

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 :
 PB99795TB

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

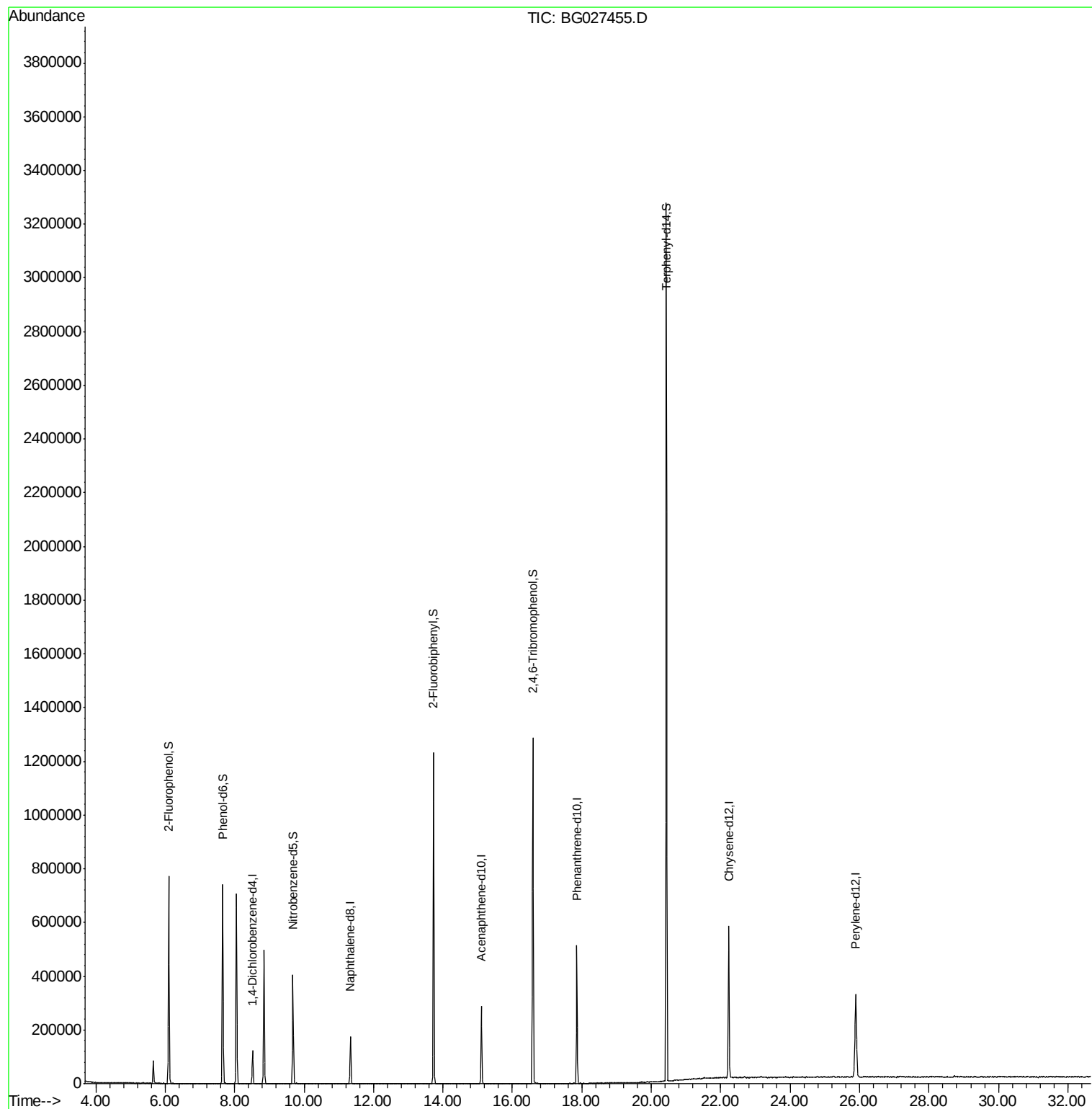
Target Compounds	Qvalue
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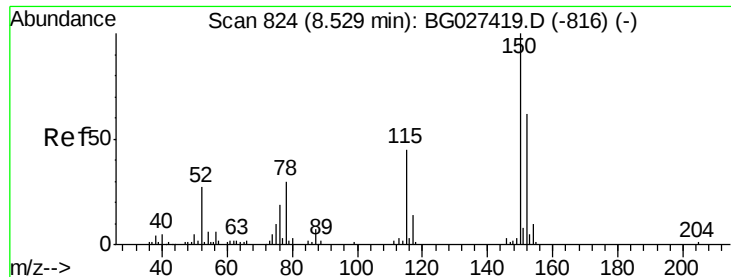
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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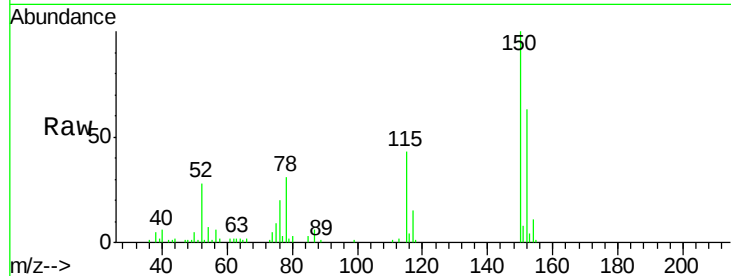


