

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022648.D
 Acq On : 27 Jun 2016 18:21
 Operator : UM/SJ
 Sample : PB91595BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BL

Quant Time: Jun 28 01:08:02 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

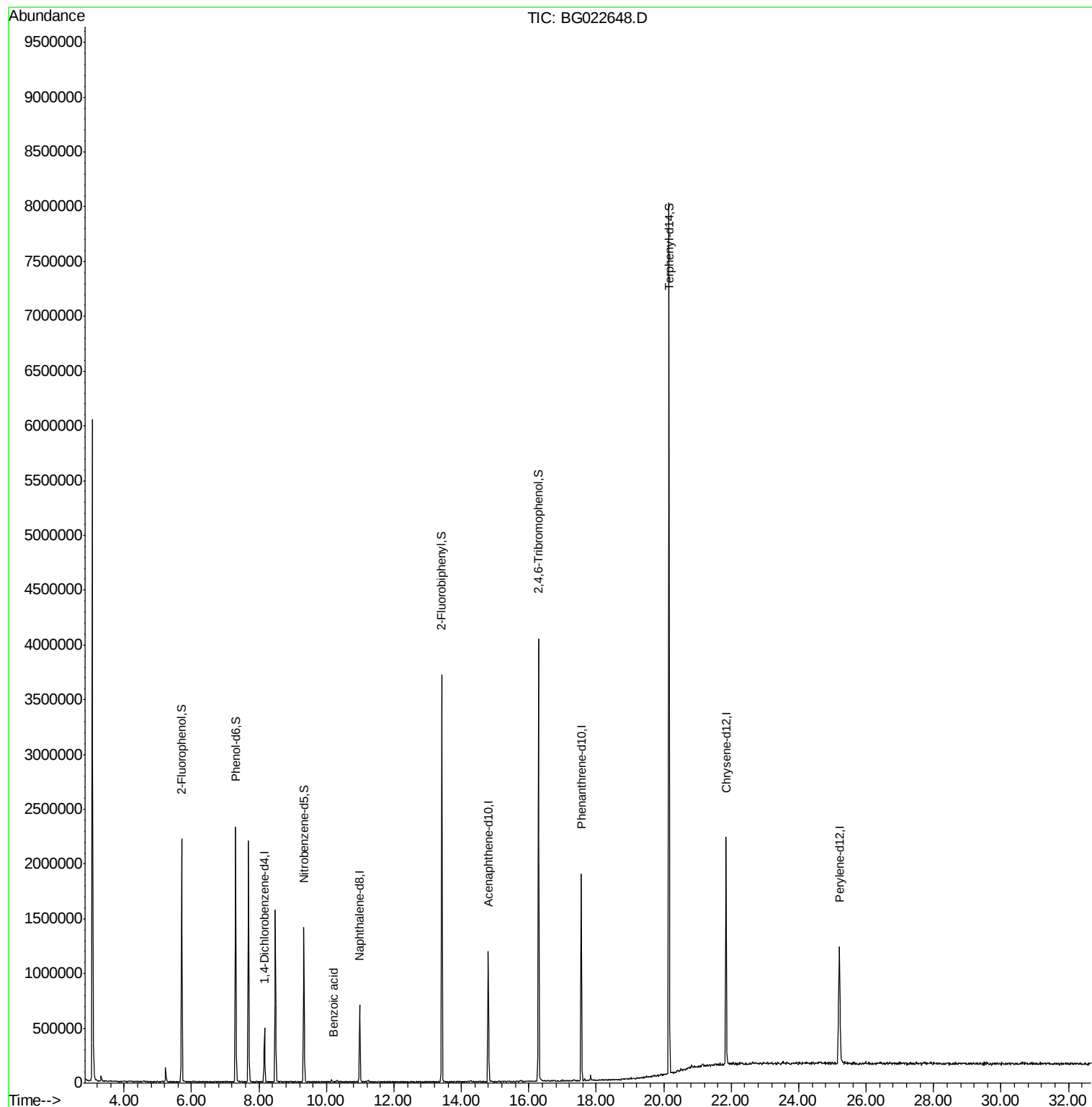
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	124295	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	549320	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	415492	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1117347	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1296489	20.00	ng	0.00
86) Perylene-d12	25.21	264	1303889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	886696	114.42	ng	0.00
7) Phenol-d6	7.31	99	1297668	118.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	886817	68.33	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	742314	113.59	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1811539	69.14	ng	0.00
78) Terphenyl-d14	20.16	244	2991567	61.13	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	65	5.12	ng	Qvalue # 1

