

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022606.D
 Acq On : 26 Jun 2016 12:05
 Operator : UM/SJ
 Sample : H3713-06
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:09:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

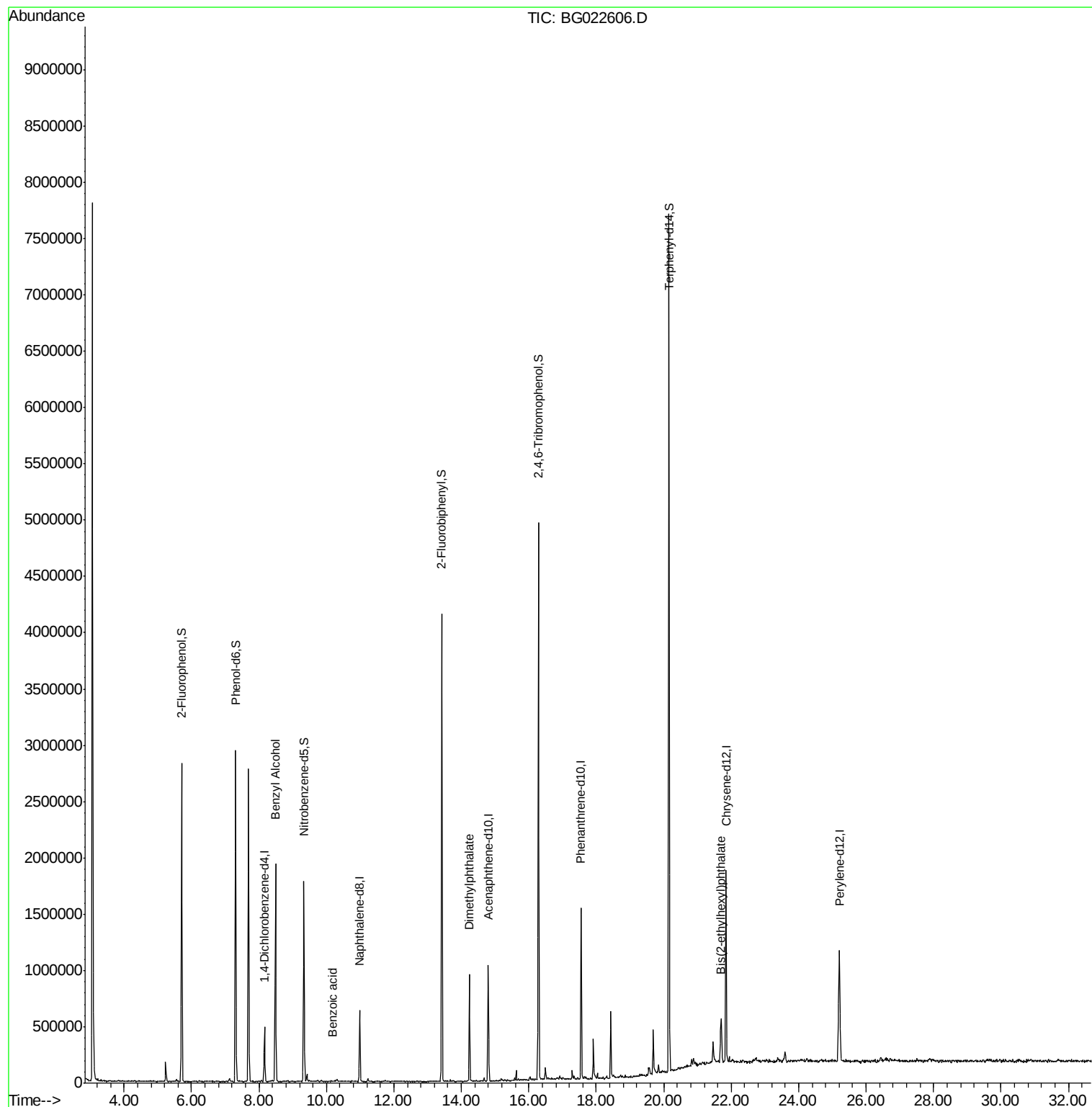
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	117412	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	498094	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	359515	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	920717	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1076133	20.00	ng	0.00
86) Perylene-d12	25.21	264	1147661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1109223	151.53	ng	0.00
7) Phenol-d6	7.31	99	1599507	155.02	ng	0.00
23) Nitrobenzene-d5	9.33	82	1124757	95.57	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	867084	153.34	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1987779	87.68	ng	0.00
78) Terphenyl-d14	20.15	244	2867596	70.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	21065	2.21	ng	# 60
32) Benzoic acid	10.19	122	79	5.13	ng	# 1
49) Dimethylphthalate	14.24	163	569735	19.10	ng	97
83) Bis(2-ethylhexyl)phthalate	21.70	149	391770	11.21	ng	# 97

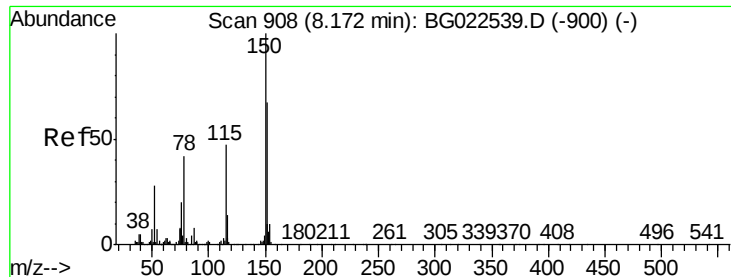
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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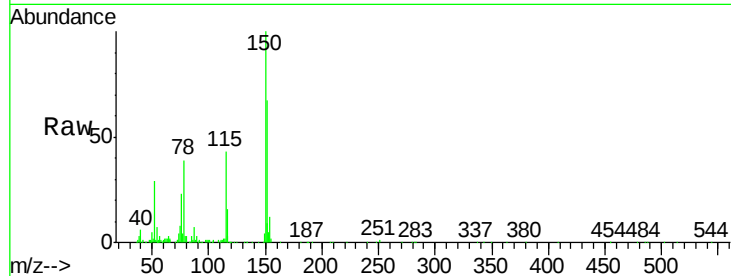


