

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025439.D
 Acq On : 9 Jan 2017 20:51
 Operator : UM/SJ
 Sample : I1064-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4-COMP12

Quant Time: Jan 10 00:04:11 2017
 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

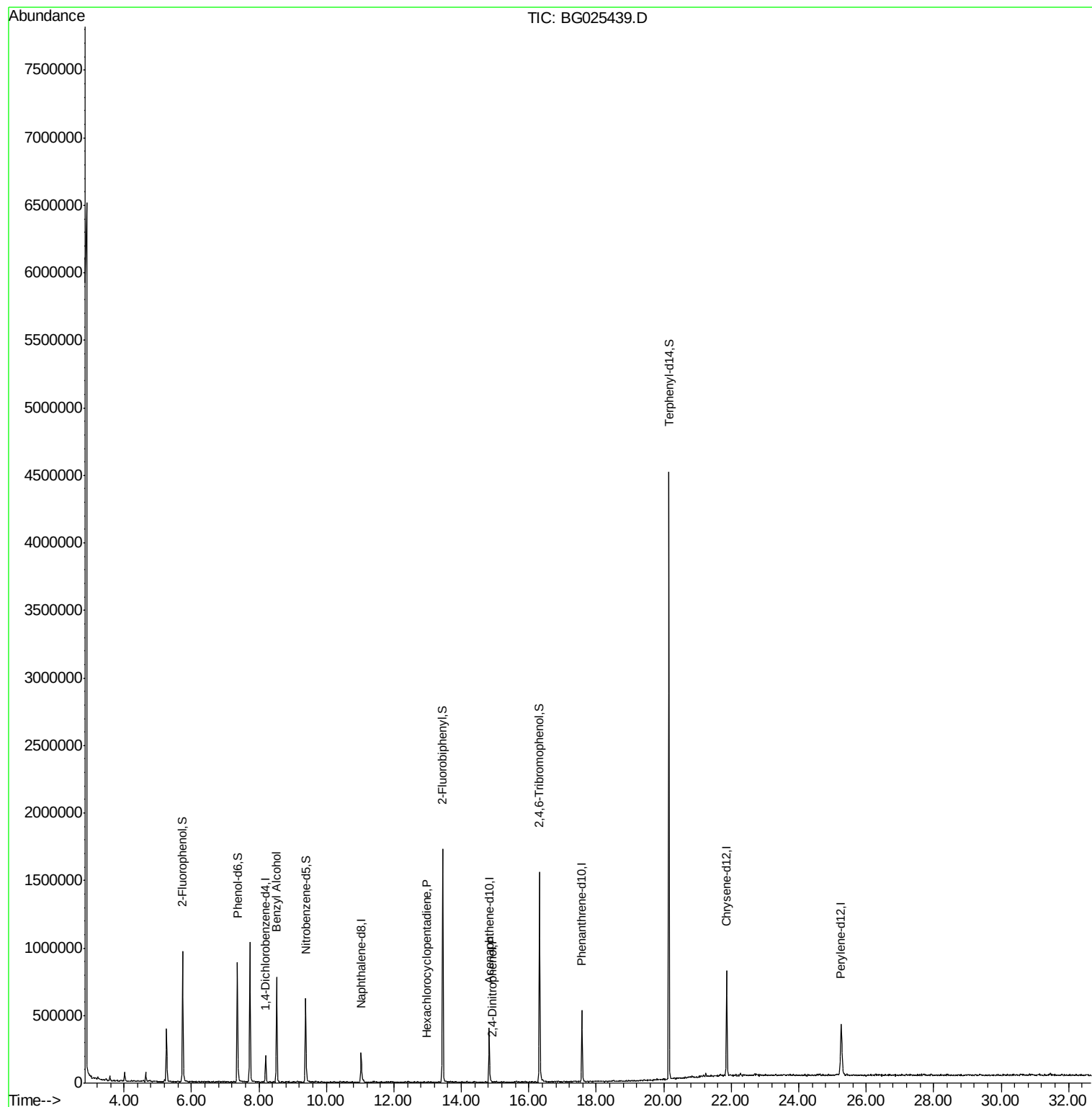
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	48655	20.00	ng	-0.02
21) Naphthalene-d8	11.03	136	183009	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	145261	20.00	ng	-0.02
63) Phenanthrene-d10	17.57	188	353487	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	562587	20.00	ng	-0.02
86) Perylene-d12	25.26	264	423114	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	362727	135.51	ng	-0.02
7) Phenol-d6	7.36	99	469941	124.66	ng	-0.02
23) Nitrobenzene-d5	9.38	82	413632	99.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	333711	142.70	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	890682	99.27	ng	-0.02
78) Terphenyl-d14	20.15	244	1933497	91.12	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.52	79	8004	2.22	ng	# 57
40) Hexachlorocyclopentadiene	12.98	237	81	8.55	ng	# 29
53) 2,4-Dinitrophenol	14.93	184	77	5.13	ng	# 15

