

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022626.D
 Acq On : 27 Jun 2016 2:04
 Operator : UM/SJ
 Sample : H3741-03
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 03:18:32 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

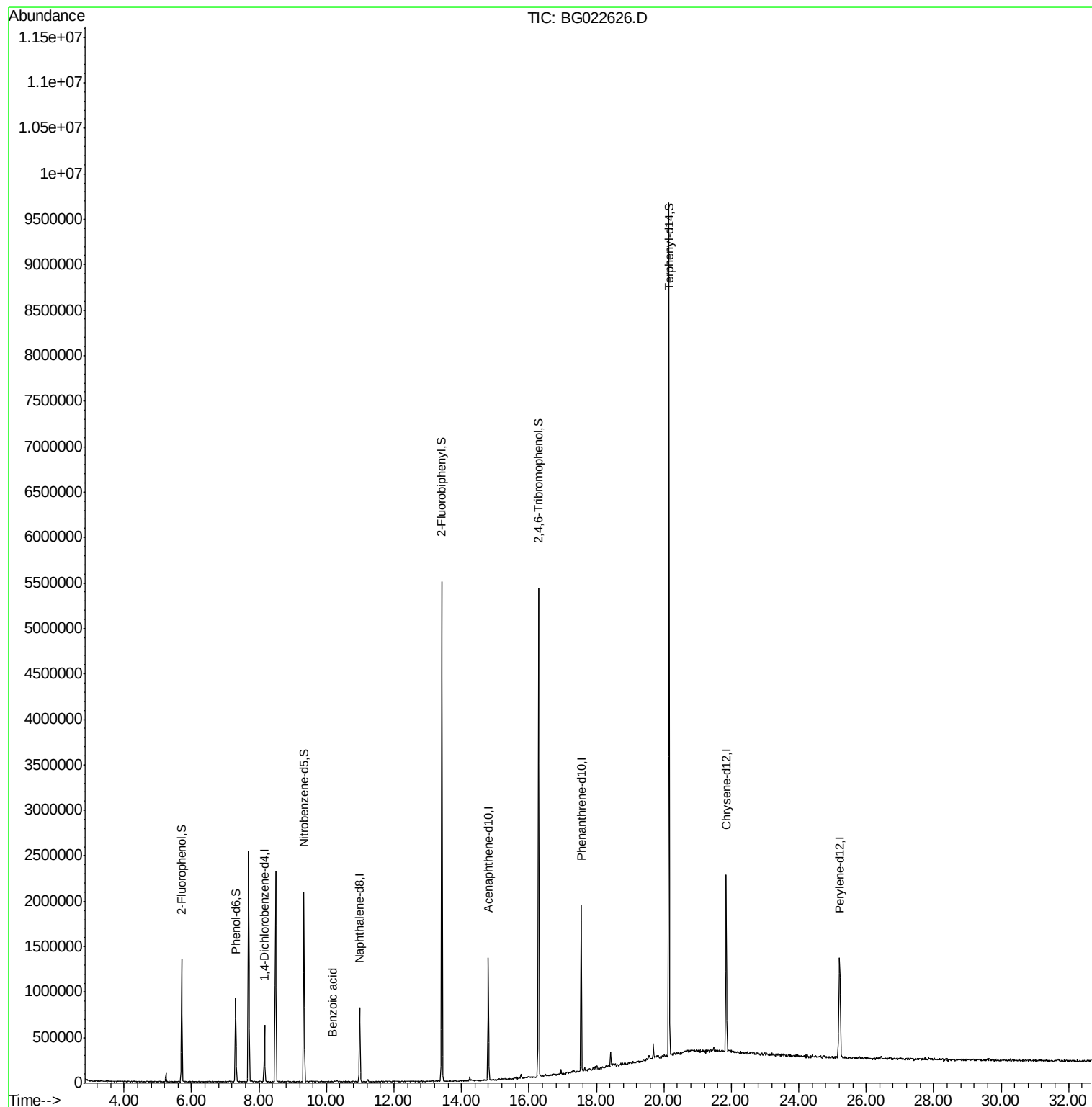
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	157534	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	652768	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	455931	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1101495	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1256431	20.00	ng	0.00
86) Perylene-d12	25.21	264	1298789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	557406	56.75	ng	0.00
7) Phenol-d6	7.31	99	517386	37.37	ng	0.00
23) Nitrobenzene-d5	9.33	82	1342313	87.03	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1023067	142.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2504394	87.11	ng	0.00
78) Terphenyl-d14	20.15	244	3334375	70.31	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	538	5.18	ng	Qvalue # 7

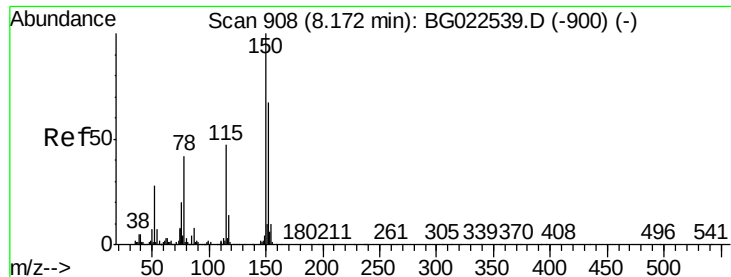
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022626.D

