

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028864.D
 Acq On : 21 Sep 2017 19:04
 Operator : SJ/JU
 Sample : PB102514TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 00:55:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31124	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	123259	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	90409	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	251792	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	278763	20.00	ng	-0.05
86) Perylene-d12	25.46	264	253380	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	296595	157.24	ng	-0.05
7) Phenol-d6	7.44	99	398150	140.19	ng	-0.05
23) Nitrobenzene-d5	9.46	82	252080	97.83	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	209103	139.84	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	665305	98.12	ng	-0.04
78) Terphenyl-d14	20.24	244	1289612	98.66	ng	-0.04

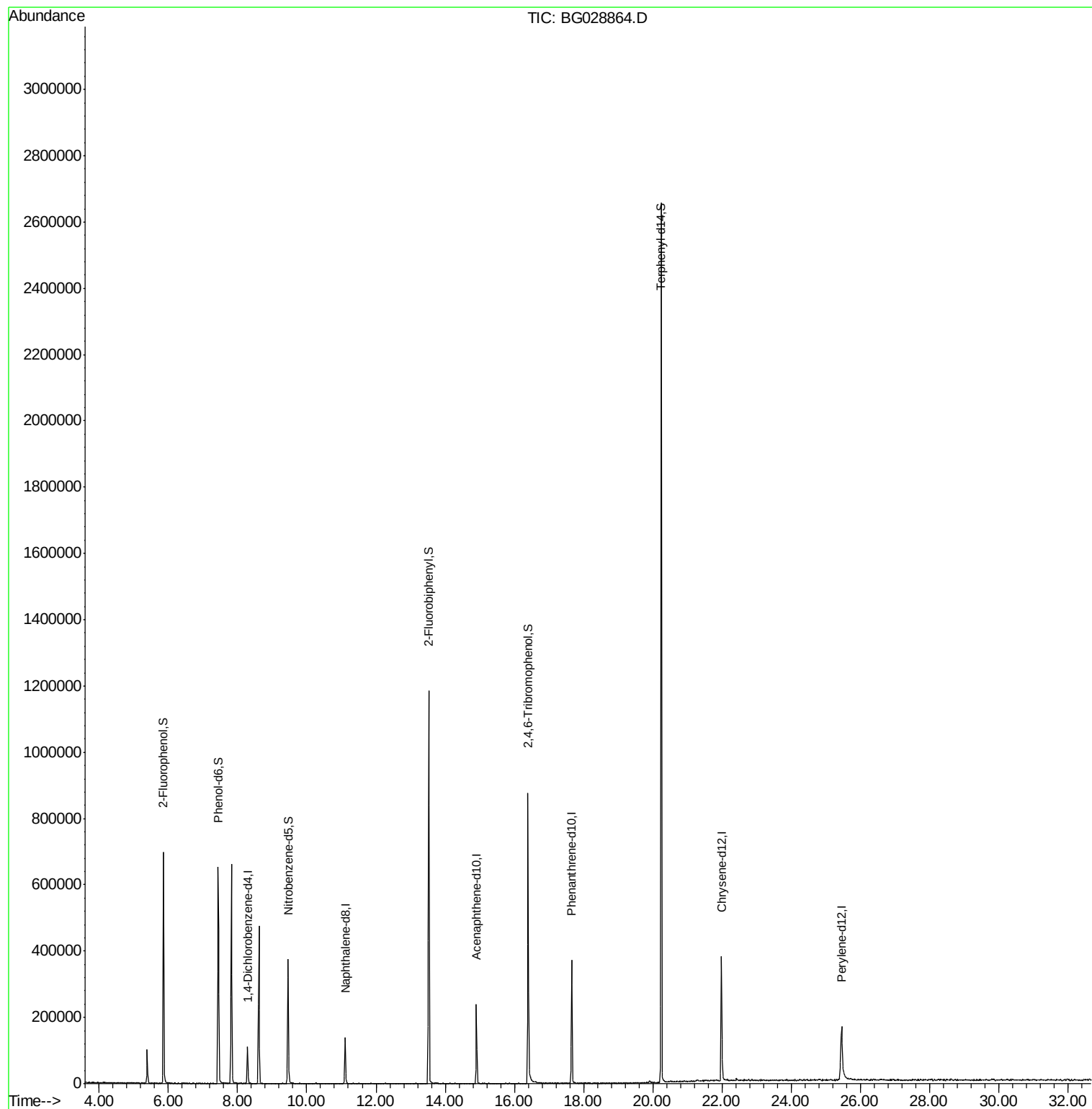
Target Compounds Qvalue

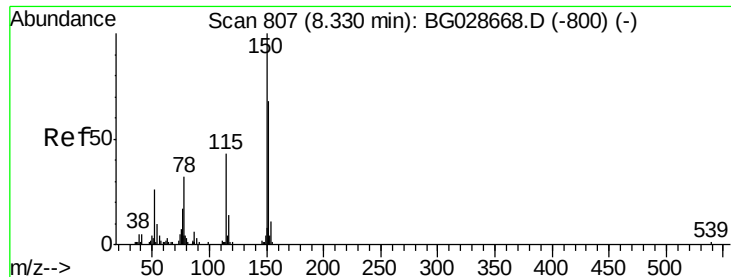
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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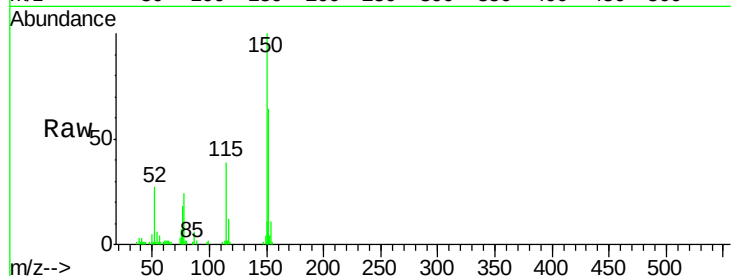


#1

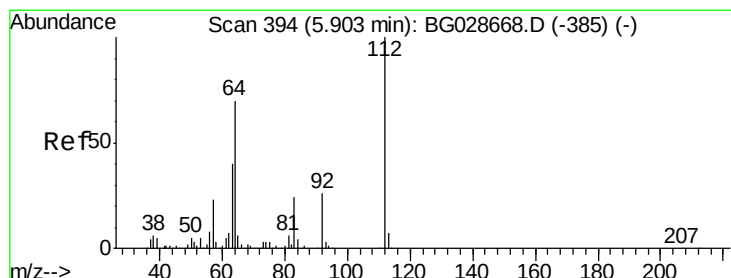
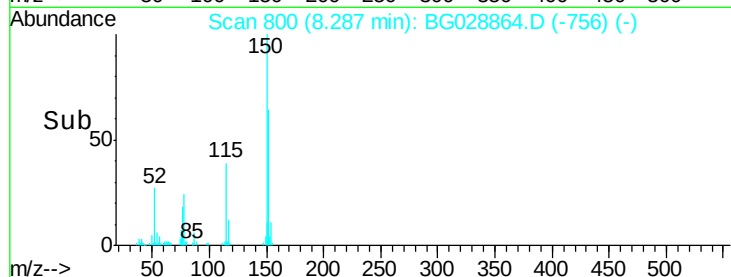
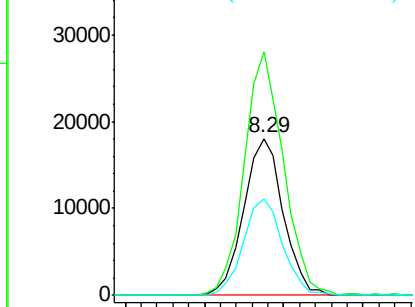
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31124
Ion Ratio Lower Upper
152 100
150 155.1 114.0 171.0
115 61.1 48.1 72.1



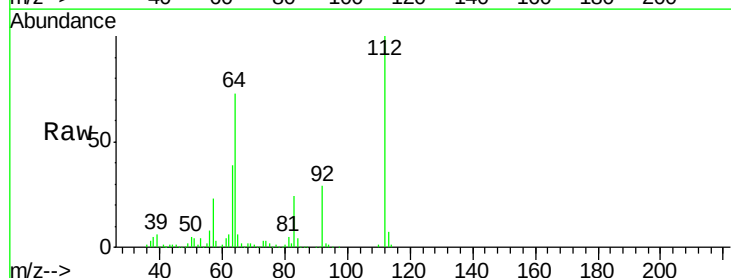
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



