

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028719.D
 Acq On : 14 Sep 2017 6:04
 Operator : SJ/JU
 Sample : I5172-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 09:07:29 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

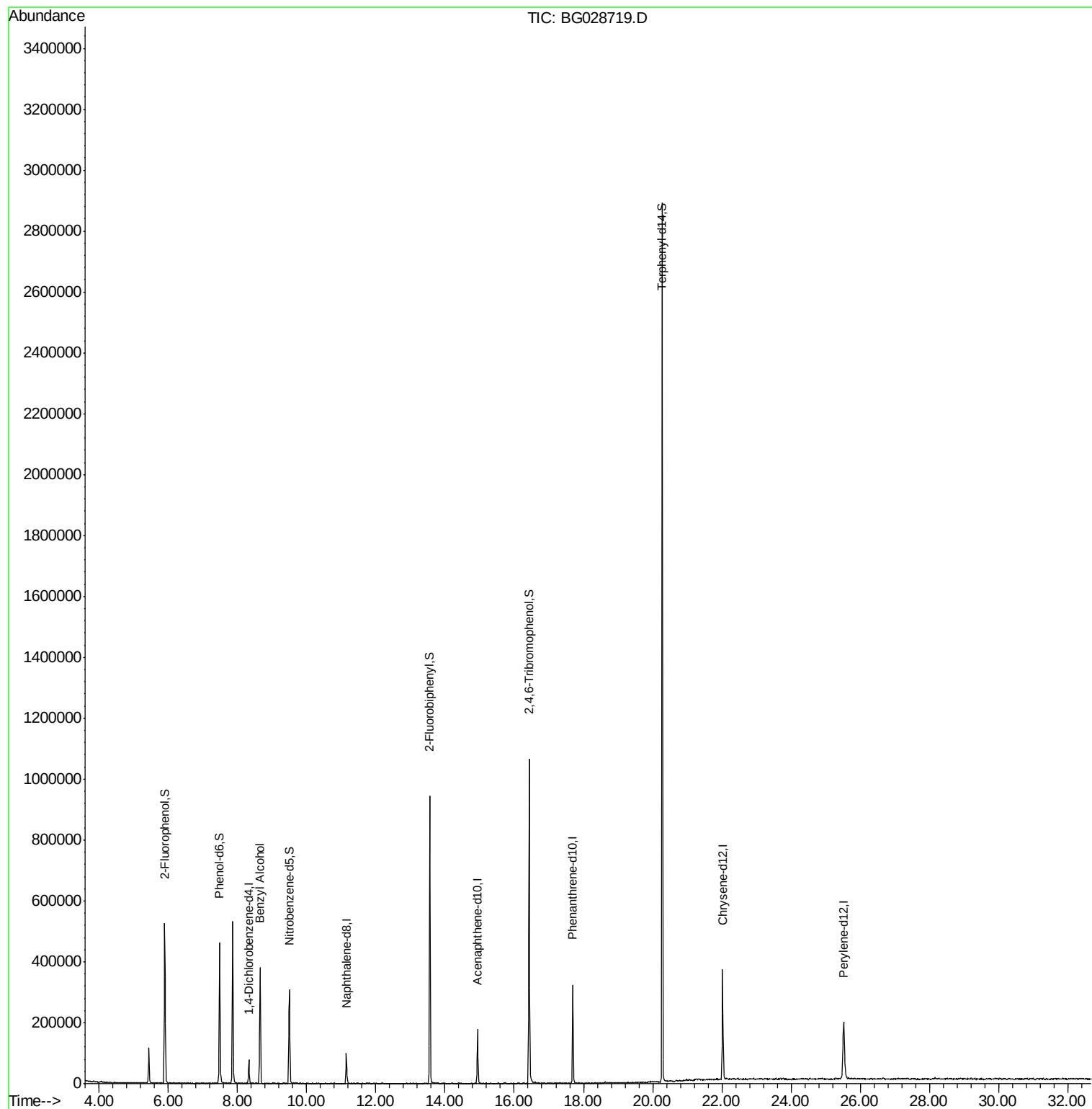
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	22554	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	88917	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	66206	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	218679	20.00	ng	0.00
75) Chrysene-d12	22.02	240	261048	20.00	ng	0.00
86) Perylene-d12	25.52	264	260652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	222231	162.58	ng	0.00
7) Phenol-d6	7.49	99	281672	136.87	ng	0.00
23) Nitrobenzene-d5	9.50	82	206026	110.84	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	232391	212.23	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	531994	107.15	ng	0.00
78) Terphenyl-d14	20.28	244	1339709	109.44	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.65	79	3309	2.060	ng	Qvalue # 76

