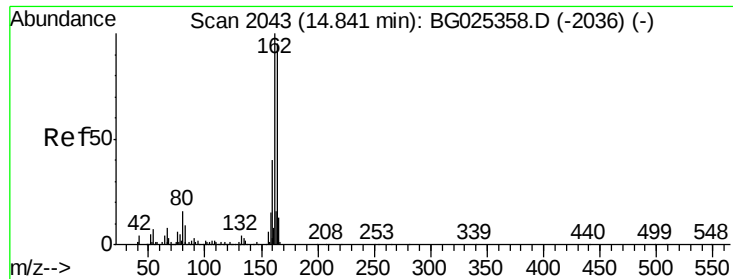
Tgt Ion:	136	Resp:	206546
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.4	9.3	13.9
68	4.3	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 101.70 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

Tgt Ion:	82	Resp:	475512
Ion	Ratio	Lower	Upper
82	100		
128	32.2	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: BG025402.D

Acq: 29 Dec 2016 13:32

Instrument :

BNA_G

ClientSampleId :

IDW-01-122116

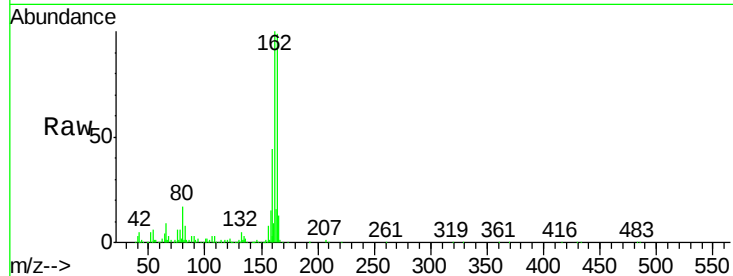
Tgt Ion:164 Resp: 167839

Ion Ratio Lower Upper

164 100

162 101.0 85.1 127.7

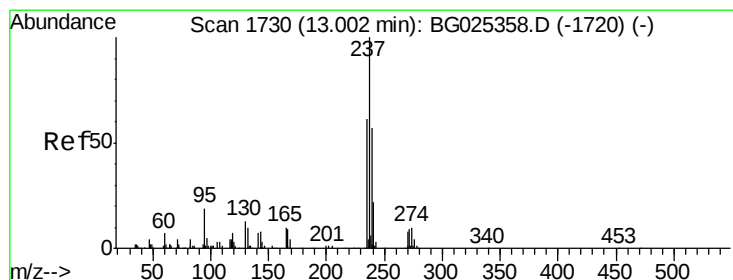
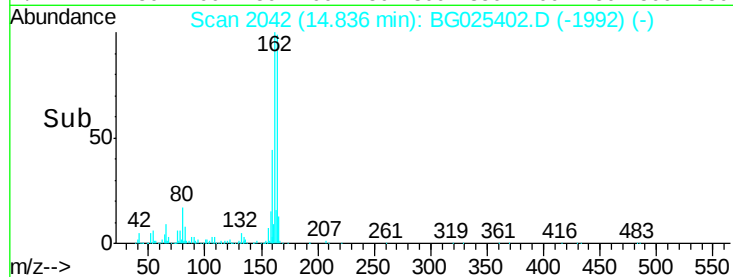
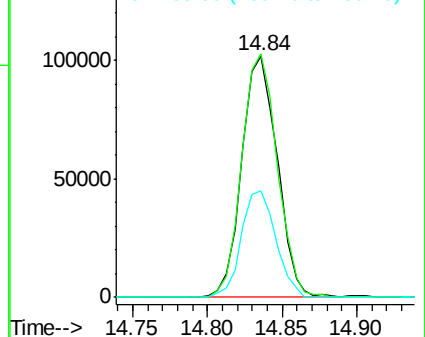
160 44.0 34.7 52.1



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: 8.54 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BG025402.D

