

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027455.D
 Acq On : 15 Jun 2017 23:42
 Operator : SJ/MA
 Sample : PB99795TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 01:39:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32802	20.00	ng	-0.01
21) Naphthalene-d8	11.34	136	153005	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	99934	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	315897	20.00	ng	0.00
75) Chrysene-d12	22.23	240	374414	20.00	ng	0.00
86) Perylene-d12	25.89	264	359496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	334596	144.16	ng	0.00
7) Phenol-d6	7.65	99	466195	130.70	ng	0.00
23) Nitrobenzene-d5	9.68	82	269023	89.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	258089	172.08	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	626610	90.58	ng	0.00
78) Terphenyl-d14	20.43	244	1490107	102.00	ng	0.00

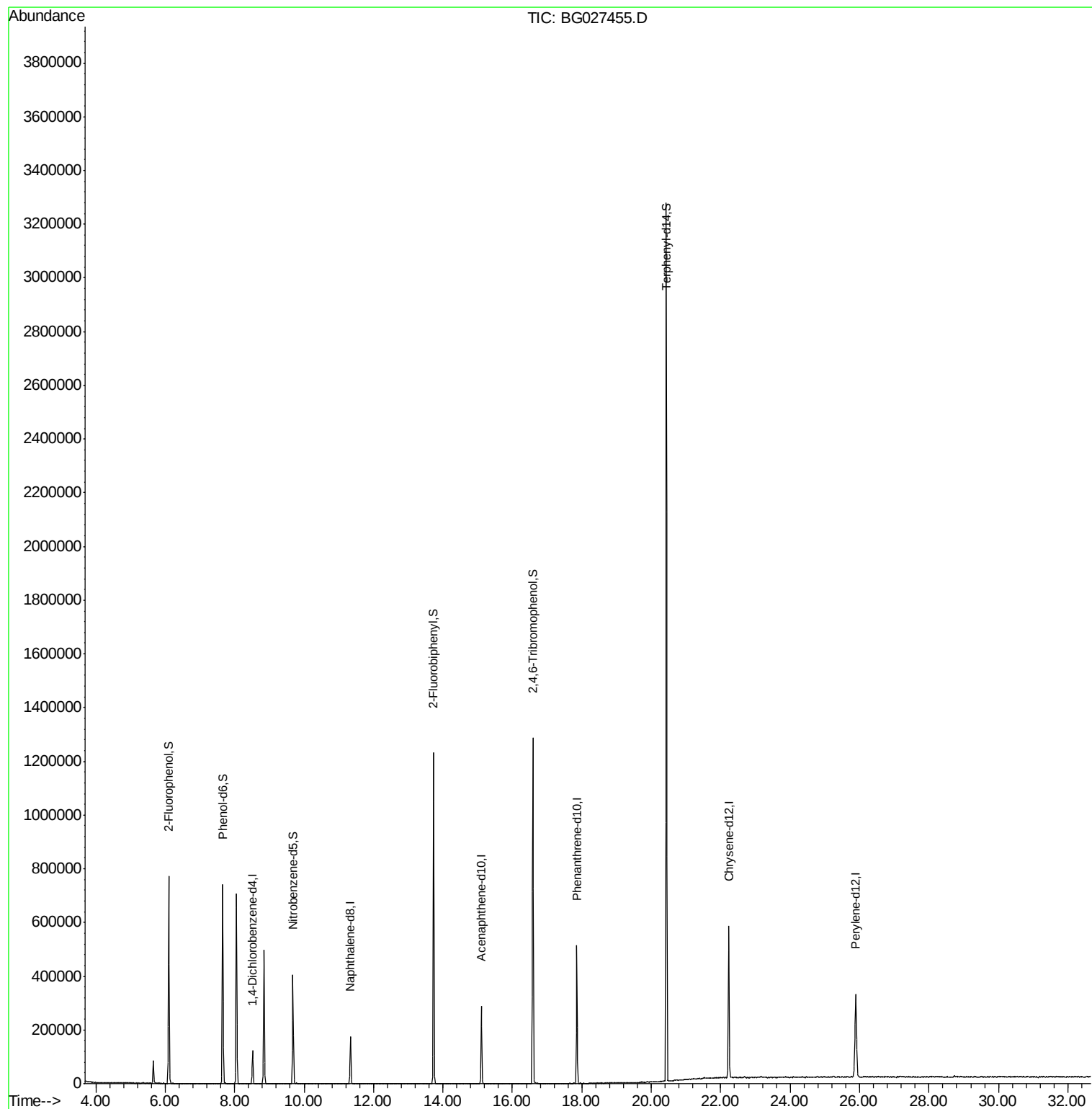
Target Compounds Qvalue

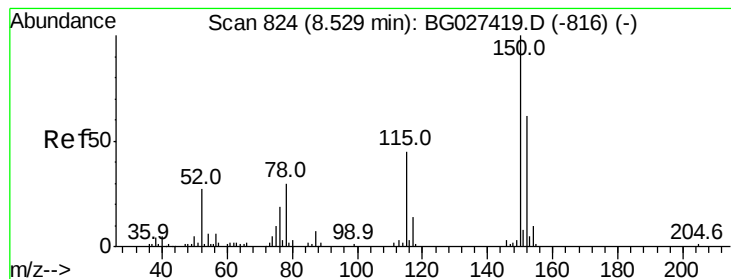
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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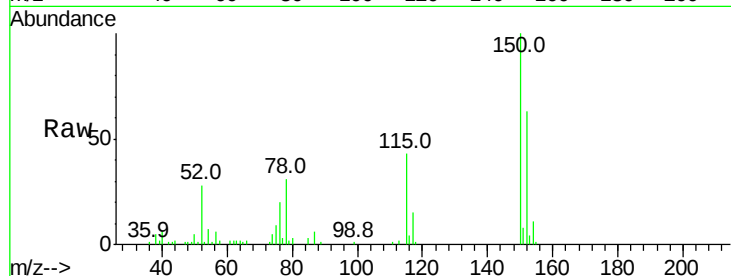


#1

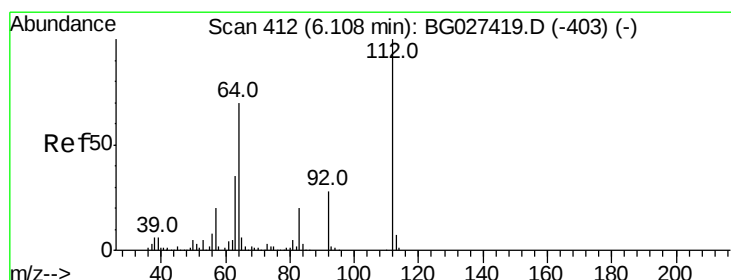
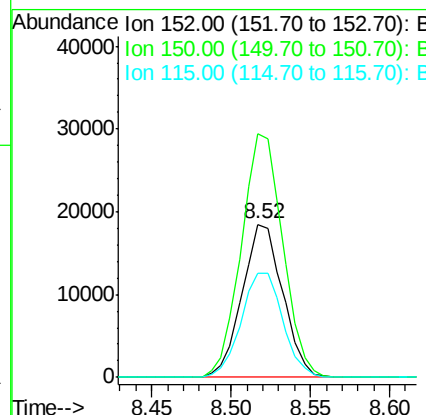
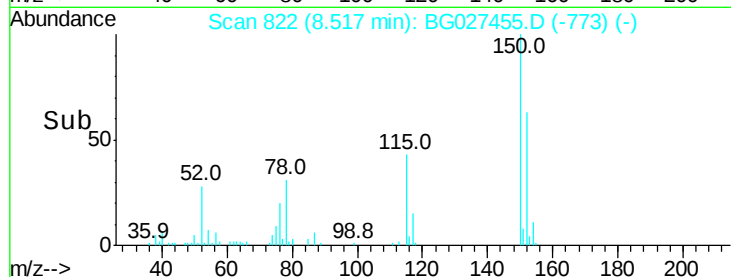
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32802
Ion Ratio Lower Upper
152 100
150 158.9 114.0 171.0
115 68.2 48.1 72.1



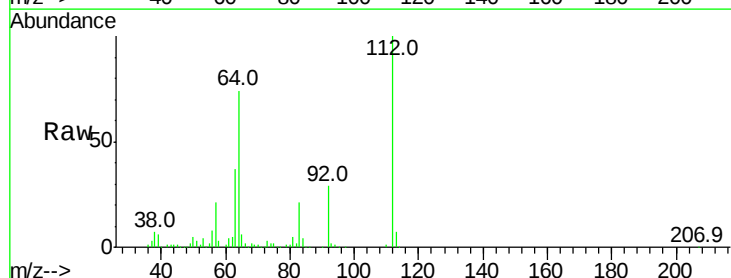
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