#1

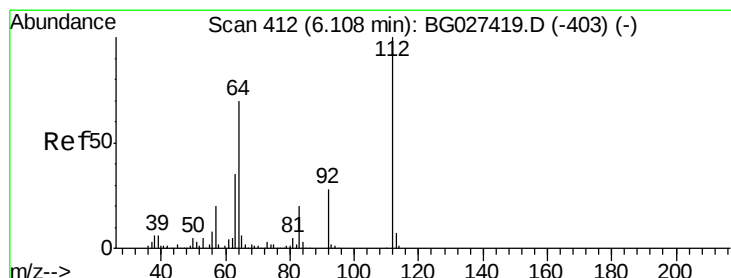
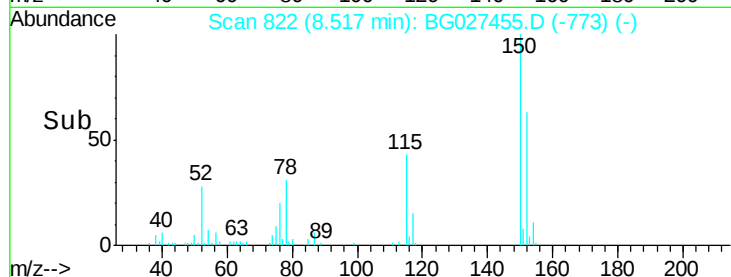
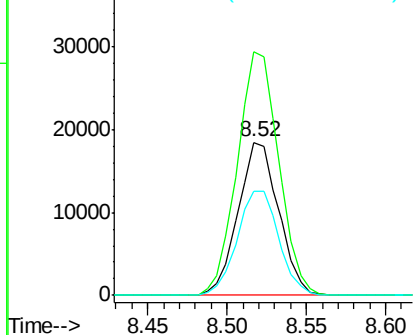
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

Instrument :
BNA_G
ClientSampleId :
PB99795TB

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



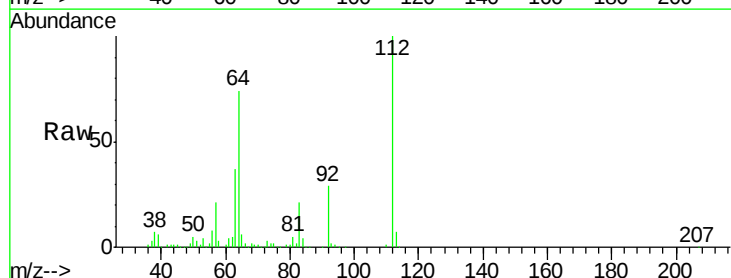
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