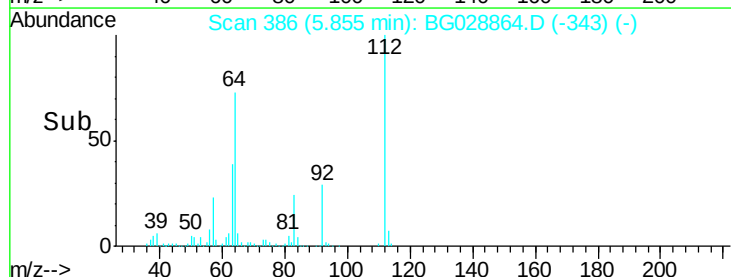
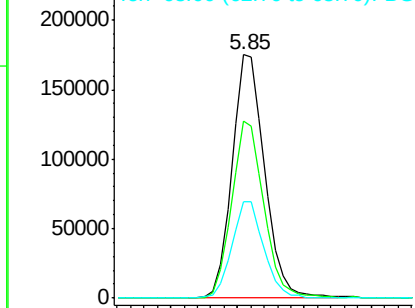
#5

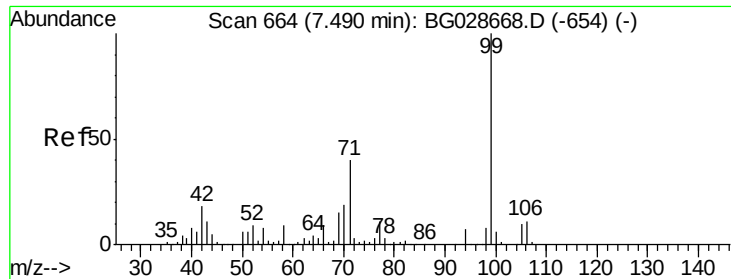
2-Fluorophenol
Concen: 157.24 ng
RT: 5.85 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

Tgt Ion:112 Resp: 296595
Ion Ratio Lower Upper
112 100
64 72.7 61.8 92.6
63 39.4 37.2 55.8



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: 140.19 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

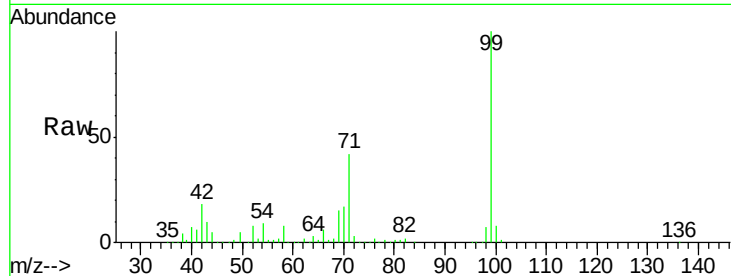
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 398150

Ion	Ratio	Lower	Upper
99	100		
42	17.7	20.5	30.7#
71	41.6	37.6	56.4

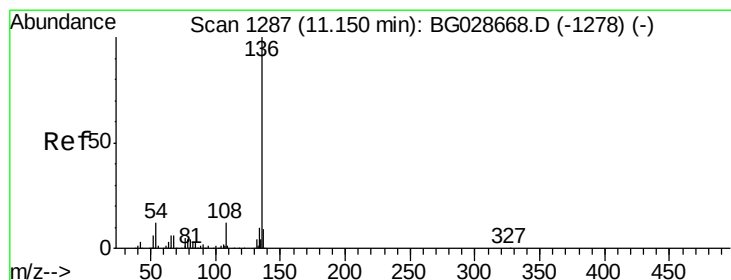
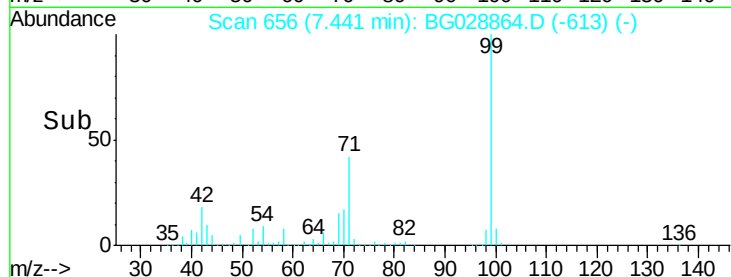
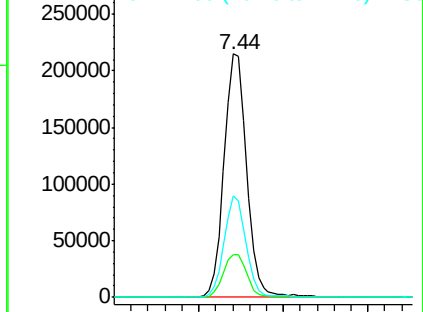


Abundance

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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

Tgt Ion: 136 Resp: 123259

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	11.7	9.3	13.9
68	5.4	5.1	7.7