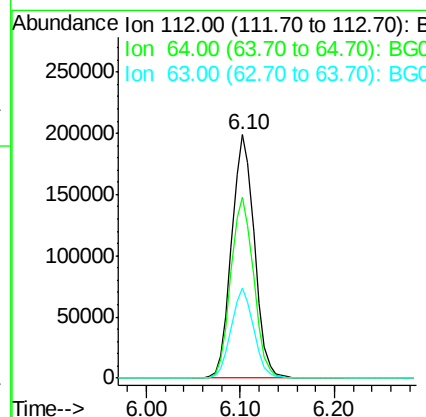
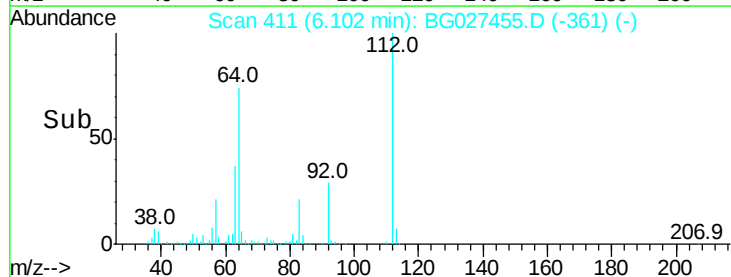
#5

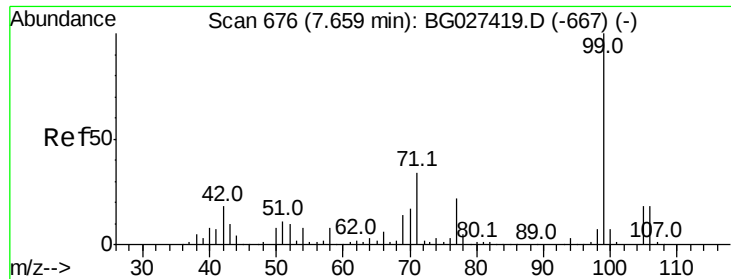
2-Fluorophenol
Concen: 144.16 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

Tgt Ion:112 Resp: 334596
Ion Ratio Lower Upper
112 100
64 74.2 61.8 92.6
63 37.1 37.2 55.8#



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: 130.70 ng

RT: 7.65 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG027455.D

Acq: 15 Jun 2017 23:42

Instrument :

BNA_G

ClientSampleId :

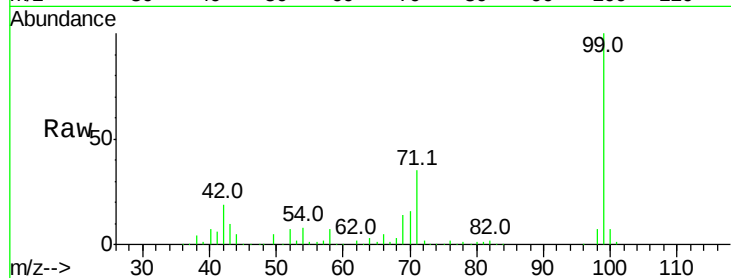
Tot Ion: 99 Resp: 466195

Ion Ratio Lower Upper

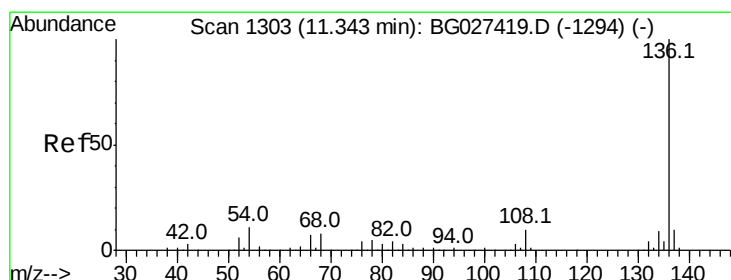
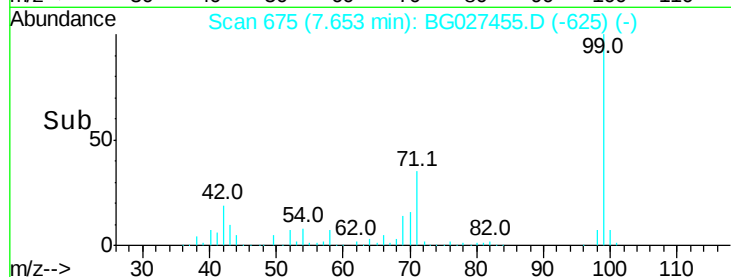
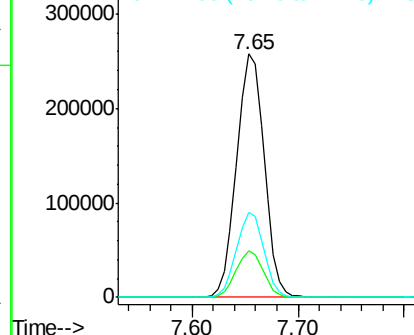
99 100