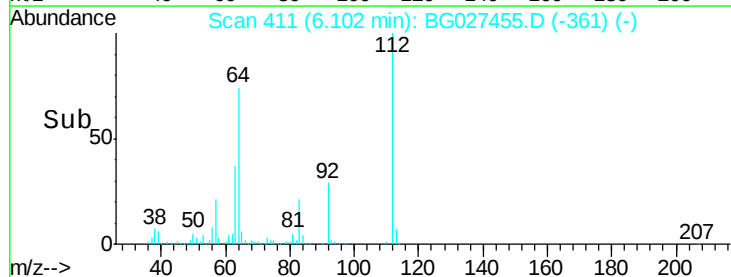
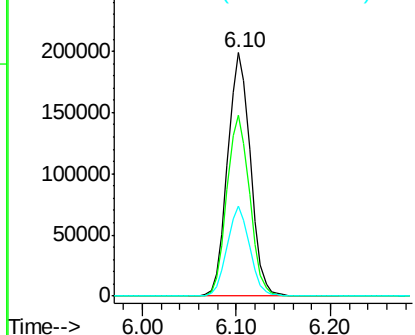
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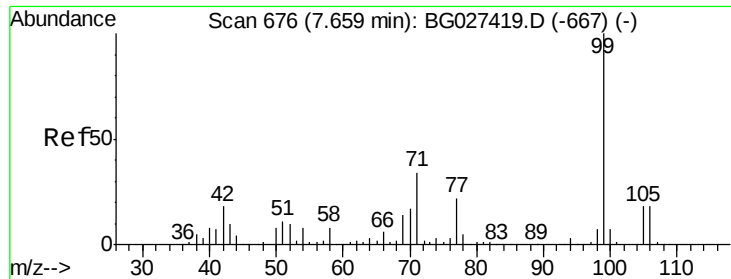
2-Fluorophenol
Concen: 144.158 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

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





#7

Phenol-d6

Concen: 130.697 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 :

PB99795TB

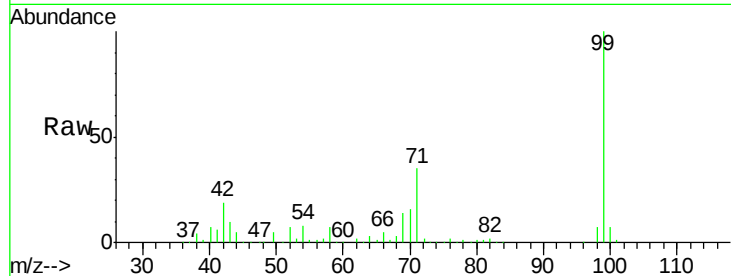
Tgt Ion: 99 Resp: 466195

Ion Ratio Lower Upper

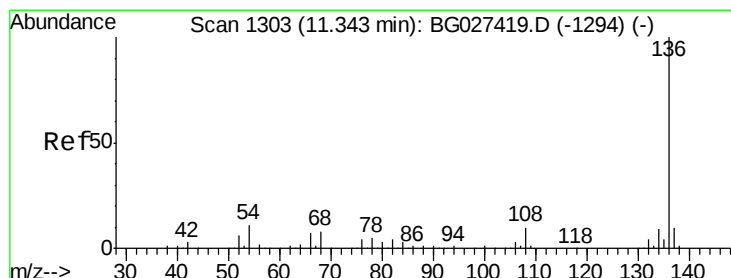
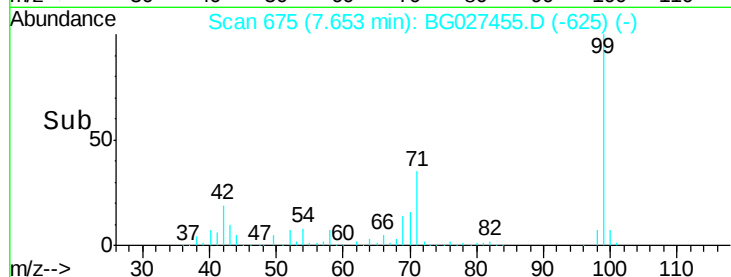
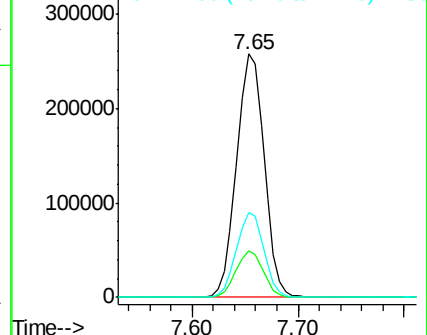
99 100

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: 20.000 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