Acq: 27 Jun 2016 2:04

Instrument :

BNA_G

ClientSampleId :

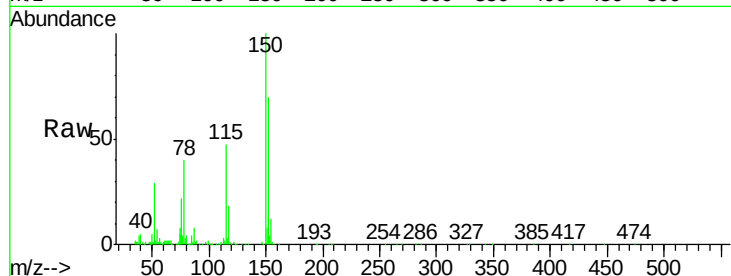
Tot Ion:152 Resp: 157534

Ion Ratio Lower Upper

152 100

150 142.6 144.7 217.1#

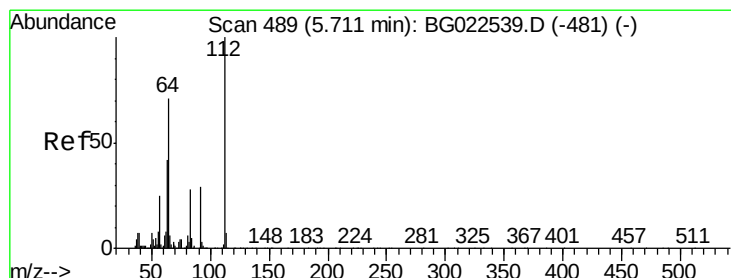
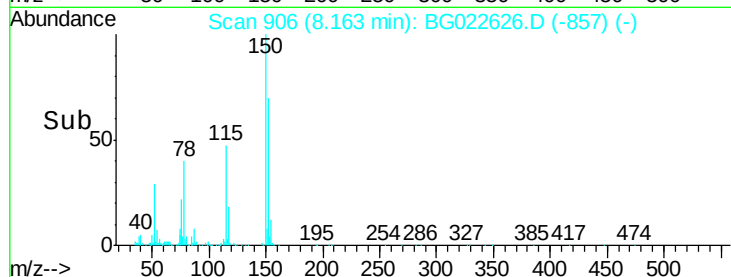
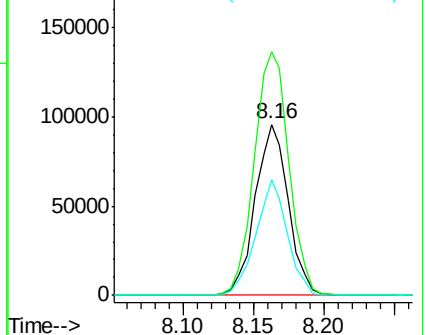
115 67.5 64.0 96.0



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: 56.75 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022626.D

Acq: 27 Jun 2016 2:04

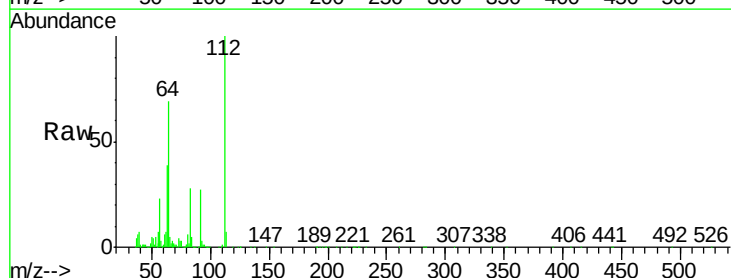
Tgt Ion:112 Resp: 557406

Ion Ratio Lower Upper

112 100

64 69.1 59.0 88.4

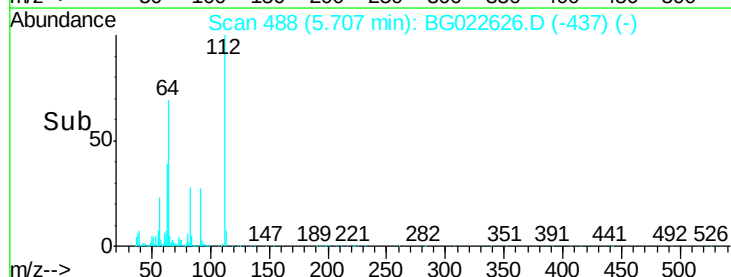
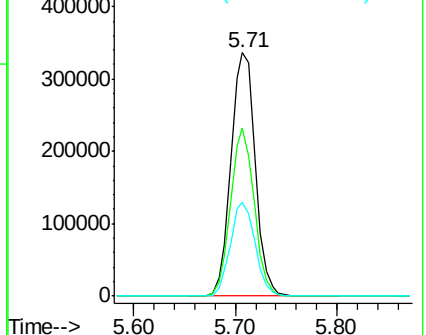
63 38.7 37.8 56.8