#1

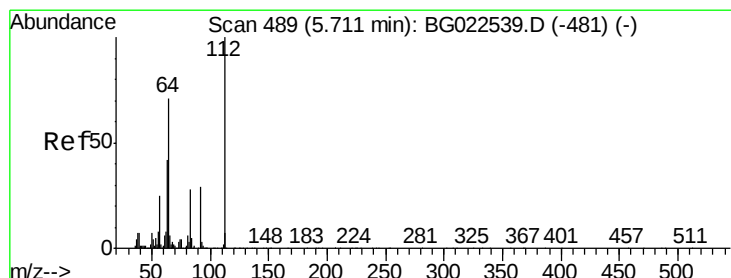
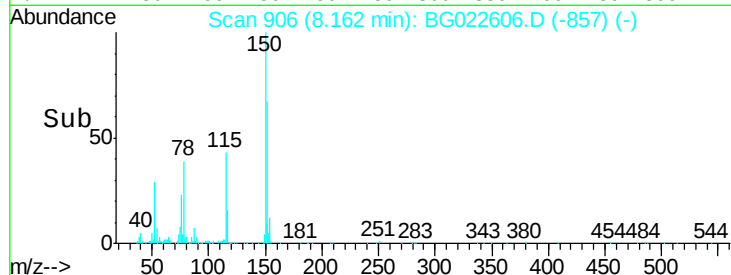
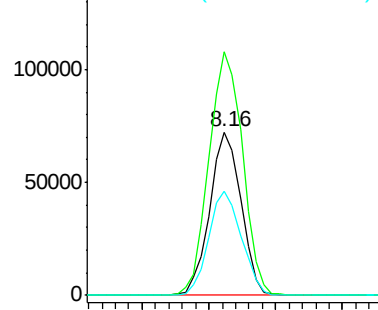
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	144.7	217.1
115	63.6	64.0	96.0



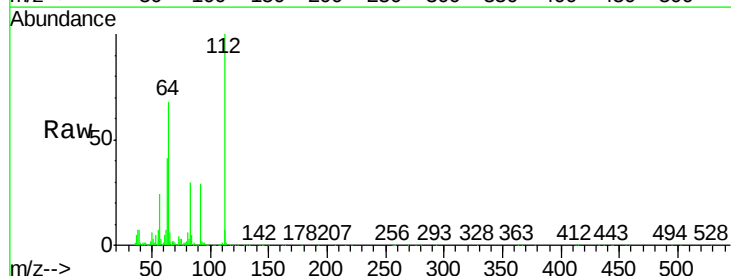
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



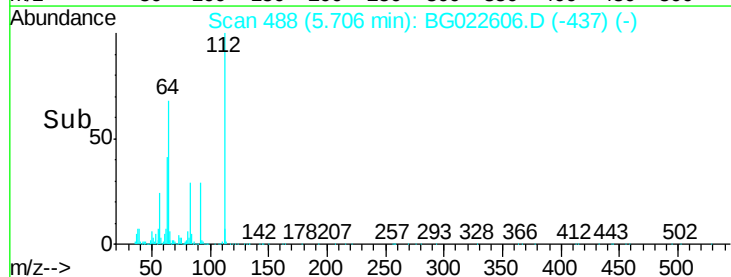
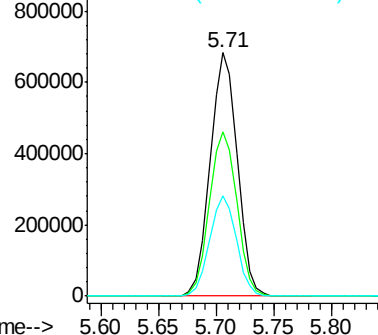
#5

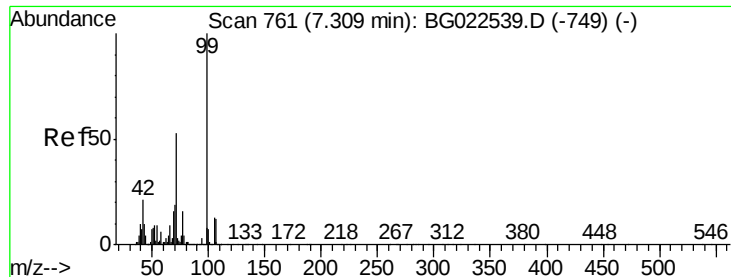
2-Fluorophenol
Concen: 151.53 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	59.0	88.4
63	41.2	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: 155.02 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

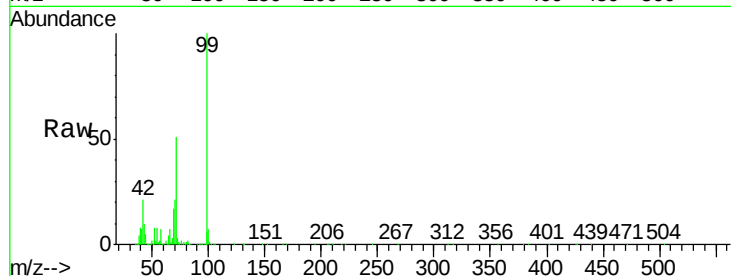
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1599507