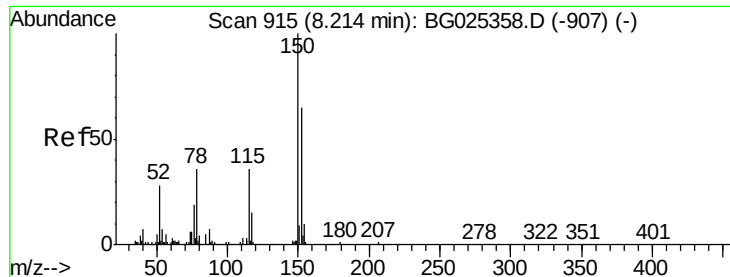
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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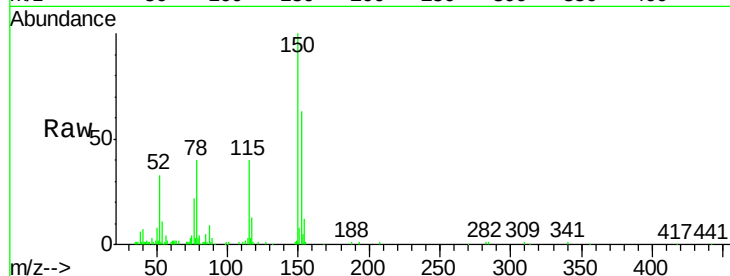


#1

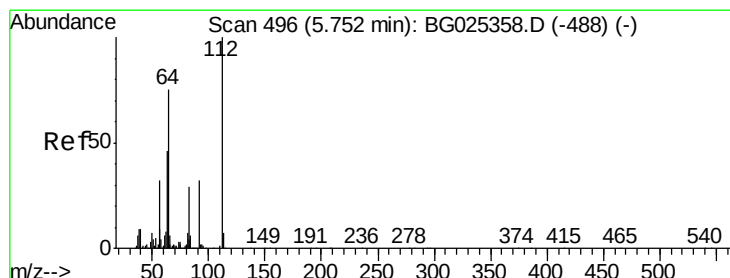
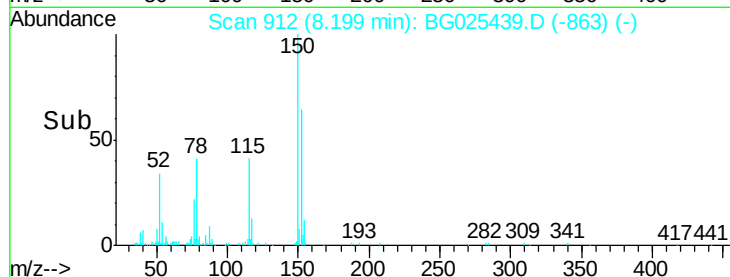
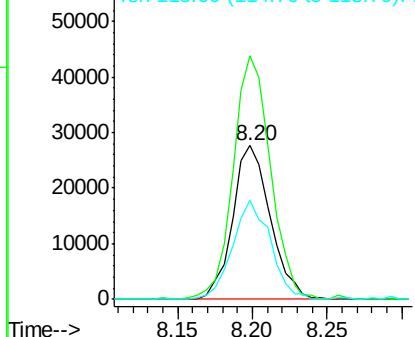
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Instrument :
BNA_G
ClientSampleId :
TP4-COMP12

Tgt Ion:152 Resp: 48655
Ion Ratio Lower Upper
152 100
150 158.5 114.0 171.0
115 64.1 48.1 72.1



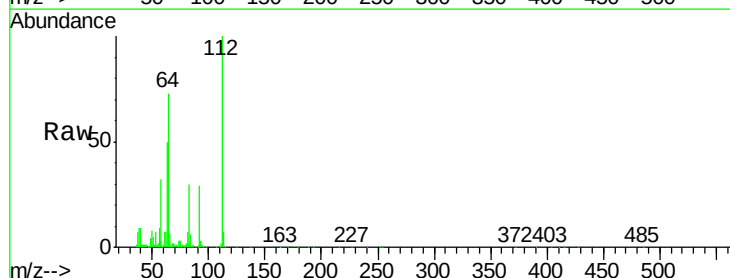
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



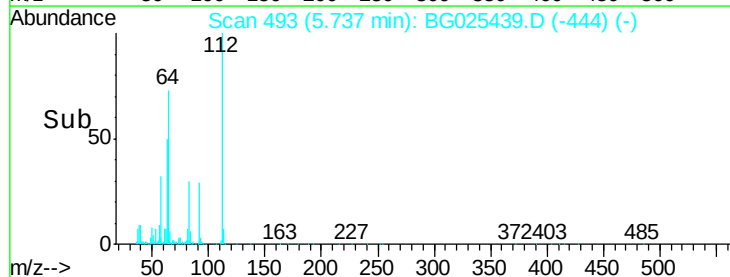
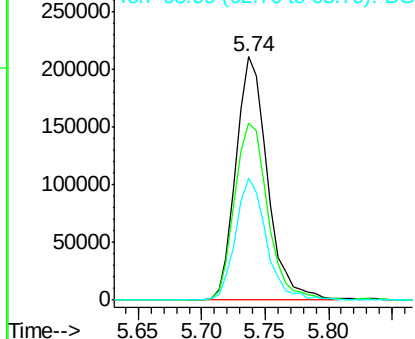
#5

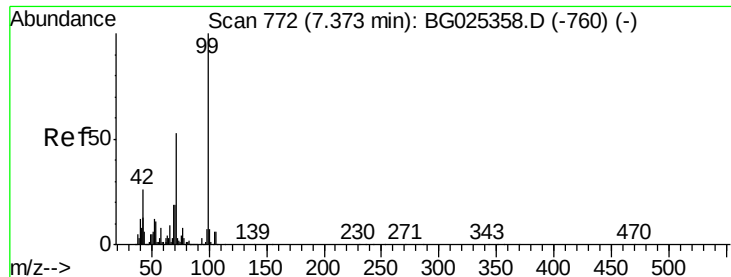
2-Fluorophenol
Concen: 135.51 ng
RT: 5.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Tgt Ion:112 Resp: 362727
Ion Ratio Lower Upper
112 100
64 72.5 61.8 92.6
63 49.9 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: 124.66 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Instrument :

