

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022619.D
 Acq On : 26 Jun 2016 21:24
 Operator : UM/SJ
 Sample : H3741-06
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:13:53 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

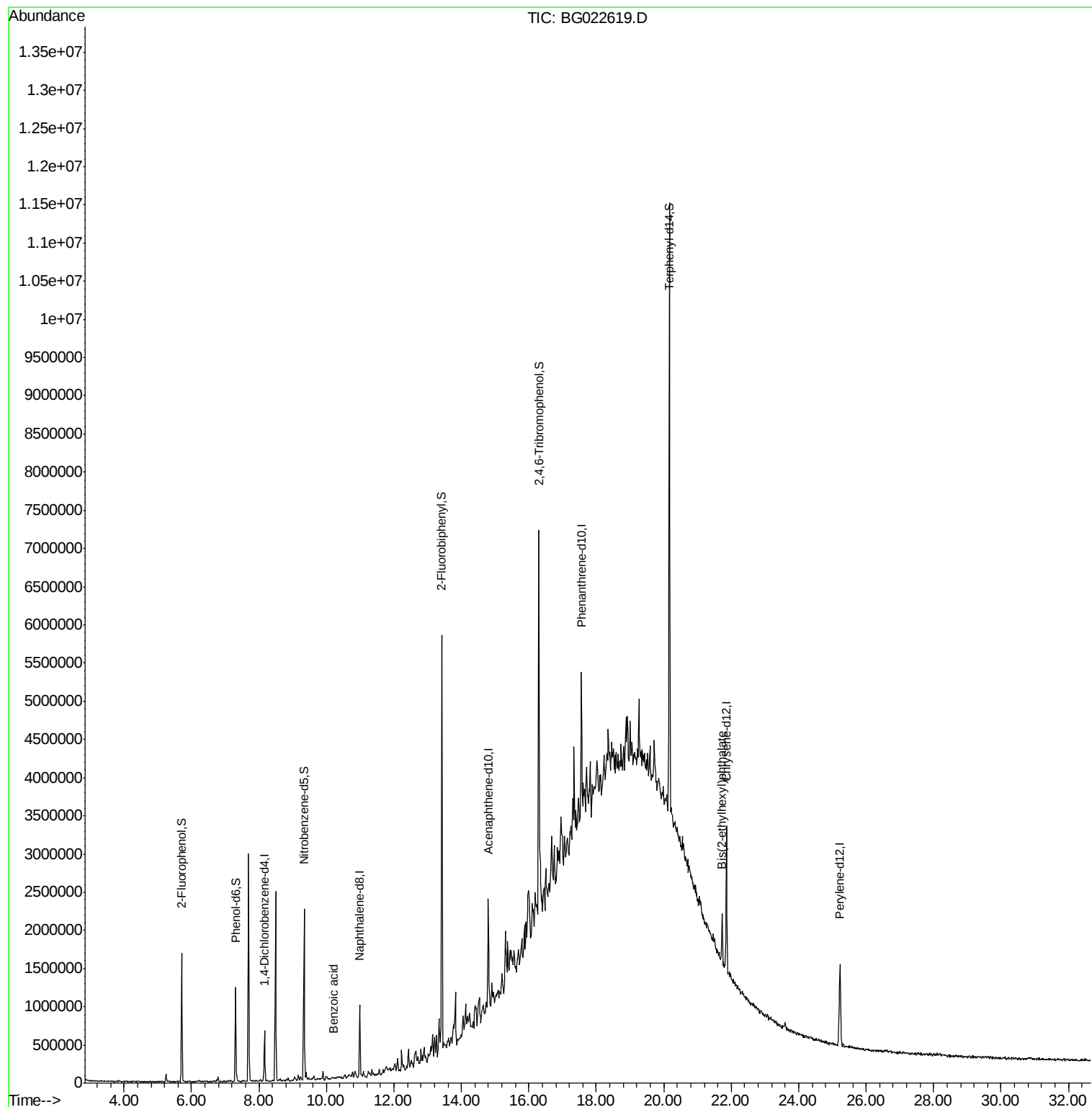
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	161250	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	704915	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	487976	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1086179	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1208602	20.00	ng	0.02
86) Perylene-d12	25.22	264	1278811	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	698230	69.45	ng	0.00
7) Phenol-d6	7.31	99	693592	48.95	ng	0.00
23) Nitrobenzene-d5	9.34	82	1465664	88.00	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	1005222	130.97	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	2529307	82.20	ng	0.00
78) Terphenyl-d14	20.16	244	2828342	62.00	ng	0.01
Target Compounds						
32) Benzoic acid	10.19	122	1079	5.23	ng	Qvalue # 37
83) Bis(2-ethylhexyl)phthalate	21.73	149	259619	6.62	ng	98