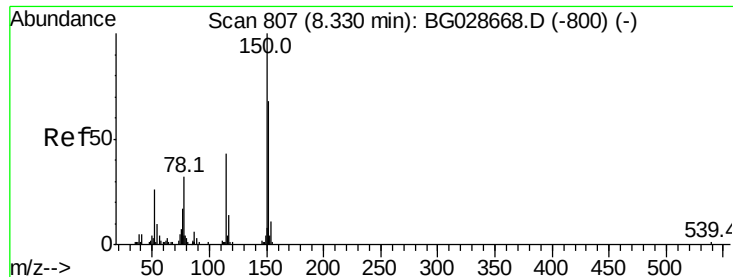
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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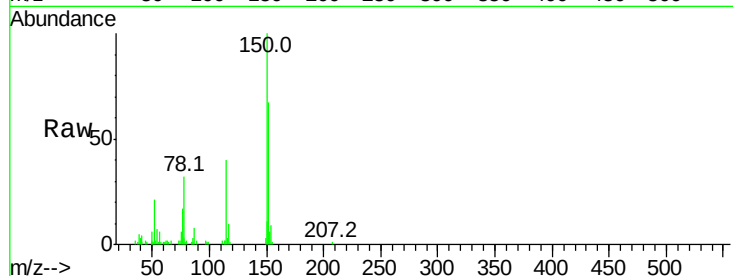


#1

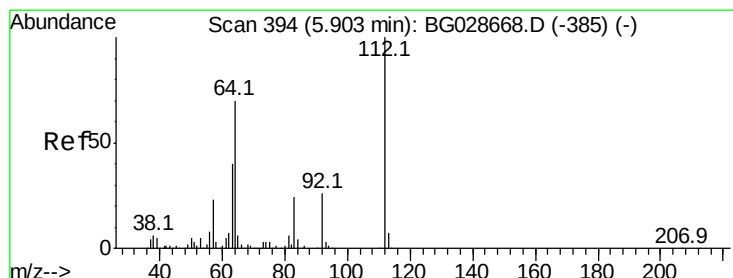
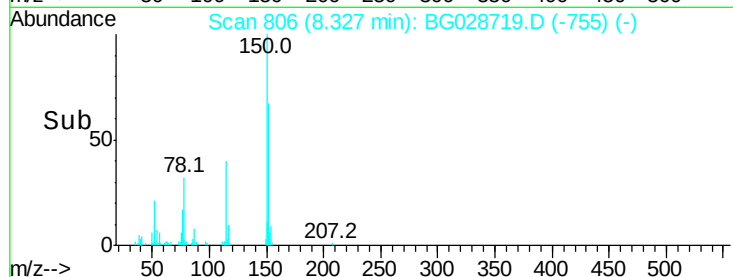
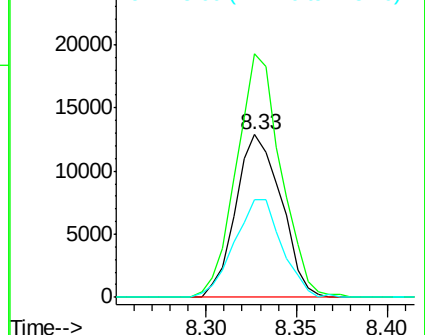
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22554
Ion Ratio Lower Upper
152 100
150 149.7 114.0 171.0
115 59.7 48.1 72.1



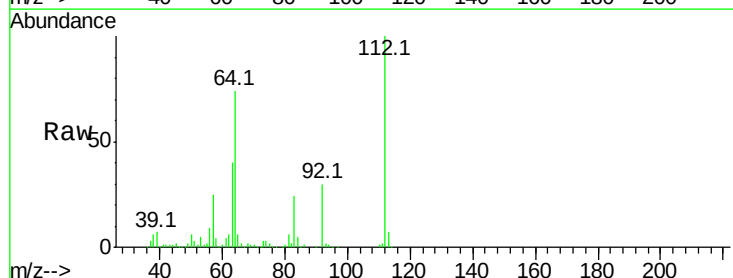
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



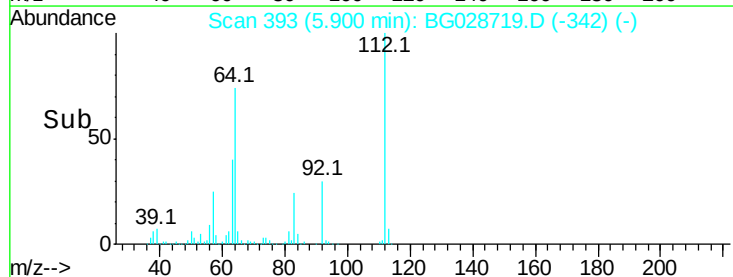
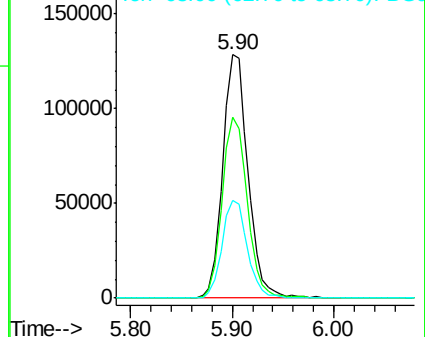
#5