BNA_G

ClientSampleId :

TP4-COMP12

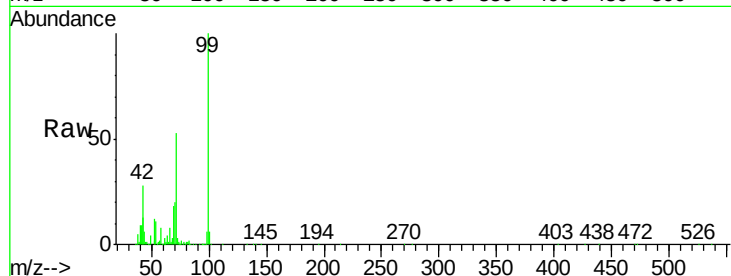
Tgt Ion: 99 Resp: 469941

Ion Ratio Lower Upper

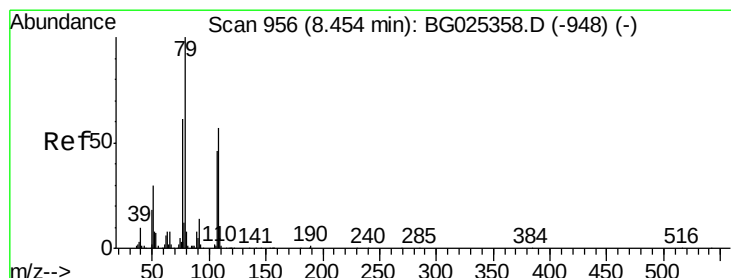
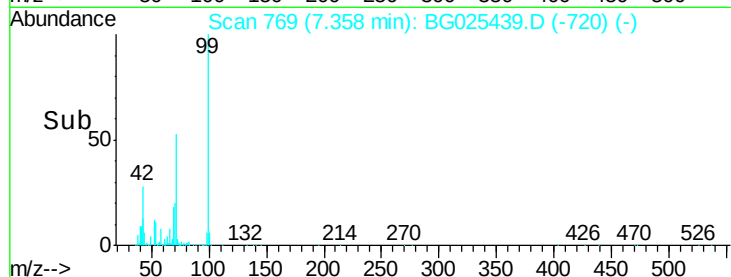
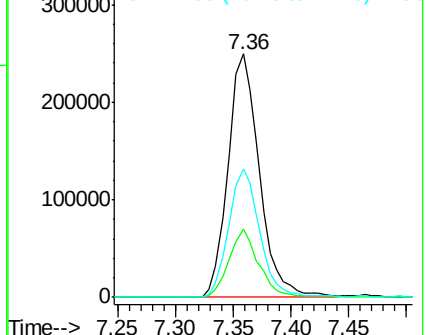
99 100

42 27.8 20.5 30.7

71 53.0 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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.07 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

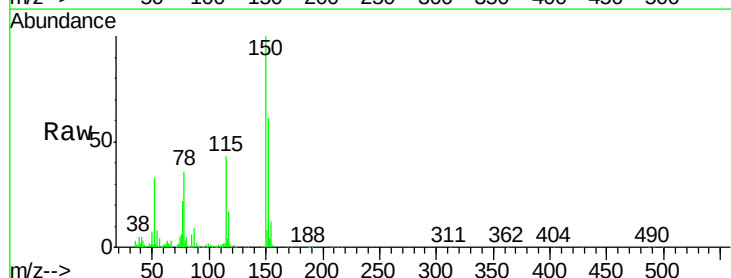
Tgt Ion: 79 Resp: 8004

Ion Ratio Lower Upper

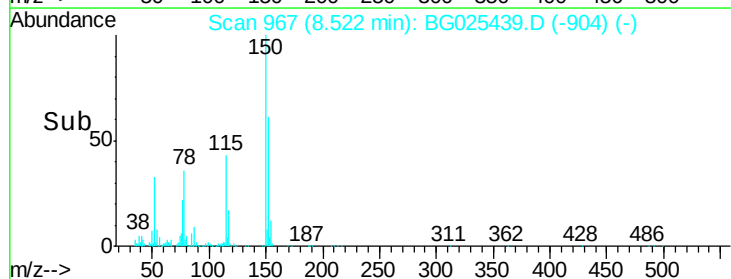
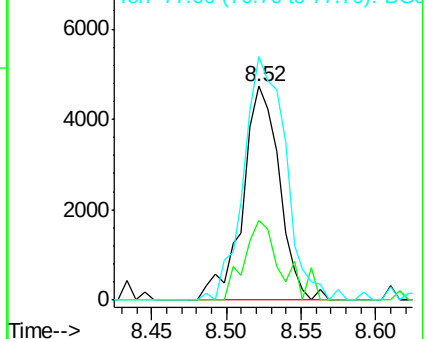
79 100