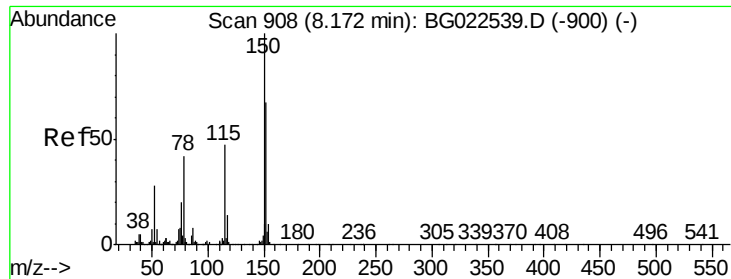
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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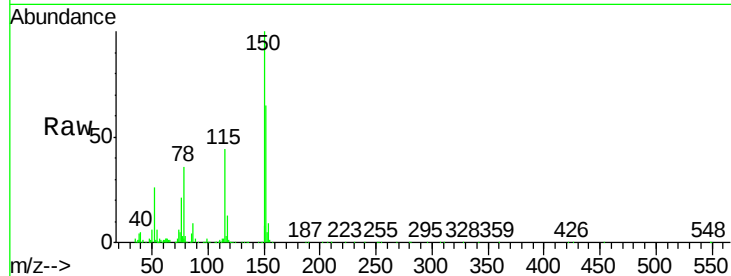


#1

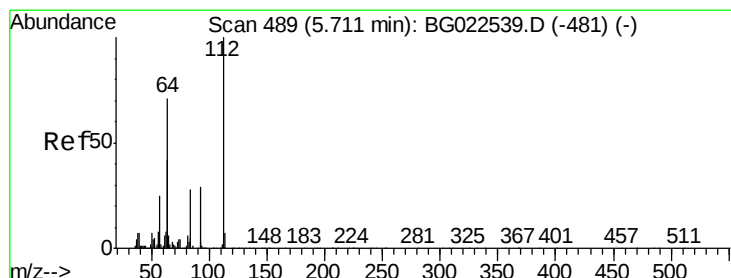
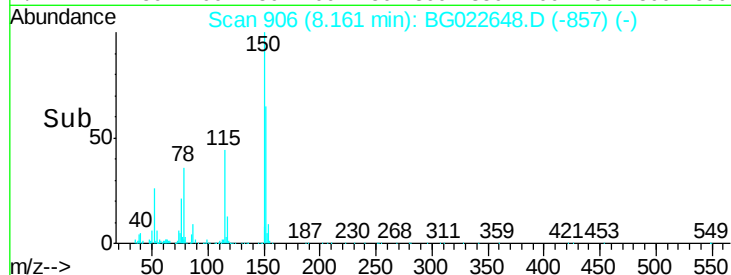
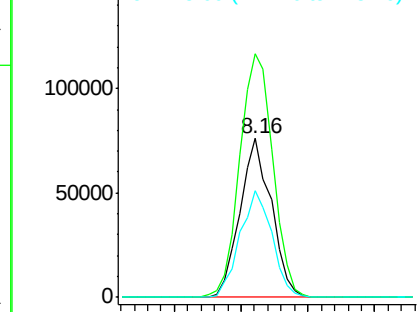
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_G
ClientSampleId :
PB91595BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	144.7	217.1
115	67.5	64.0	96.0



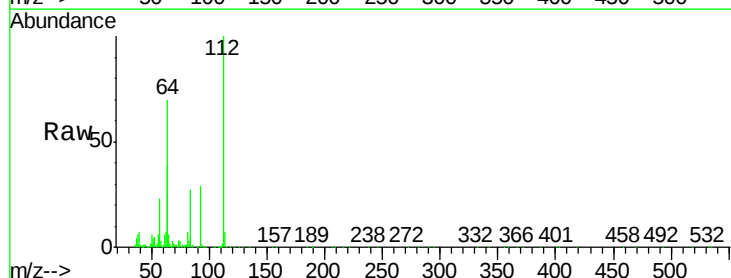
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



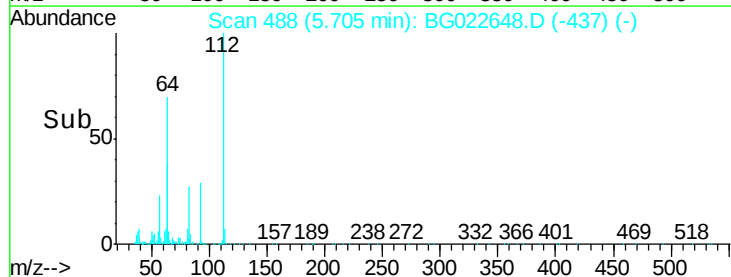
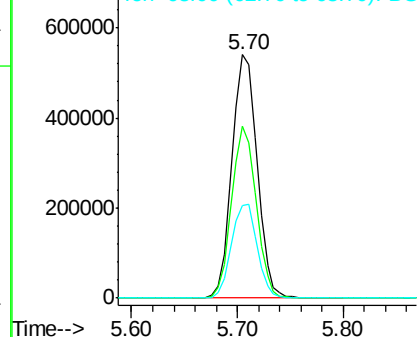
#5