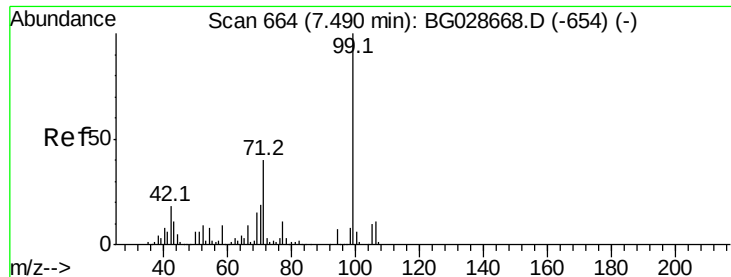
2-Fluorophenol
Concen: 162.584 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

Tgt Ion:112 Resp: 222231
Ion Ratio Lower Upper
112 100
64 74.1 61.8 92.6
63 40.0 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: 136.868 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Instrument :

BNA_G

ClientSampleId :

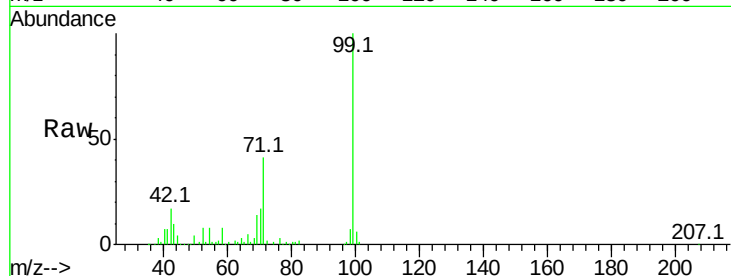
Tot Ion: 99 Resp: 281672

Ion Ratio Lower Upper

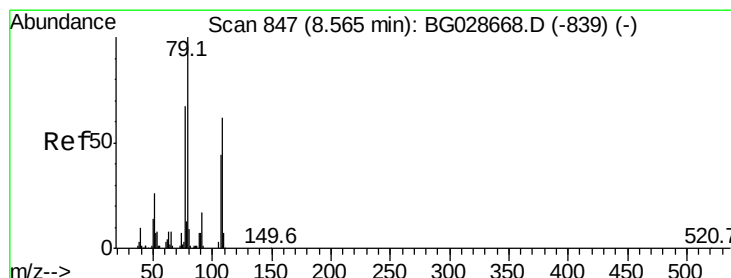
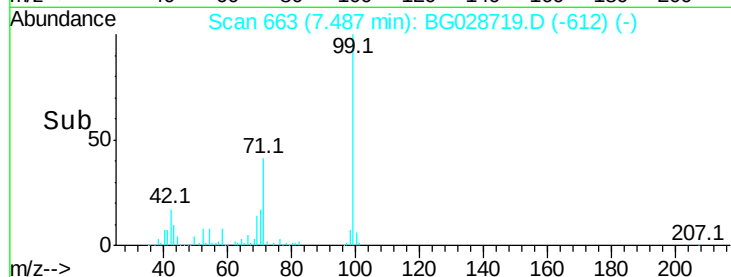
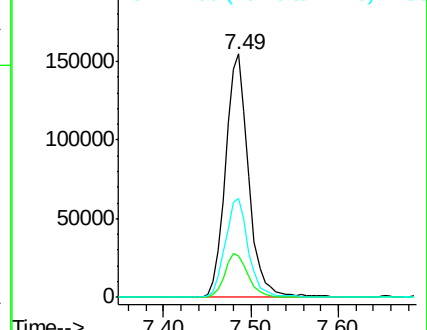
99 100

