

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 01:27:11 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

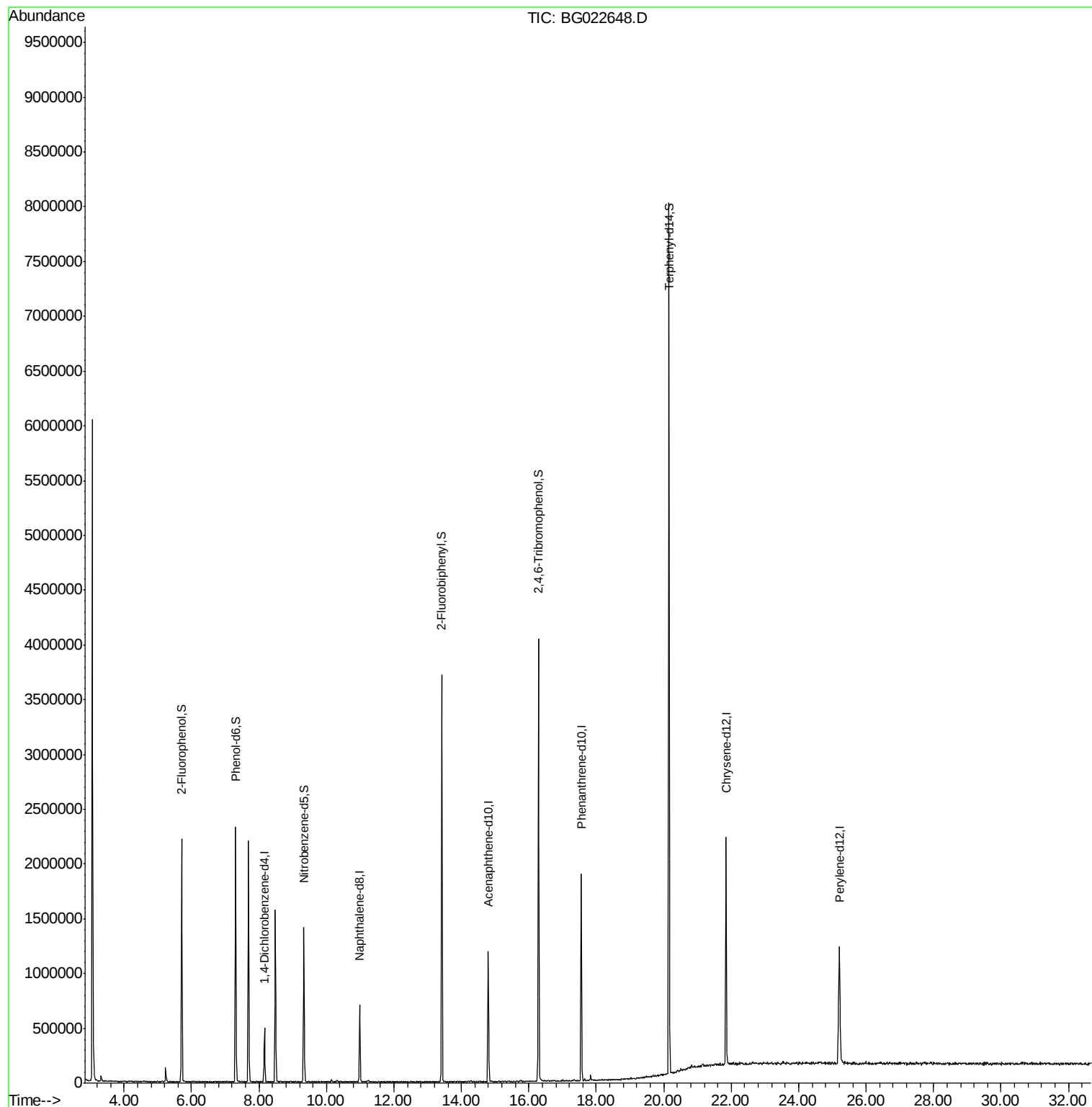
Target Compounds Qvalue

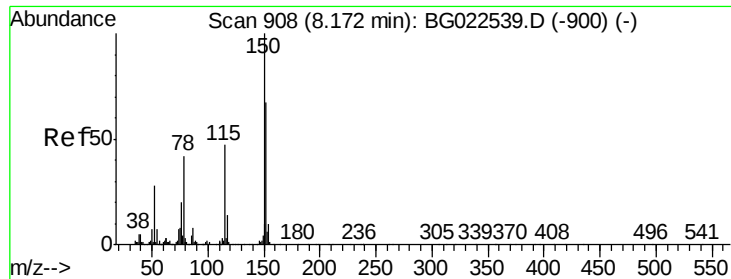
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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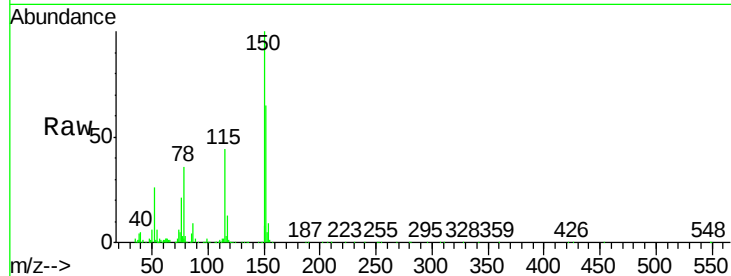