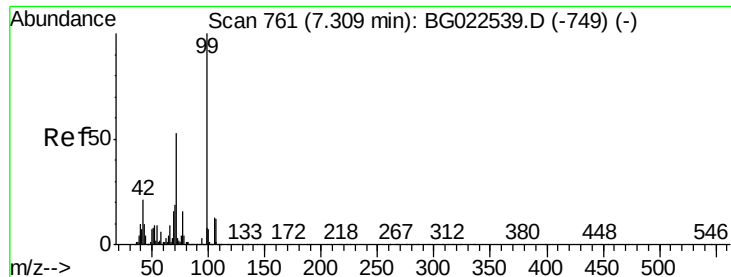


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.37 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022626.D

Acq: 27 Jun 2016 2:04

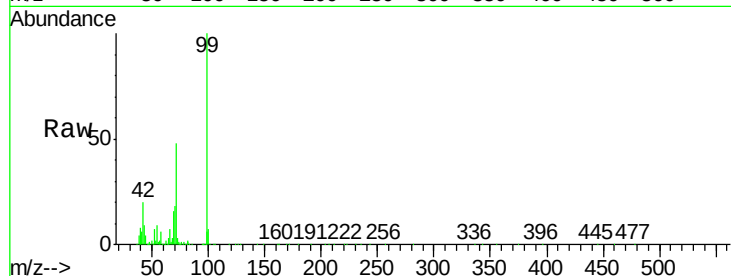
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 517386

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	48.4	41.5	62.3

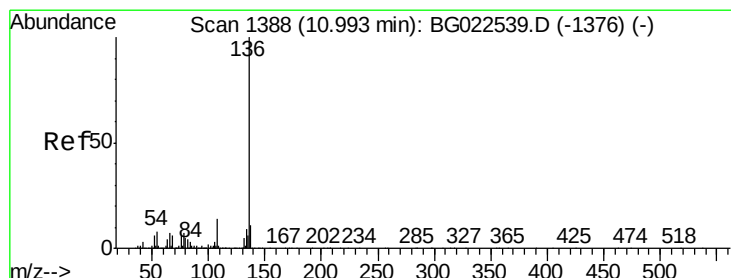
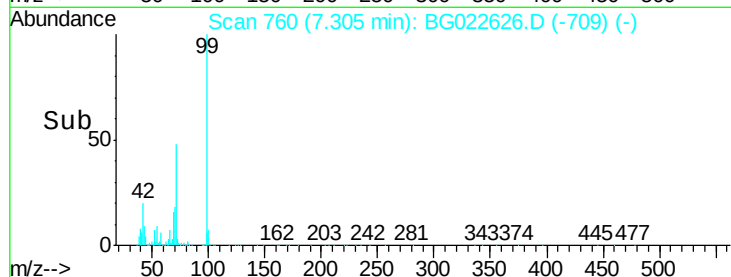
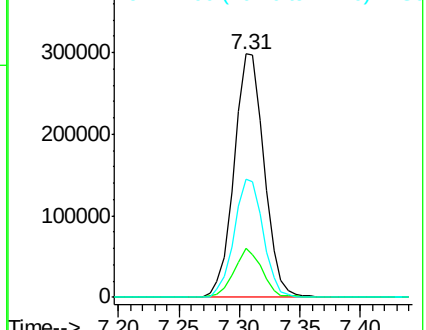