42 16.8 20.5 30.7#

71 40.6 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



#15

Benzyl Alcohol

Concen: 2.060 ng

RT: 8.65 min Scan# 861

Delta R.T. 0.09 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

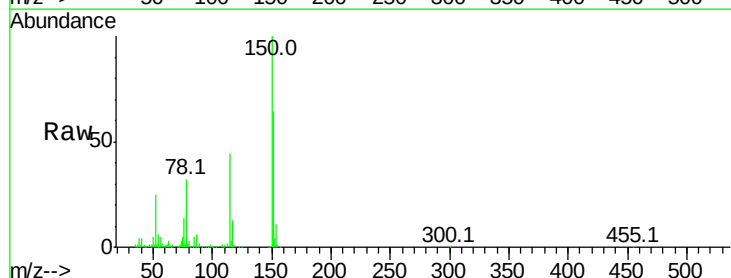
Tgt Ion: 79 Resp: 3309

Ion Ratio Lower Upper

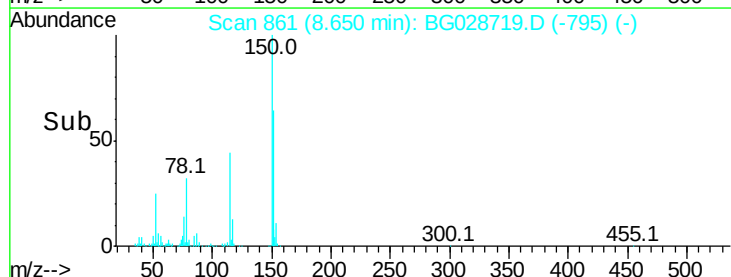
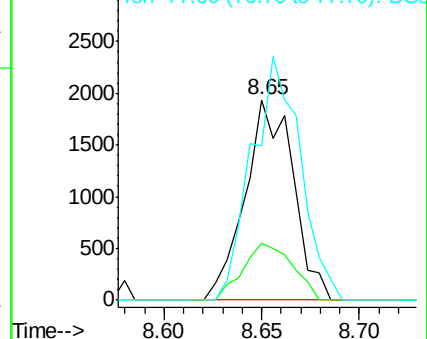
79 100

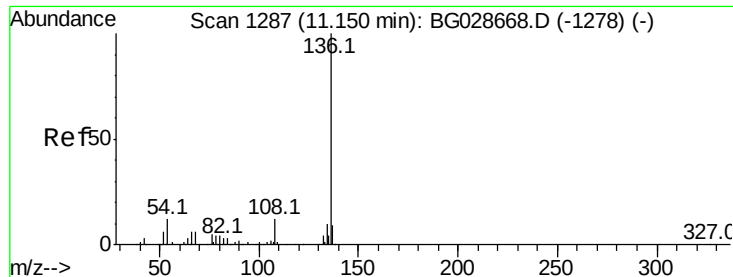
108 28.2 45.5 68.3#

77 76.8 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

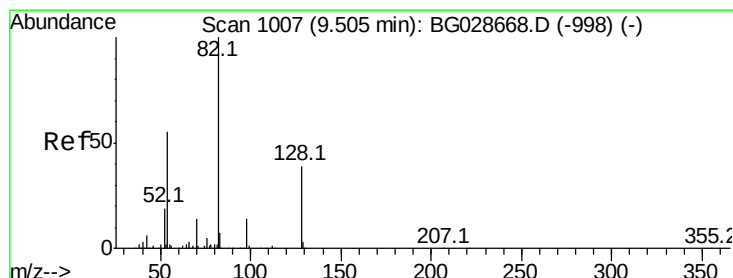
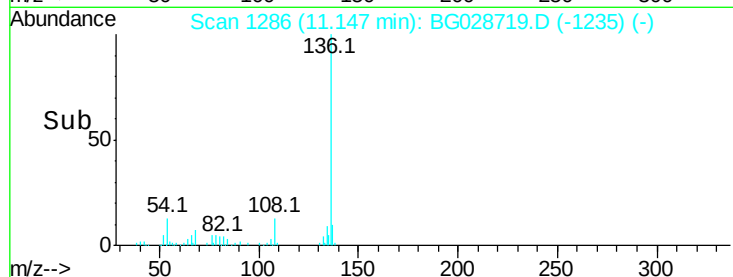
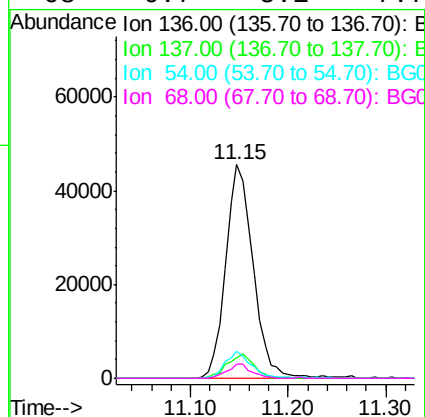
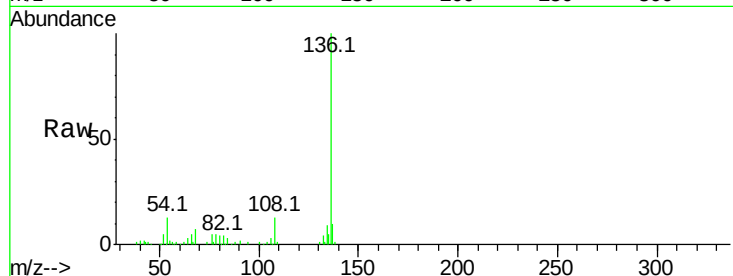