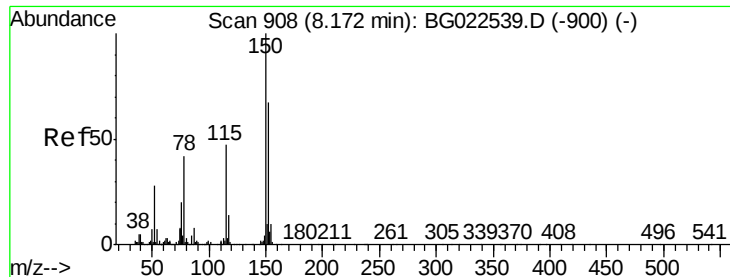
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022619.D

Acq: 26 Jun 2016 21:24

Instrument :

BNA_G

ClientSampleId :

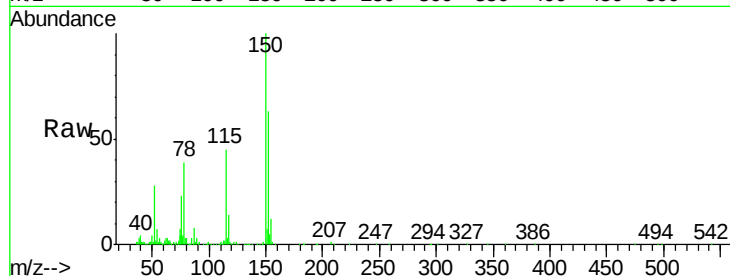
Tot Ion:152 Resp: 161250

Ion Ratio Lower Upper

152 100

150 159.5 144.7 217.1

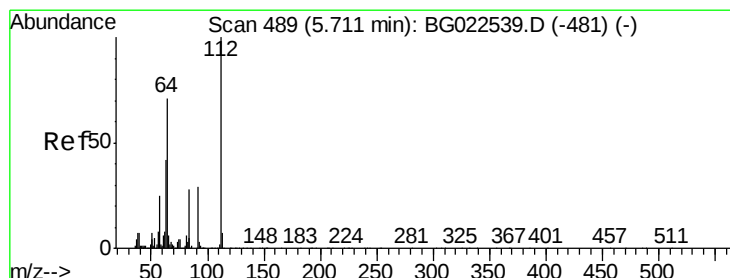
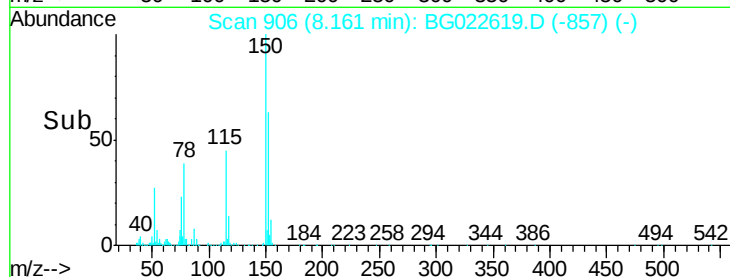
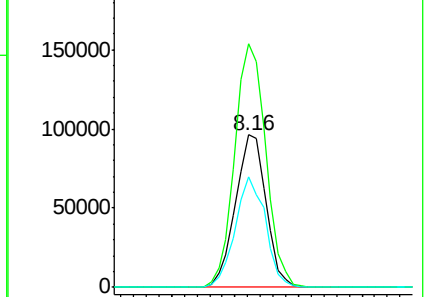
115 72.3 64.0 96.0



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: 69.45 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022619.D

Acq: 26 Jun 2016 21:24

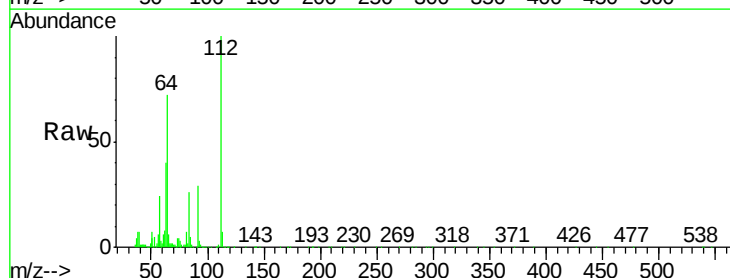
Tgt Ion:112 Resp: 698230

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

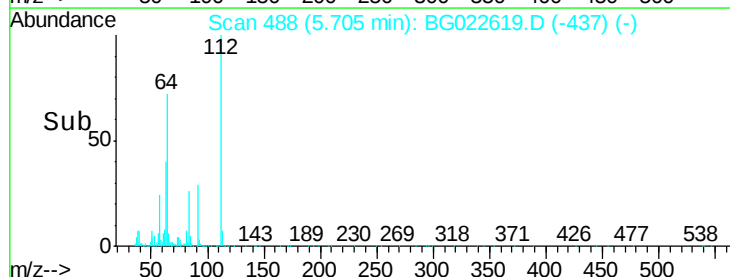
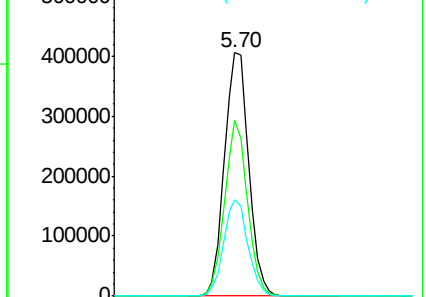
63 39.9 37.8 56.8