Abundance

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: 10.99 min Scan# 1387

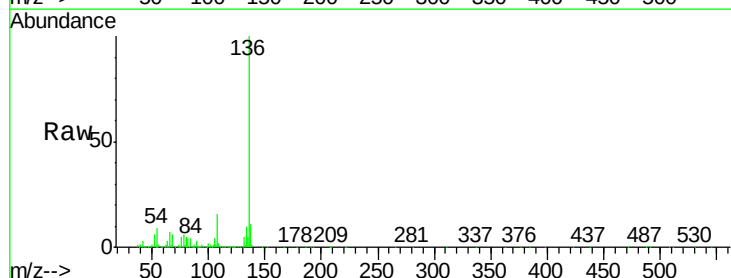
Delta R.T. -0.00 min

Lab File: BG022626.D

Acq: 27 Jun 2016 2:04

Tgt Ion: 136 Resp: 652768

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.1	7.3	10.9
68	5.9	5.3	7.9



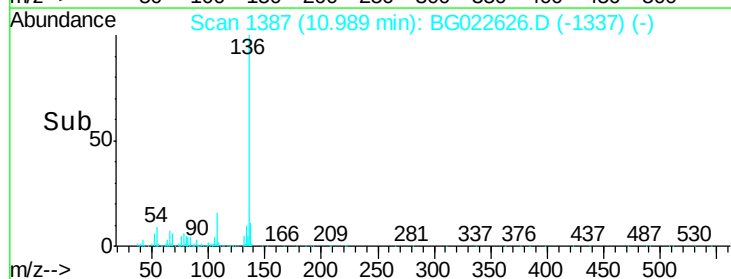
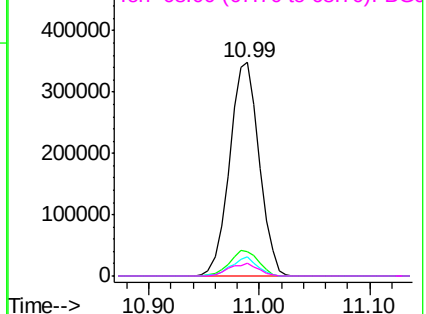
Abundance

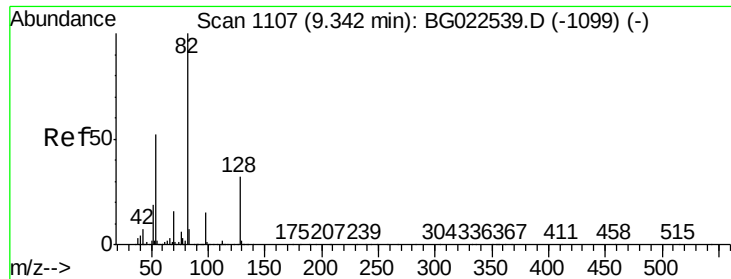
Ion 136.00 (135.70 to 136.70): BGC

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

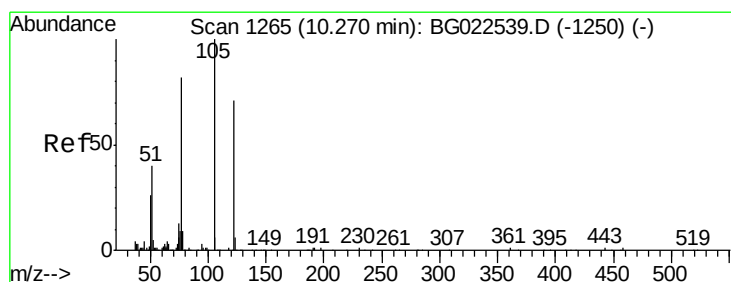
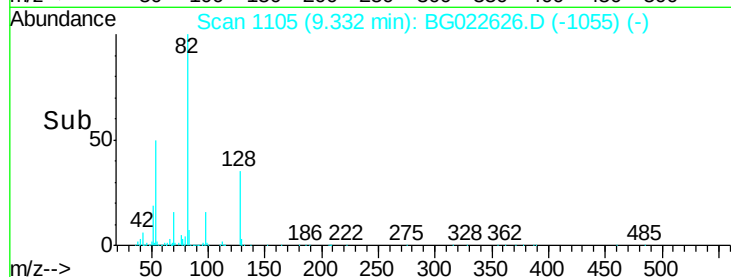
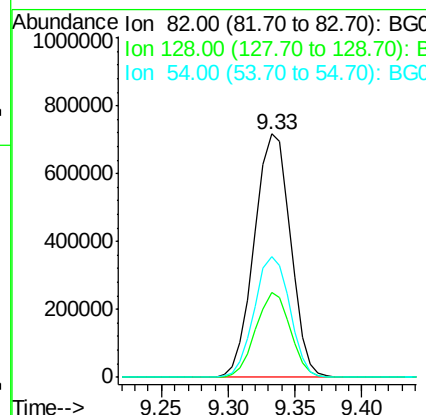
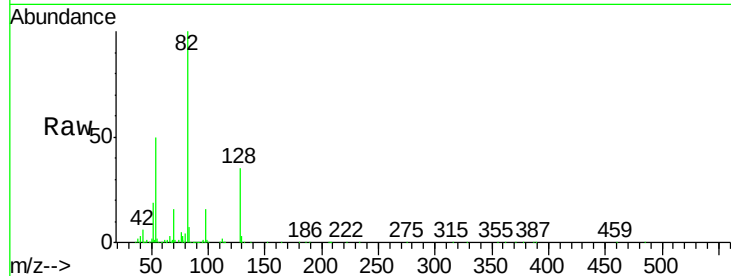




#23
Nitrobenzene-d5
Concen: 87.03 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022626.D
Acq: 27 Jun 2016 2:04