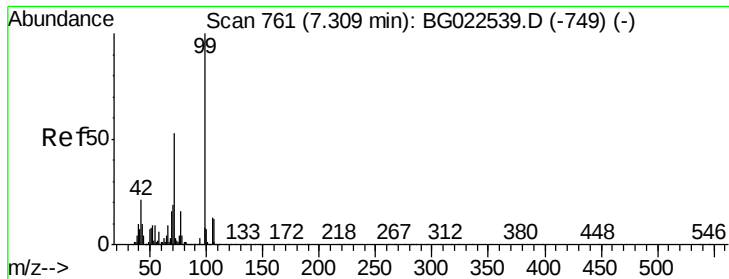
2-Fluorophenol
Concen: 114.42 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	59.0	88.4
63	37.9	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: 118.80 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022648.D

Acq: 27 Jun 2016 18:21

Instrument :

BNA_G

ClientSampleId :

PB91595BL

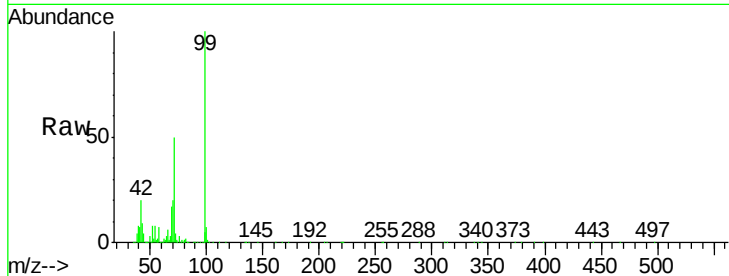
Tgt Ion: 99 Resp: 1297668

Ion Ratio Lower Upper

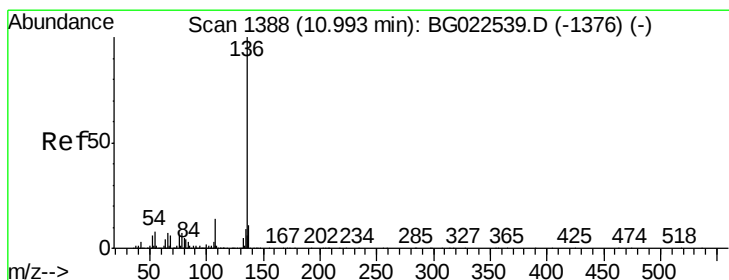
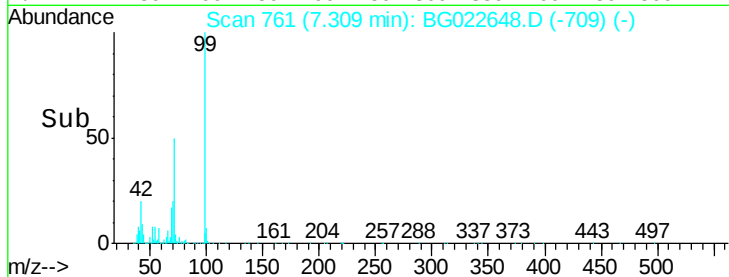
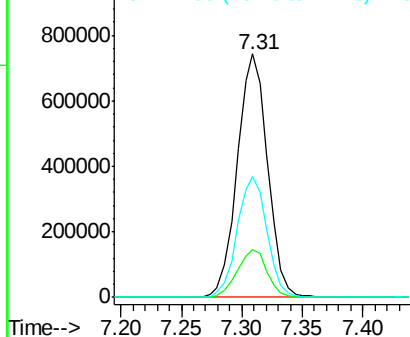
99 100