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: 48.95 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022619.D

Acq: 26 Jun 2016 21:24

Instrument :

BNA_G

ClientSampleId :

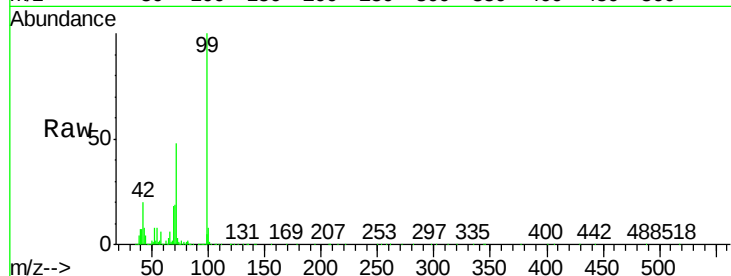
Tot Ion: 99 Resp: 693592

Ion Ratio Lower Upper

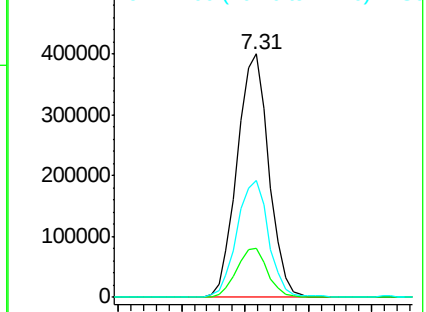
99 100

42 19.9 17.8 26.6

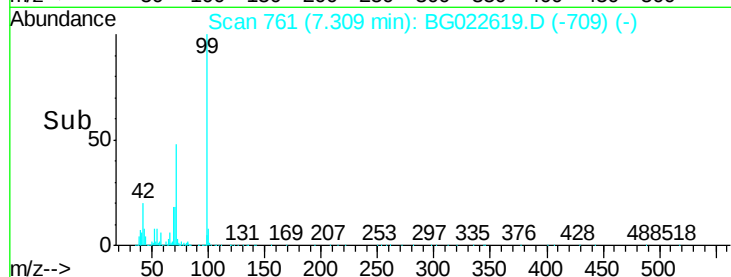
71 48.1 41.5 62.3



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



Time--> 7.20 7.25 7.30 7.35 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022619.D

