

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028724.D
 Acq On : 14 Sep 2017 9:23
 Operator : SJ/JU
 Sample : I5209-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-91117

Quant Time: Sep 14 11:01:08 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	8.33	152	20958	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	88526	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	69651	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	230165	20.00	ng	0.00
75) Chrysene-d12	22.03	240	264920	20.00	ng	0.00
86) Perylene-d12	25.52	264	271920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	190643	150.10	ng	0.00
7) Phenol-d6	7.48	99	243548	127.35	ng	0.00
23) Nitrobenzene-d5	9.50	82	175692	94.94	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	219870	190.86	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	469714	89.92	ng	0.00
78) Terphenyl-d14	20.28	244	1262445	101.62	ng	0.00

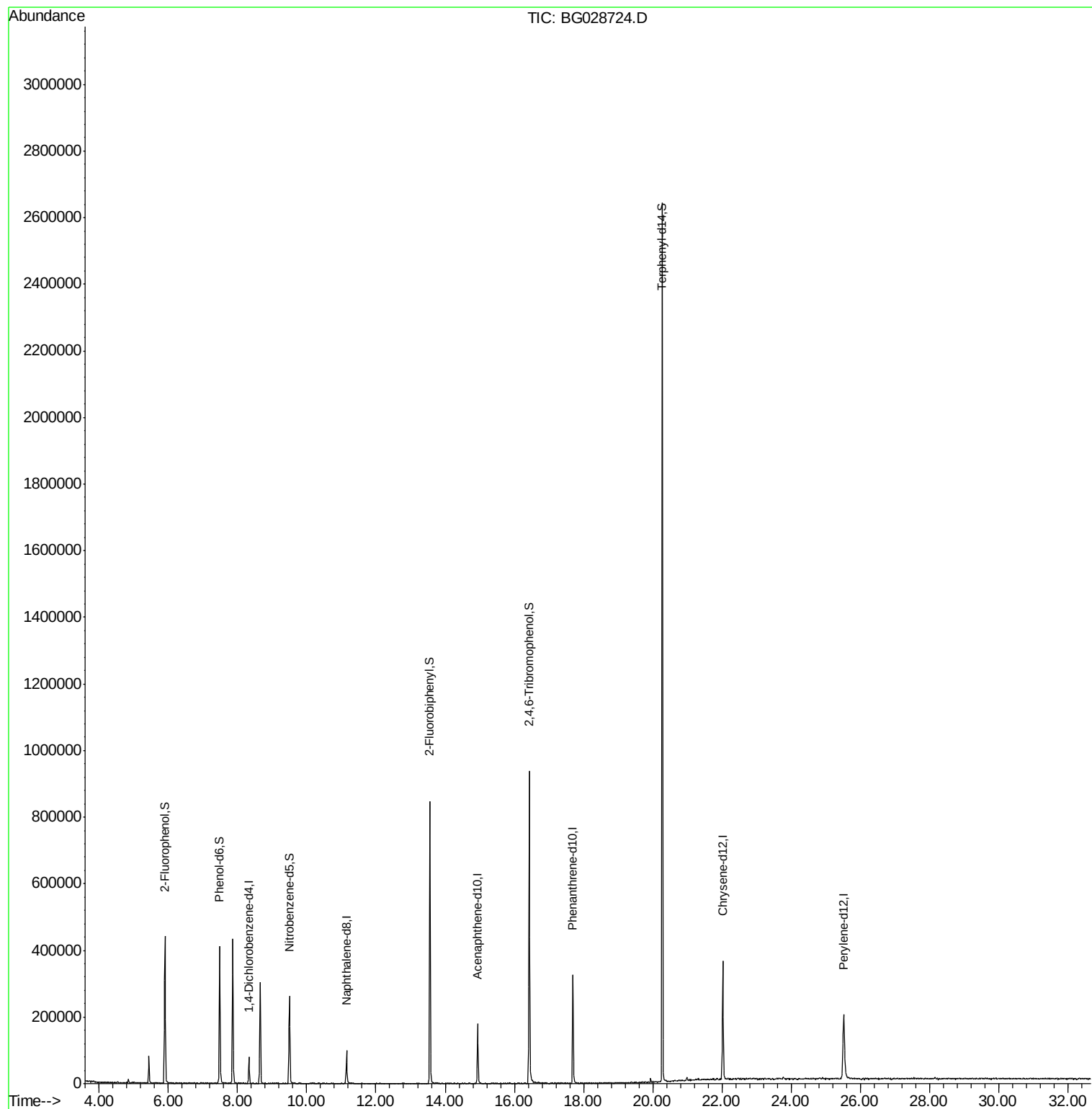
Target Compounds Qvalue

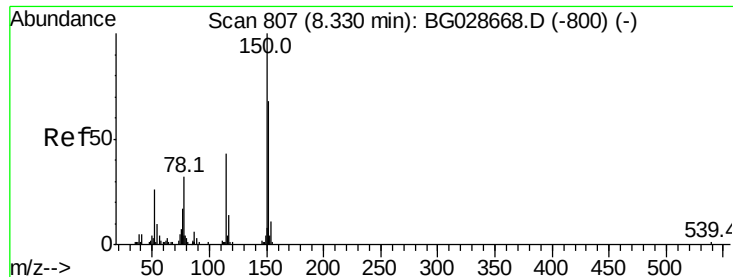
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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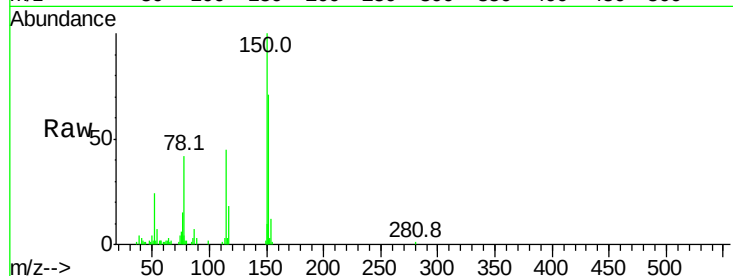


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028724.D
Acq: 14 Sep 2017 9:23

Instrument :
BNA_G
ClientSampleId :
OR-03-91117

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.5	114.0	171.0
115	63.5	48.1	72.1

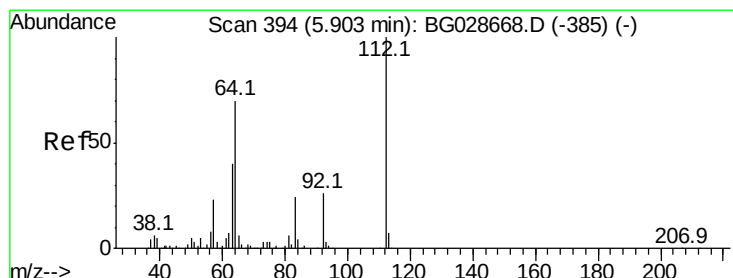
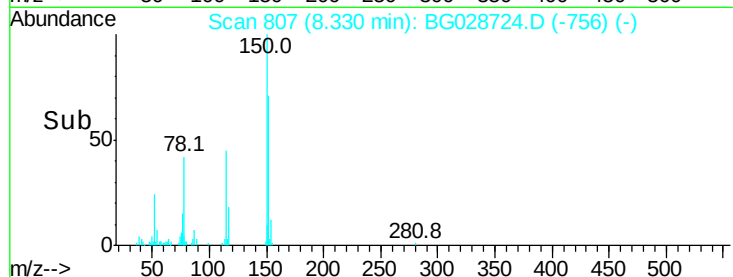
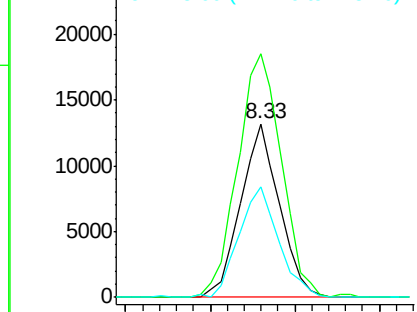


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

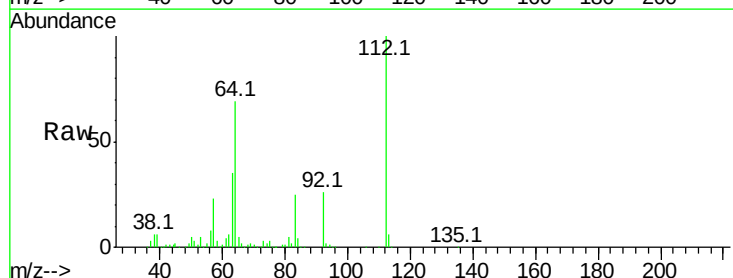
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.096 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028724.D
Acq: 14 Sep 2017 9:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	61.8	92.6
63	35.2	37.2	55.8