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

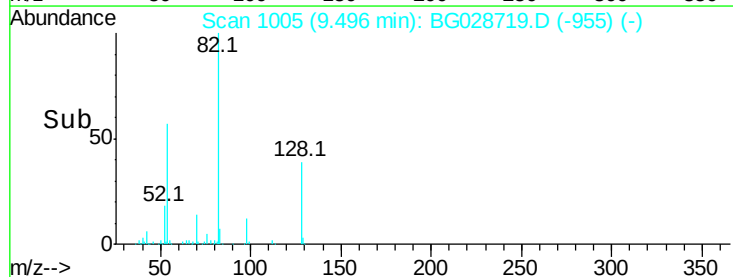
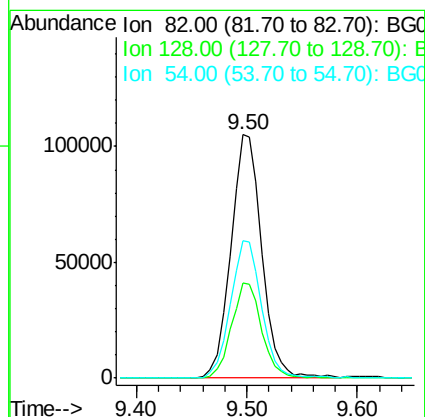
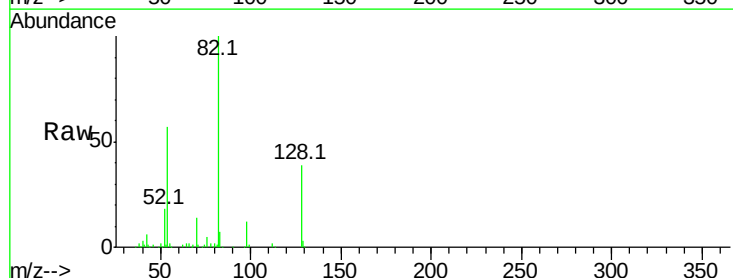
Instrument :
BNA_G
ClientSampleId :

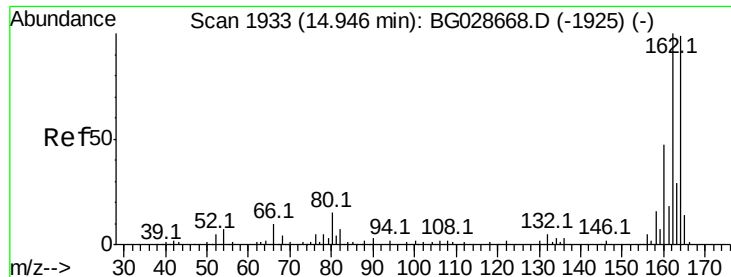
Tot Ion:	136	Resp:	88917
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.9	13.3
54	12.6	9.3	13.9
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 110.842 ng
RT: 9.50 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

Tgt Ion:	82	Resp:	206026
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	56.6	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Instrument :

BNA_G

ClientSampleId :

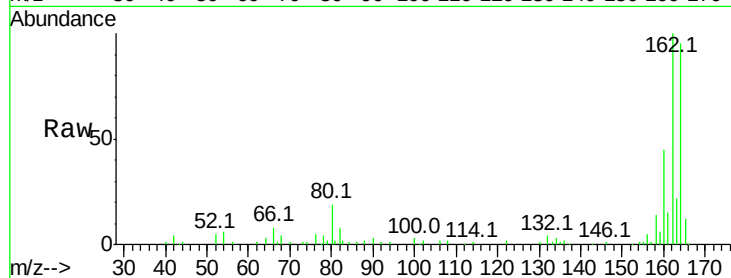
Tot Ion:164 Resp: 66206

Ion Ratio Lower Upper

164 100

162 105.0 85.1 127.7

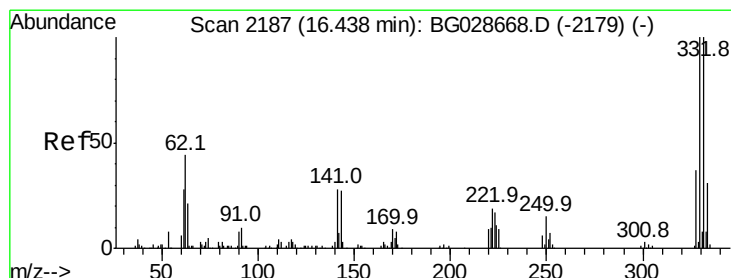
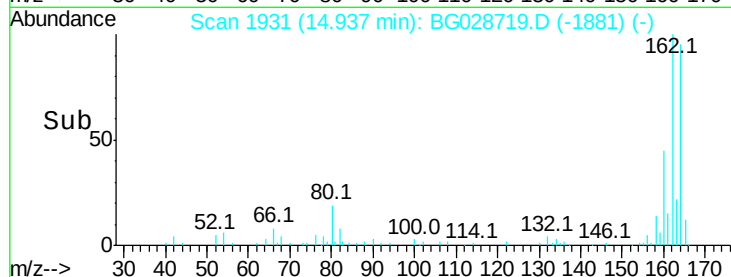
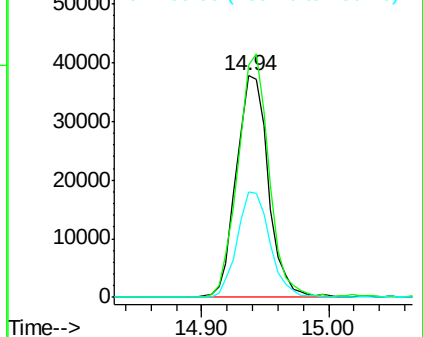
160 47.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 212.228 ng