42 19.9 17.8 26.6

71 49.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022648.D

Acq: 27 Jun 2016 18:21

Tgt Ion: 136 Resp: 549320

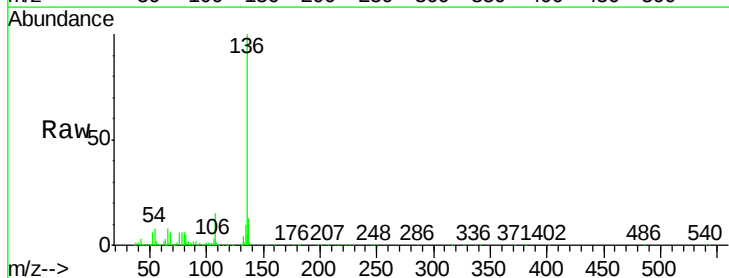
Ion Ratio Lower Upper

136 100

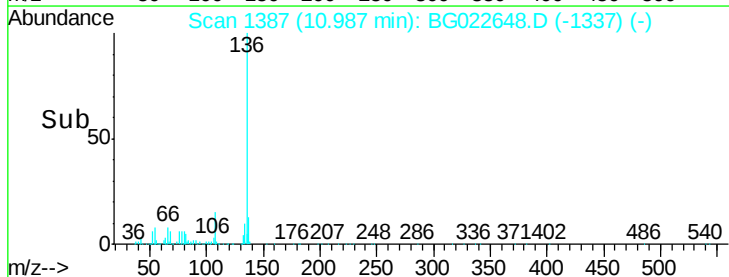
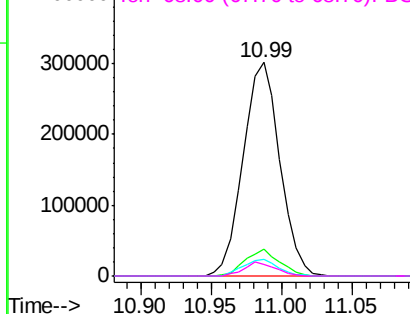
137 12.5 9.6 14.4

54 7.9 7.3 10.9

68 5.6 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

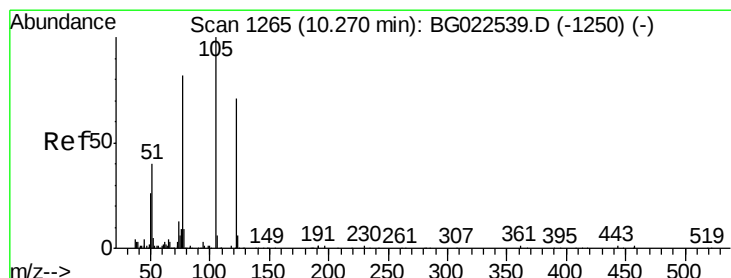
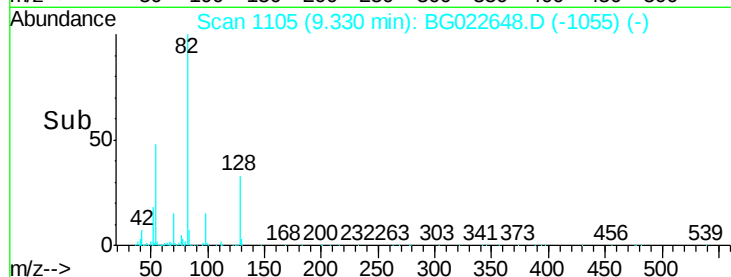
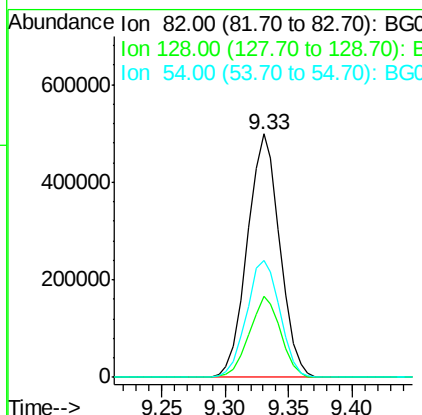
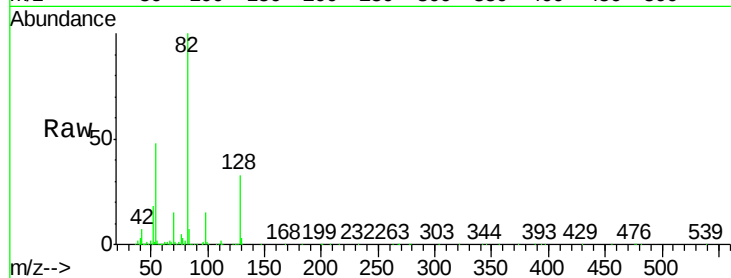




#23
 Nitrobenzene-d5
 Concen: 68.33 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022648.D
 Acq: 27 Jun 2016 18:21