#1

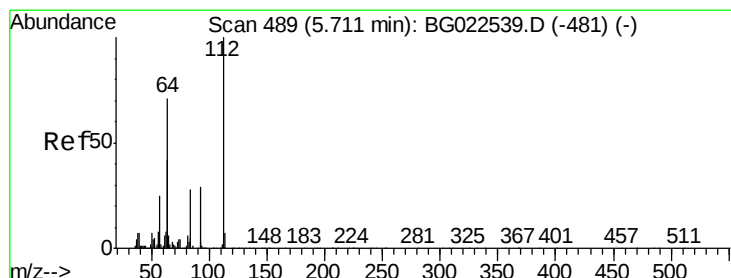
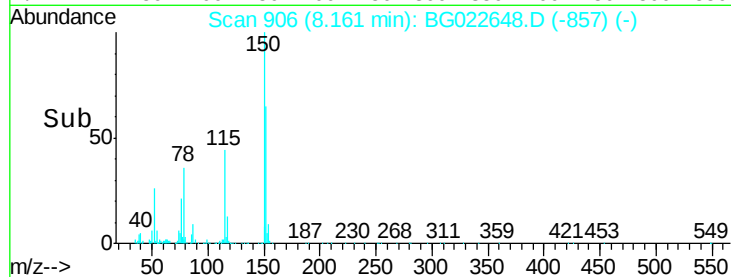
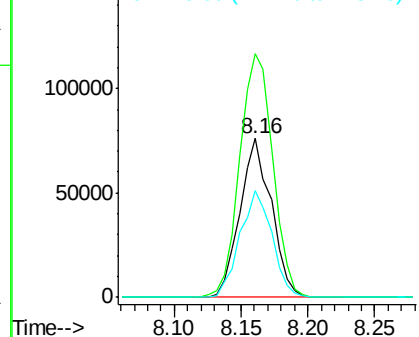
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_G
ClientSampleId :
PB91595BL

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



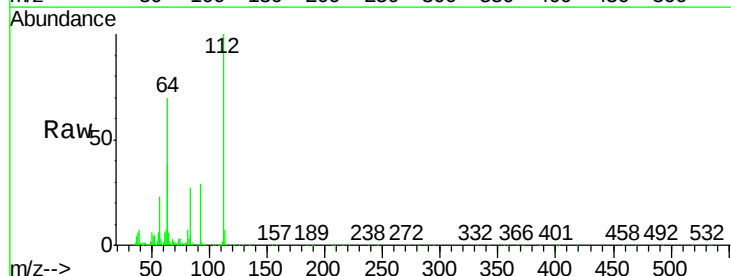
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