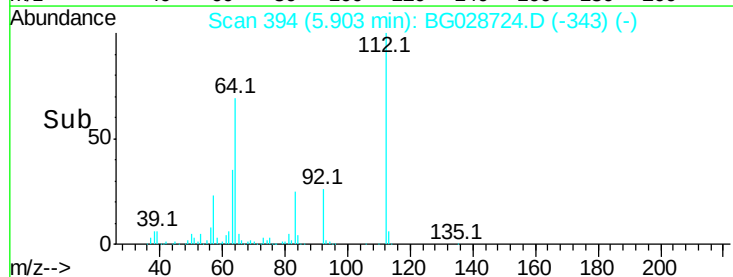
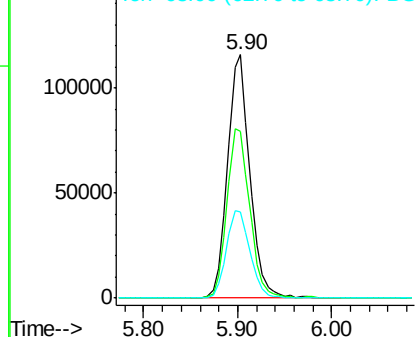


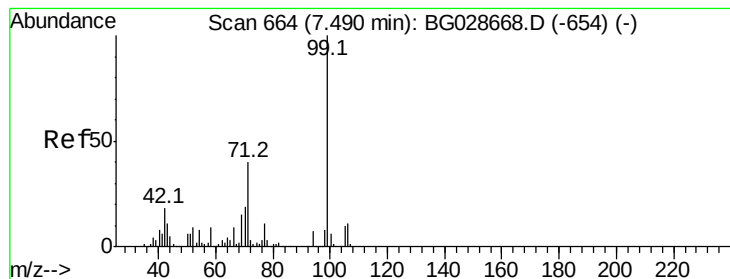
Abundance

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: 127.355 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028724.D

Acq: 14 Sep 2017 9:23

Instrument :

BNA_G

ClientSampleId :

OR-03-91117

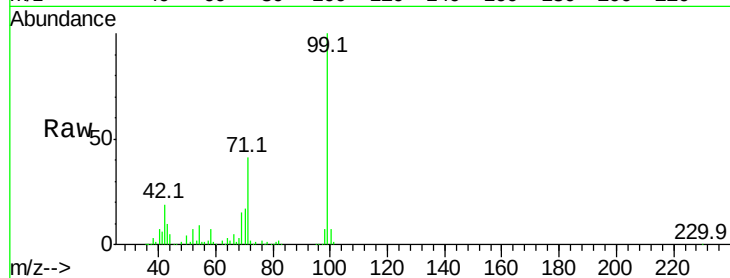
Tot Ion: 99 Resp: 243548

Ion Ratio Lower Upper

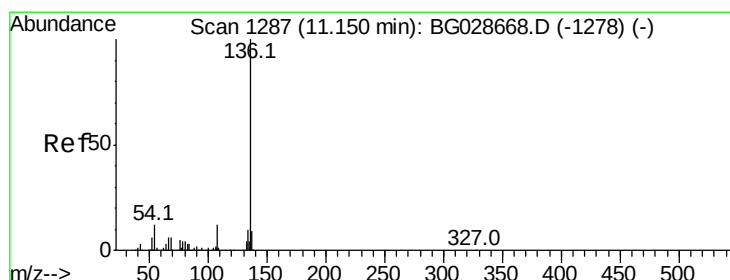
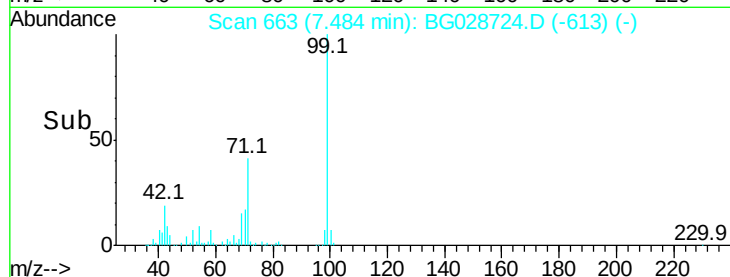
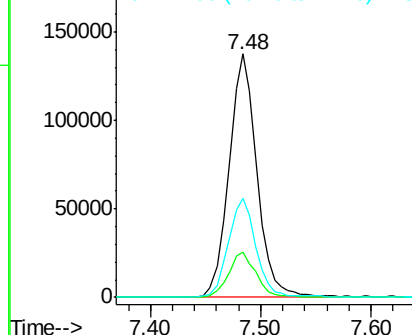
99 100