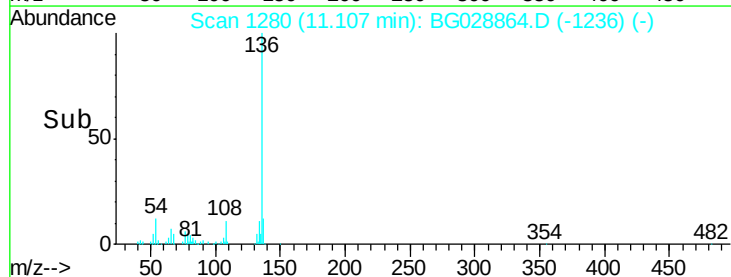
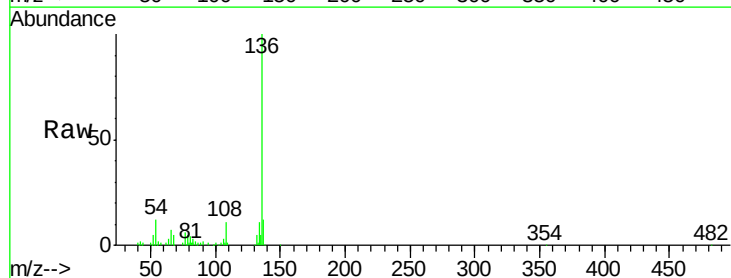
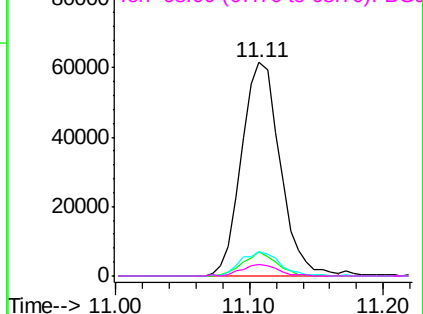
Abundance

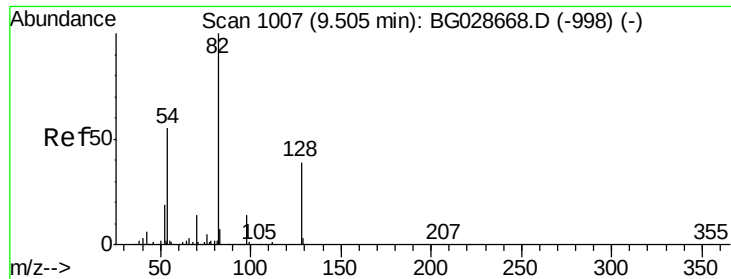
Ion 136.00 (135.70 to 136.70): BGC

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

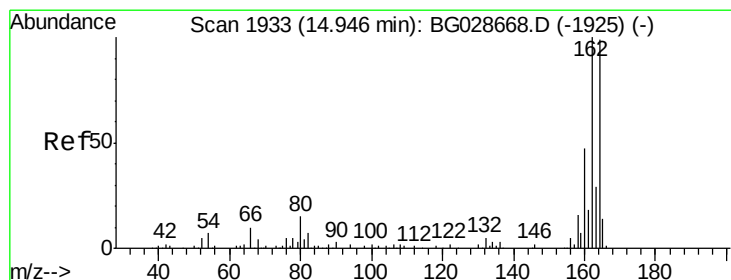
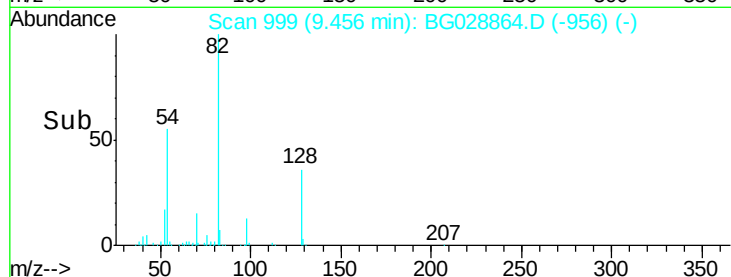
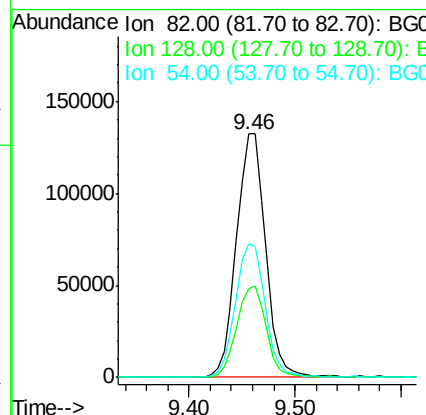
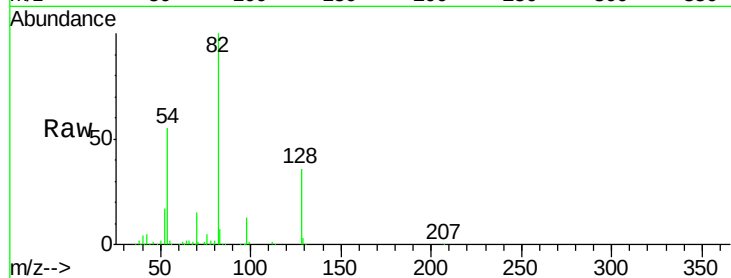