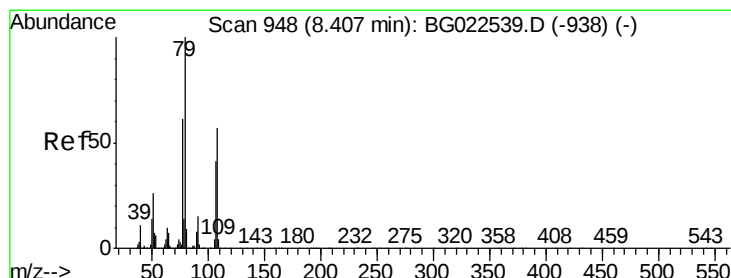
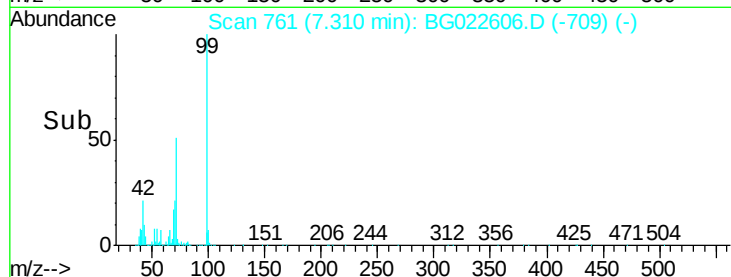
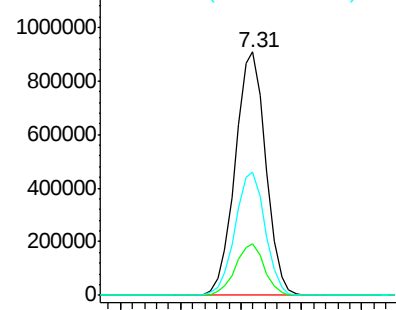
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.8	26.6
71	50.6	41.5	62.3



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



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 8.48 min Scan# 961

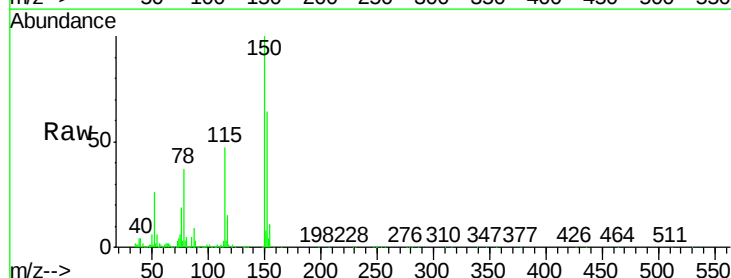
Delta R.T. 0.08 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Tgt Ion: 79 Resp: 21065

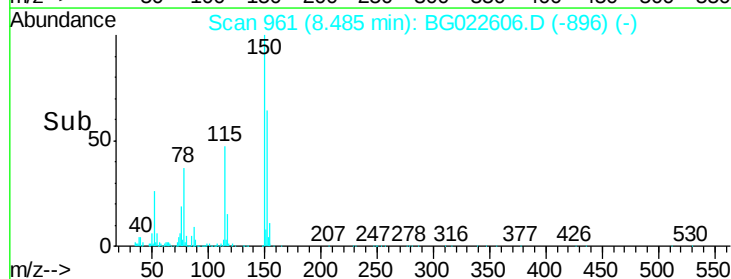
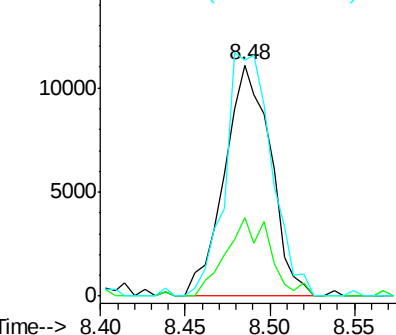
Ion	Ratio	Lower	Upper
79	100		
108	33.8	46.5	69.7#
77	102.0	52.3	78.5#