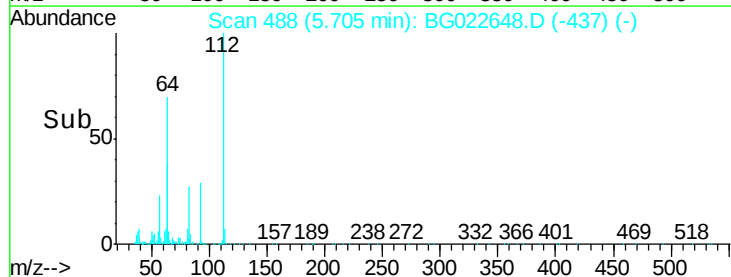
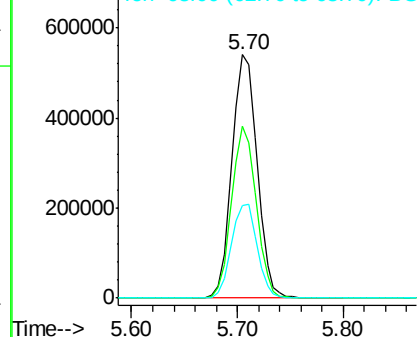
#5

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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

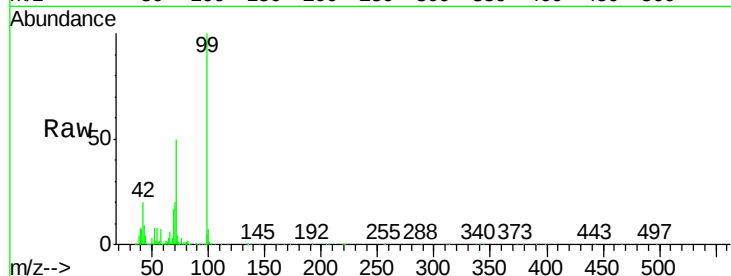
Tot Ion: 99 Resp: 1297668

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	49.6	41.5	62.3

99 100

42 19.9 17.8 26.6

71 49.6 41.5 62.3

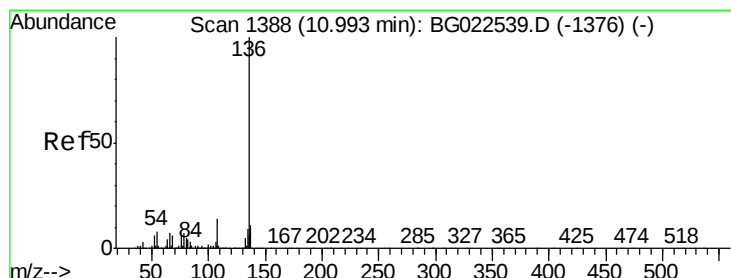
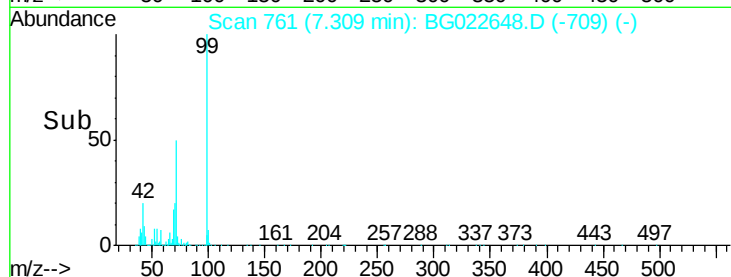
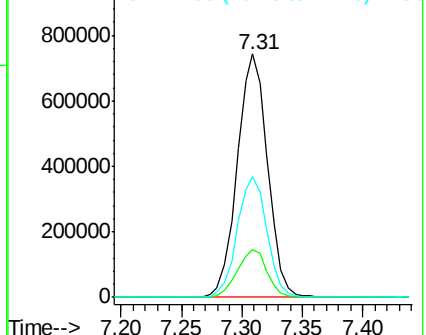


Abundance

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

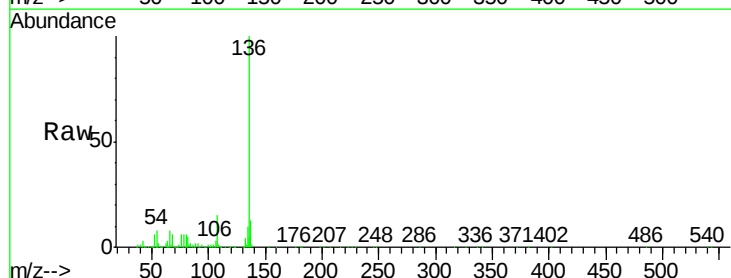
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	7.9	7.3	10.9
68	5.6	5.3	7.9