#23
Nitrobenzene-d5
Concen: 97.83 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

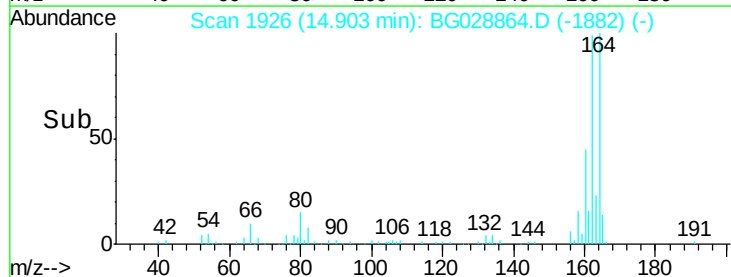
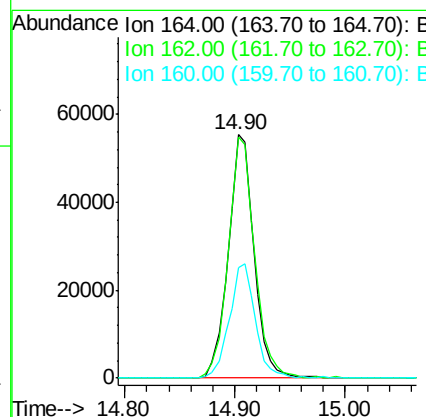
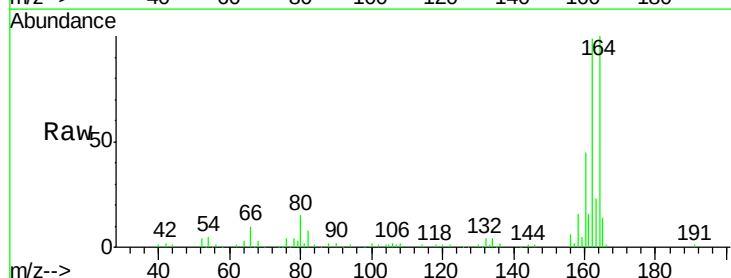
Instrument :
BNA_G
ClientSampleId :

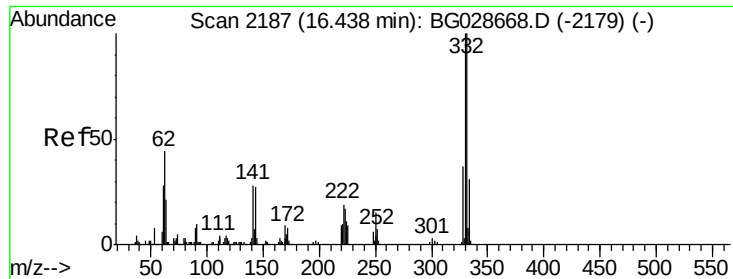
Tot Ion	82	Resp	252080
Ion Ratio	Lower	Upper	
82	100		
128	36.3	26.4	39.6
54	54.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

Tgt Ion	164	Resp	90409
Ion Ratio	Lower	Upper	
164	100		
162	98.9	85.1	127.7
160	45.2	34.7	52.1