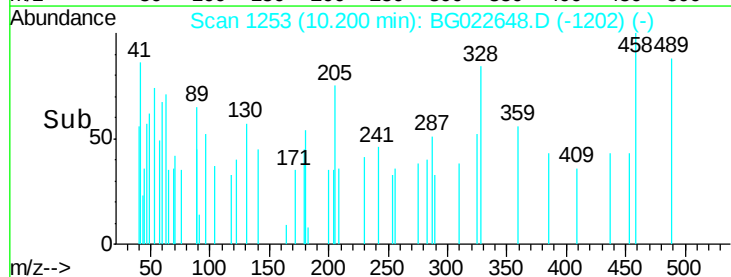
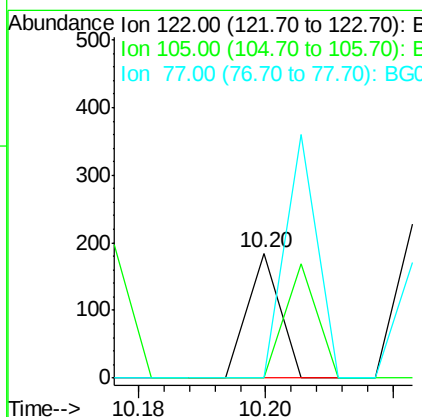
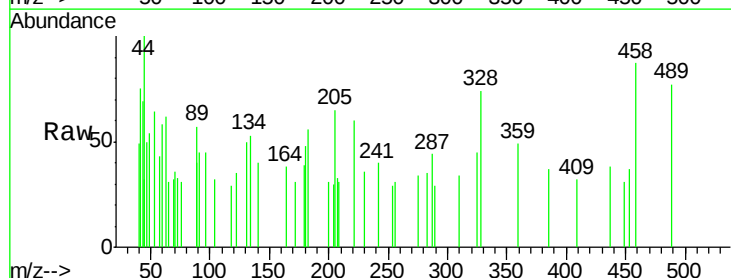
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BL

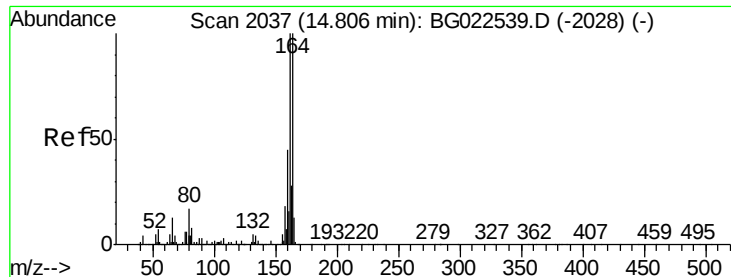
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	48.1	41.4	62.0



#32
 Benzoic acid
 Concen: 5.12 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG022648.D
 Acq: 27 Jun 2016 18:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022648.D

Acq: 27 Jun 2016 18:21

Instrument :

BNA_G

ClientSampleId :

PB91595BL

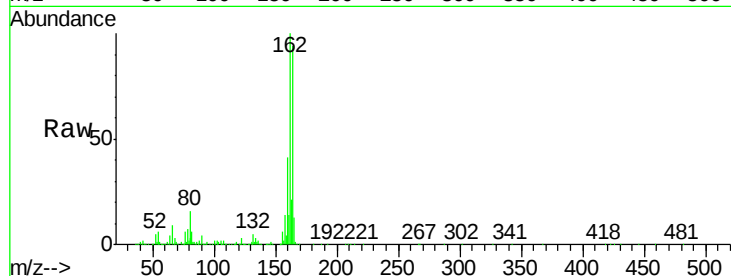
Tgt Ion:164 Resp: 415492

Ion Ratio Lower Upper

164 100

162 106.0 87.7 131.5

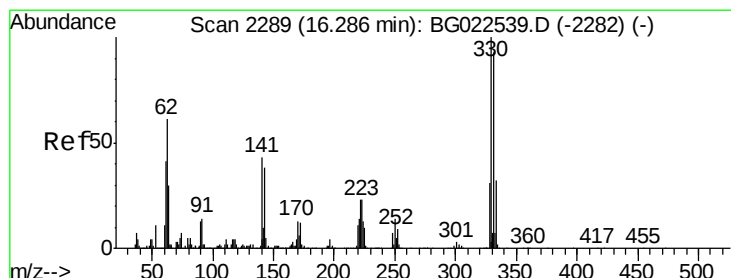
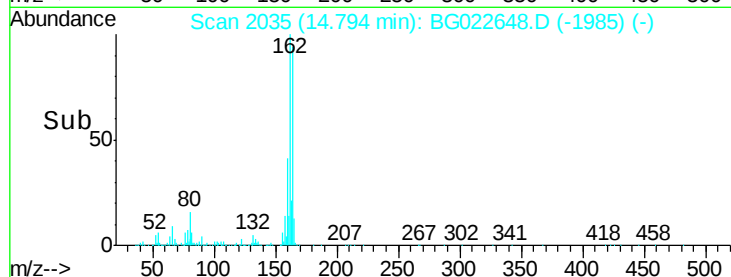
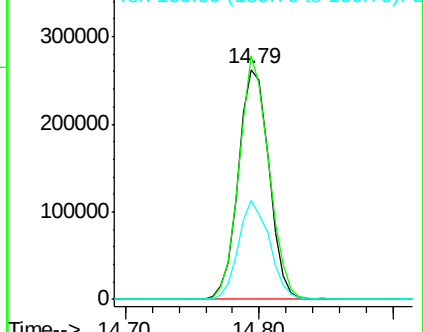
160 43.3 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 113.59 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022648.D