Acq: 29 Dec 2016 13:32

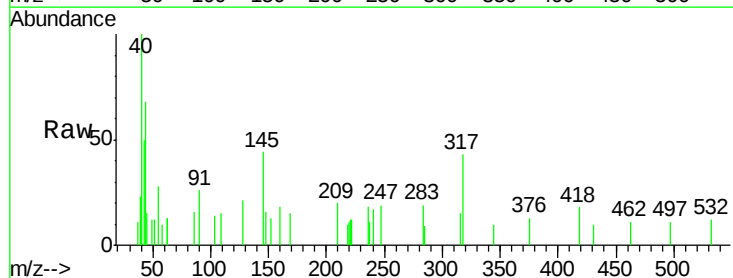
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

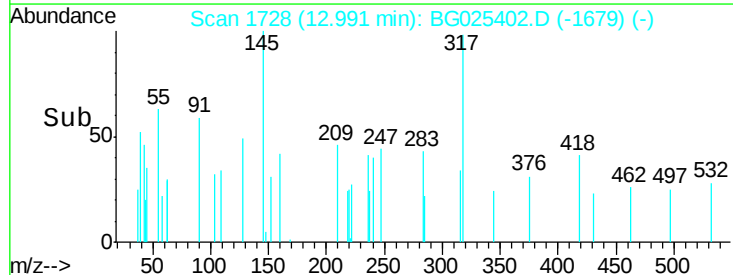
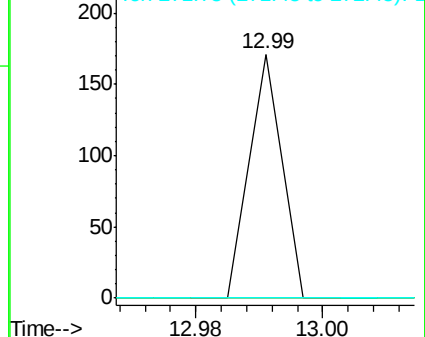
272 0.0 0.0 32.0

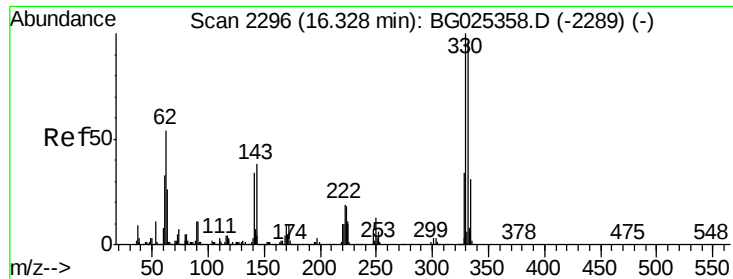


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.95 ng

RT: 16.32 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG025402.D

Acq: 29 Dec 2016 13:32

Instrument :

BNA_G

ClientSampleId :