Acq: 26 Jun 2016 21:24

Tgt Ion: 136 Resp: 704915

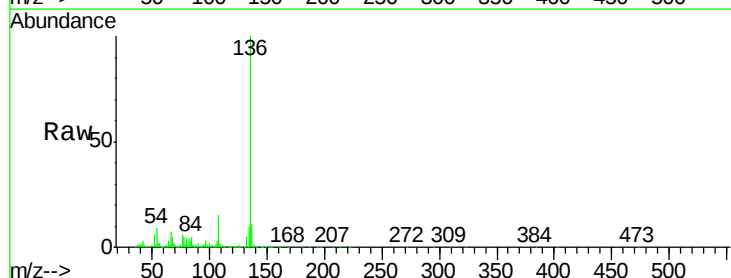
Ion Ratio Lower Upper

136 100

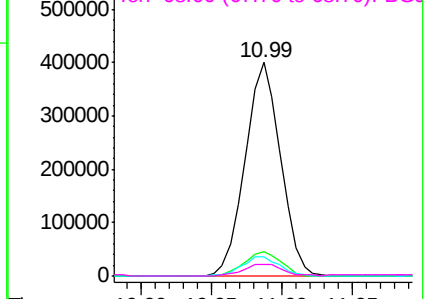
137 11.3 9.6 14.4

54 8.8 7.3 10.9

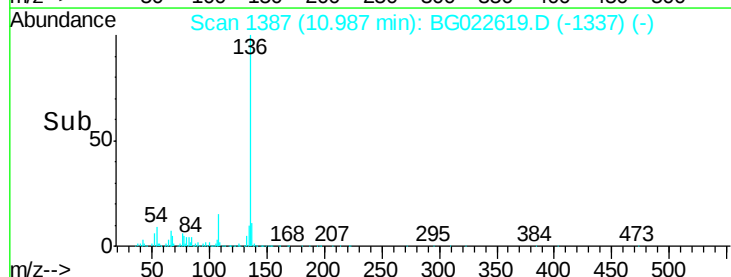
68 5.5 5.3 7.9



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



Time--> 10.90 10.95 11.00 11.05

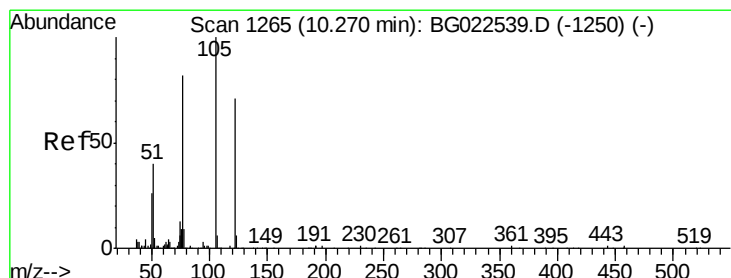
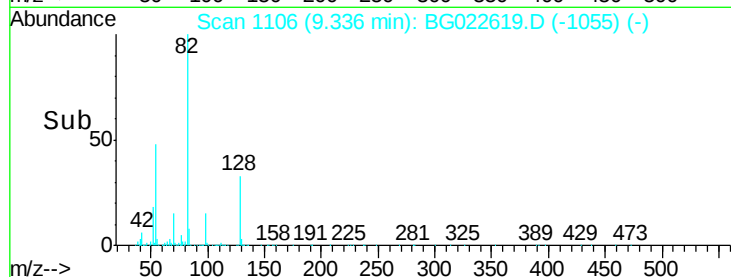
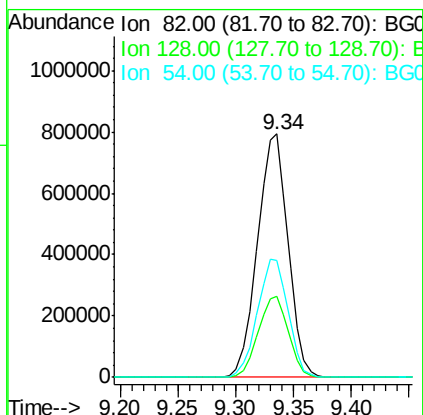
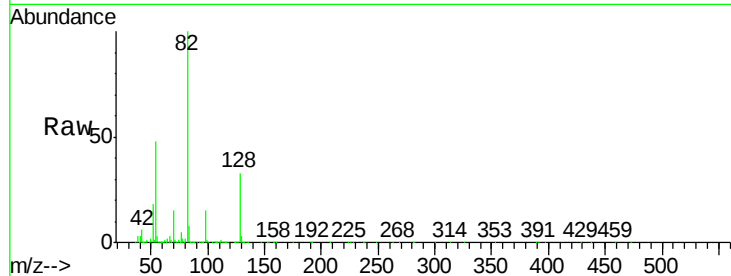




#23
 Nitrobenzene-d5
 Concen: 88.00 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022619.D
 Acq: 26 Jun 2016 21:24

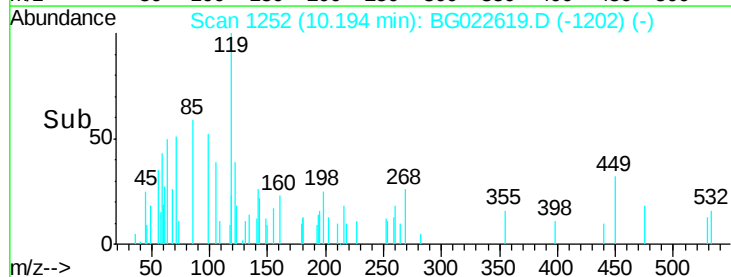
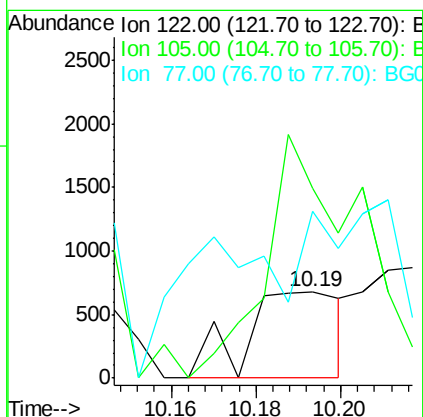
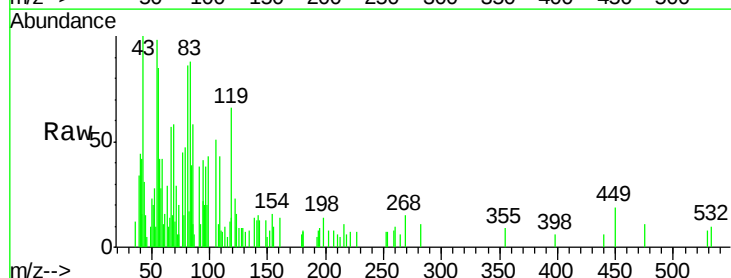
Instrument :
 BNA_G
 ClientSampleId :

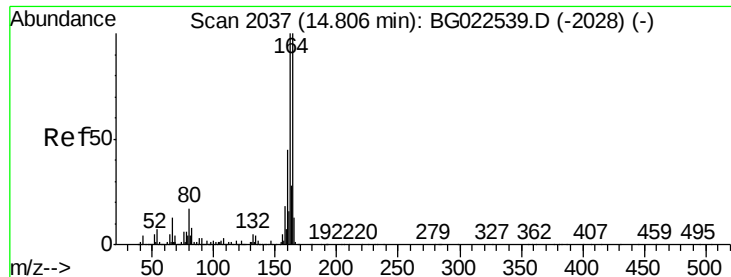
Tot Ion: 82 Resp: 1465664
 Ion Ratio Lower Upper
 82 100
 128 33.2 24.4 36.6
 54 48.2 41.4 62.0