Acq: 27 Jun 2016 18:21

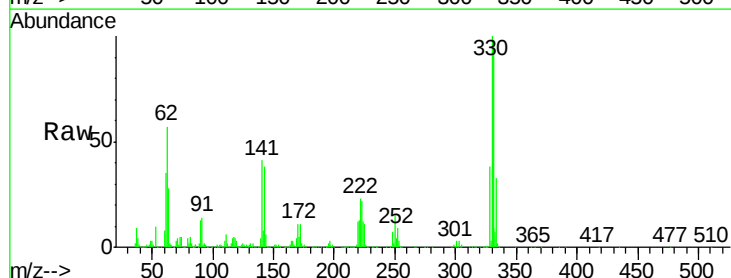
Tgt Ion:330 Resp: 742314

Ion Ratio Lower Upper

330 100

332 99.2 77.4 116.2

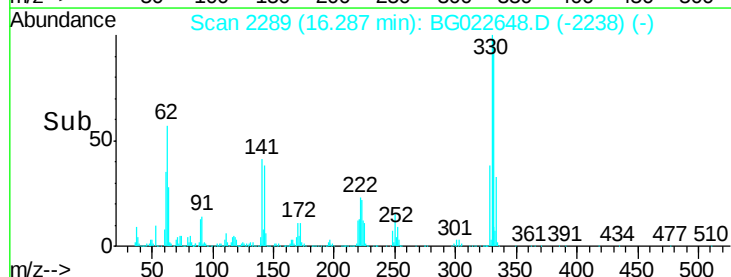
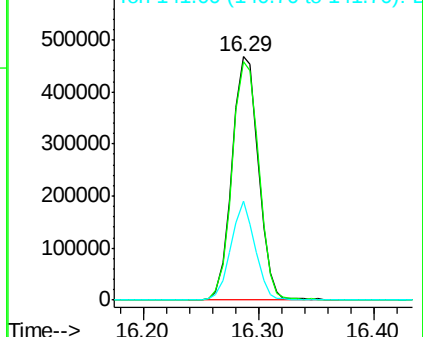
141 37.0 31.7 47.5

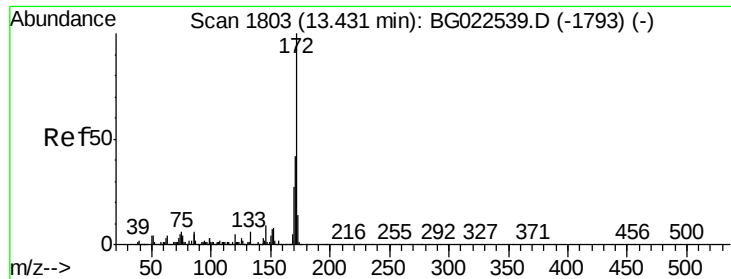


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

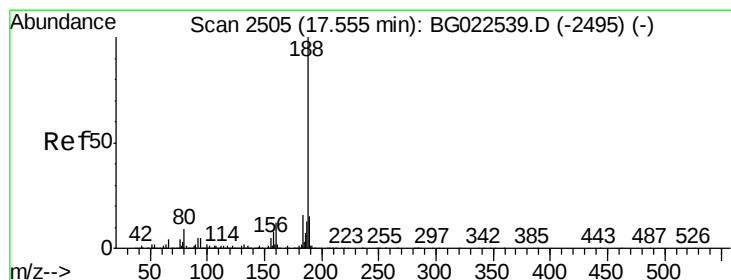
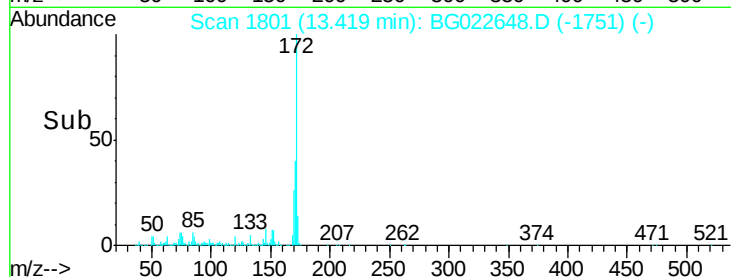
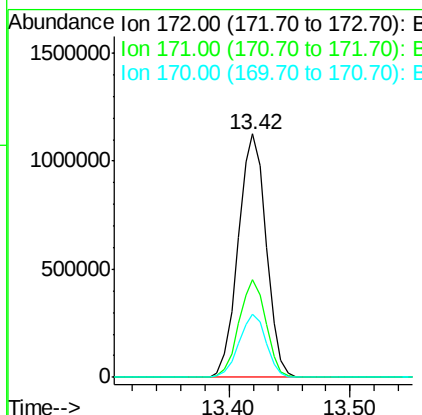
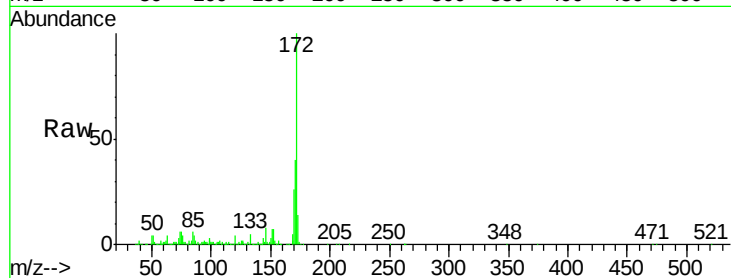