IDW-01-122116

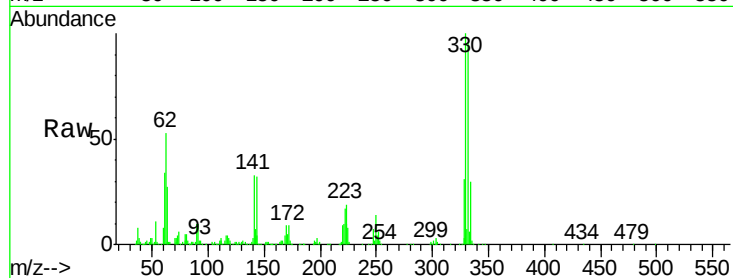
Tgt Ion:330 Resp: 426797

Ion Ratio Lower Upper

330 100

332 93.9 77.3 115.9

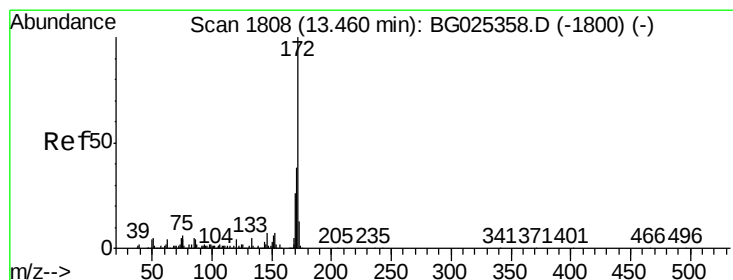
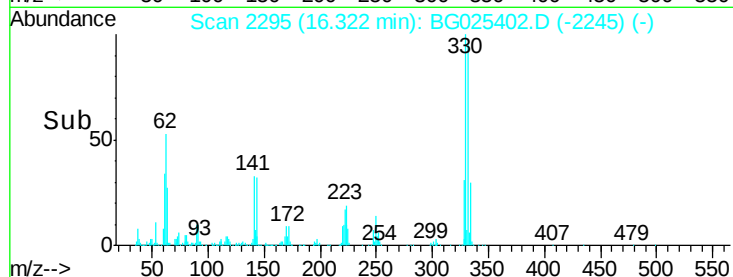
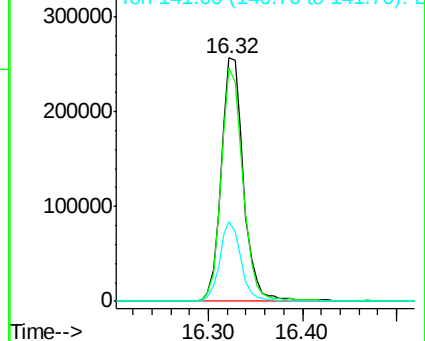
141 31.3 32.1 48.1#



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: 103.33 ng

RT: 13.46 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BG025402.D

Acq: 29 Dec 2016 13:32

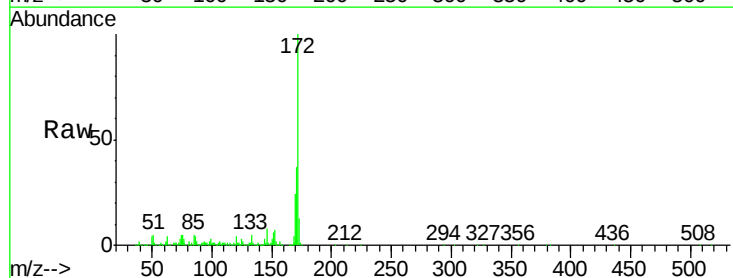
Tgt Ion:172 Resp: 1071240

Ion Ratio Lower Upper

172 100

171 37.0 32.2 48.2

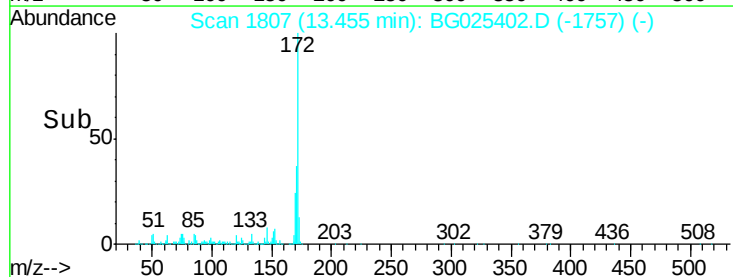
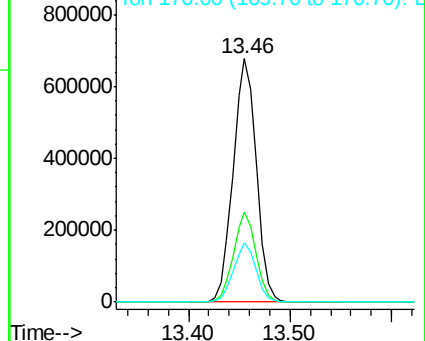
170 24.1 21.8 32.6