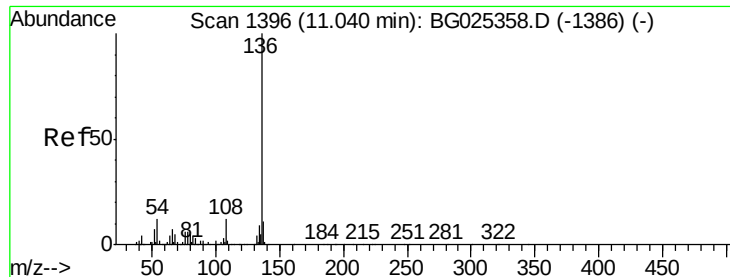
108 37.0 45.5 68.3#

77 113.7 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

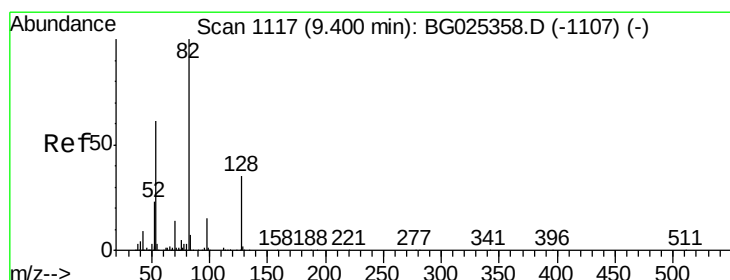
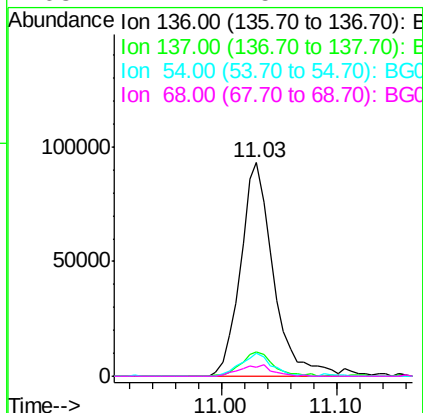
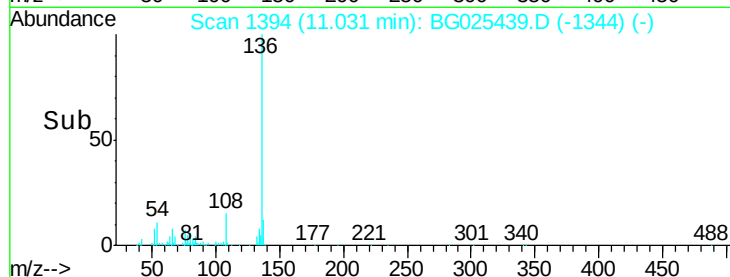
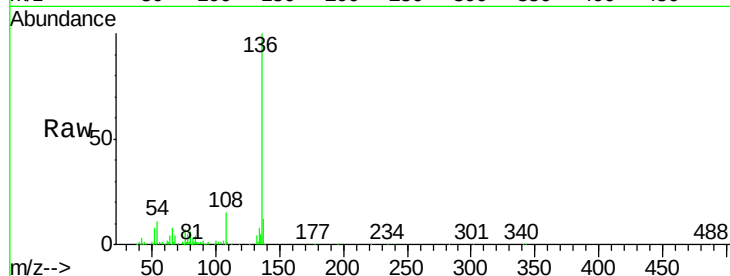




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

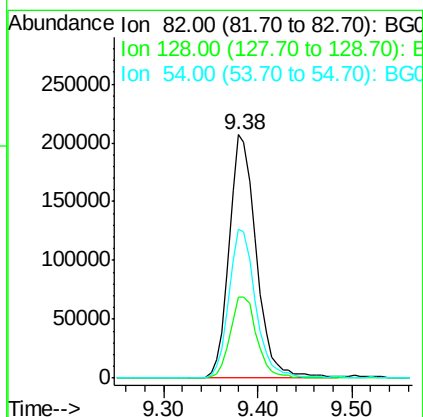
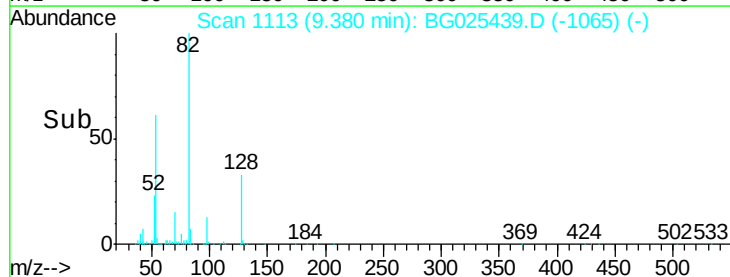
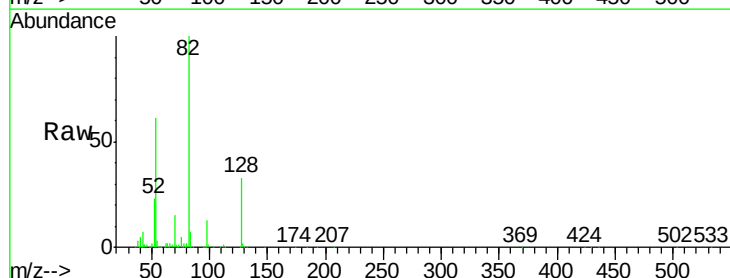
Instrument :
BNA_G
ClientSampleId :
TP4-COMP12

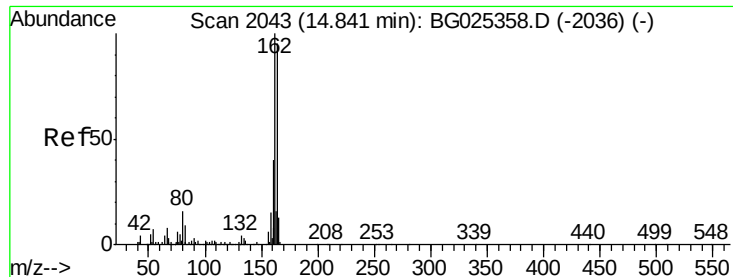
Tgt Ion: 136 Resp: 183009
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 11.0 9.3 13.9
68 4.1 5.1 7.7#



#23
Nitrobenzene-d5
Concen: 99.85 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Tgt Ion: 82 Resp: 413632
Ion Ratio Lower Upper
82 100
128 33.1 26.4 39.6
54 61.3 49.4 74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Instrument :