#32
 Benzoic acid
 Concen: 5.23 ng
 RT: 10.19 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BG022619.D
 Acq: 26 Jun 2016 21:24

Tgt Ion: 122 Resp: 1079
 Ion Ratio Lower Upper
 122 100
 105 220.2 117.2 157.2#
 77 194.1 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022619.D

Acq: 26 Jun 2016 21:24

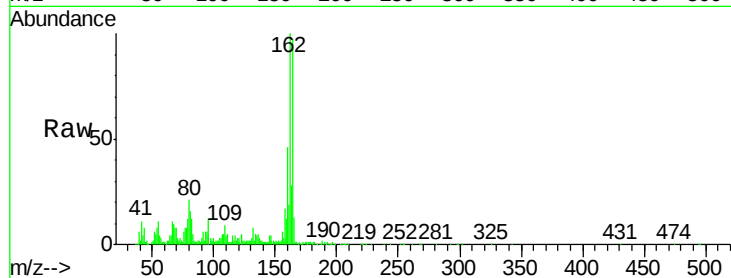
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 487976

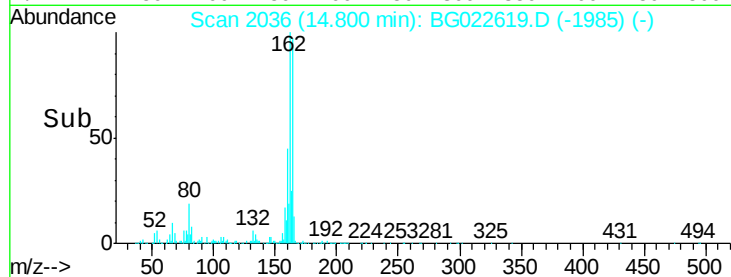
Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.7	131.5
160	47.3	37.2	55.8



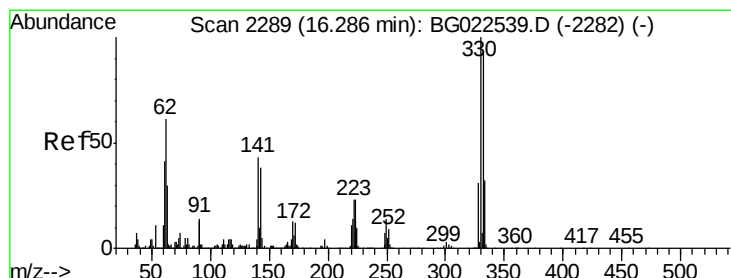
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 130.97 ng

RT: 16.30 min Scan# 2291

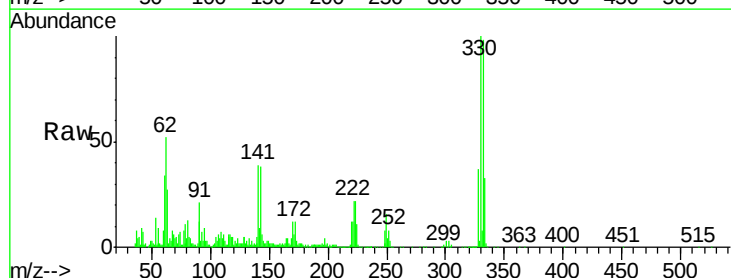
Delta R.T. 0.01 min

Lab File: BG022619.D

Acq: 26 Jun 2016 21:24

Tgt Ion:330 Resp: 1005222

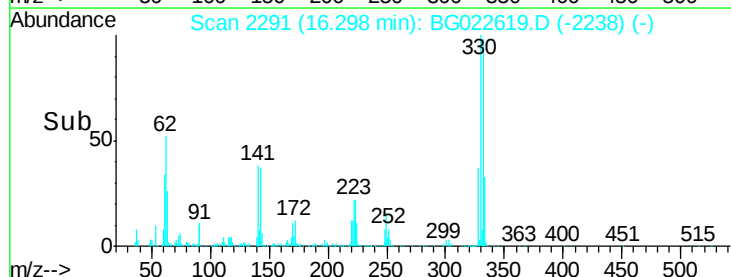
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	38.9	31.7	47.5



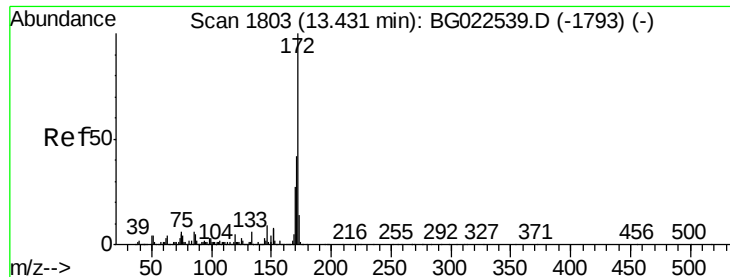
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