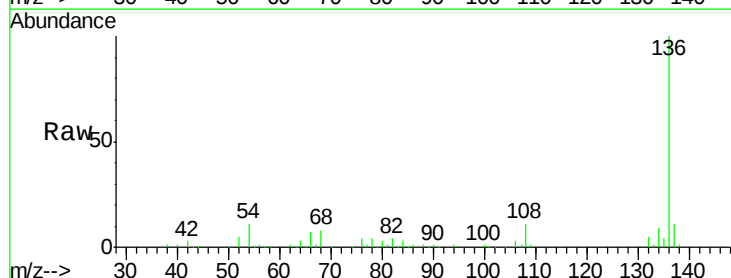
Ion Ratio Lower Upper

136 100

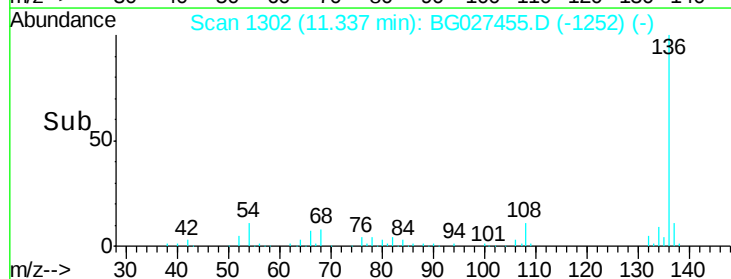
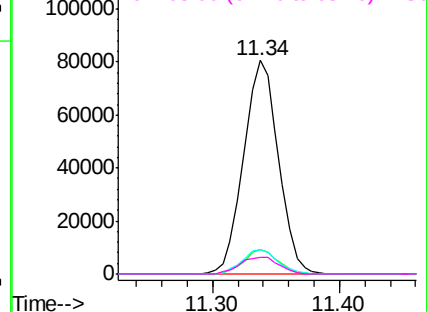
137 11.3 8.9 13.3

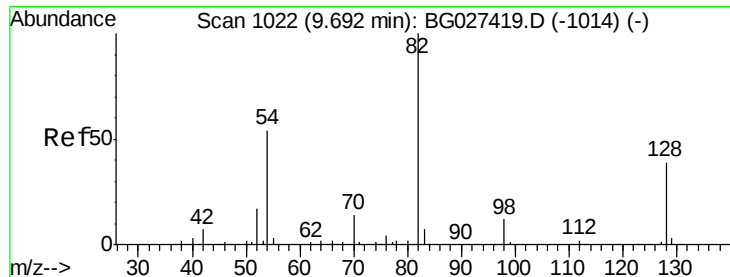
54 11.2 9.3 13.9

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

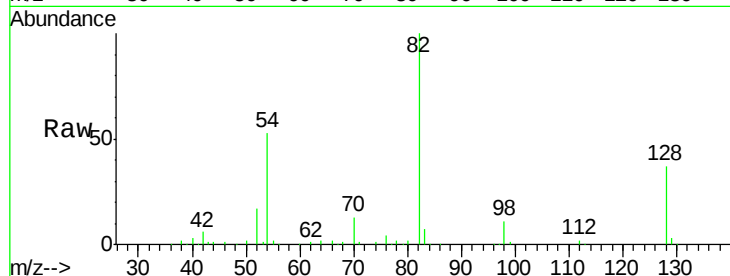




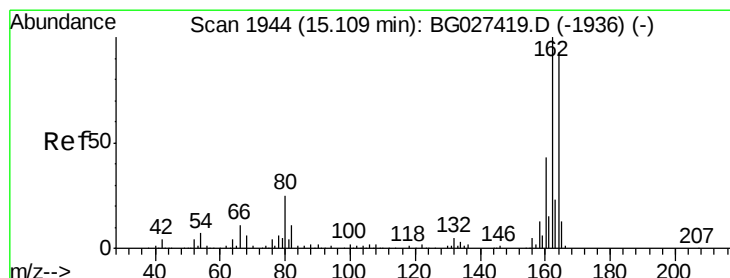
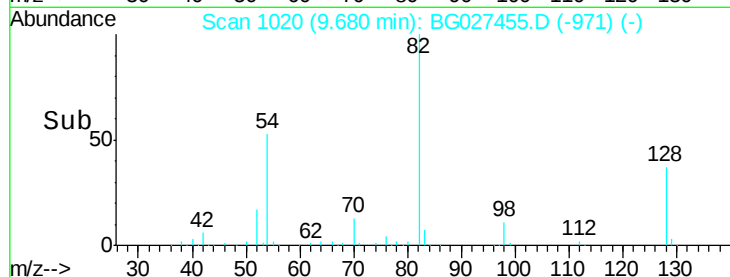
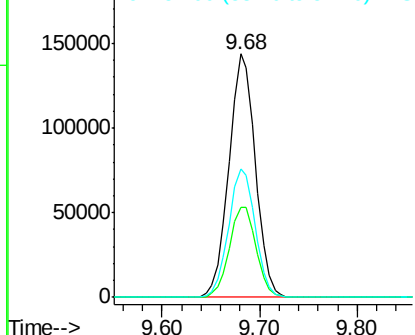
#23
 Nitrobenzene-d5
 Concen: 89.643 ng
 RT: 9.68 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027455.D
 Acq: 15 Jun 2017 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB99795TB