42 18.7 20.5 30.7#

71 40.5 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: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028724.D

Acq: 14 Sep 2017 9:23

Tgt Ion: 136 Resp: 88526

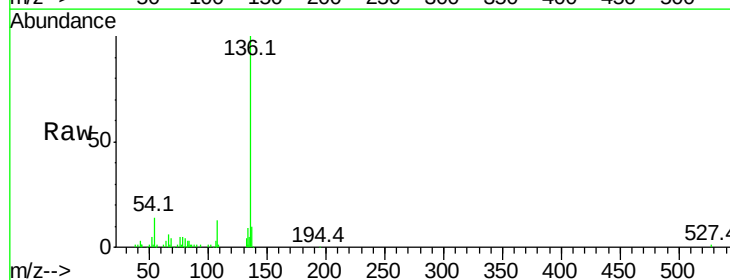
Ion Ratio Lower Upper

136 100

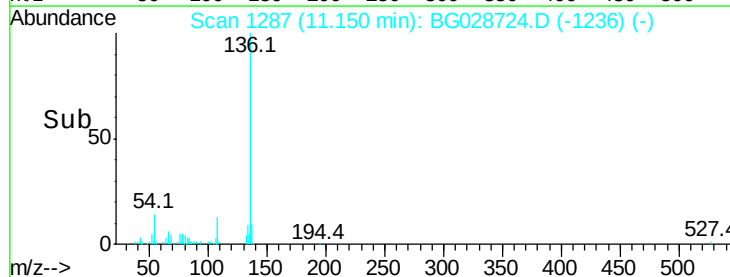
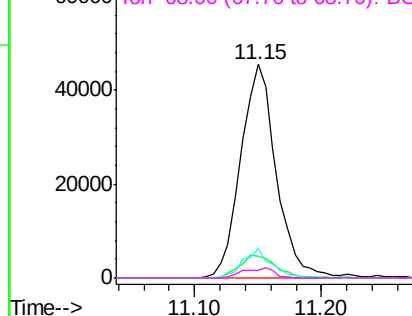
137 10.4 8.9 13.3

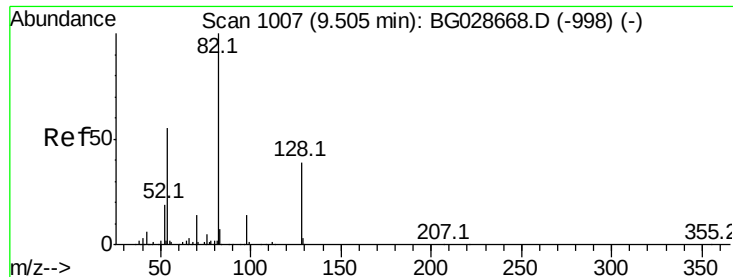
54 13.8 9.3 13.9

68 3.9 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

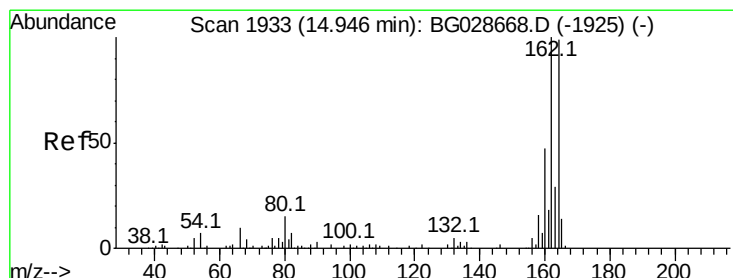
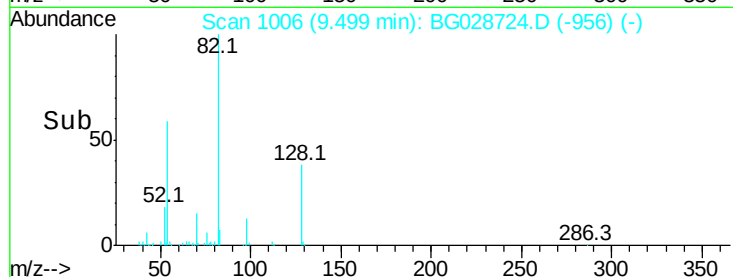
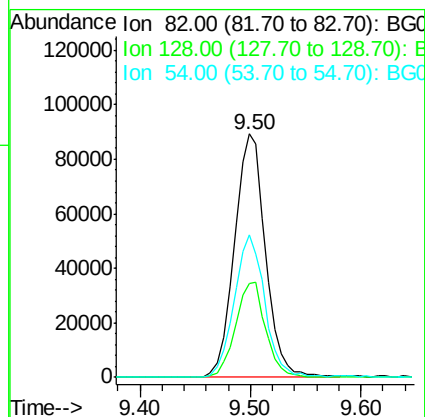
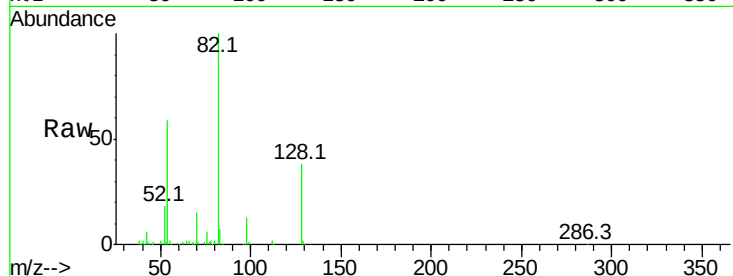