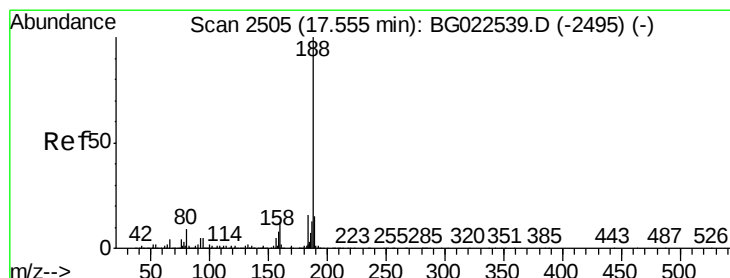
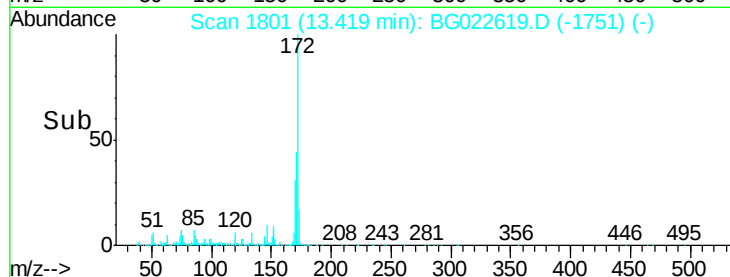
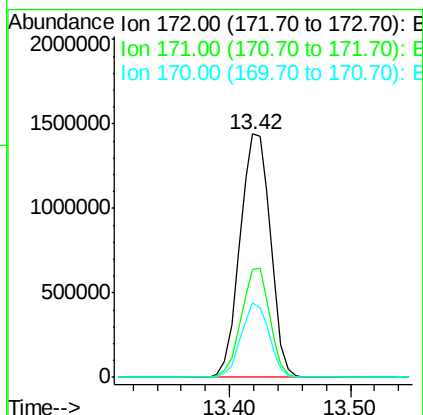
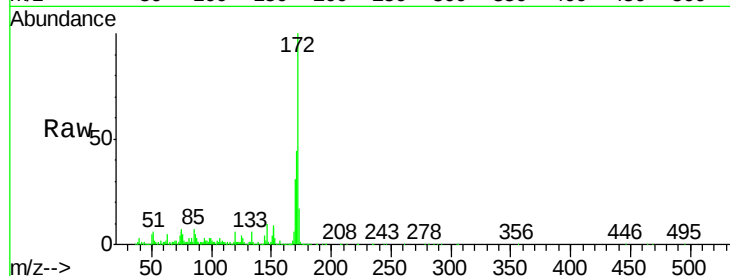
Time-->



#44
2-Fluorobiphenyl
Concen: 82.20 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022619.D
Acq: 26 Jun 2016 21:24

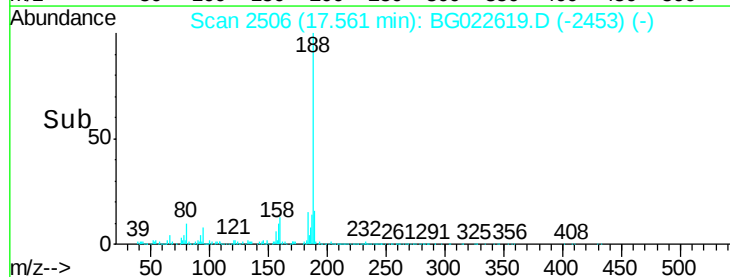
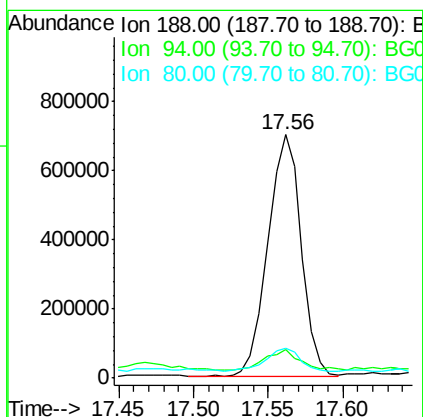
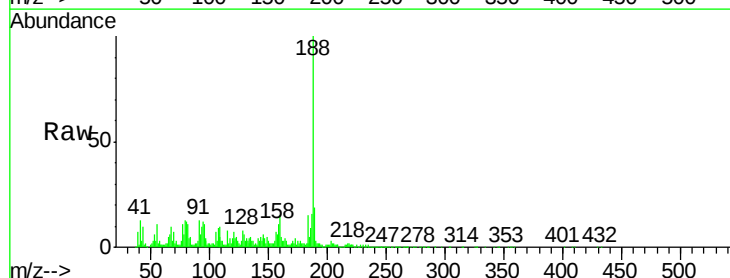
Instrument :
BNA_G
ClientSampleId :