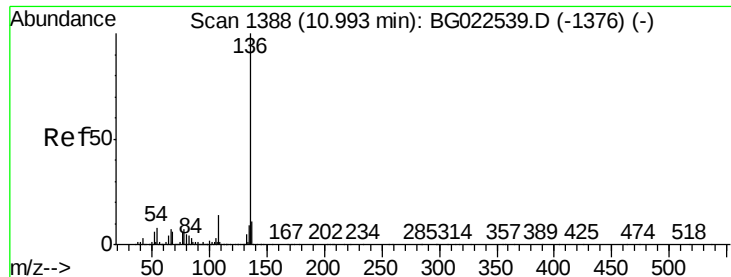


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

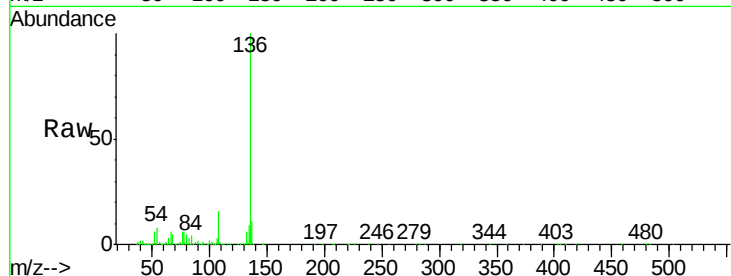




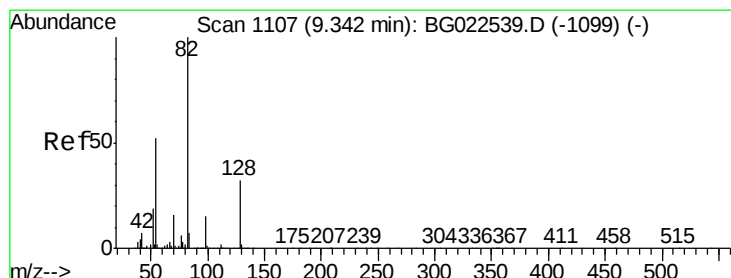
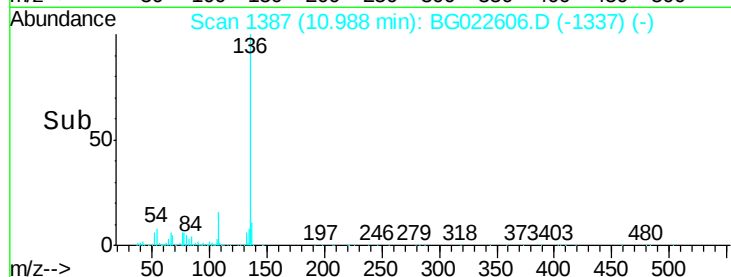
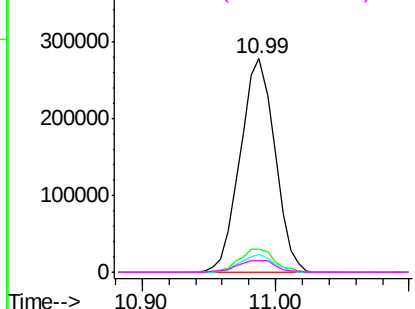
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	498094	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.6	14.4	
54 8.4	7.3	10.9	
68 5.5	5.3	7.9	

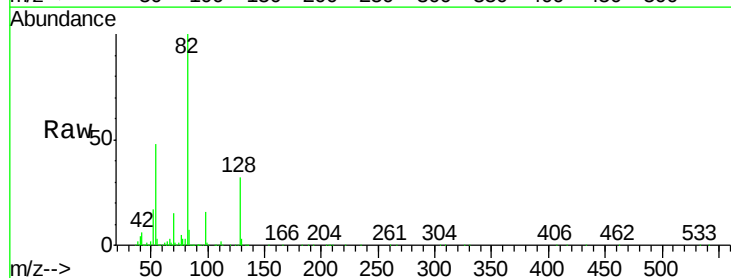


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

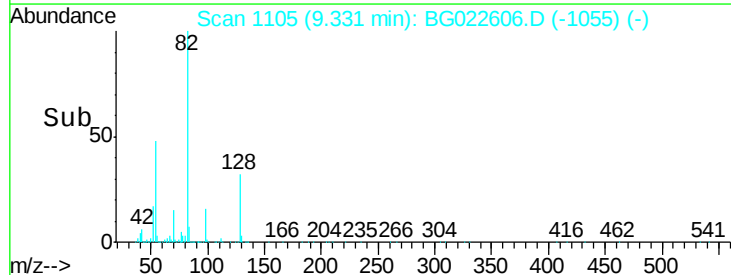
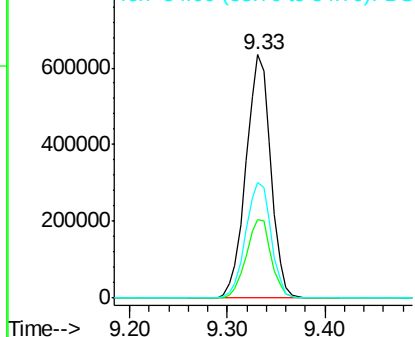


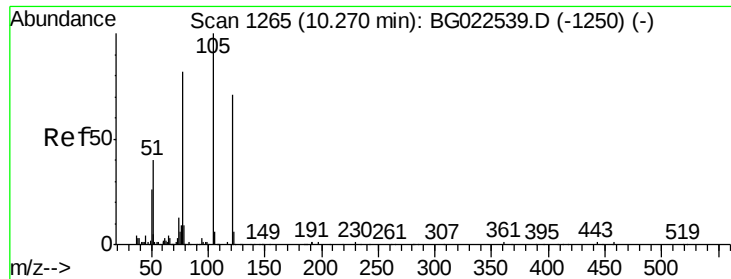
#23
Nitrobenzene-d5
Concen: 95.57 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Tgt	Ion: 82	Resp: 1124757	
Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.4	36.6
54	47.7	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 5.13 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Instrument :

BNA_G

ClientSampleId :

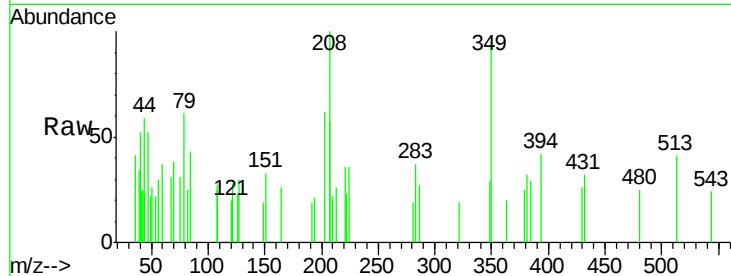
Tot Ion:122 Resp: 79

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

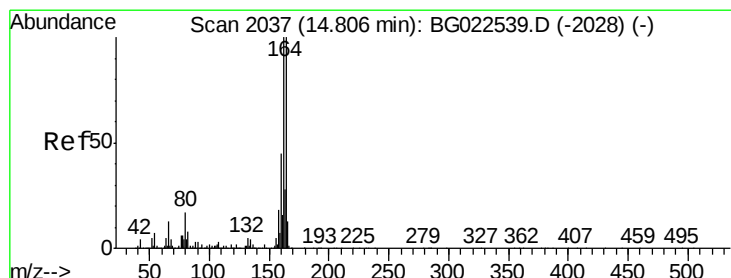
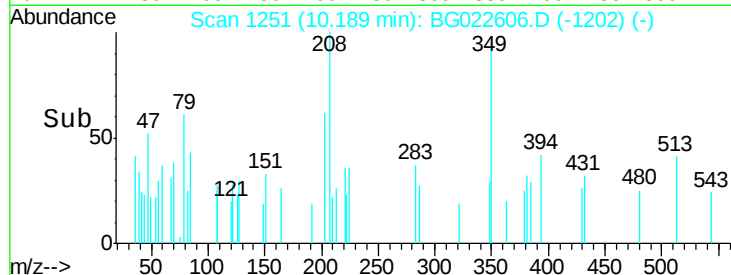
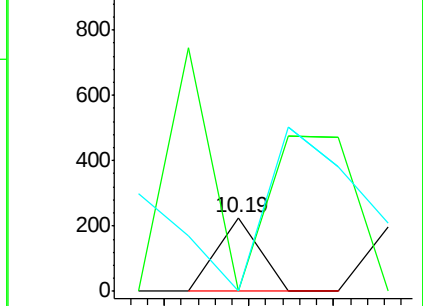
77 0.0 109.2 149.2#