136 100

137 12.5 9.6 14.4

54 7.9 7.3 10.9

68 5.6 5.3 7.9



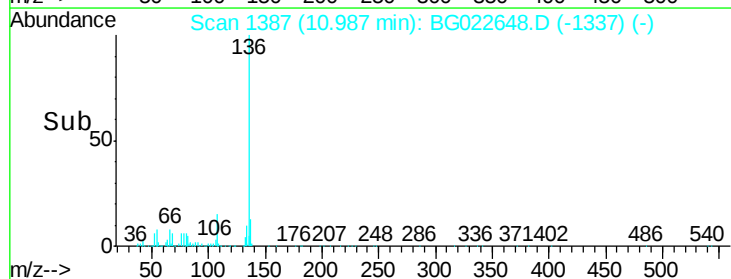
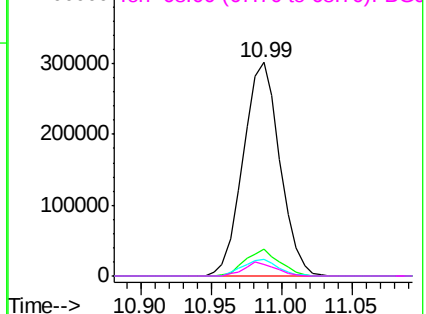
Abundance

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

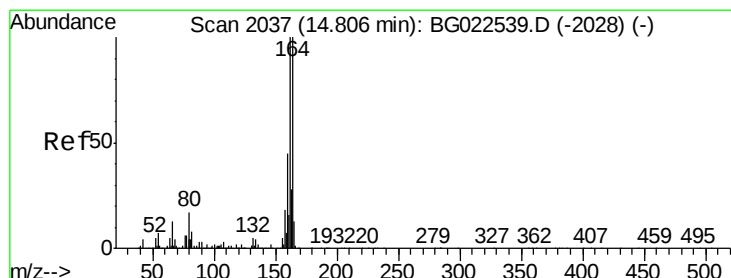
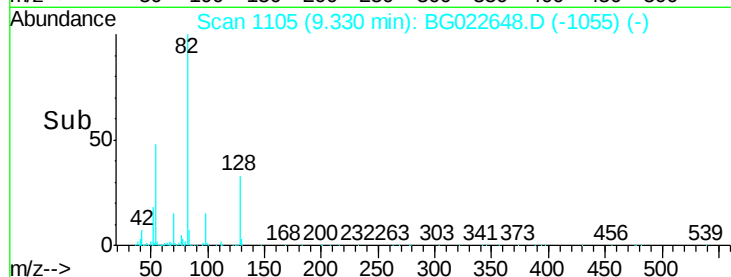
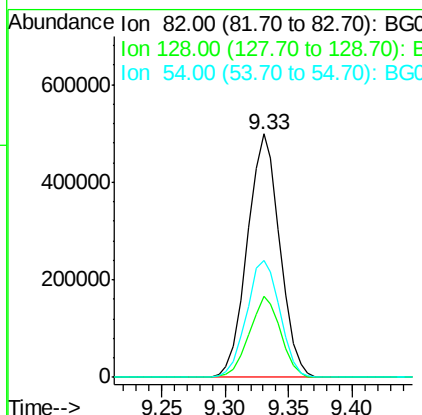
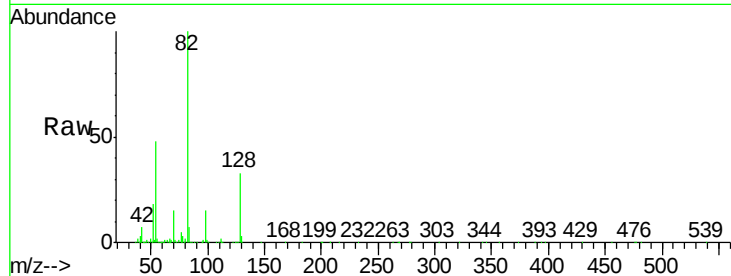




#23
 Nitrobenzene-d5
 Concen: 68.33 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022648.D
 Acq: 27 Jun 2016 18:21