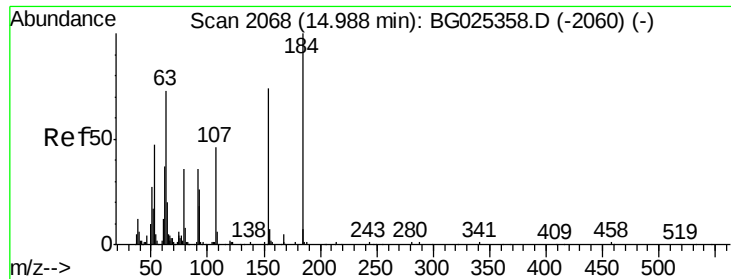


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

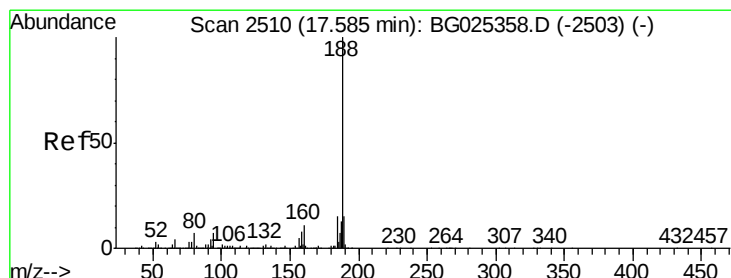
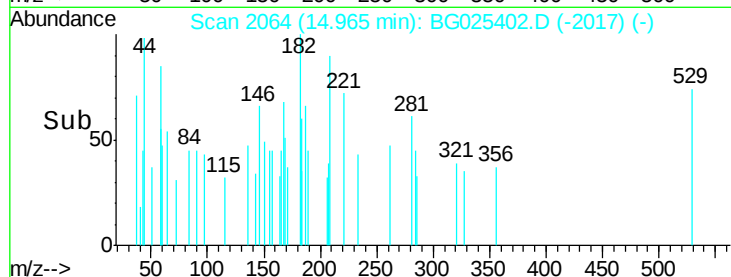
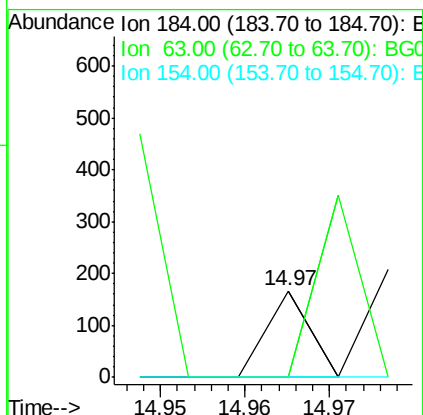
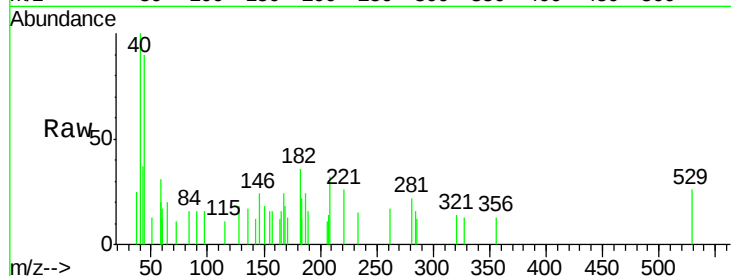