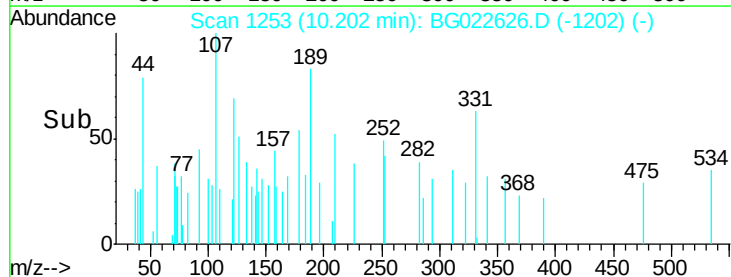
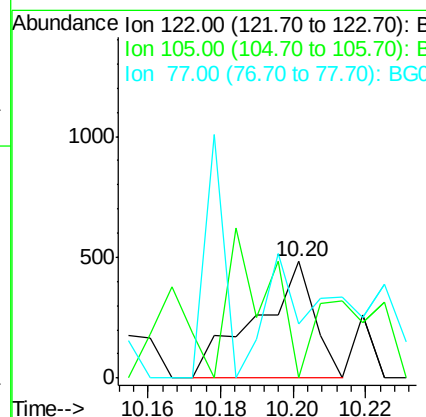
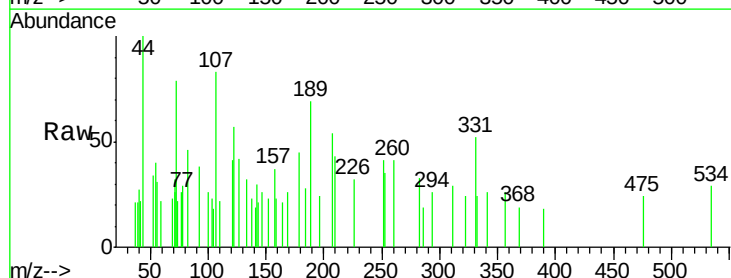
Instrument :
BNA_G
ClientSampleId :

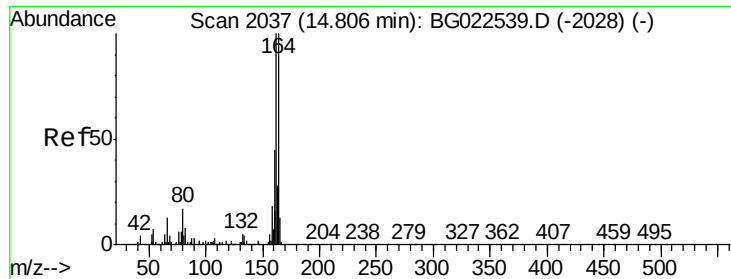
Tot Ion: 82 Resp: 1342313
Ion Ratio Lower Upper
82 100
128 34.7 24.4 36.6
54 49.8 41.4 62.0



#32
Benzoic acid
Concen: 5.18 ng
RT: 10.20 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG022626.D
Acq: 27 Jun 2016 2:04

Tgt Ion: 122 Resp: 538
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 46.3 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022626.D

Acq: 27 Jun 2016 2:04

Instrument :

BNA_G

ClientSampleId :

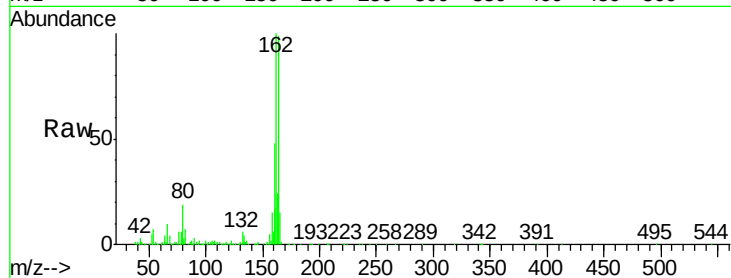
Tot Ion:164 Resp: 455931

Ion Ratio Lower Upper

164 100

162 101.2 87.7 131.5

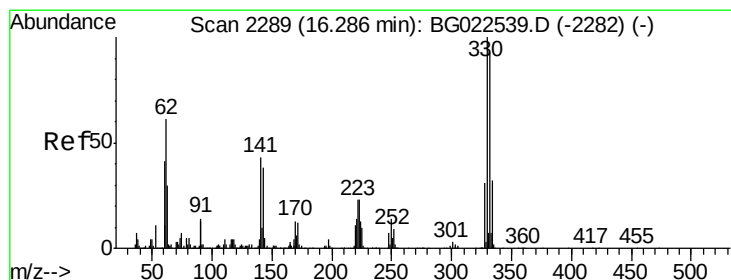
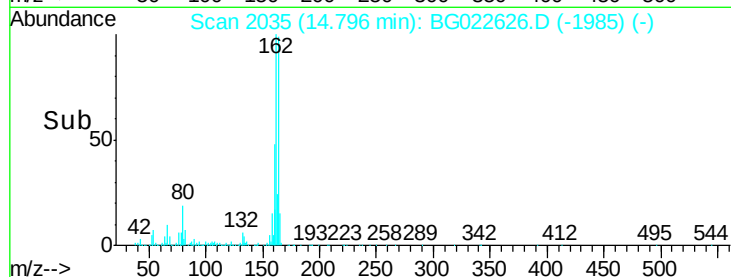
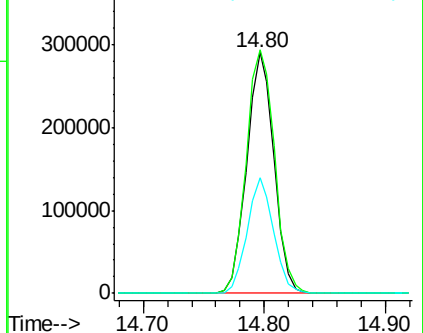
160 48.2 37.2 55.8