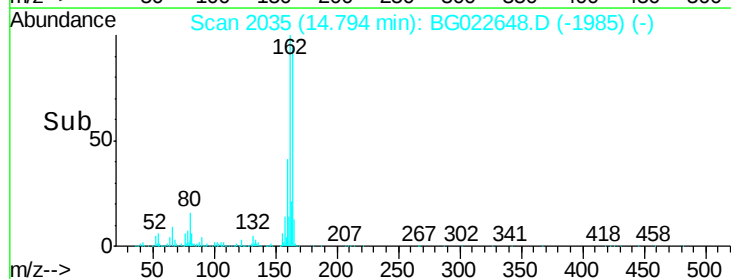
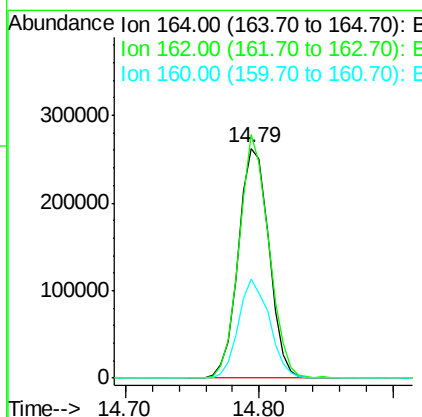
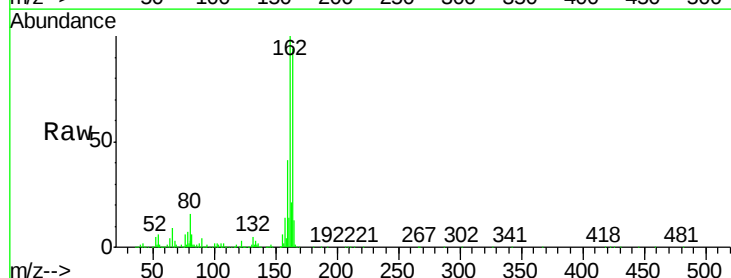
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BL

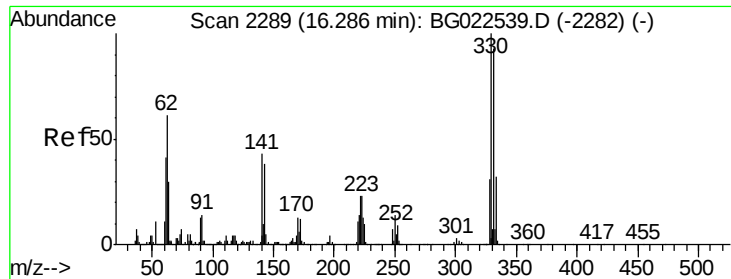
Tot Ion	82	Resp	886817
Ion Ratio	Lower	Upper	
82	100		
128	33.3	24.4	36.6
54	48.1	41.4	62.0



#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

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

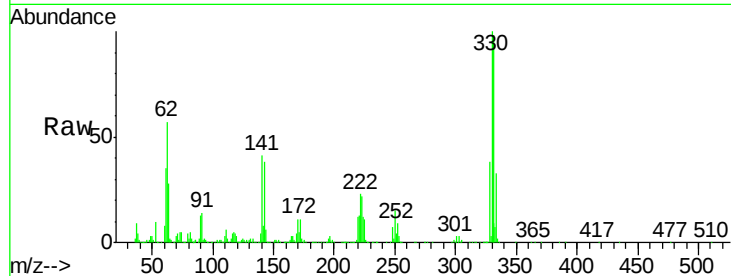




#41
 2,4,6-Tribromophenol
 Concen: 113.59 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022648.D
 Acq: 27 Jun 2016 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.4	116.2
141	37.0	31.7	47.5