42 19.0 20.5 30.7#

71 34.8 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: 11.34 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG027455.D

Acq: 15 Jun 2017 23:42

Tgt Ion:136 Resp: 153005

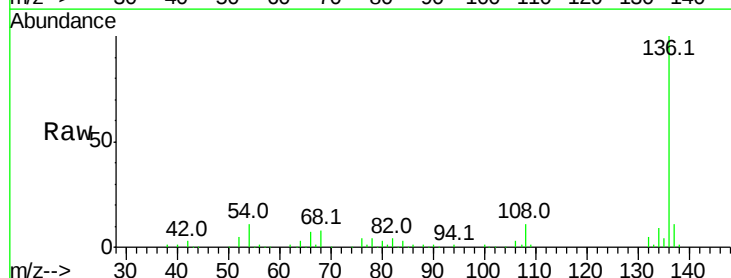
Ion Ratio Lower Upper

136 100

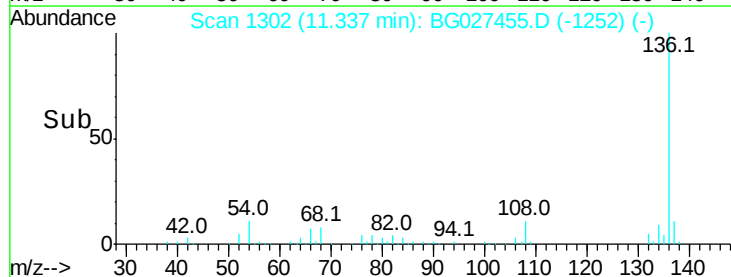
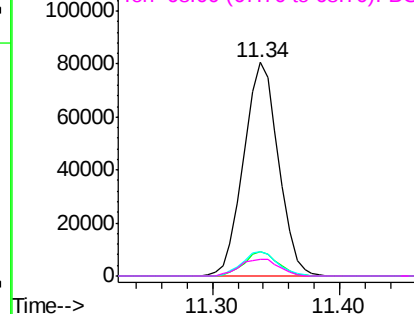
137 11.3 8.9 13.3