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): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

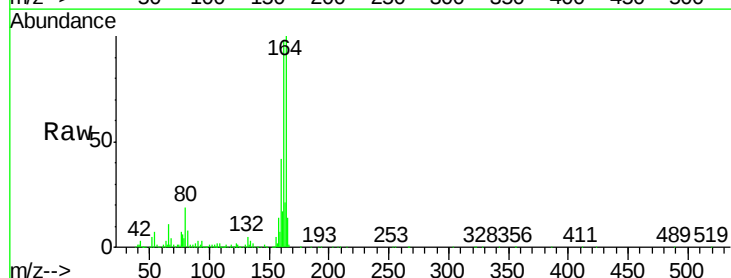
Tgt Ion:164 Resp: 359515

Ion Ratio Lower Upper

164 100

162 98.0 87.7 131.5

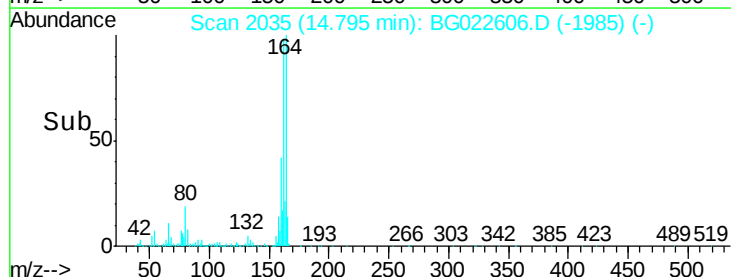
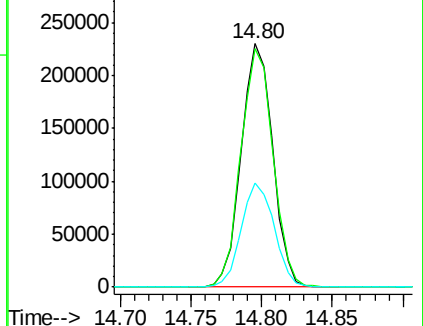
160 42.5 37.2 55.8

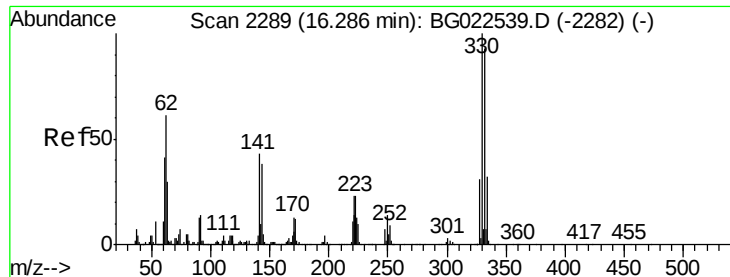


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

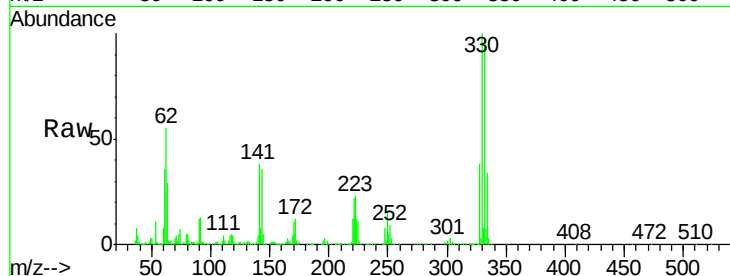




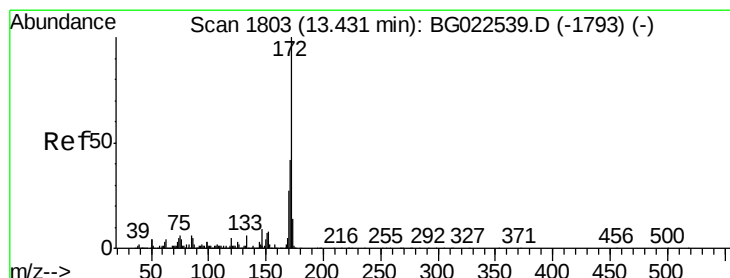
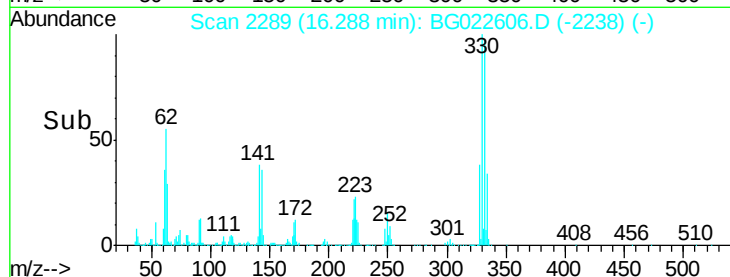
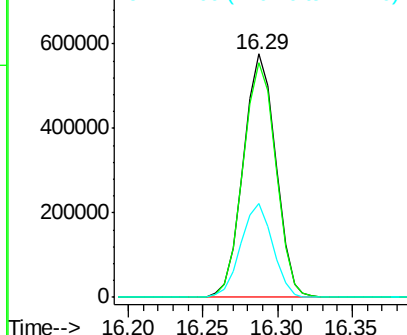
#41
2,4,6-Tribromophenol
Concen: 153.34 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 867084
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 38.3 31.7 47.5