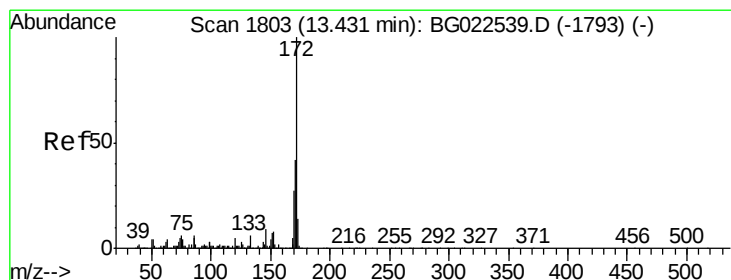
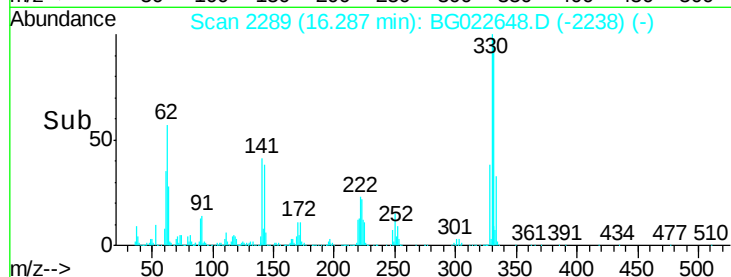
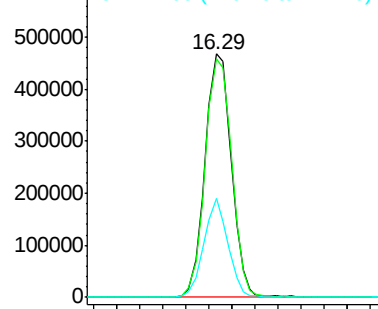


Abundance

Ion 329.80 (329.50 to 330.50): E

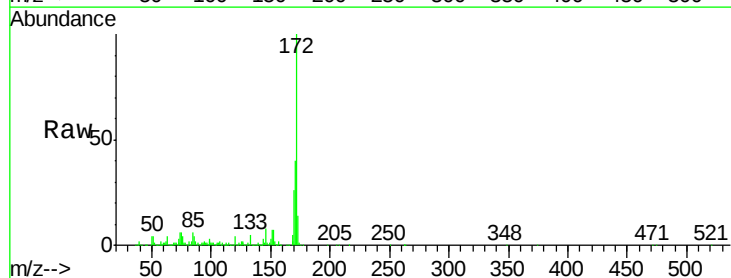
Ion 331.80 (331.50 to 332.50): E

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

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

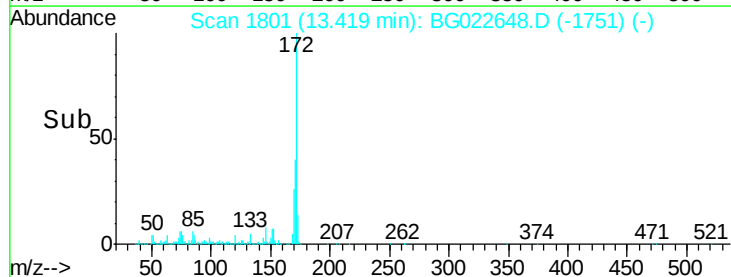
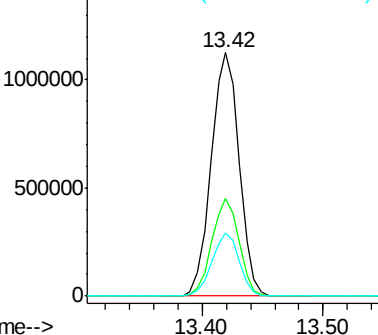