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

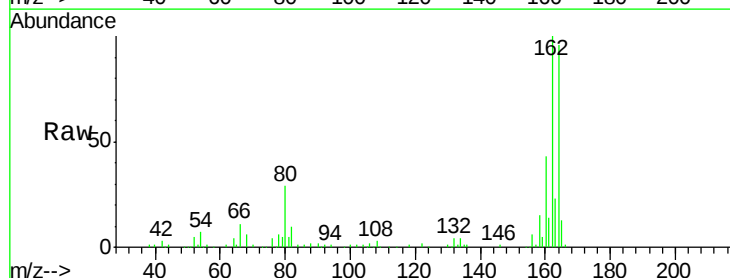


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

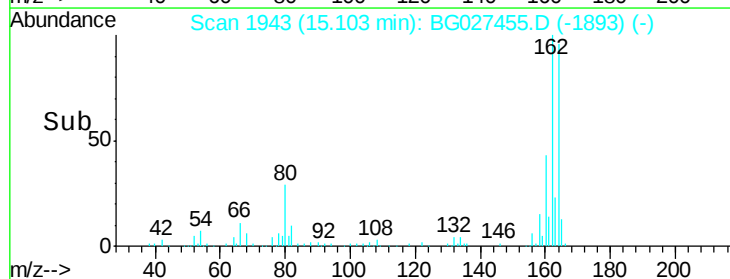
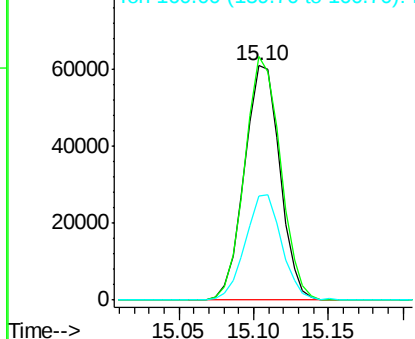


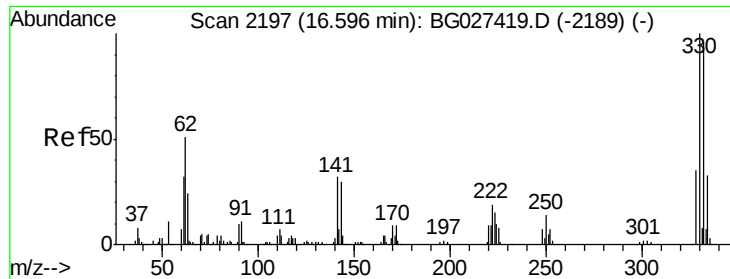
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.10 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG027455.D
 Acq: 15 Jun 2017 23:42