BNA_G

ClientSampleId :

TP4-COMP12

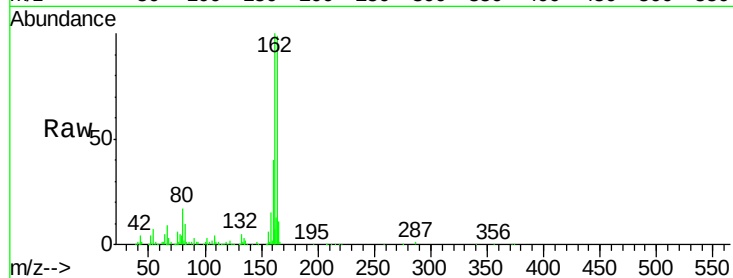
Tgt Ion:164 Resp: 145261

Ion Ratio Lower Upper

164 100

162 101.4 85.1 127.7

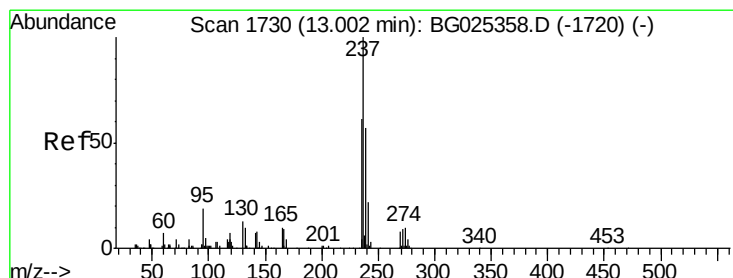
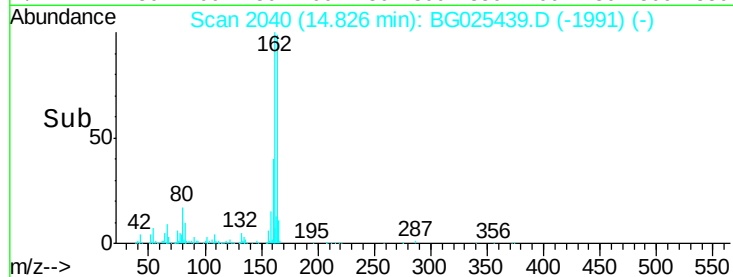
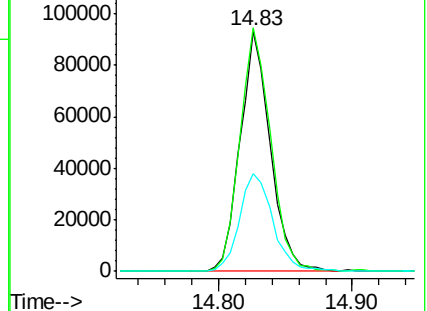
160 40.8 34.7 52.1



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: 8.55 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

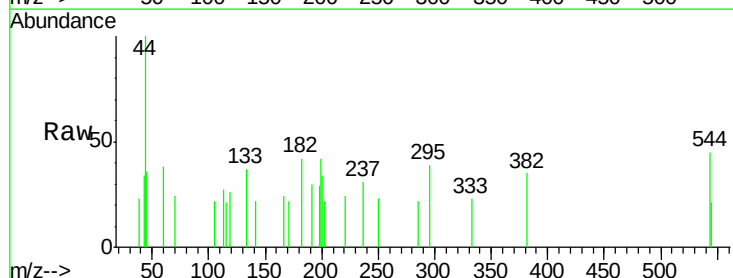
Tgt Ion:237 Resp: 81

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

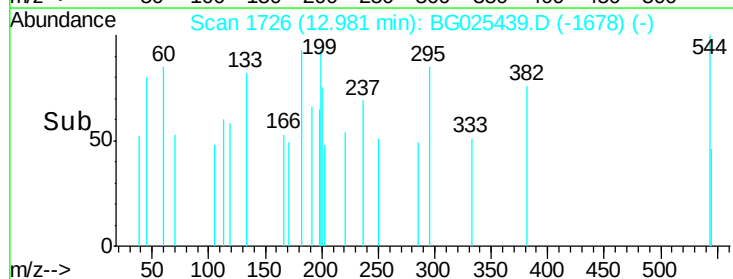
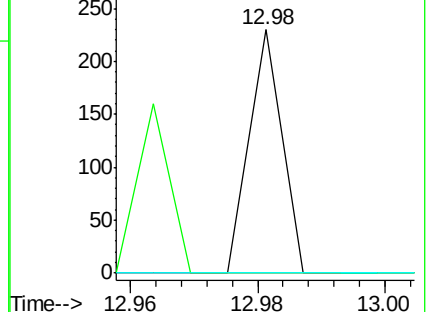
272 0.0 0.0 32.0