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: 142.66 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022626.D

Acq: 27 Jun 2016 2:04

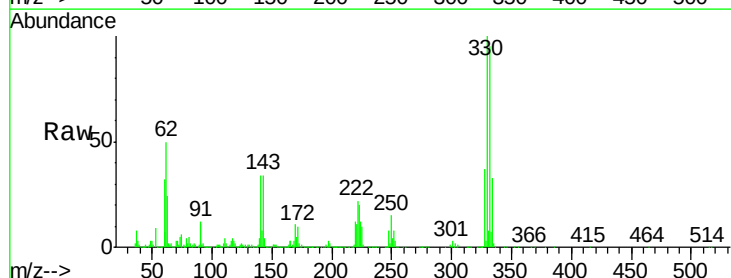
Tgt Ion:330 Resp: 1023067

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

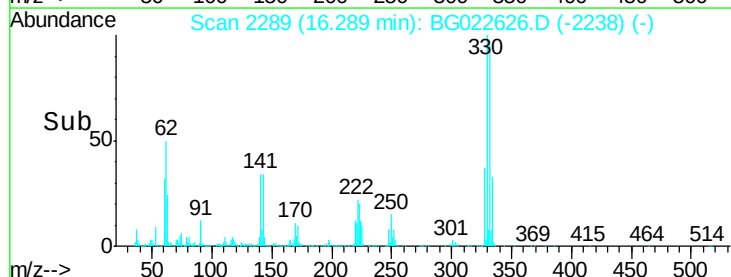
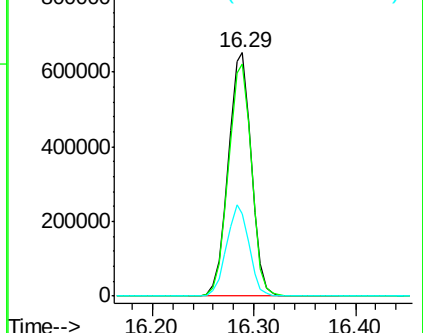
141 36.8 31.7 47.5

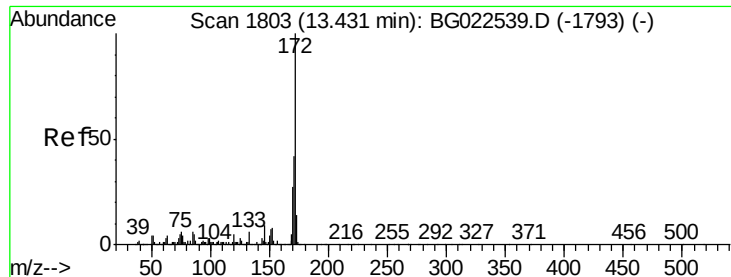


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

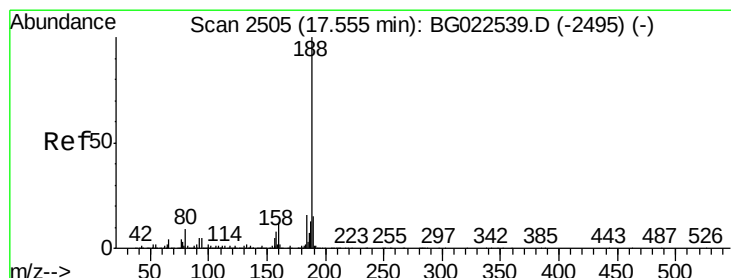
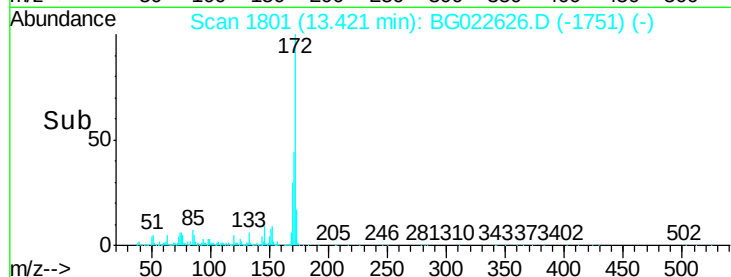
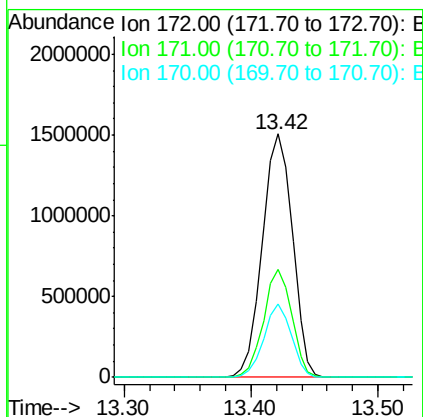
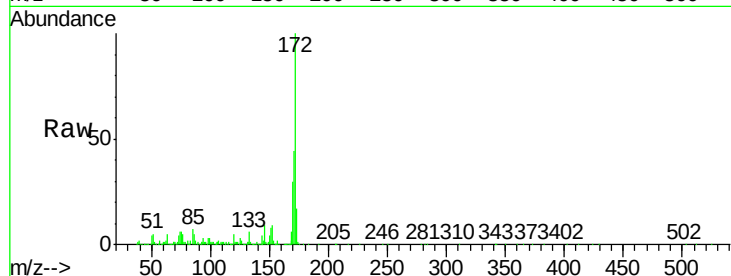