RT: 16.43 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

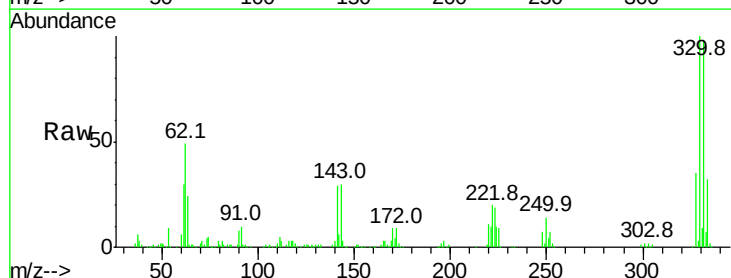
Tgt Ion:330 Resp: 232391

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

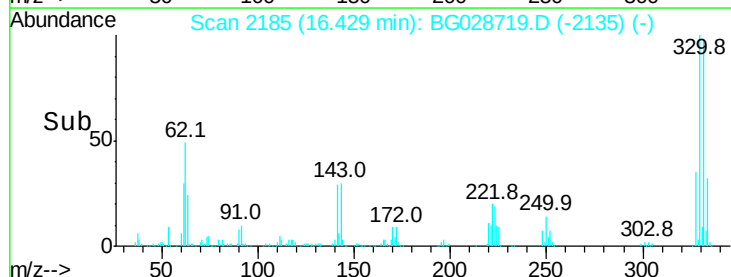
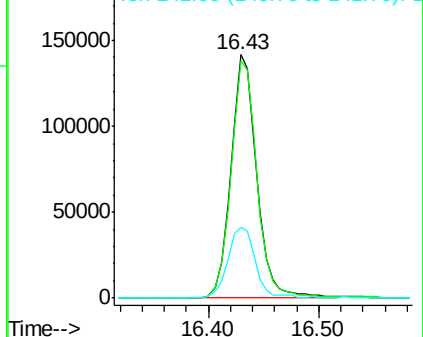
141 31.2 32.1 48.1#

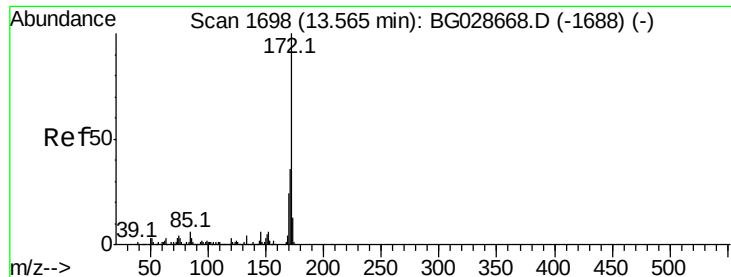


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

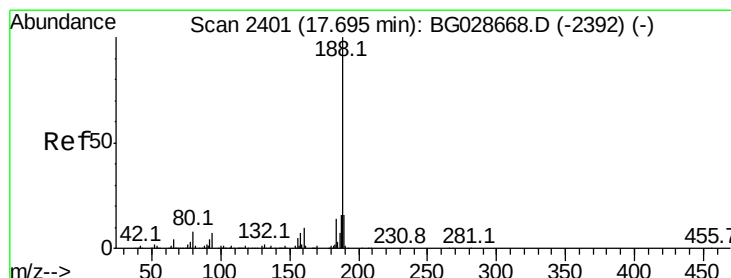
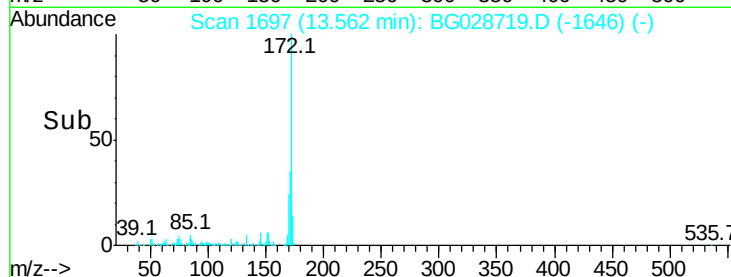
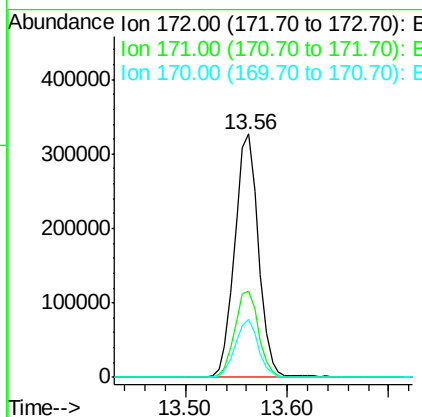
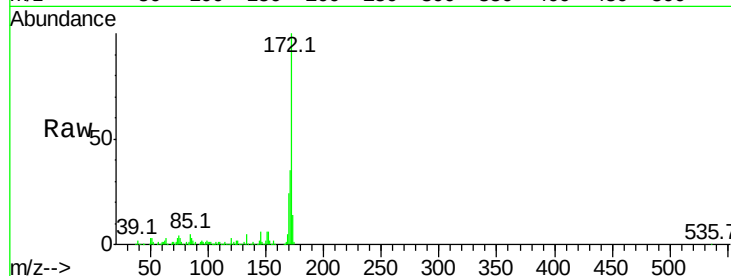