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

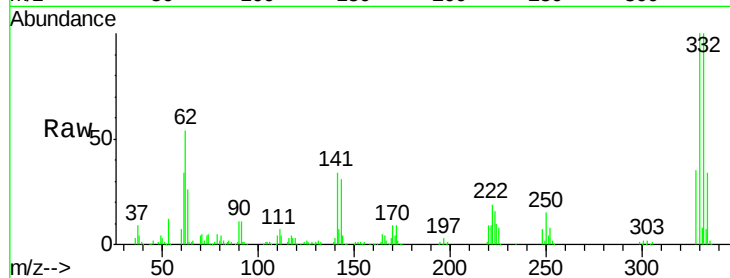




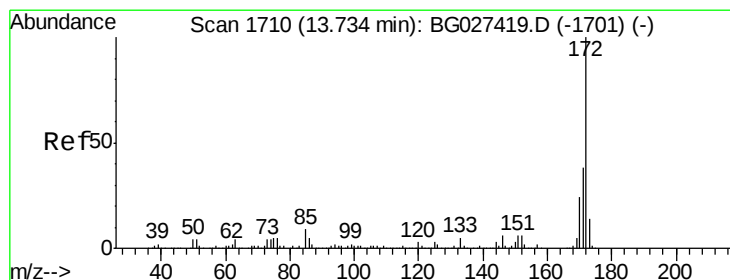
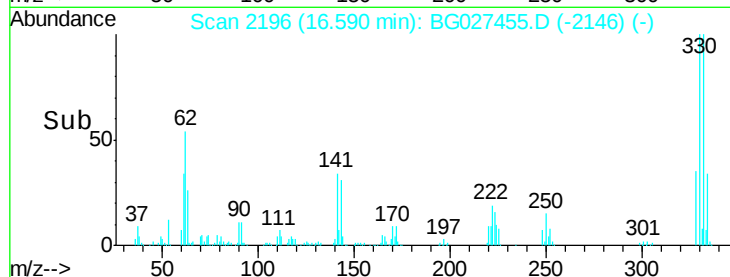
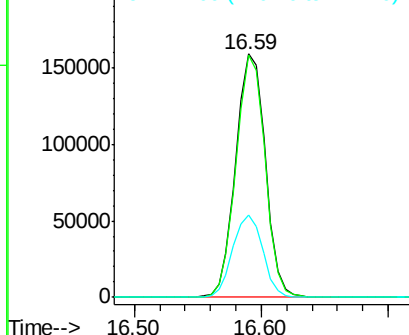
#41
 2,4,6-Tribromophenol
 Concen: 172.076 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG027455.D
 Acq: 15 Jun 2017 23:42

Instrument :
 BNA_G
 ClientSampleId :
 PB99795TB

Tgt Ion:330 Resp: 258089
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 34.0 32.1 48.1

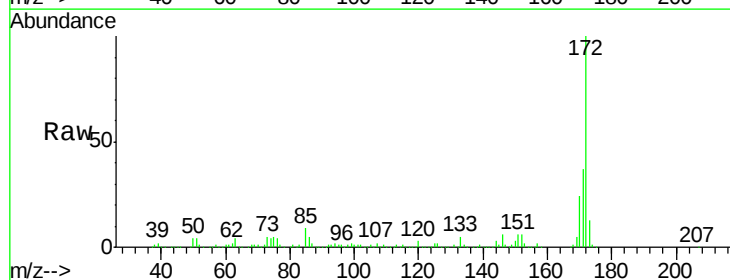


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

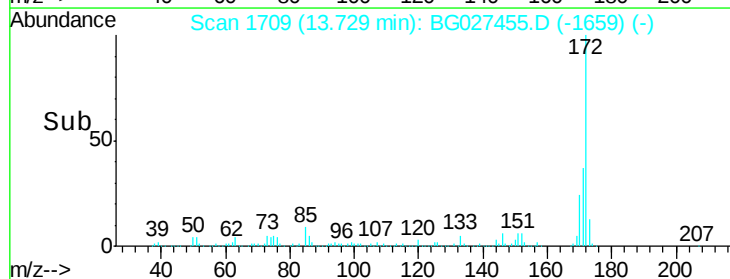
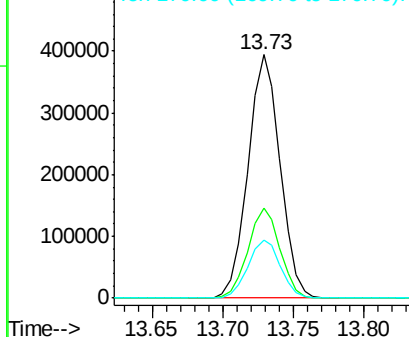


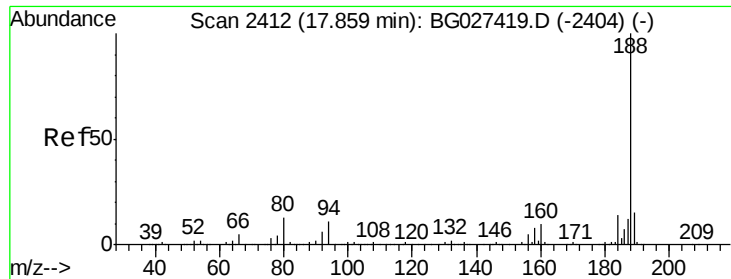
#44
 2-Fluorobiphenyl
 Concen: 90.581 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG027455.D
 Acq: 15 Jun 2017 23:42