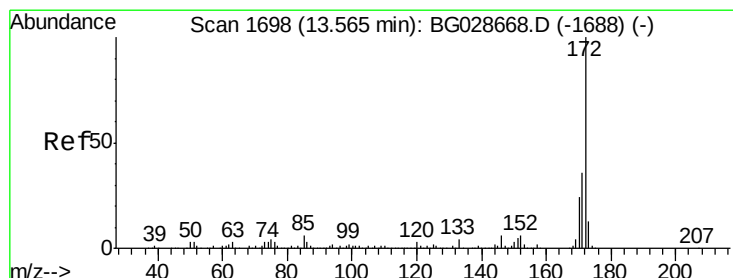
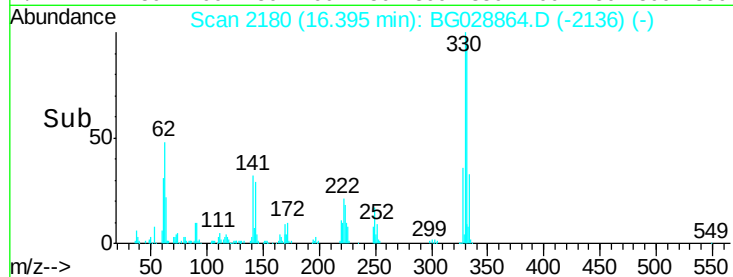
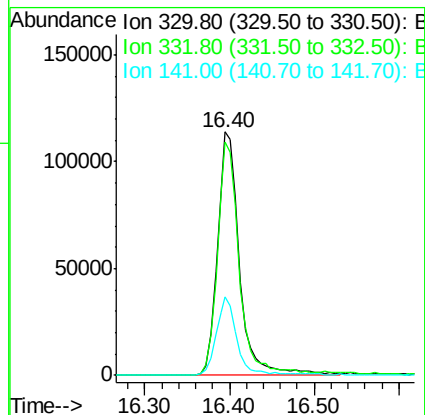
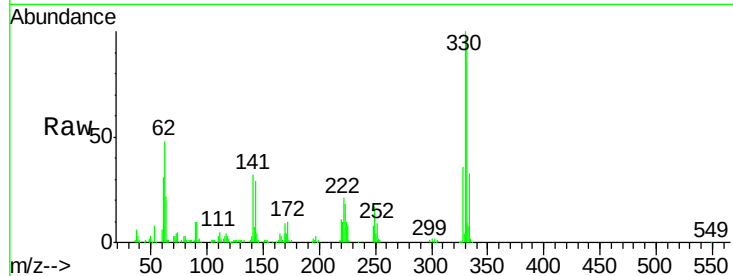




#41
 2,4,6-Tribromophenol
 Concen: 139.84 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028864.D
 Acq: 21 Sep 2017 19:04

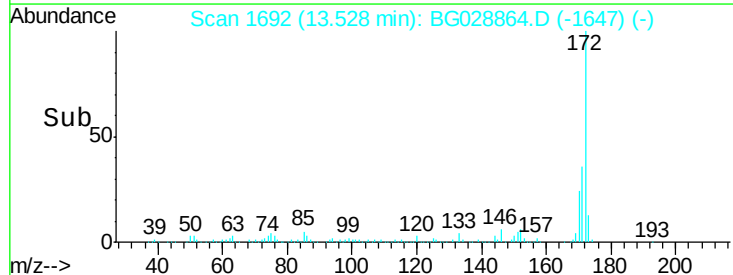
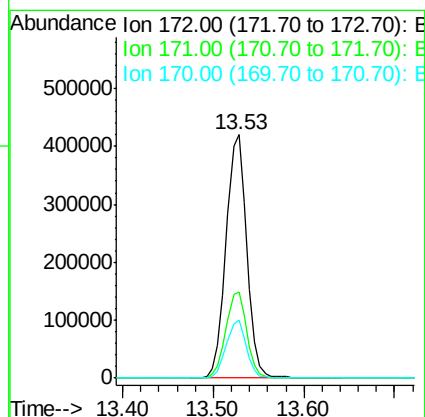
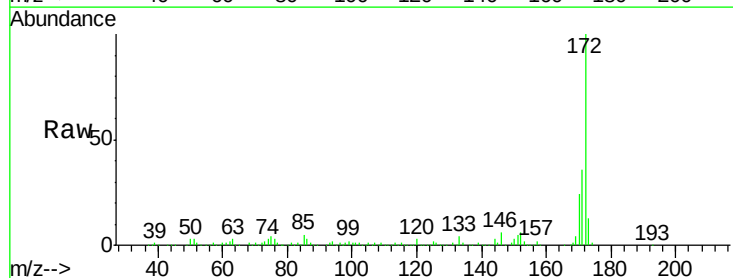
Instrument :
 BNA_G
 ClientSampleId :

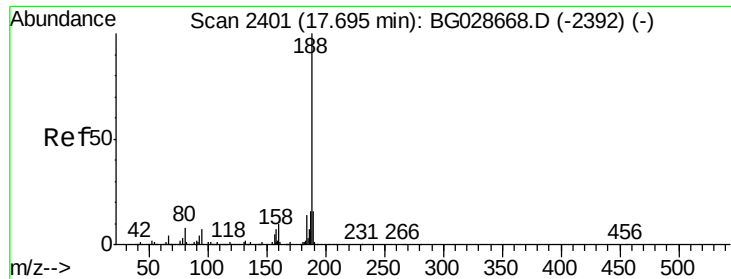
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	30.0	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 98.12 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028864.D
 Acq: 21 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	23.9	21.8	32.6