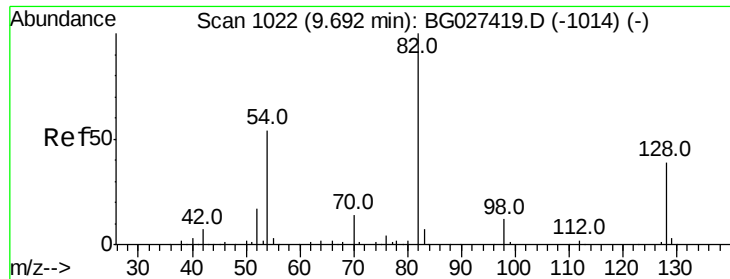
54 11.2 9.3 13.9

68 8.1 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

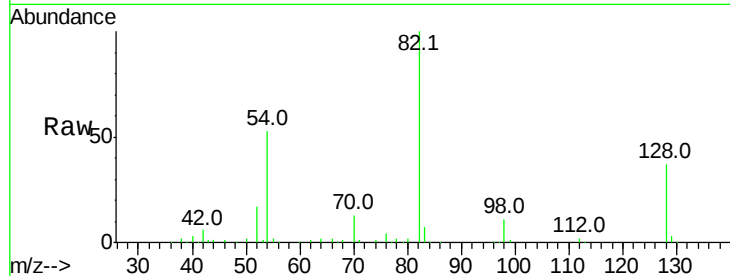




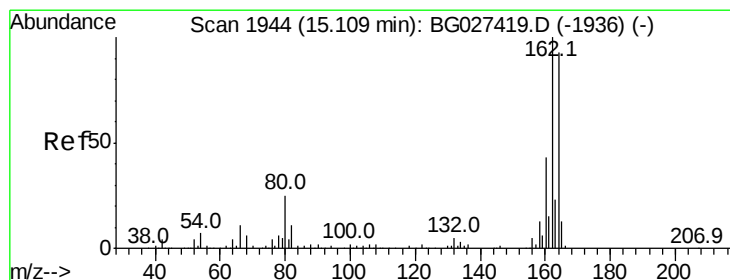
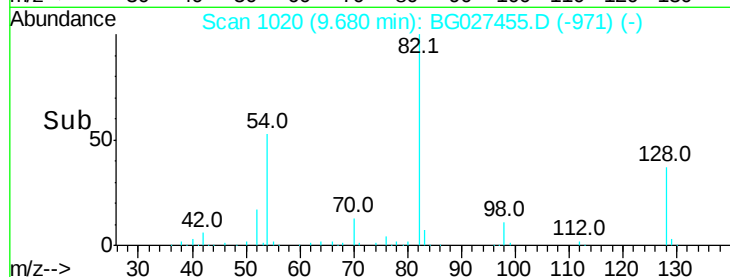
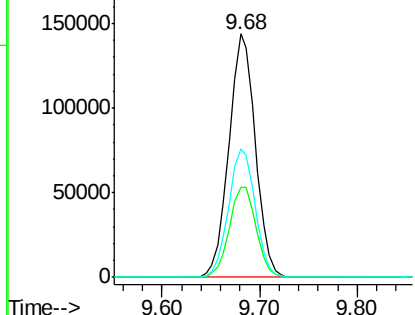
#23
Nitrobenzene-d5
Concen: 89.64 ng
RT: 9.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.4	39.6
54	52.7	49.4	74.2

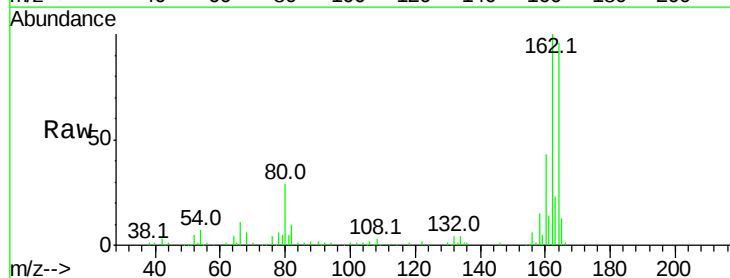


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

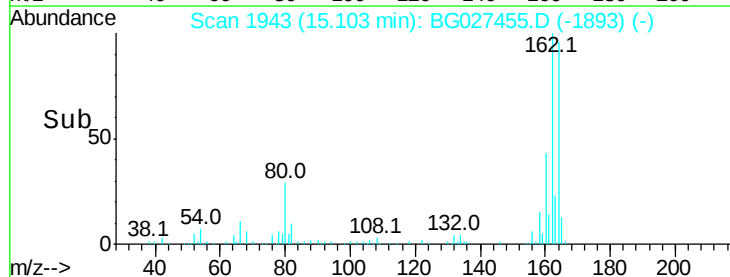
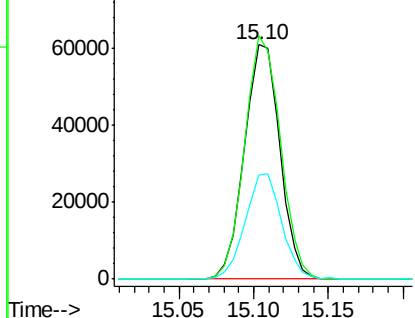


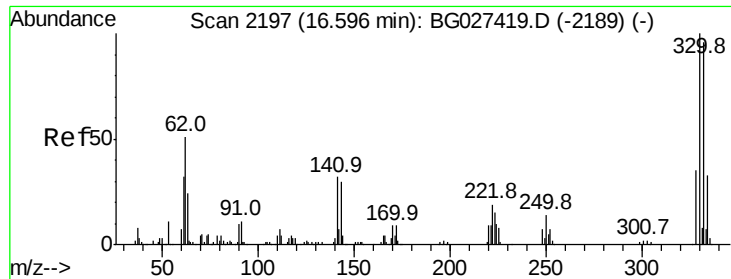
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.10 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	44.6	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