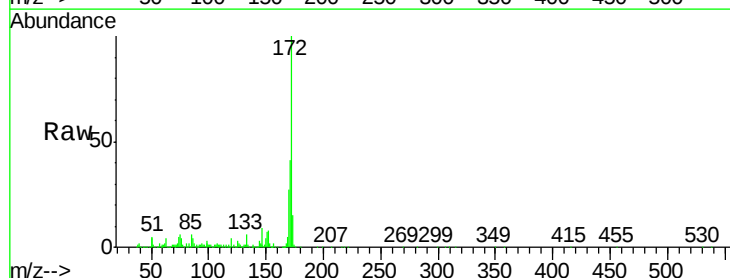


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

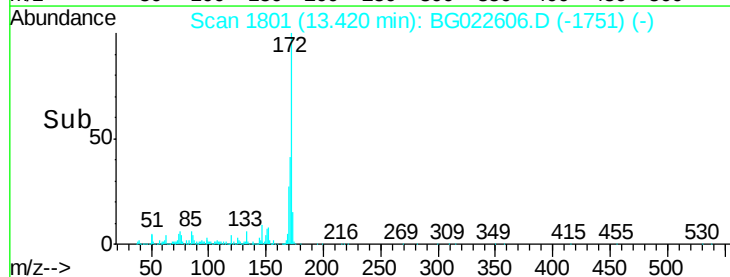
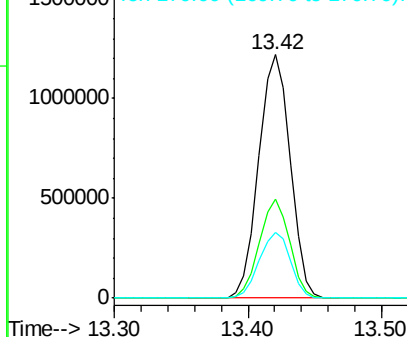


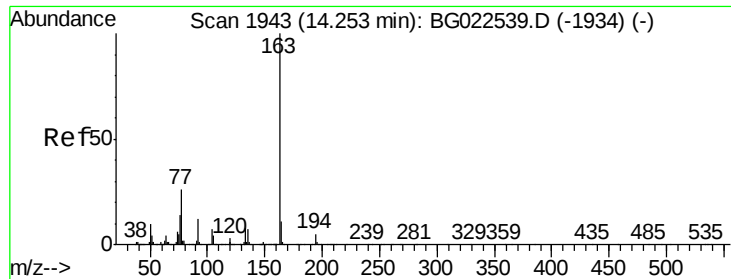
#44
2-Fluorobiphenyl
Concen: 87.68 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Tgt Ion:172 Resp: 1987779
Ion Ratio Lower Upper
172 100
171 40.7 31.6 47.4
170 27.0 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

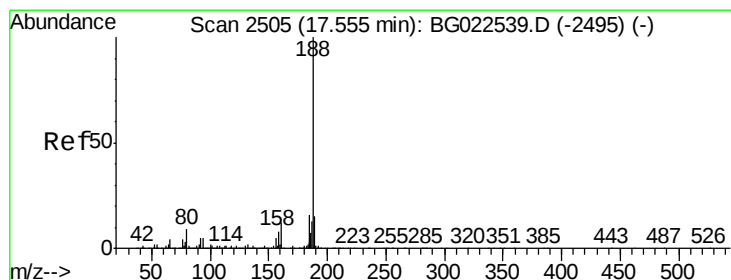
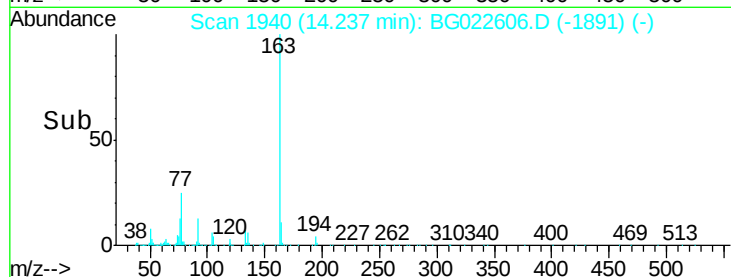
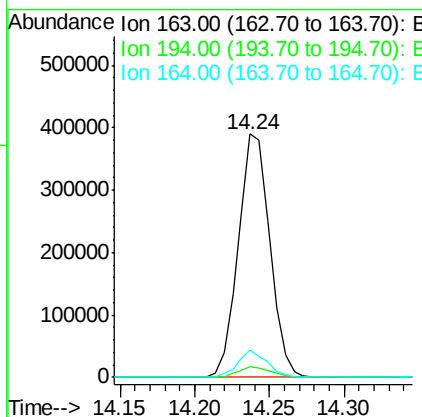
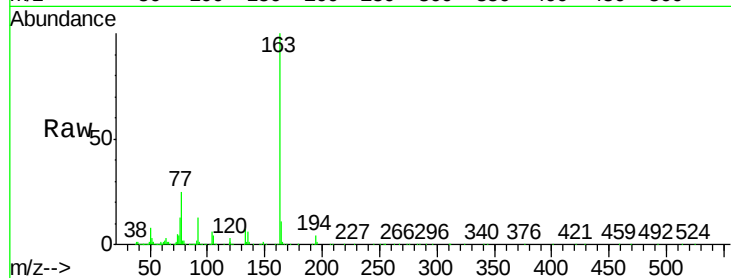




#49
Dimethylphthalate
Concen: 19.10 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