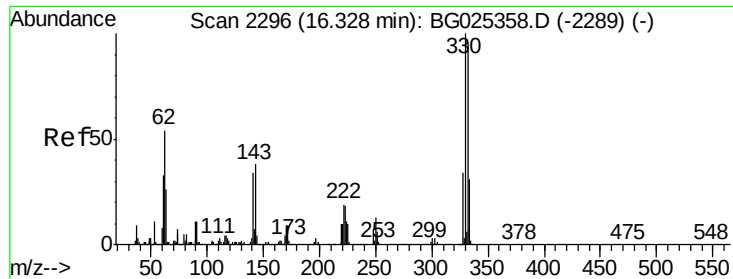


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

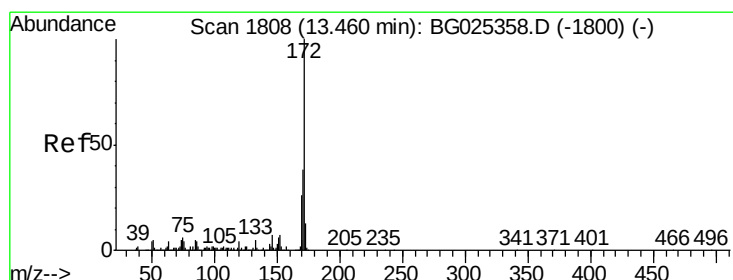
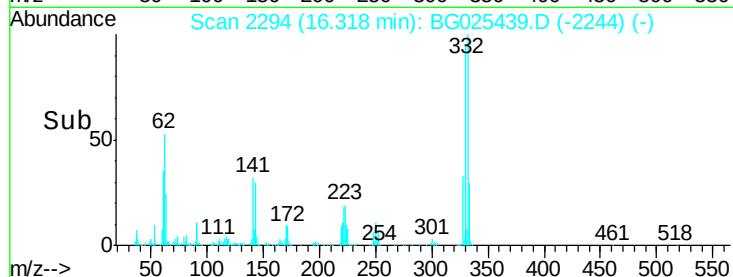
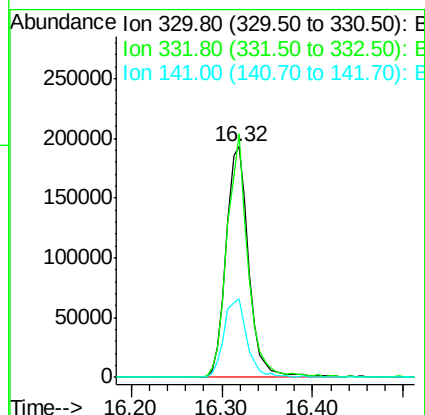
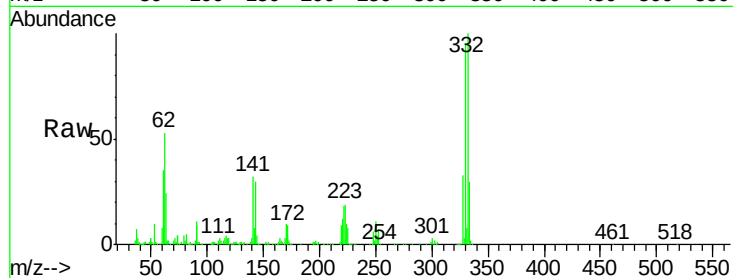




#41
 2,4,6-Tribromophenol
 Concen: 142.70 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025439.D
 Acq: 9 Jan 2017 20:51

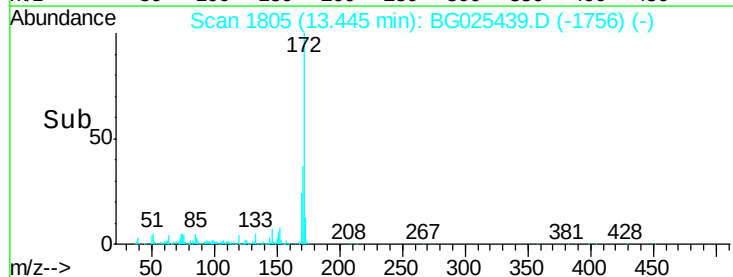
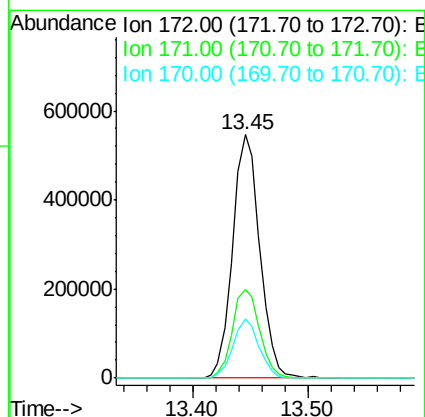
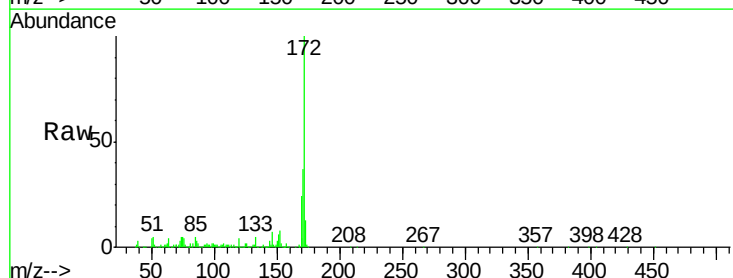
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 BNA_G
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 TP4-COMP12

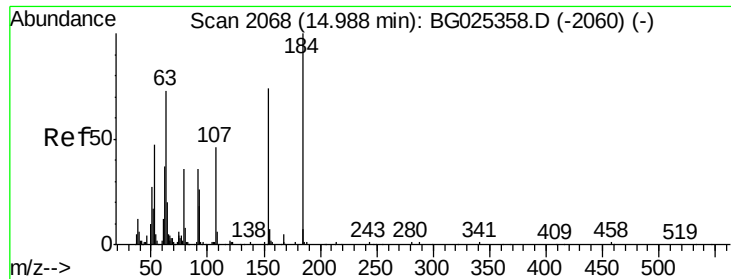
Tgt Ion:330 Resp: 333711
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 34.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 99.27 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.02 min
 Lab File: BG025439.D
 Acq: 9 Jan 2017 20:51

Tgt Ion:172 Resp: 890682
 Ion Ratio Lower Upper
 172 100
 171 36.6 32.2 48.2
 170 24.3 21.8 32.6