#44
2-Fluorobiphenyl
Concen: 87.11 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022626.D
Acq: 27 Jun 2016 2:04

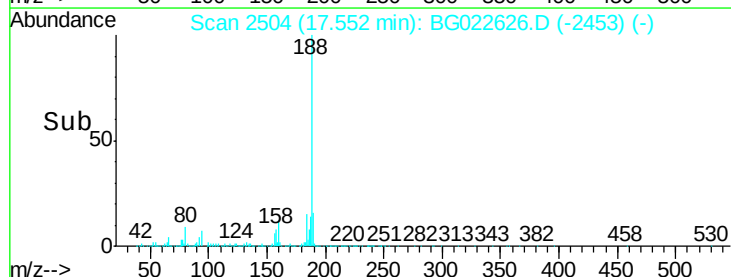
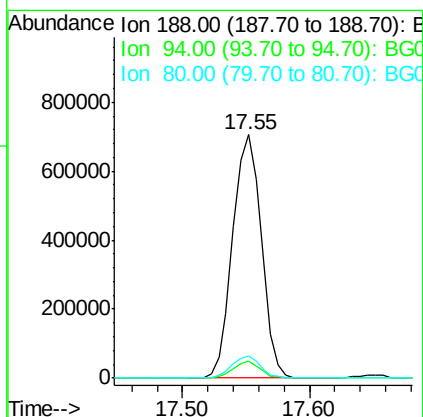
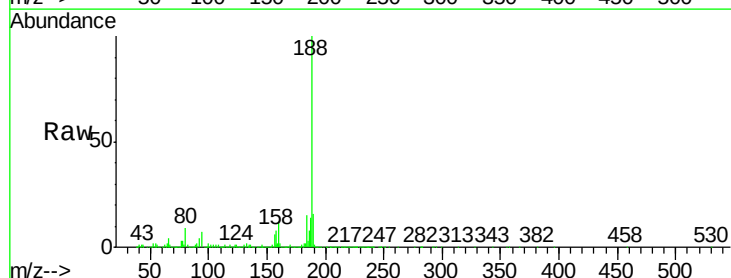
Instrument :
BNA_G
ClientSampleId :

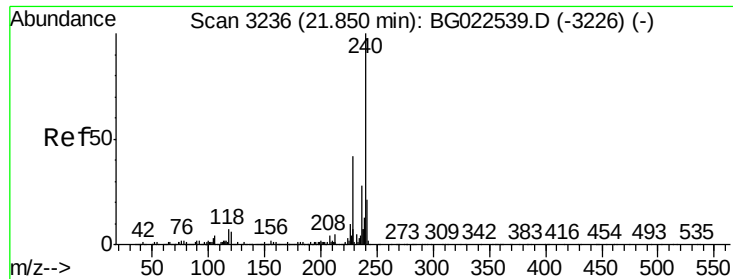
Tot Ion:172 Resp: 2504394
Ion Ratio Lower Upper
172 100
171 44.3 31.6 47.4
170 30.1 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022626.D
Acq: 27 Jun 2016 2:04

Tgt Ion:188 Resp: 1101495
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.2 7.2 10.8