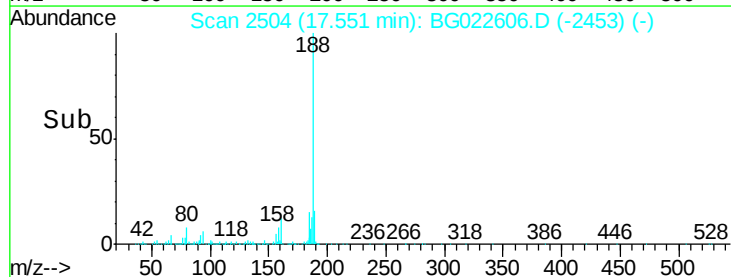
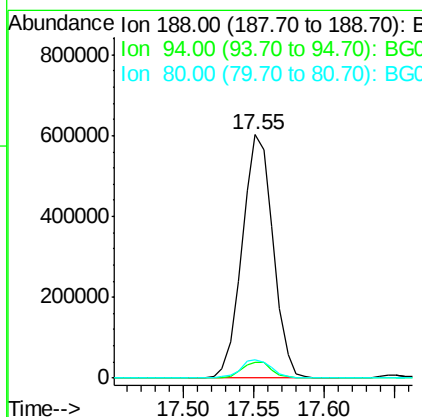
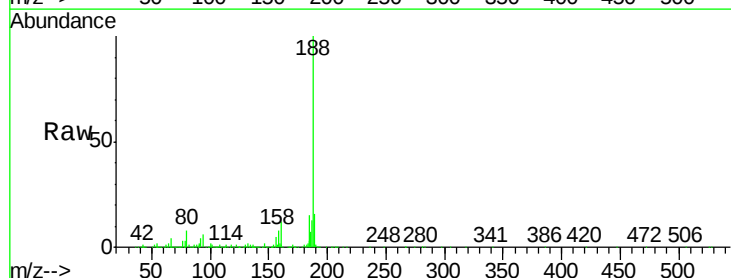
Instrument :
BNA_G
ClientSampled :

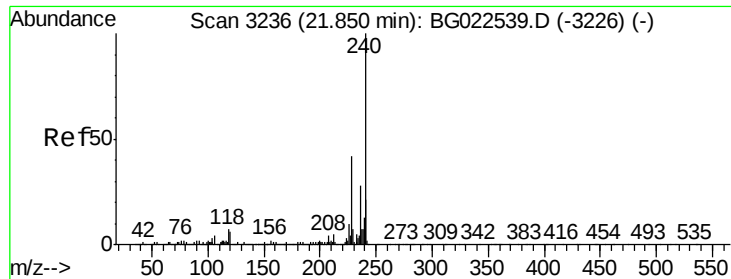
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.4	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022606.D
Acq: 26 Jun 2016 12:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.2	7.8
80	7.6	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Instrument :

BNA_G

ClientSampleId :

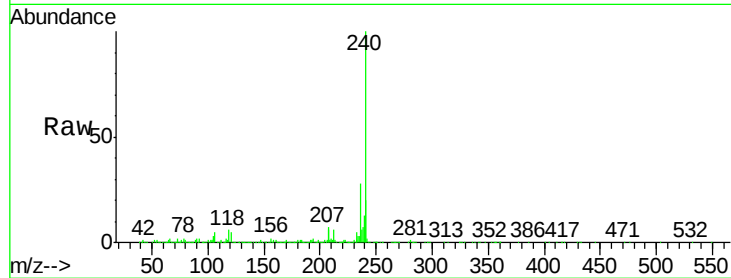
Tot Ion:240 Resp: 1076133

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

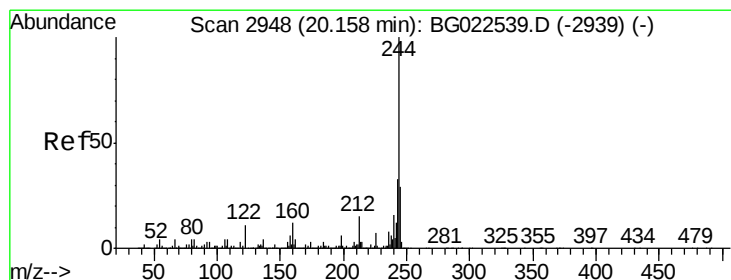
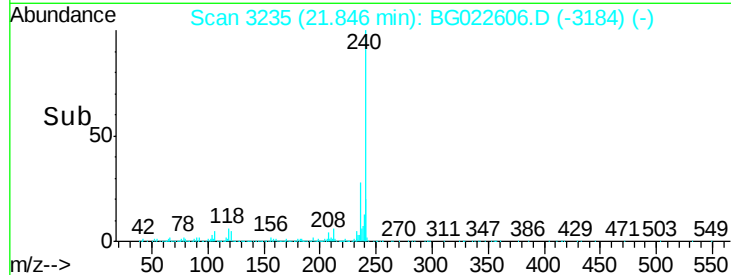
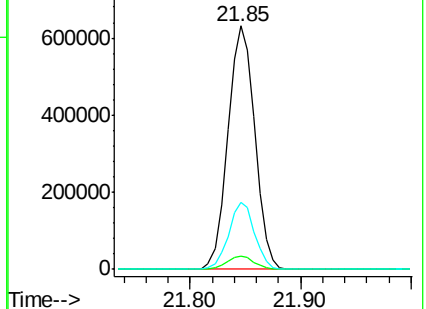
236 27.5 21.1 31.7



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: 70.60 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