Tgt Ion:172 Resp: 626610
 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

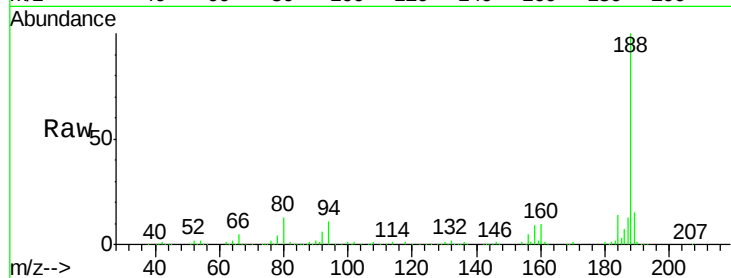




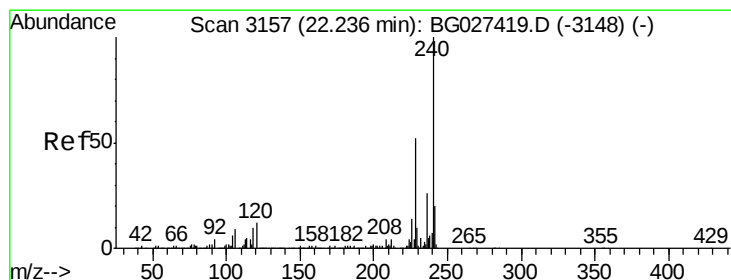
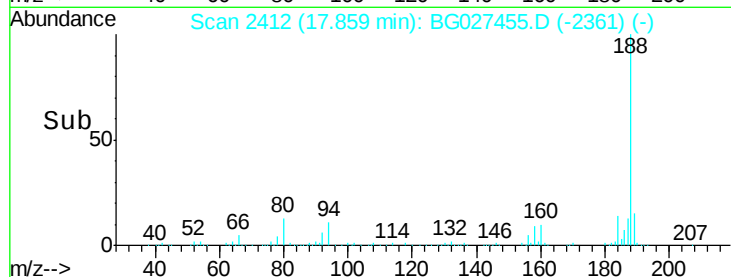
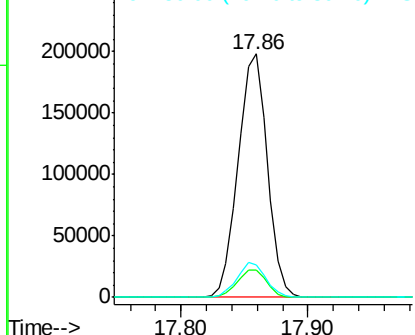
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.86 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

Instrument :
BNA_G
ClientSampleId :
PB99795TB

Tgt Ion:188 Resp: 315897
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 13.3 7.5 11.3#

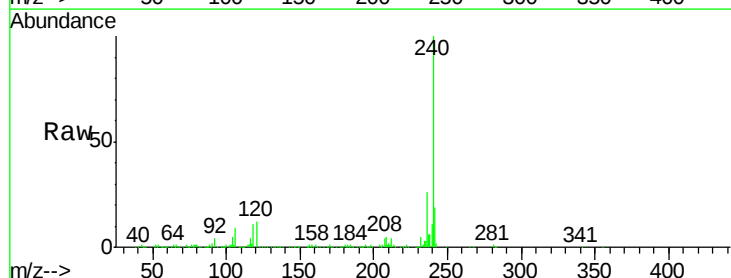


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

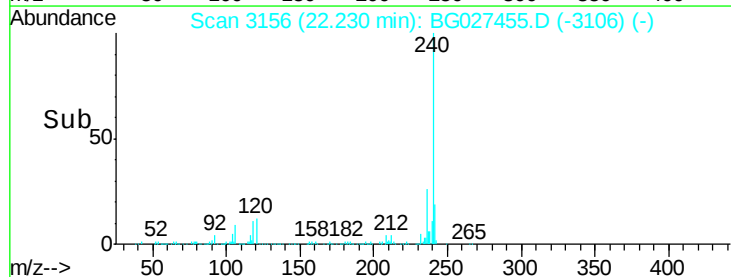
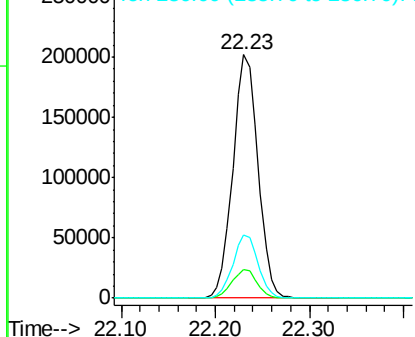