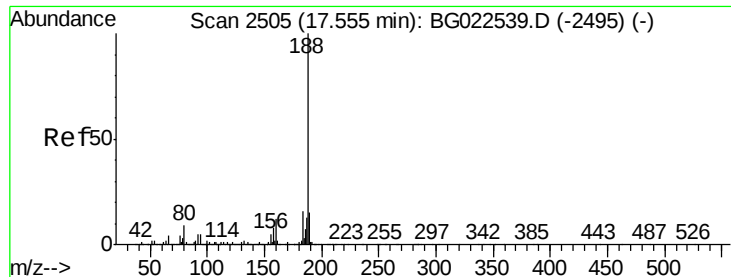
Abundance

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

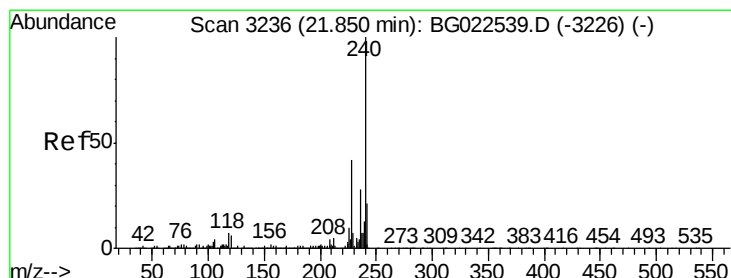
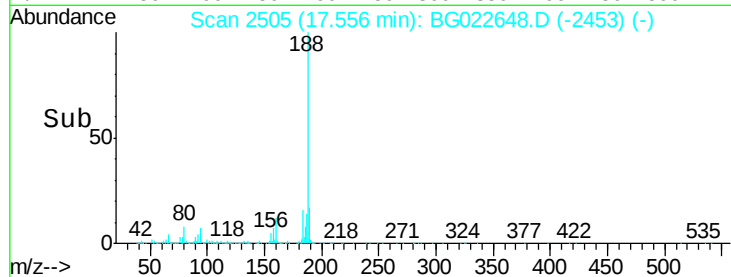
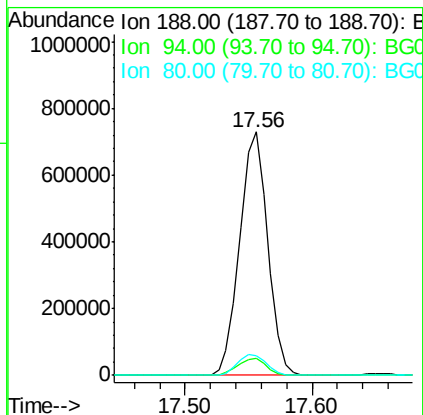
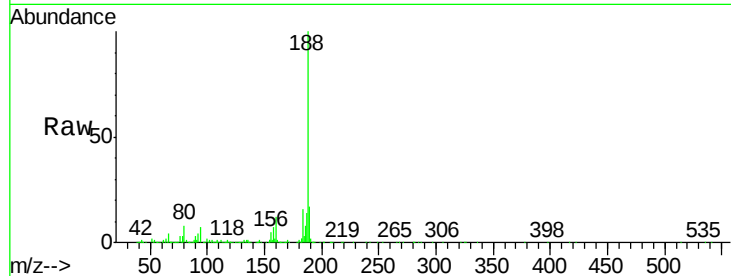




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022648.D
Acq: 27 Jun 2016 18:21

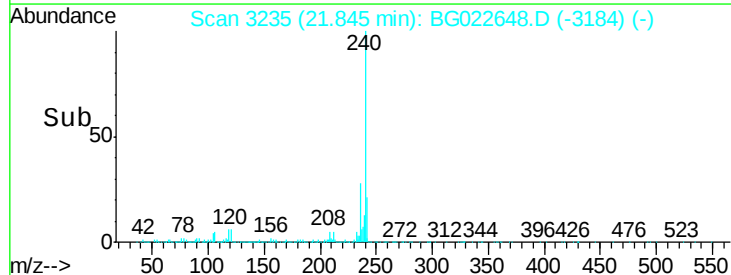
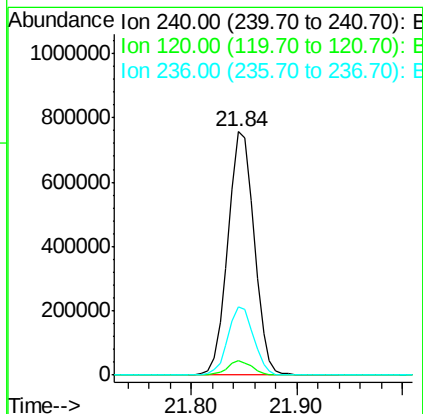
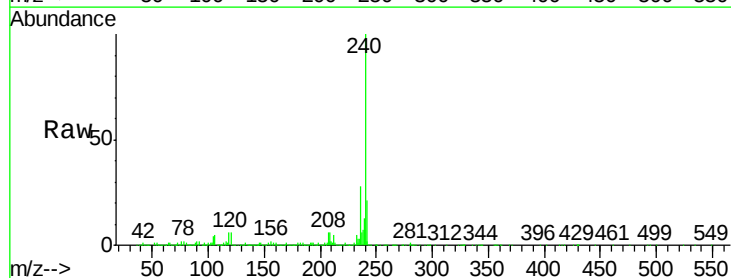
Instrument :
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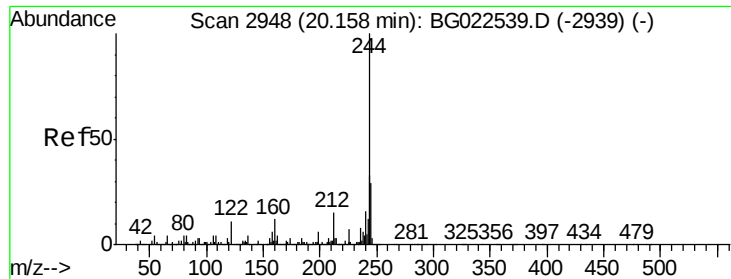
Tot Ion:188 Resp: 1117347
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 8.2 7.2 10.8