#44
2-Fluorobiphenyl
Concen: 107.146 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

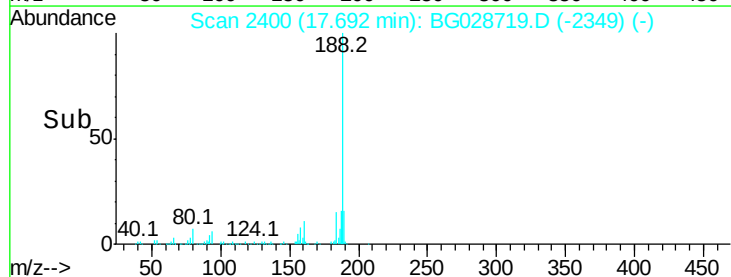
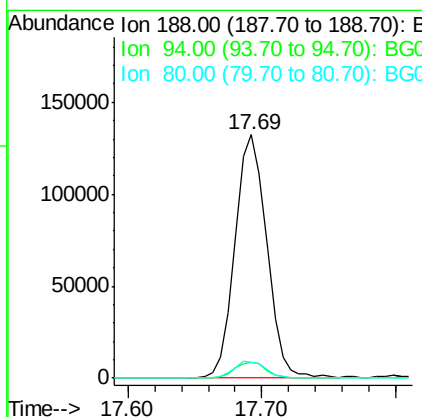
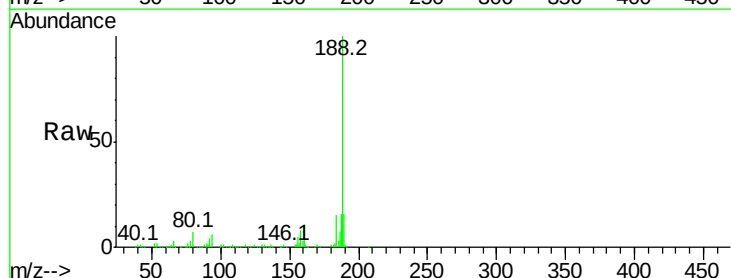
Instrument :
BNA_G
ClientSampleId :

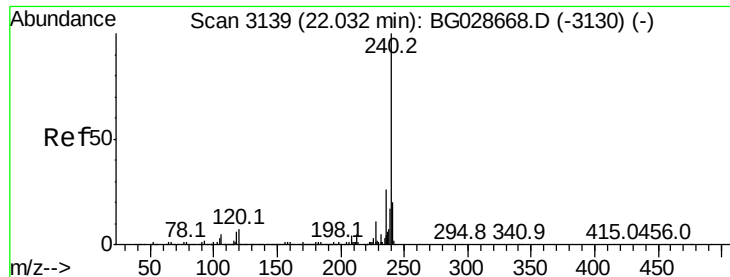
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	23.9	21.8	32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	6.7	7.5	11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

Instrument :

BNA_G

ClientSampleId :