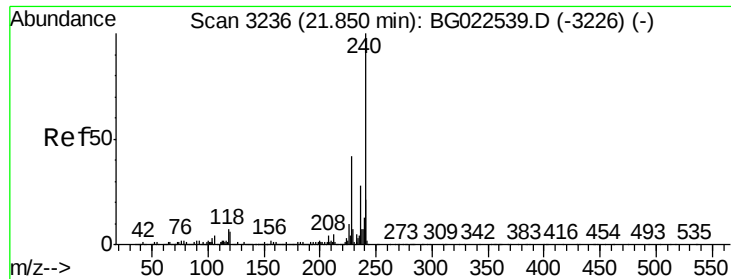
Tot Ion:172 Resp: 2529307
Ion Ratio Lower Upper
172 100
171 44.4 31.6 47.4
170 30.8 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022619.D
Acq: 26 Jun 2016 21:24

Tgt Ion:188 Resp: 1086179
Ion Ratio Lower Upper
188 100
94 12.0 5.2 7.8#
80 12.5 7.2 10.8#

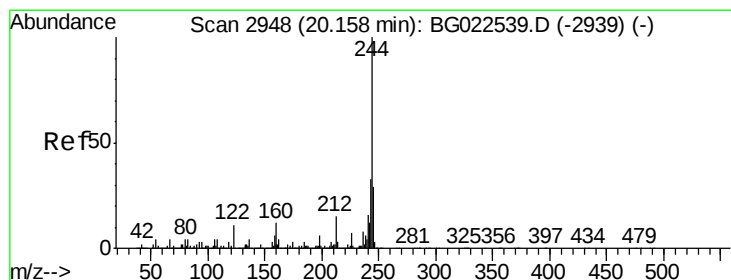
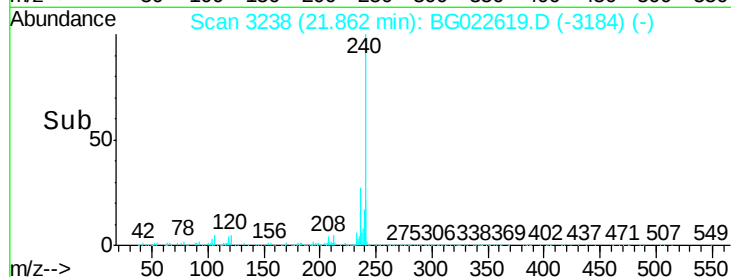
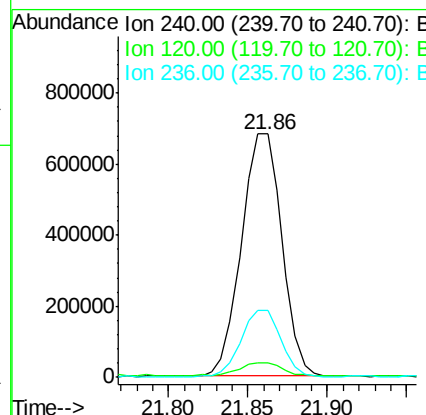
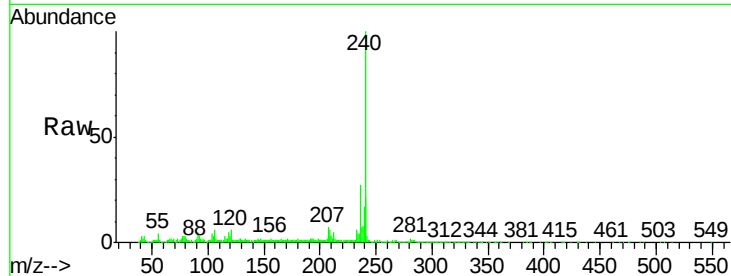




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG022619.D
 Acq: 26 Jun 2016 21:24

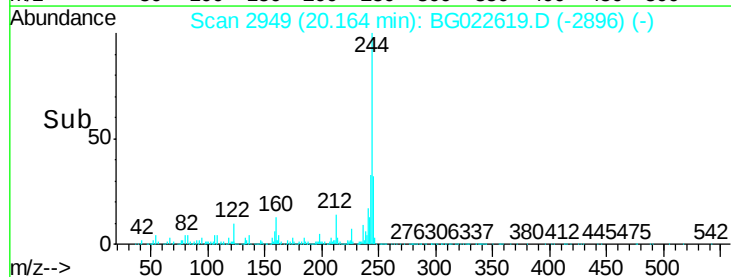
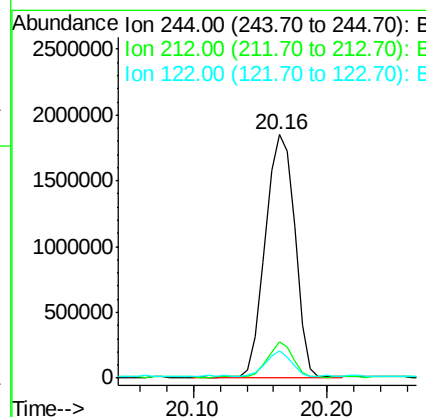
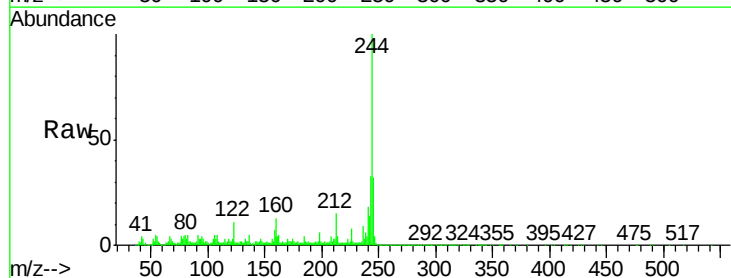
Instrument :
 BNA_G
 ClientSampleId :