#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

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

Instrument :

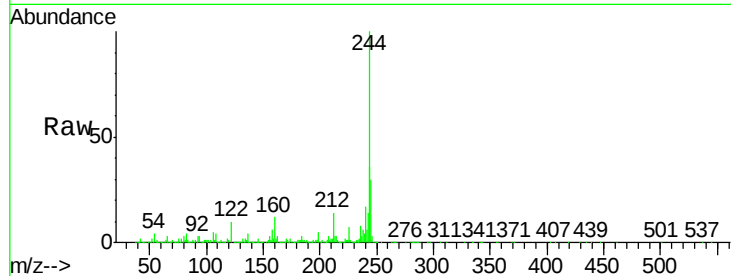
BNA_G

ClientSampleId :

PB91595BL

Tot Ion:244 Resp: 2991567

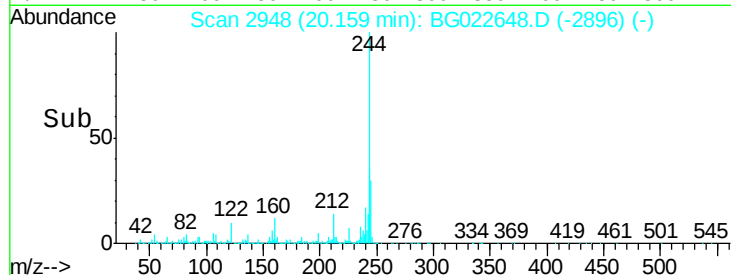
Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	10.5	8.0	12.0



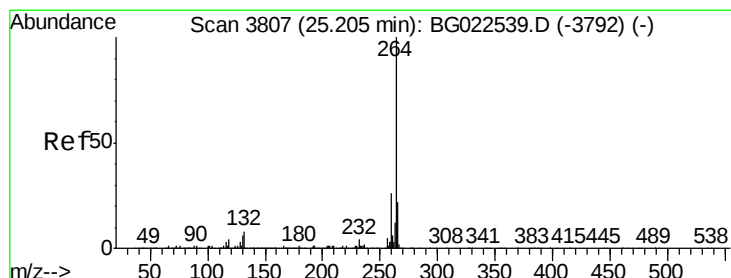
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

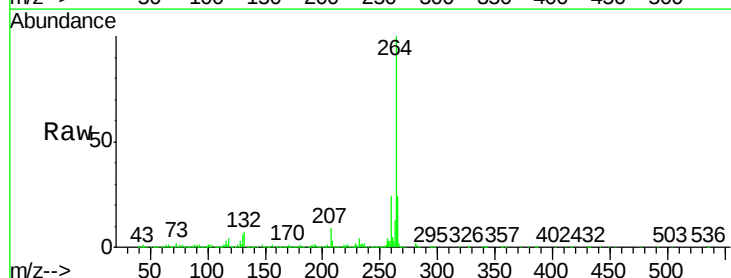
Delta R.T. -0.00 min

Lab File: BG022648.D

Acq: 27 Jun 2016 18:21

Tgt Ion:264 Resp: 1303889

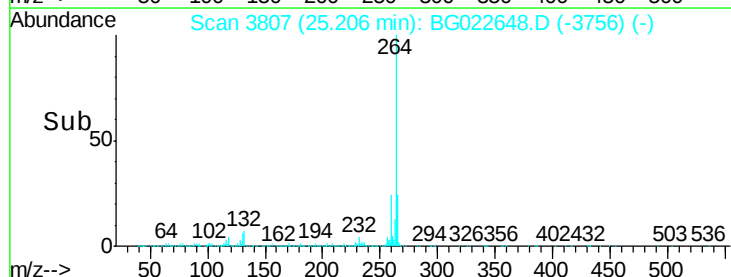
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.8	18.9	28.3



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



Time-->