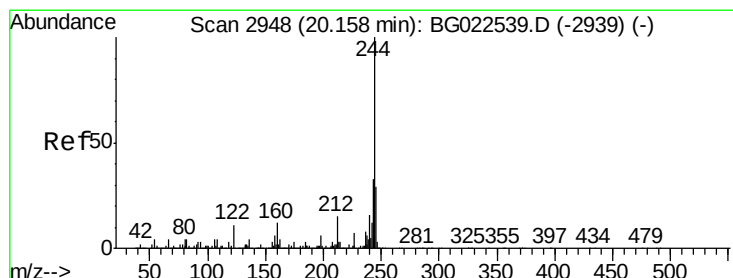
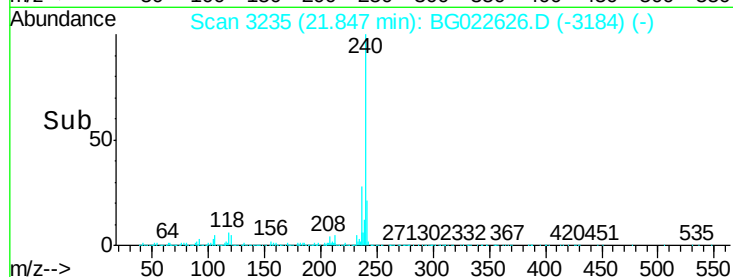
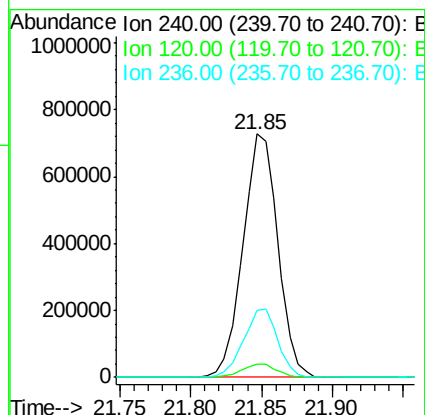
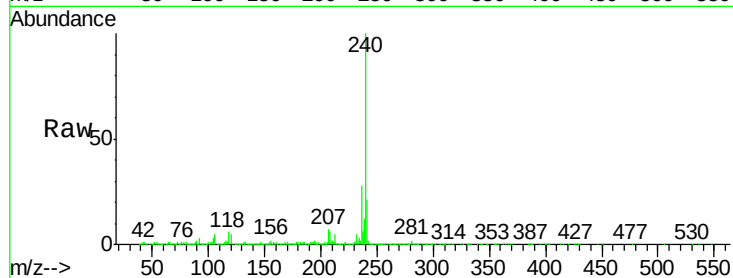




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: BG022626.D
 Acq: 27 Jun 2016 2:04

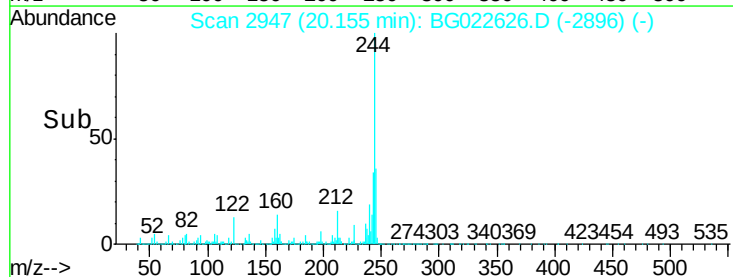
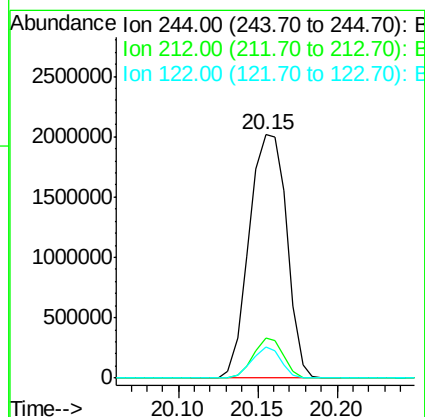
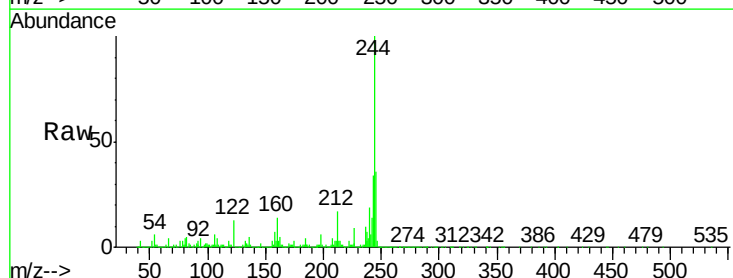
Instrument :
 BNA_G
 ClientSampleId :

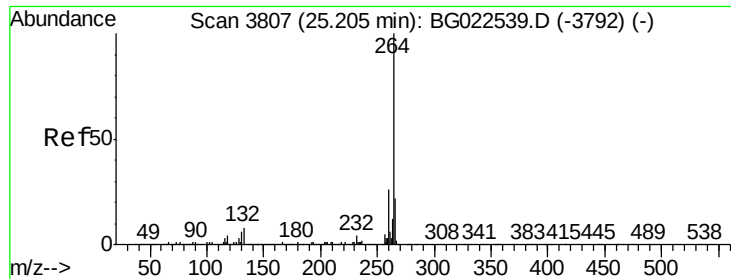
Tot Ion:240 Resp: 1256431
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.1 6.1
 236 27.7 21.1 31.7



#78
 Terphenyl-d14
 Concen: 70.31 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG022626.D
 Acq: 27 Jun 2016 2:04

Tgt Ion:244 Resp: 3334375
 Ion Ratio Lower Upper
 244 100
 212 16.5 10.8 16.2#
 122 12.6 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022626.D
Acq: 27 Jun 2016 2:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1298789

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.7	18.9	28.3