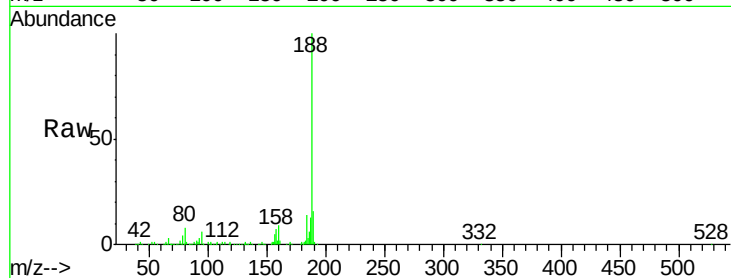




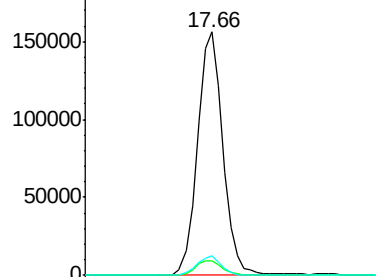
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

Instrument :
BNA_G
ClientSampleId :

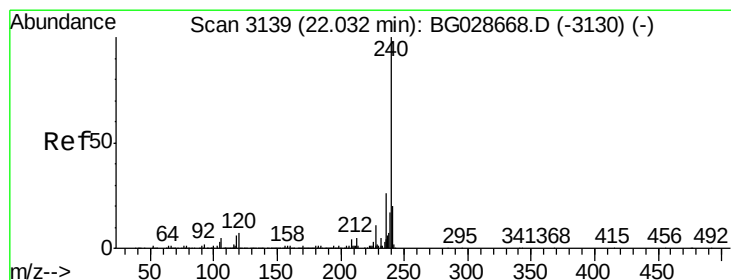
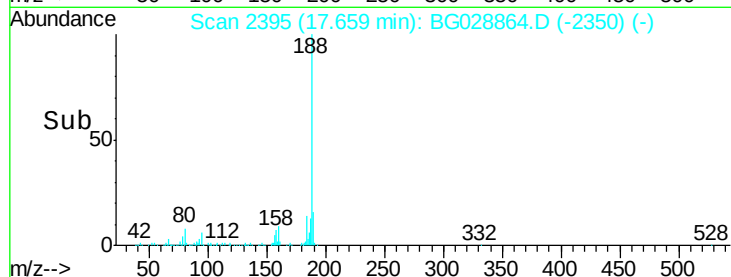
Tot Ion:188 Resp: 251792
Ion Ratio Lower Upper
188 100
94 5.9 5.8 8.8
80 7.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

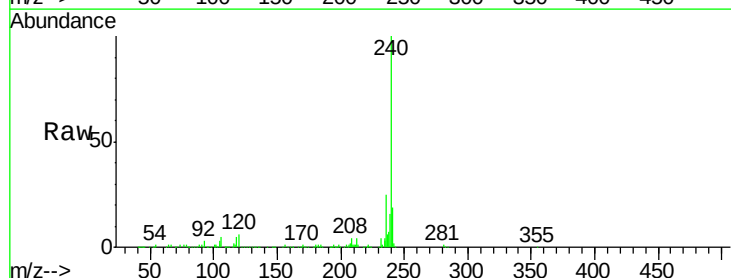


Time-->

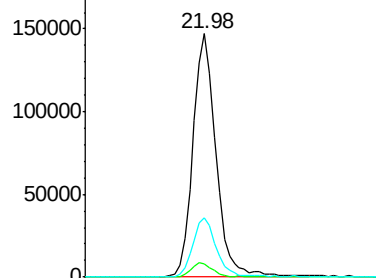


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028864.D
Acq: 21 Sep 2017 19:04

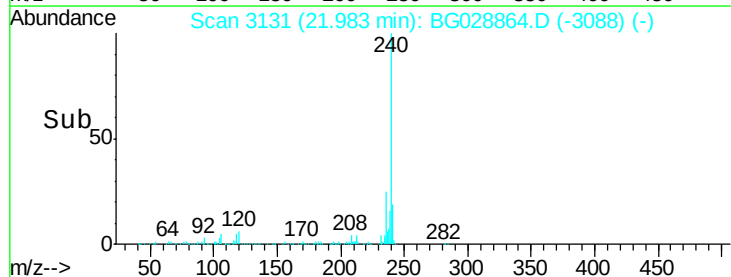
Tgt Ion:240 Resp: 278763
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 24.6 22.2 33.4