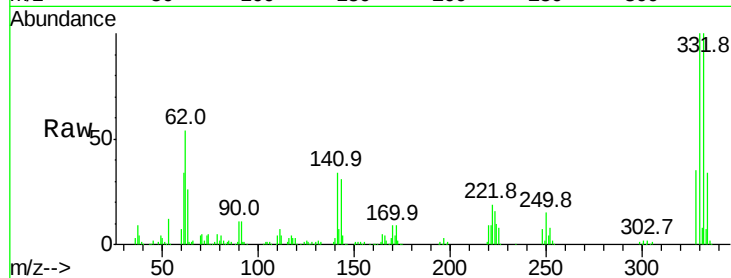




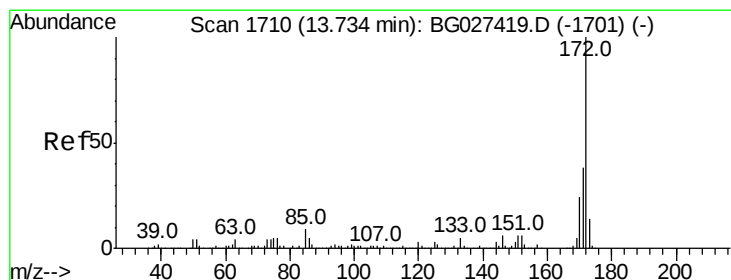
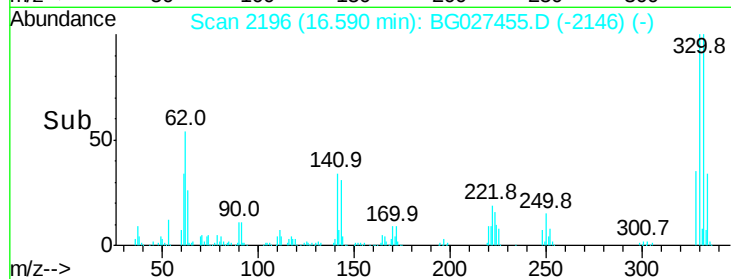
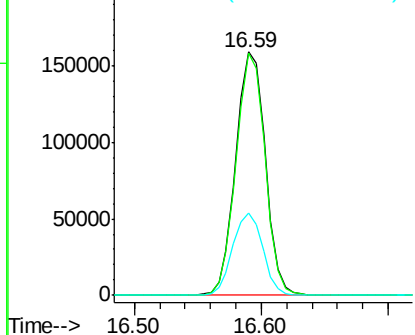
#41
 2,4,6-Tribromophenol
 Concen: 172.08 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG027455.D
 Acq: 15 Jun 2017 23:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	34.0	32.1	48.1

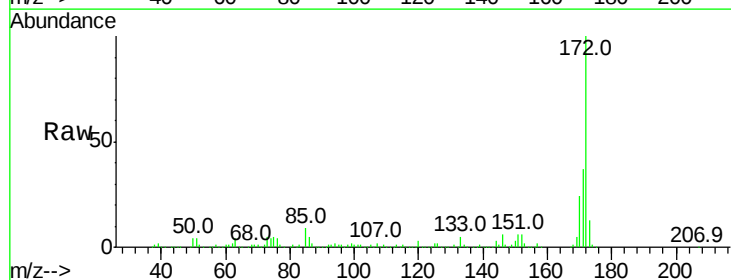


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

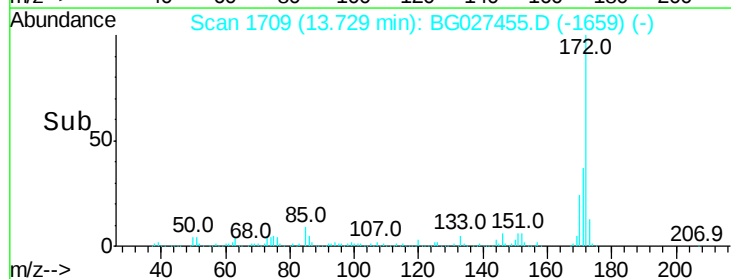
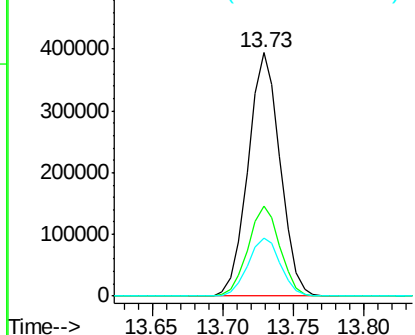


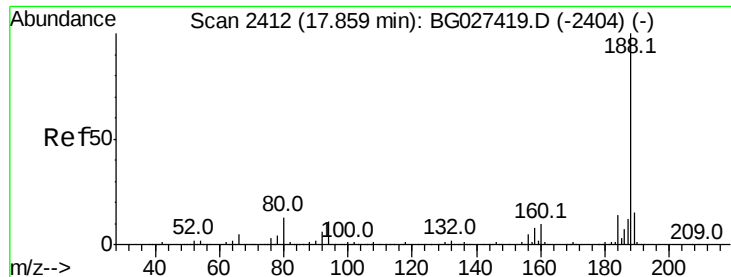
#44
 2-Fluorobiphenyl
 Concen: 90.58 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG027455.D
 Acq: 15 Jun 2017 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.1	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: 20.00 ng

RT: 17.86 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG027455.D

Acq: 15 Jun 2017 23:42

Instrument :

BNA_G

ClientSampled :