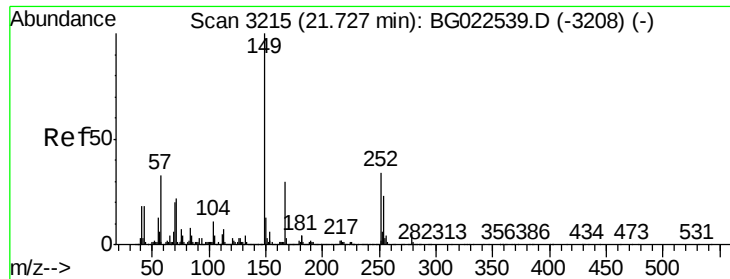
Tot Ion:240 Resp: 1208602
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.1 6.1
 236 27.3 21.1 31.7



#78
 Terphenyl-d14
 Concen: 62.00 ng
 RT: 20.16 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: BG022619.D
 Acq: 26 Jun 2016 21:24

Tgt Ion:244 Resp: 2828342
 Ion Ratio Lower Upper
 244 100
 212 14.9 10.8 16.2
 122 11.2 8.0 12.0

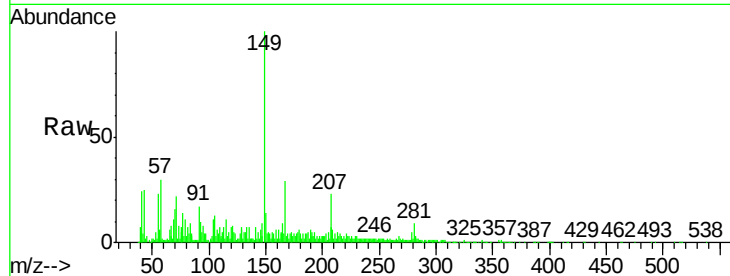




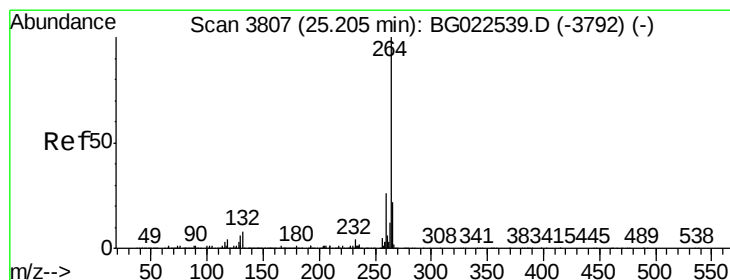
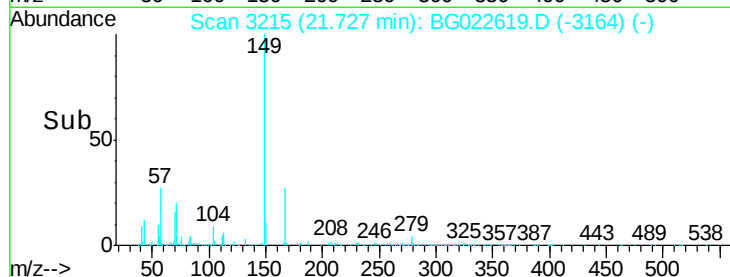
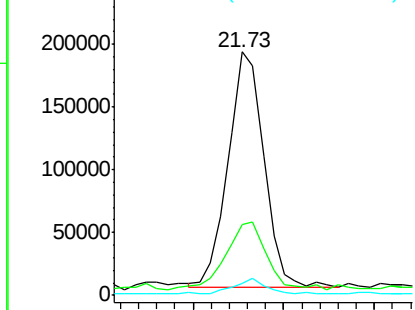
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.62 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG022619.D
 Acq: 26 Jun 2016 21:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.0	36.0
279	5.2	4.8	7.2

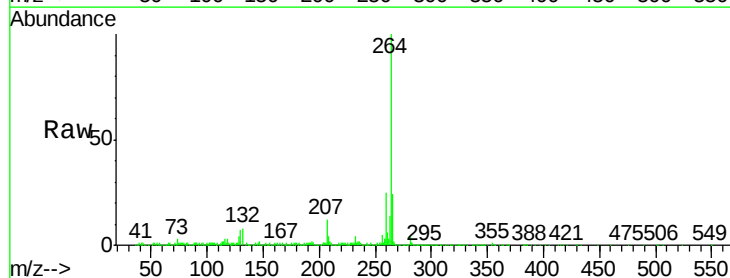


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3810
 Delta R.T. 0.02 min
 Lab File: BG022619.D
 Acq: 26 Jun 2016 21:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	23.8	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