#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

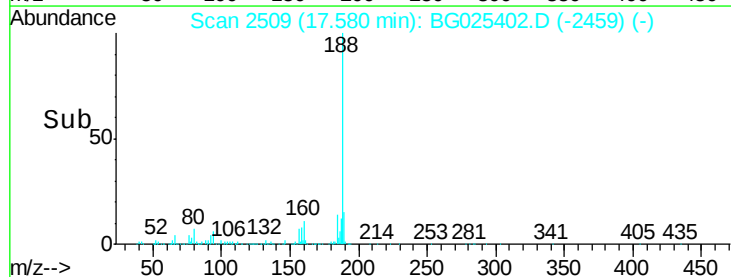
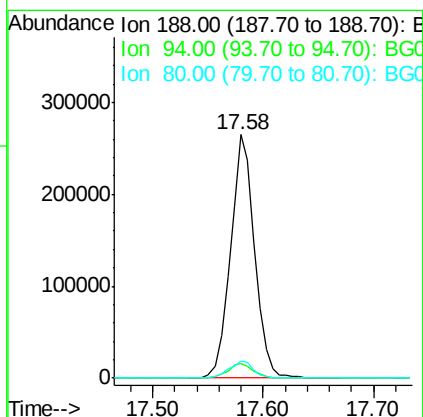
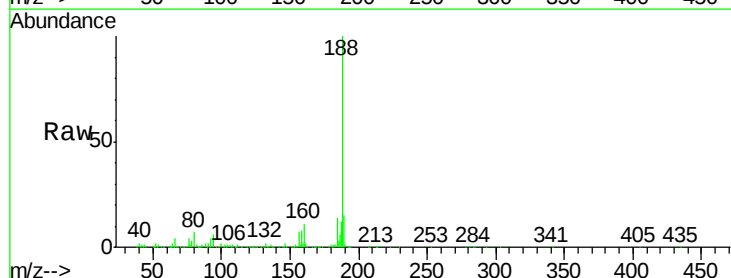
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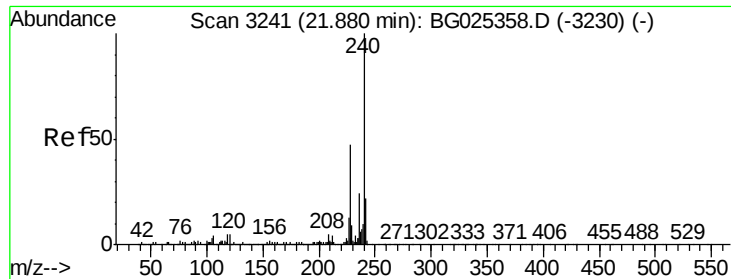
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

Tgt Ion:188 Resp: 402048
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 7.3 7.5 11.3#

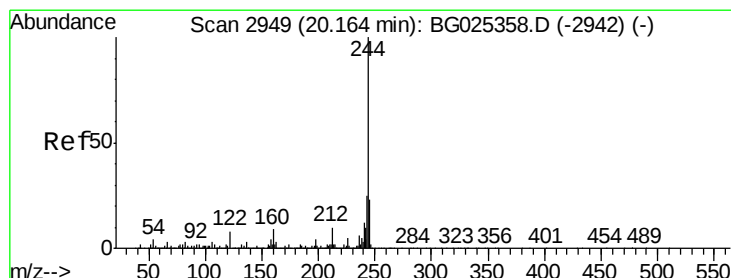
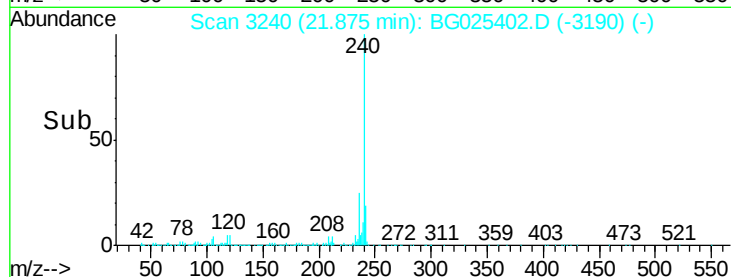
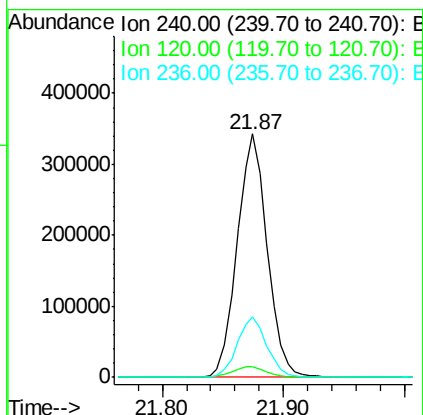
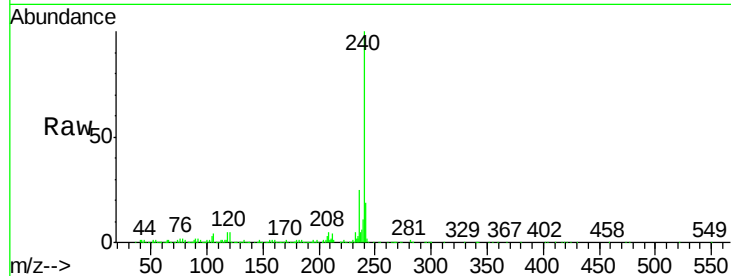