#23
Nitrobenzene-d5
Concen: 94.940 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028724.D
Acq: 14 Sep 2017 9:23

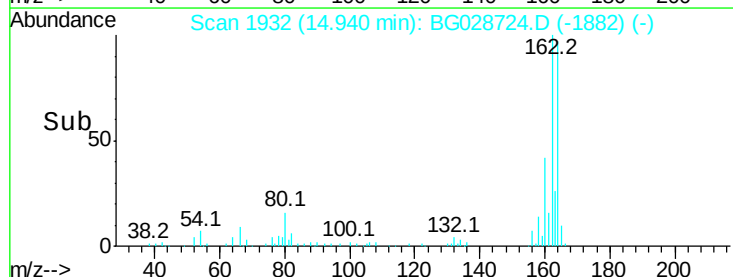
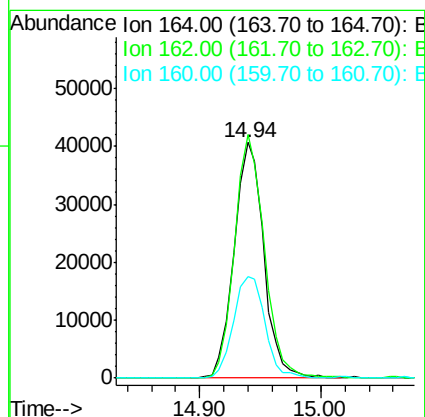
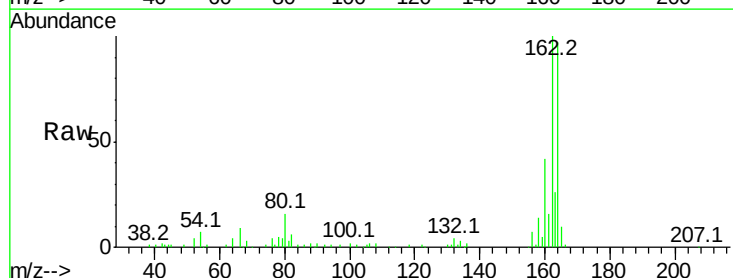
Instrument :
BNA_G
ClientSampleId :
OR-03-91117

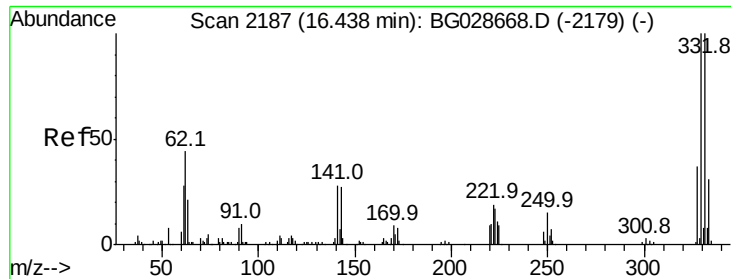
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.4	39.6
54	58.6	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028724.D
Acq: 14 Sep 2017 9:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	43.1	34.7	52.1