#44
2-Fluorobiphenyl
Concen: 69.14 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

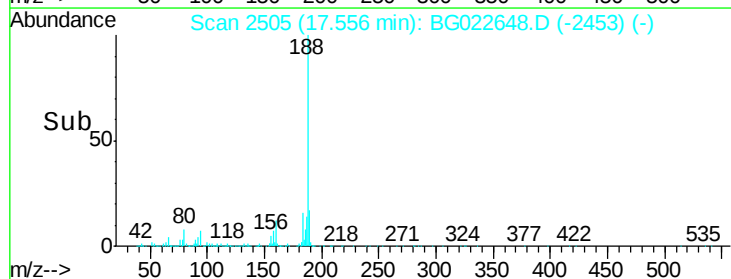
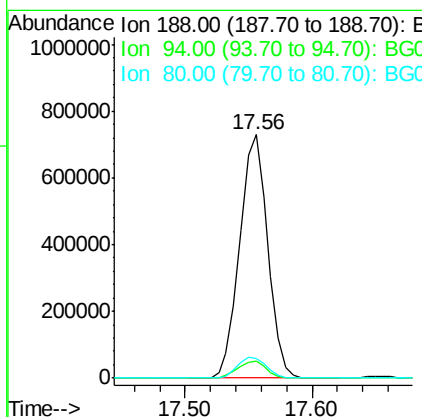
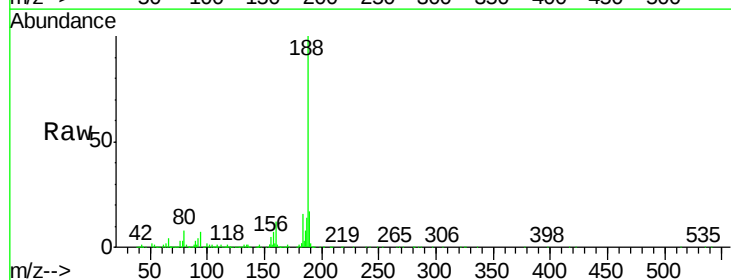
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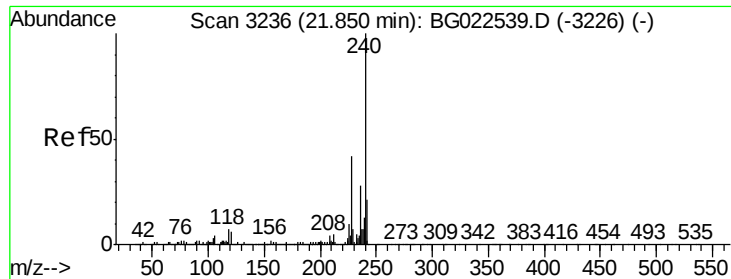
Tgt Ion:172 Resp: 1811539
Ion Ratio Lower Upper
172 100
171 39.9 31.6 47.4
170 25.9 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

Tgt Ion:188 Resp: 1117347
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 8.2 7.2 10.8