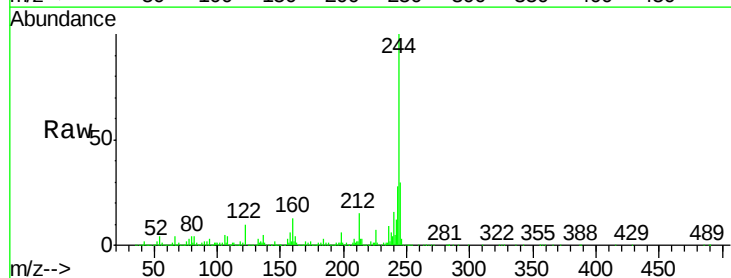
Tgt Ion:244 Resp: 2867596

Ion Ratio Lower Upper

244 100

212 14.7 10.8 16.2

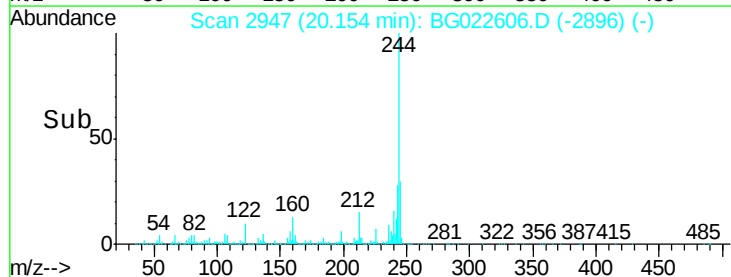
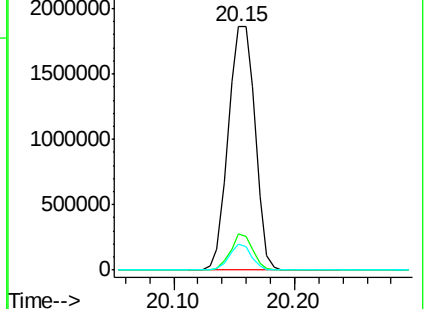
122 10.4 8.0 12.0

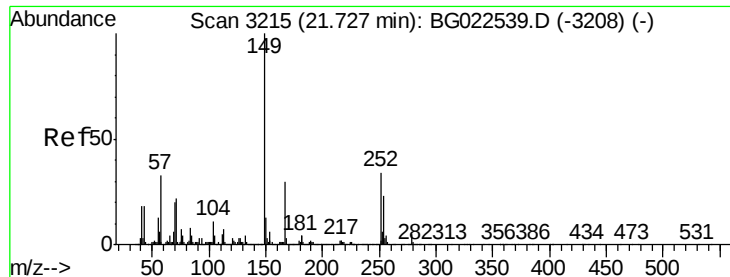


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.21 ng

RT: 21.70 min Scan# 3211

Delta R.T. -0.02 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

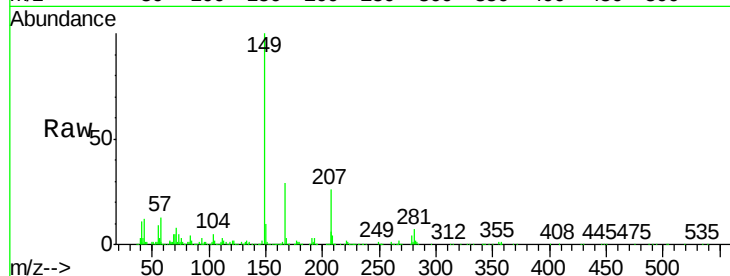
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 391770

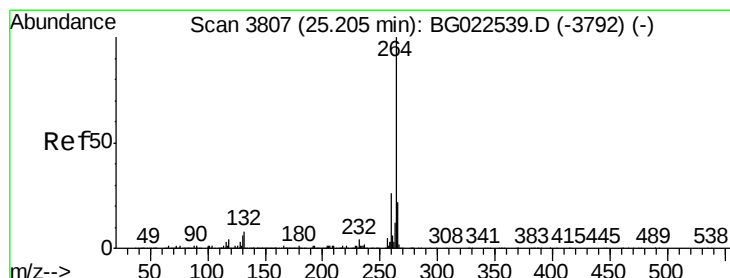
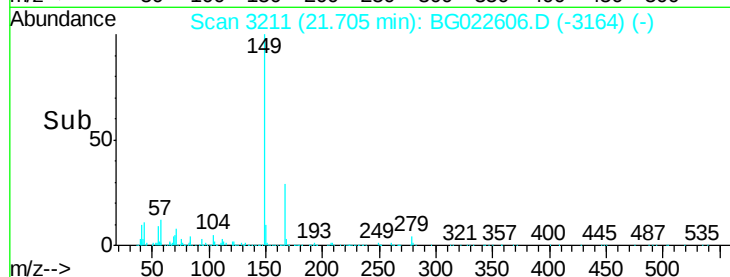
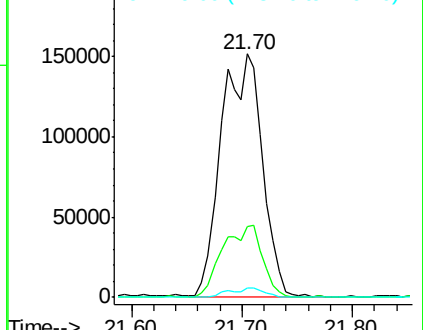
Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.0	36.0
279	3.7	4.8	7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

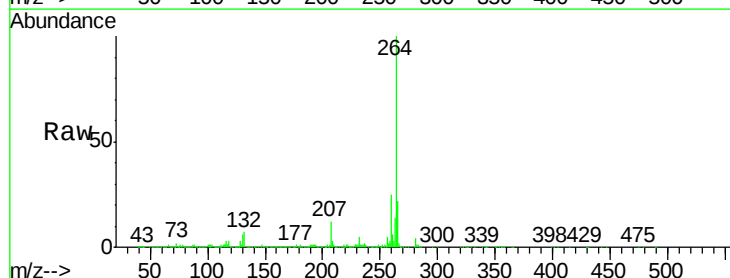
Delta R.T. 0.00 min

Lab File: BG022606.D

Acq: 26 Jun 2016 12:05

Tgt Ion:264 Resp: 1147661

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	21.9	18.9	28.3



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