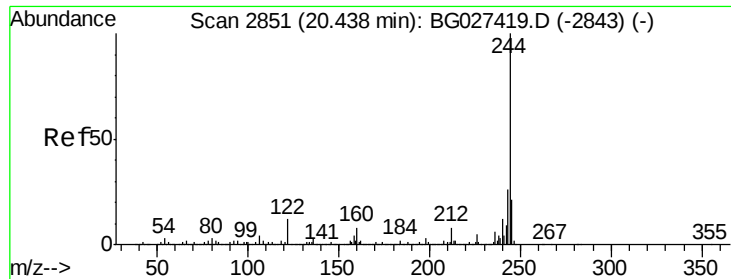
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG027455.D
Acq: 15 Jun 2017 23:42

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: 102.004 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

ClientSampleId :

PB99795TB

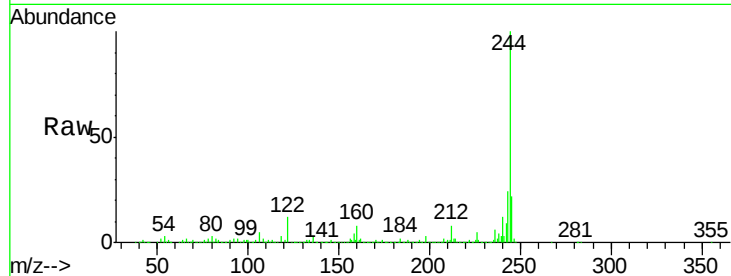
Tgt Ion:244 Resp: 1490107

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

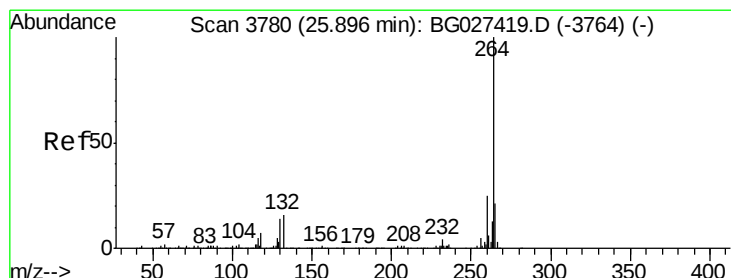
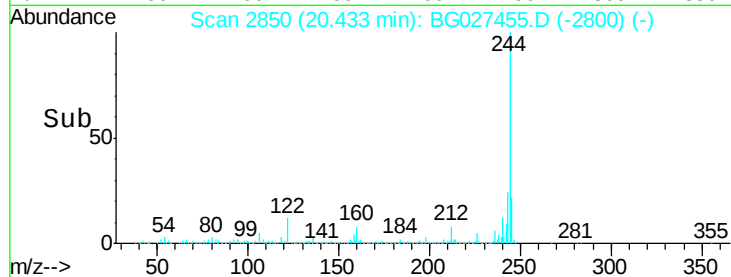
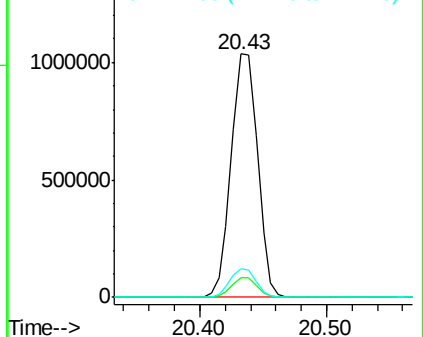
122 12.0 8.6 12.8



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: 20.000 ng

RT: 25.89 min Scan# 3779

Delta R.T. -0.01 min

Lab File: BG027455.D

Acq: 15 Jun 2017 23:42

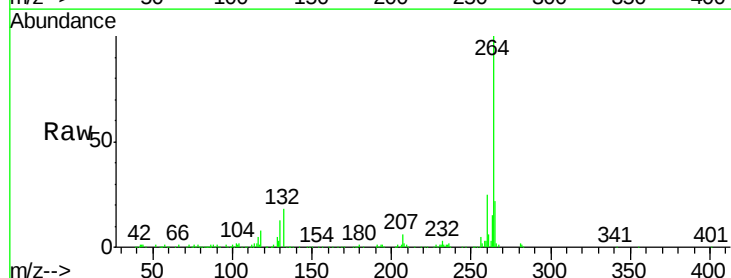
Tgt Ion:264 Resp: 359496

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 22.3 18.2 27.4



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