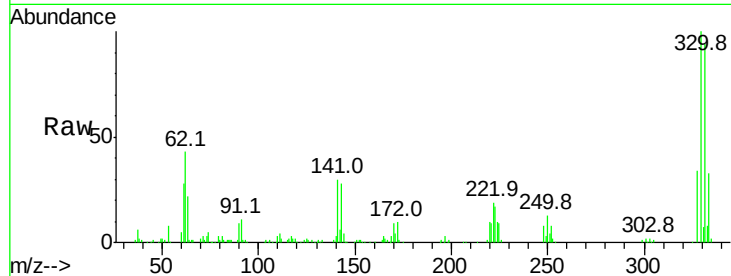




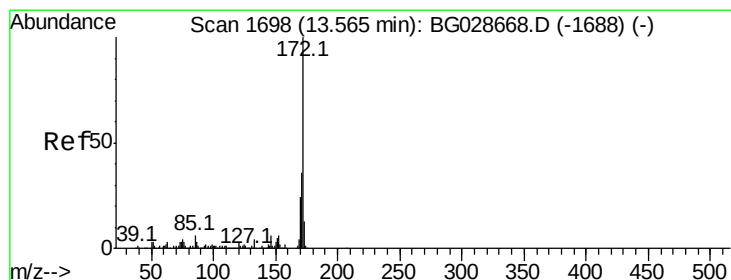
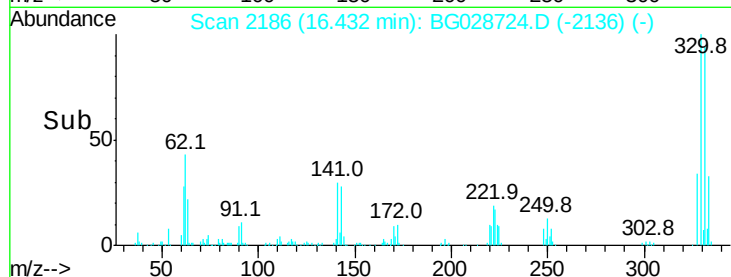
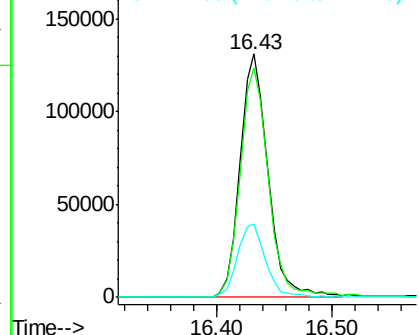
#41
 2,4,6-Tribromophenol
 Concen: 190.862 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028724.D
 Acq: 14 Sep 2017 9:23

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-91117

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	30.8	32.1	48.1#

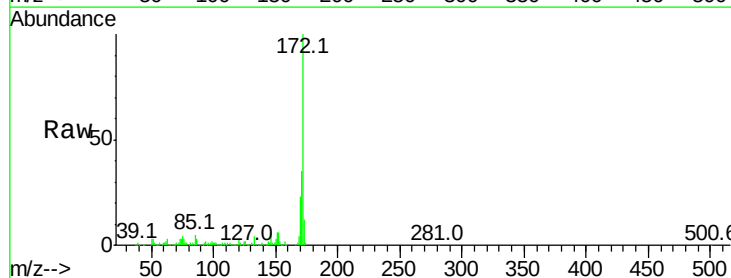


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

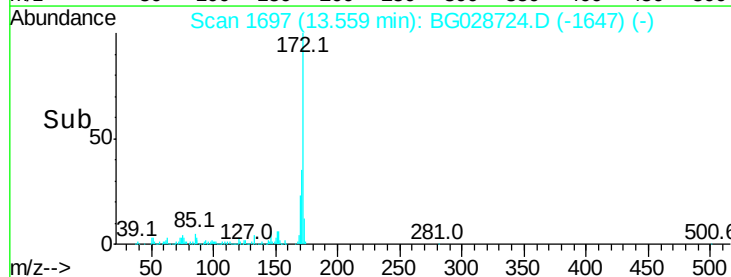
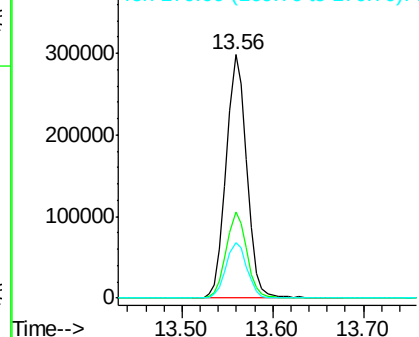