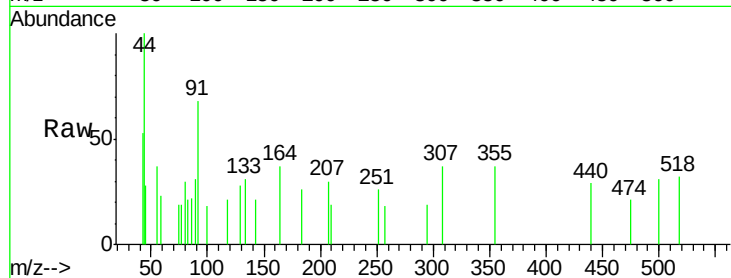




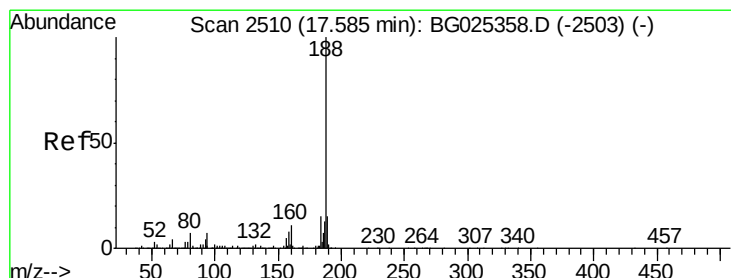
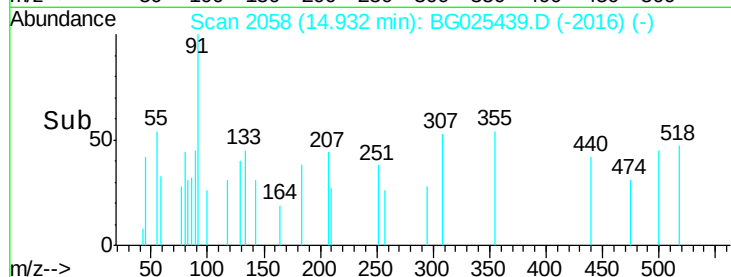
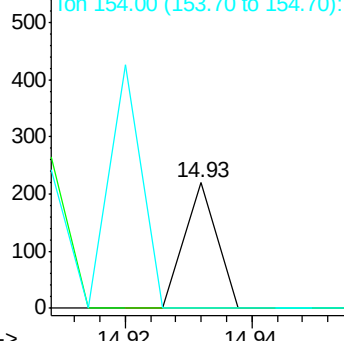
#53
2,4-Dinitrophenol
Concen: 5.13 ng
RT: 14.93 min Scan# 2058
Delta R.T. -0.06 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Instrument :
BNA_G
ClientSampleId :
TP4-COMP12

Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

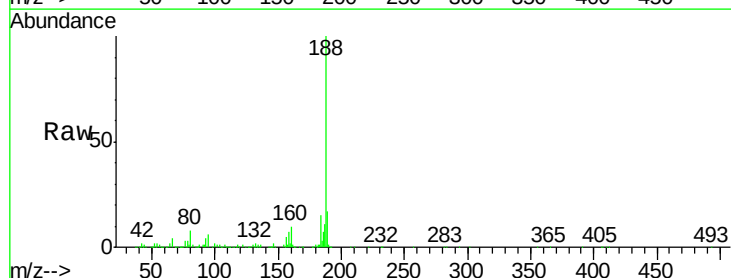


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

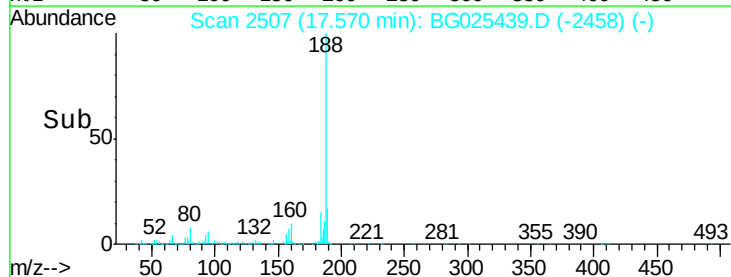
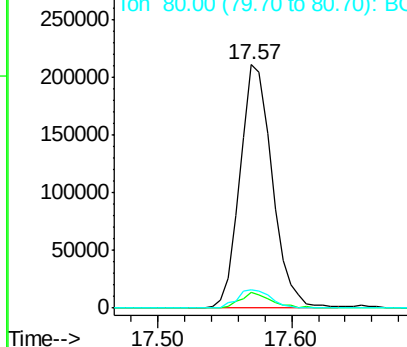


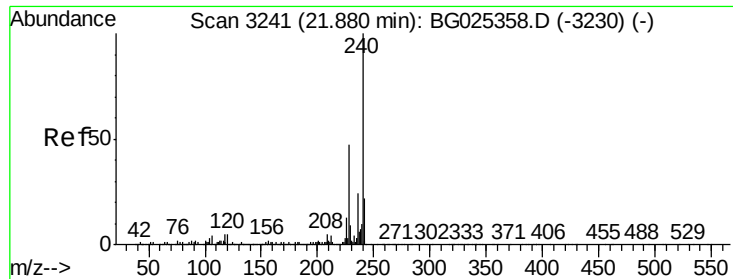
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.02 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Tgt Ion:188 Resp: 353487
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.6 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: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Instrument :