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

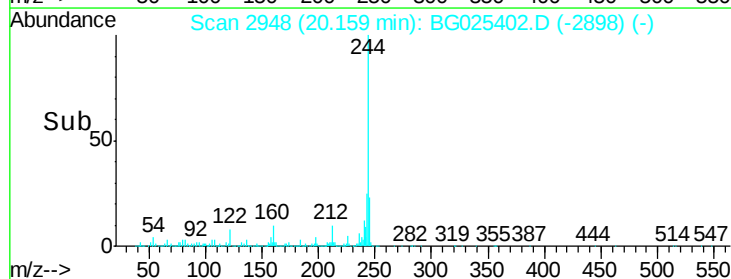
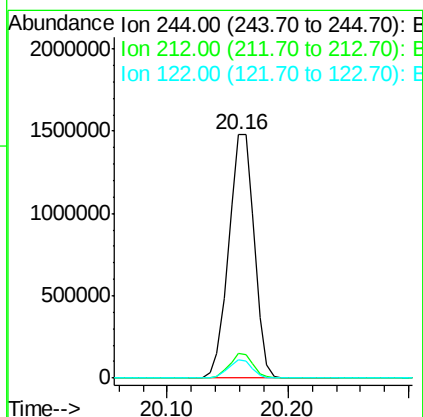
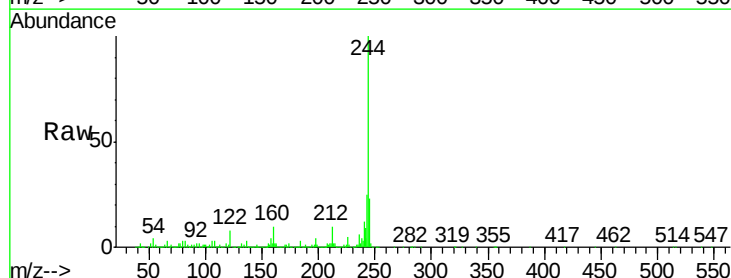
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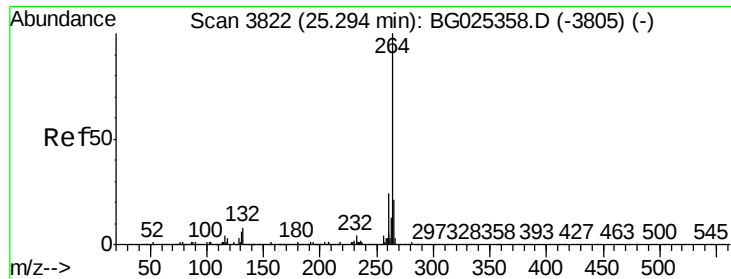
Tgt Ion:240 Resp: 592929
Ion Ratio Lower Upper
240 100
120 4.6 5.7 8.5#
236 24.8 22.2 33.4



#78
Terphenyl-d14
Concen: 97.11 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

Tgt Ion:244 Resp: 2171612
Ion Ratio Lower Upper
244 100
212 10.1 10.0 15.0
122 7.7 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG025402.D
Acq: 29 Dec 2016 13:32

Instrument :
BNA_G
ClientSampleId :
IDW-01-122116

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.3	18.2	27.4