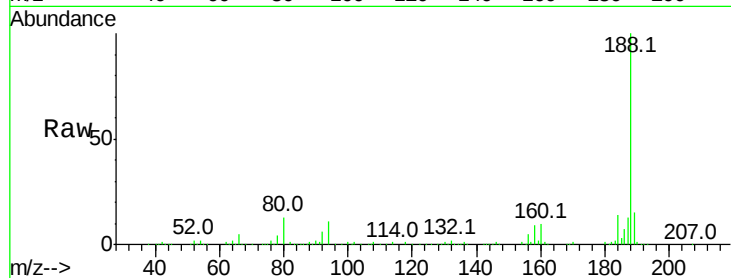
Tot Ion:188 Resp: 315897

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

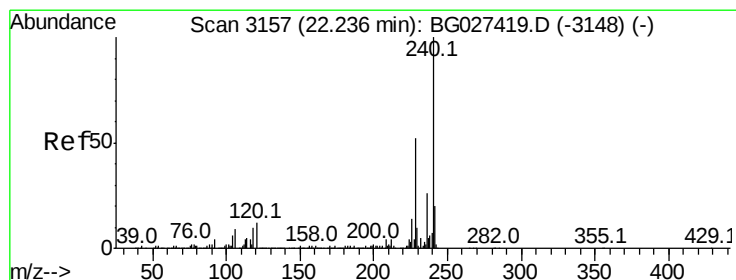
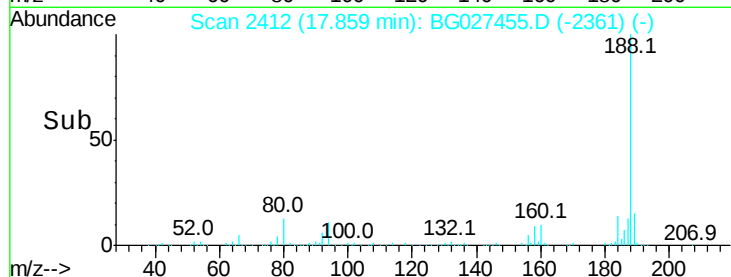
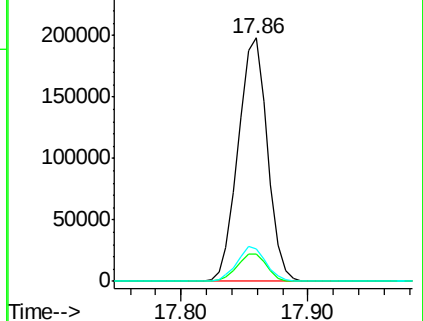
80 13.3 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG027455.D

Acq: 15 Jun 2017 23:42

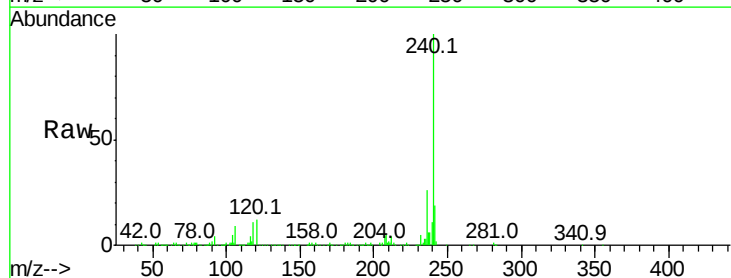
Tgt Ion:240 Resp: 374414

Ion Ratio Lower Upper

240 100

120 11.9 5.7 8.5#

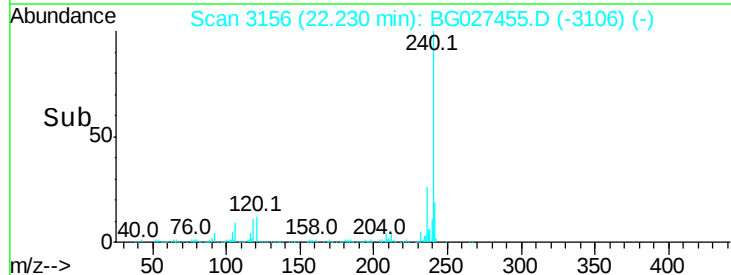
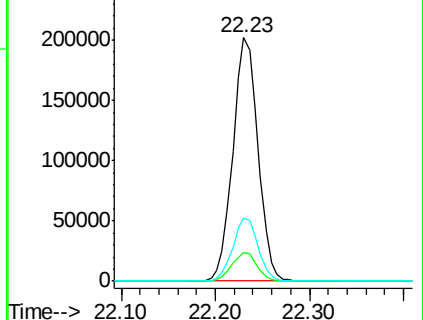
236 25.9 22.2 33.4