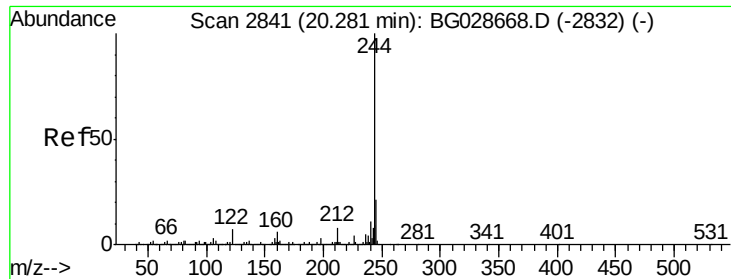


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 98.66 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

Instrument :

BNA_G

ClientSampleId :

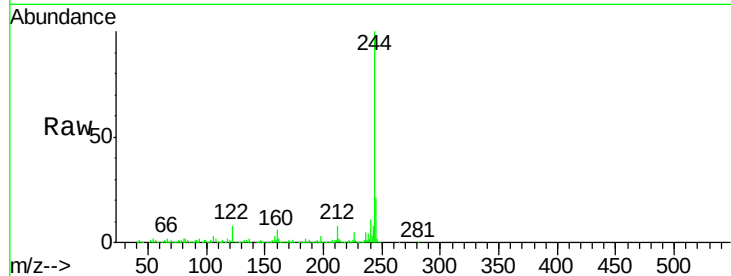
Tot Ion:244 Resp: 1289612

Ion Ratio Lower Upper

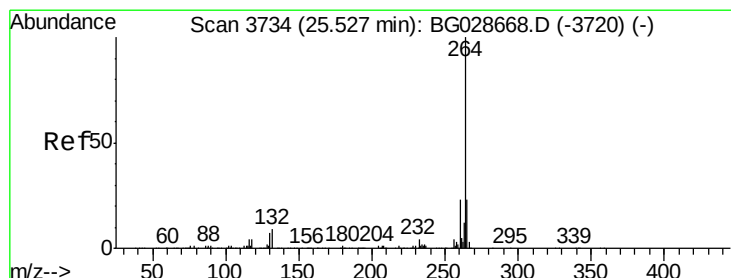
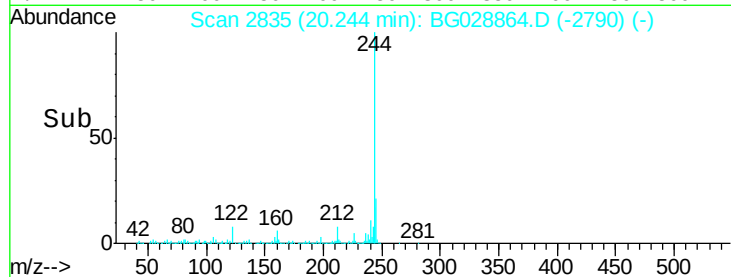
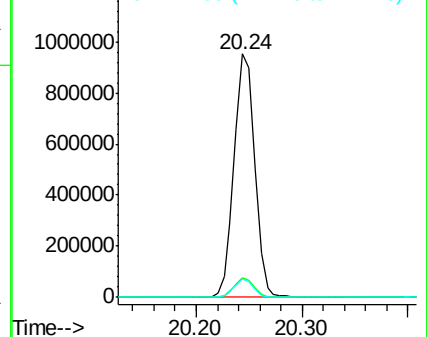
244 100

212 7.9 10.0 15.0#

122 7.7 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028864.D

Acq: 21 Sep 2017 19:04

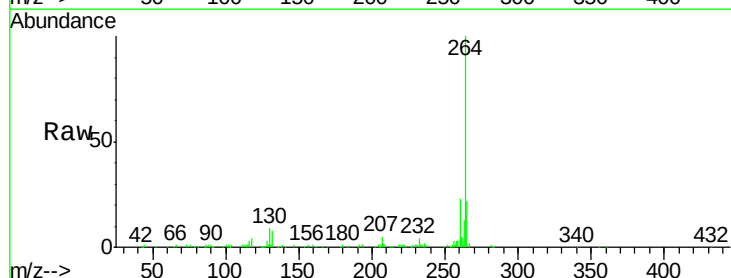
Tgt Ion:264 Resp: 253380

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 21.7 18.2 27.4



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