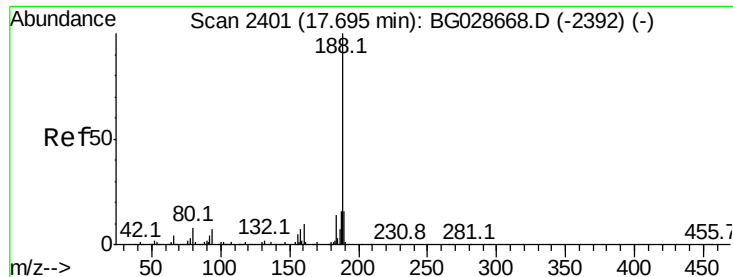
#44
 2-Fluorobiphenyl
 Concen: 89.924 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028724.D
 Acq: 14 Sep 2017 9:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	22.6	21.8	32.6



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: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028724.D

Acq: 14 Sep 2017 9:23

Instrument :

BNA_G

ClientSampleId :

OR-03-91117

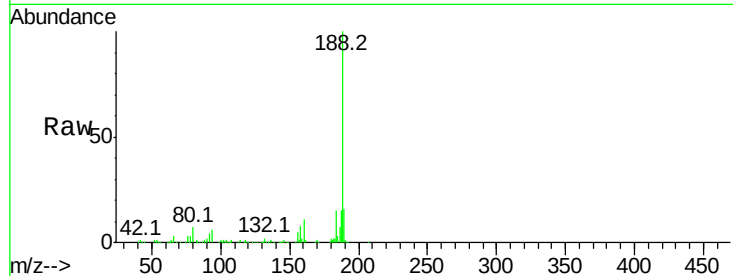
Tot Ion:188 Resp: 230165

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

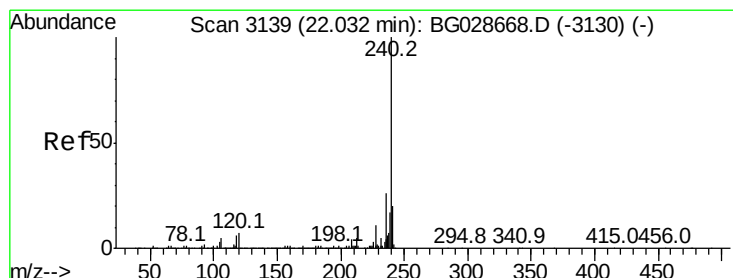
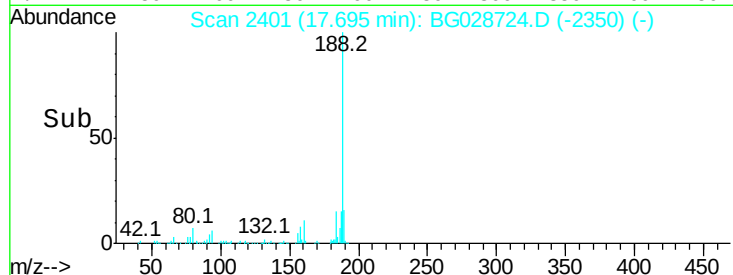
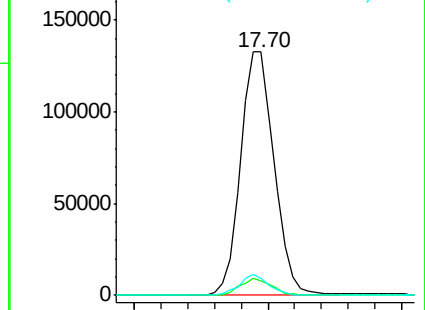
80 6.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028724.D