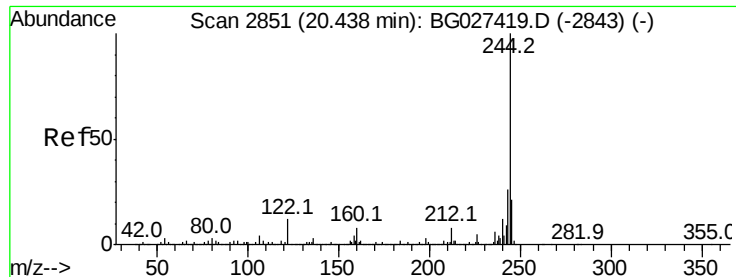


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.00 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027455.D

Acq: 15 Jun 2017 23:42

Instrument :

BNA_G

ClientSampled :

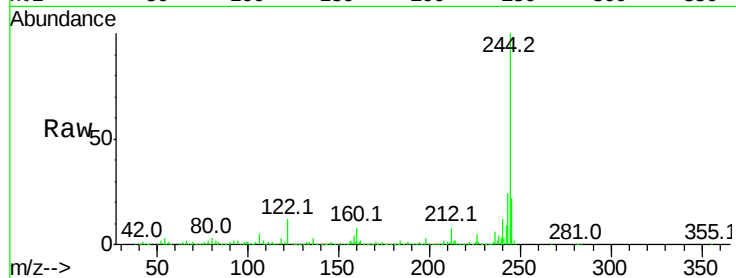
Tot Ion:244 Resp: 1490107

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	12.0	8.6	12.8

244 100

212 8.0 10.0 15.0#

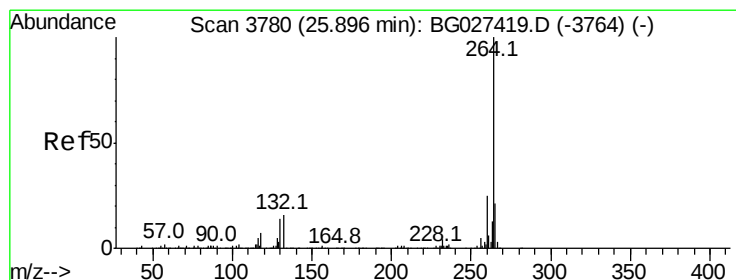
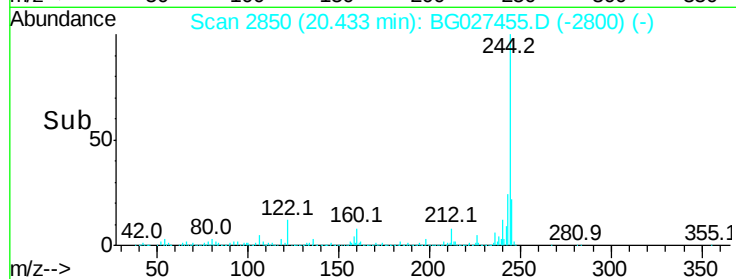
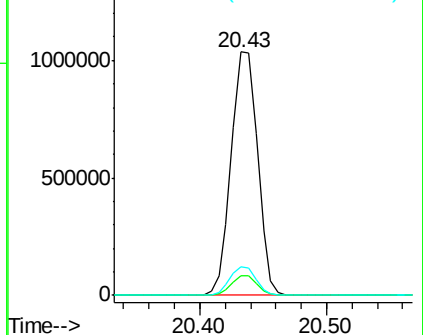
122 12.0 8.6 12.8



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: 25.89 min Scan# 3779

Delta R.T. -0.01 min

Lab File: BG027455.D

Acq: 15 Jun 2017 23:42

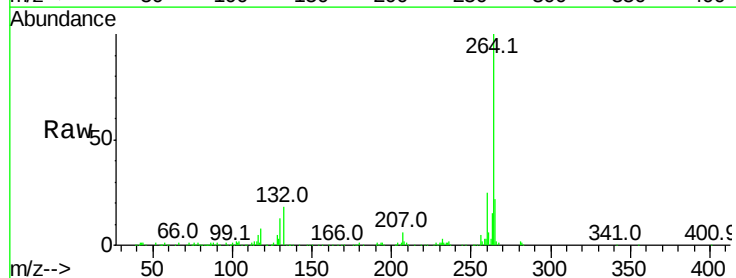
Tgt Ion:264 Resp: 359496

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	22.3	18.2	27.4

264 100

260 24.6 21.8 32.8

265 22.3 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