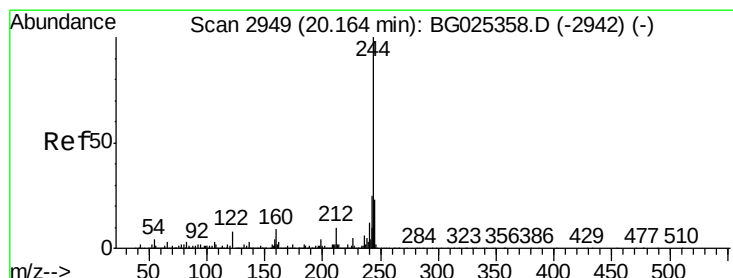
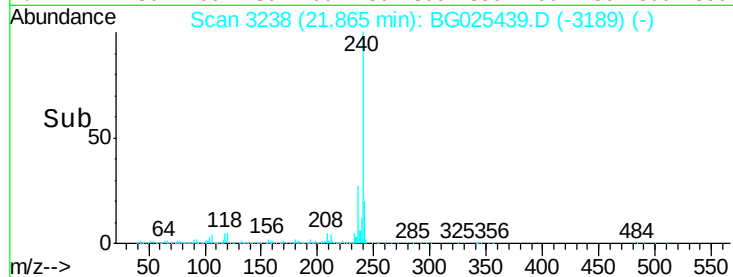
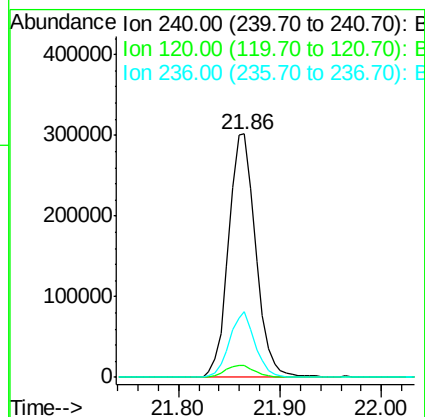
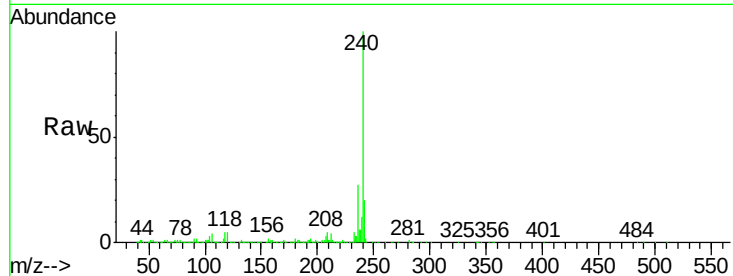
BNA_G

ClientSampleId :

TP4-COMP12

Tgt Ion:240 Resp: 562587

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	26.9	22.2	33.4



#78

Terphenyl-d14

Concen: 91.12 ng

RT: 20.15 min Scan# 2946

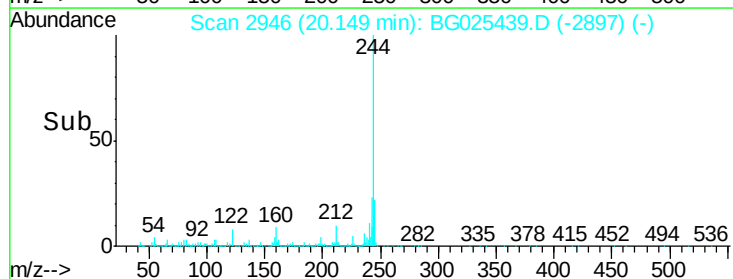
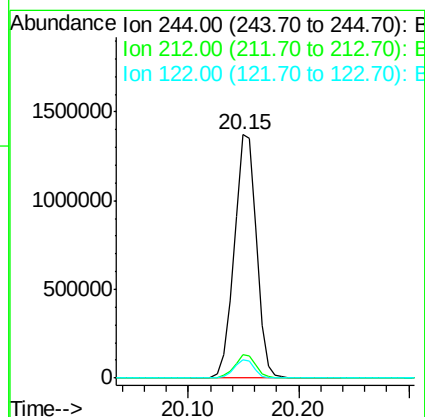
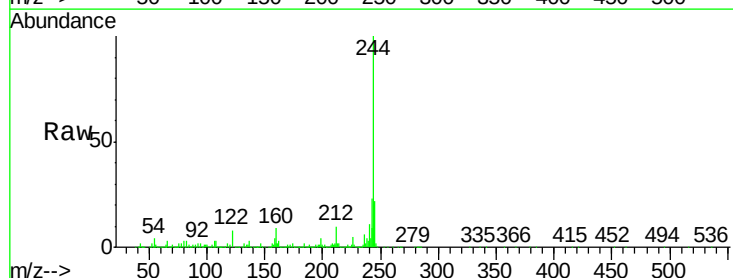
Delta R.T. -0.02 min

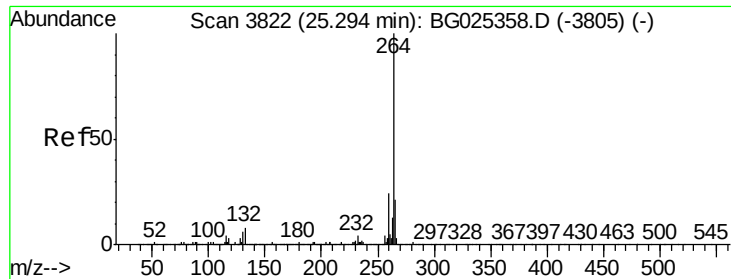
Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Tgt Ion:244 Resp: 1933497

Ion	Ratio	Lower	Upper
244	100		
212	9.9	10.0	15.0#
122	7.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Instrument :
BNA_G
ClientSampleId :
TP4-COMP12

Tgt Ion:	264	Resp:	423114
Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	19.6	18.2	27.4