Acq: 14 Sep 2017 9:23

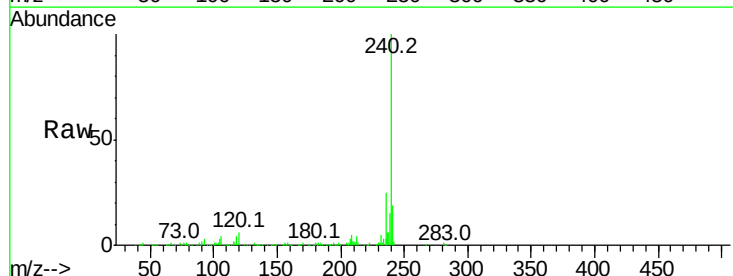
Tgt Ion:240 Resp: 264920

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

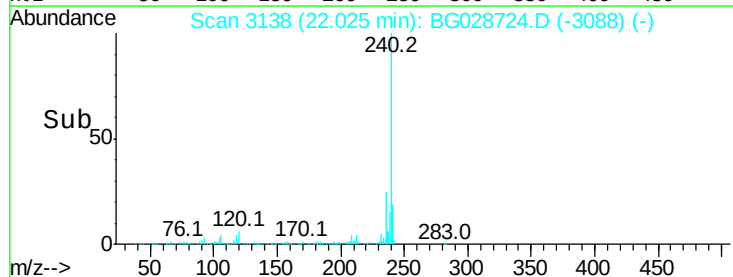
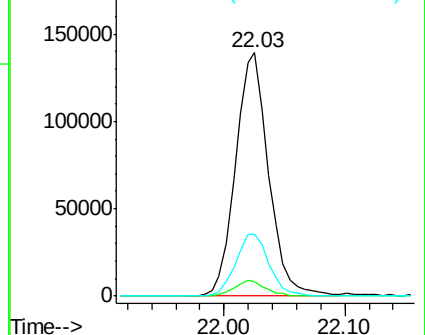
236 25.4 22.2 33.4

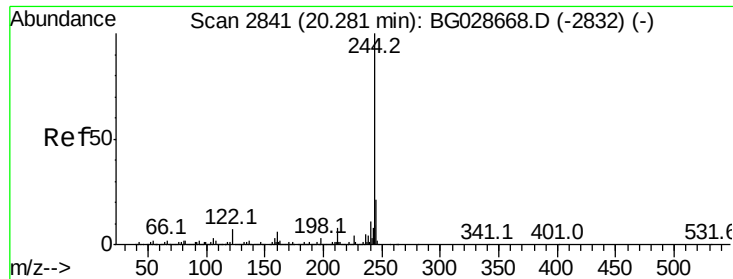


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.625 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028724.D

Acq: 14 Sep 2017 9:23

Instrument :

BNA_G

ClientSampleId :

OR-03-91117

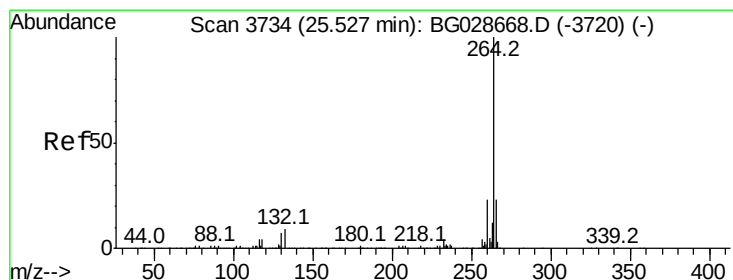
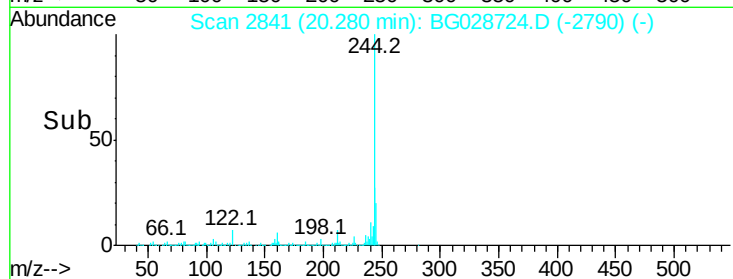
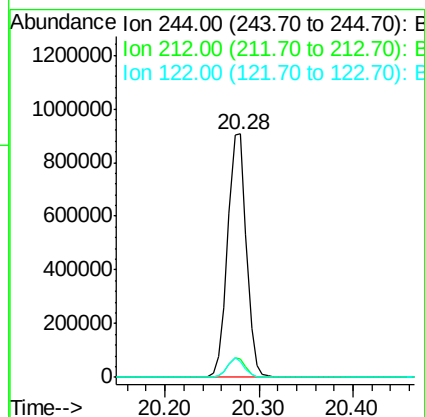
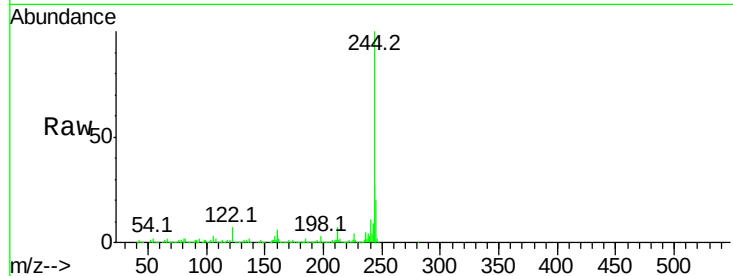
Tot Ion:244 Resp: 1262445

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

122 6.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028724.D

Acq: 14 Sep 2017 9:23

Tgt Ion:264 Resp: 271920

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 21.9 18.2 27.4