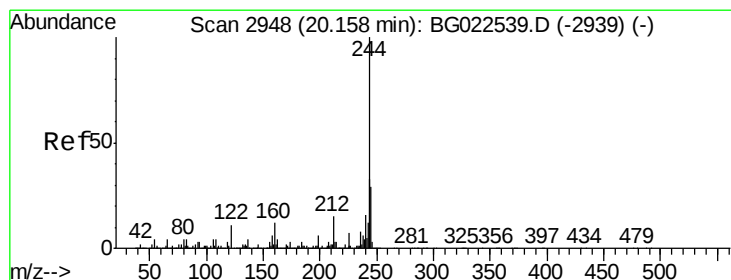
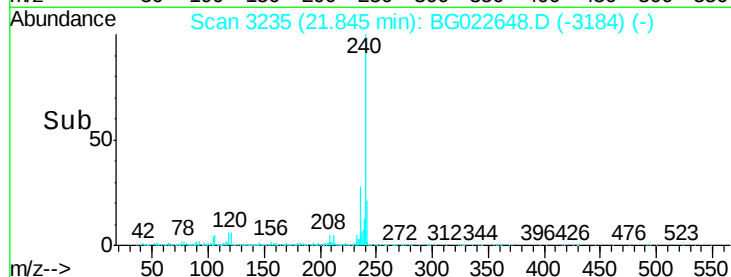
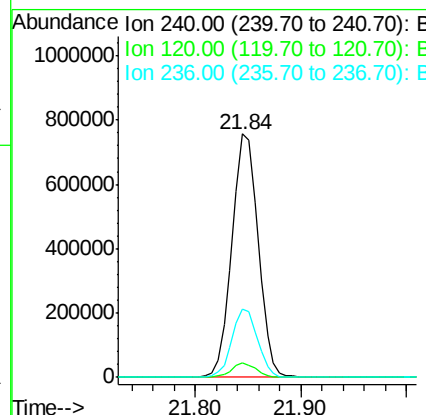
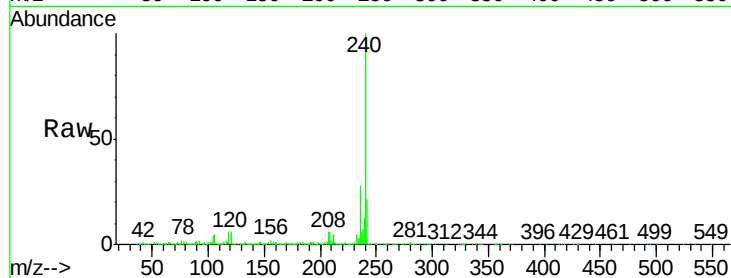




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

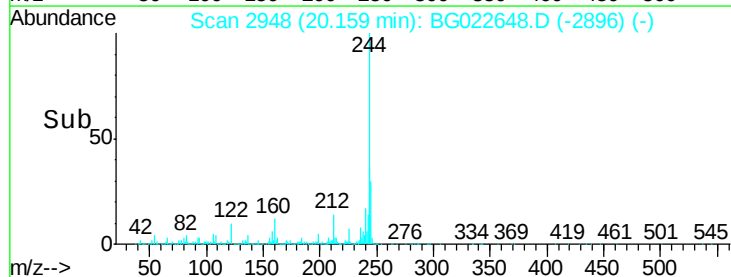
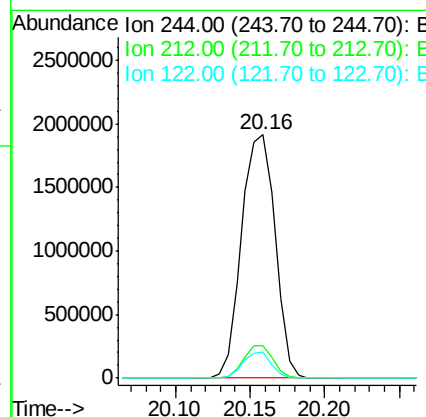
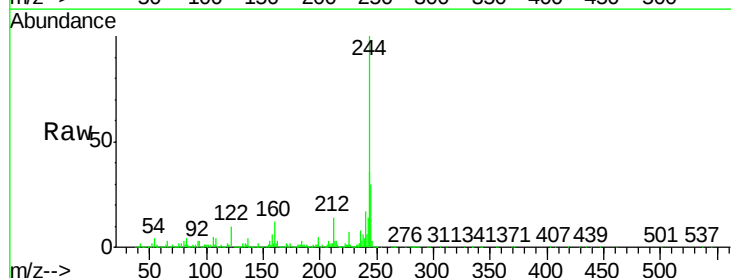
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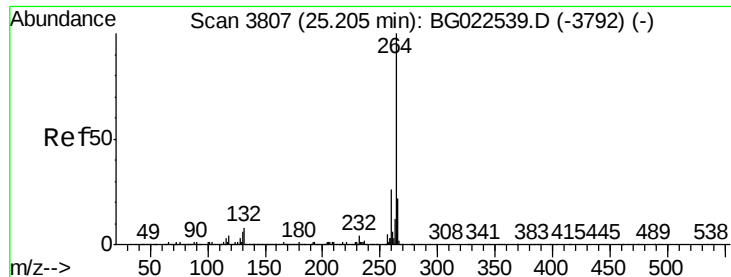
Tgt Ion:240 Resp: 1296489
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 28.0 21.1 31.7



#78
Terphenyl-d14
Concen: 61.13 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

Tgt Ion:244 Resp: 2991567
Ion Ratio Lower Upper
244 100
212 13.5 10.8 16.2
122 10.5 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_G
ClientSampleId :
PB91595BL

Tgt Ion: 264 Resp: 1303889

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.8	18.9	28.3