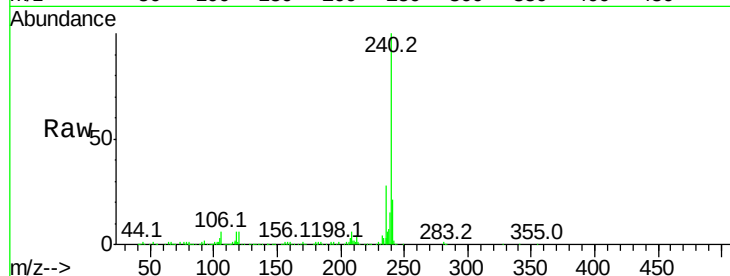
Tot Ion:240 Resp: 261048

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

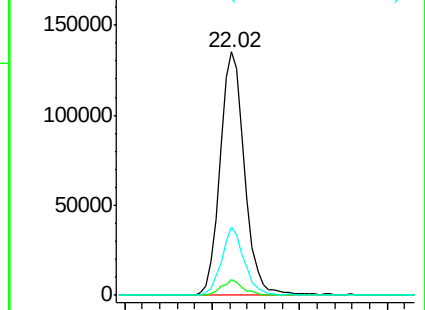
236 27.8 22.2 33.4



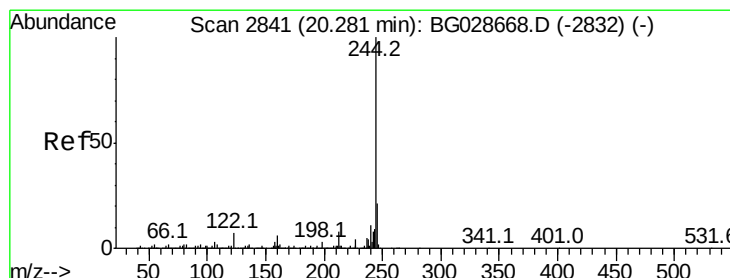
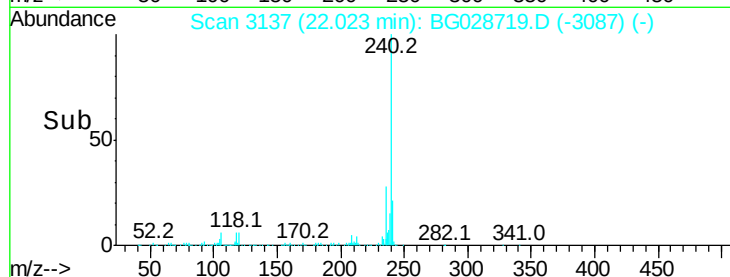
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10 22.20



#78

Terphenyl-d14

Concen: 109.444 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028719.D

Acq: 14 Sep 2017 6:04

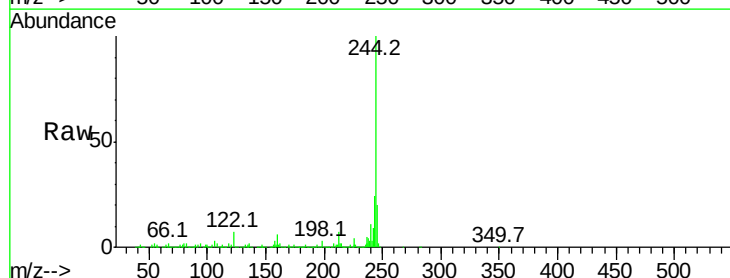
Tgt Ion:244 Resp: 1339709

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

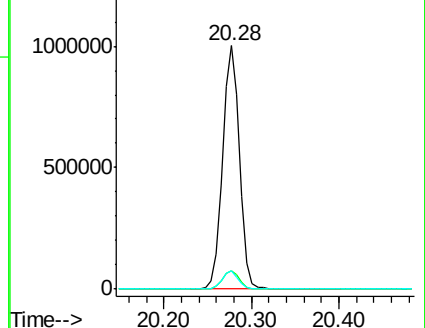
122 7.5 8.6 12.8#



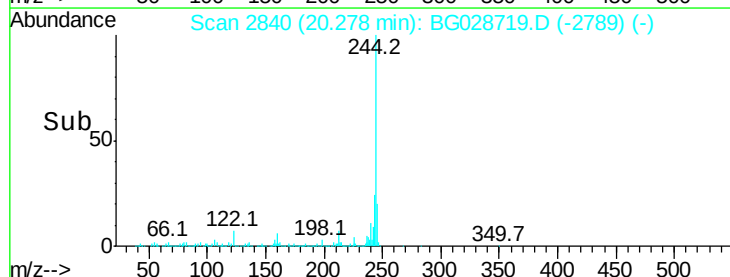
Abundance Ion 244.00 (243.70 to 244.70): E

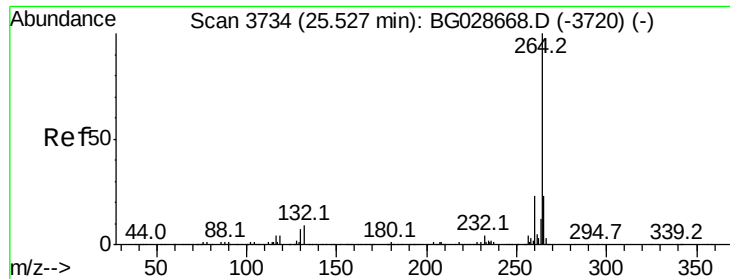
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.20 20.30 20.40

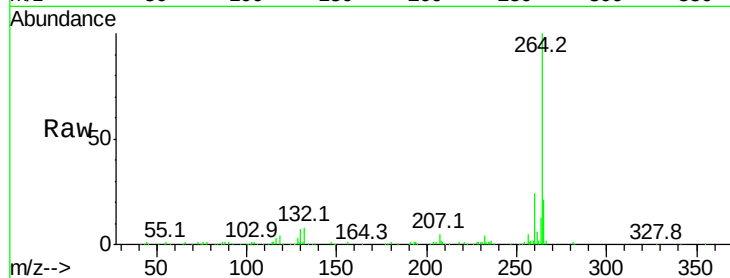




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG028719.D
Acq: 14 Sep 2017 6:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.0	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

