

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028742.D
 Acq On : 14 Sep 2017 21:20
 Operator : SJ/JU
 Sample : I5216-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 07:52:11 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

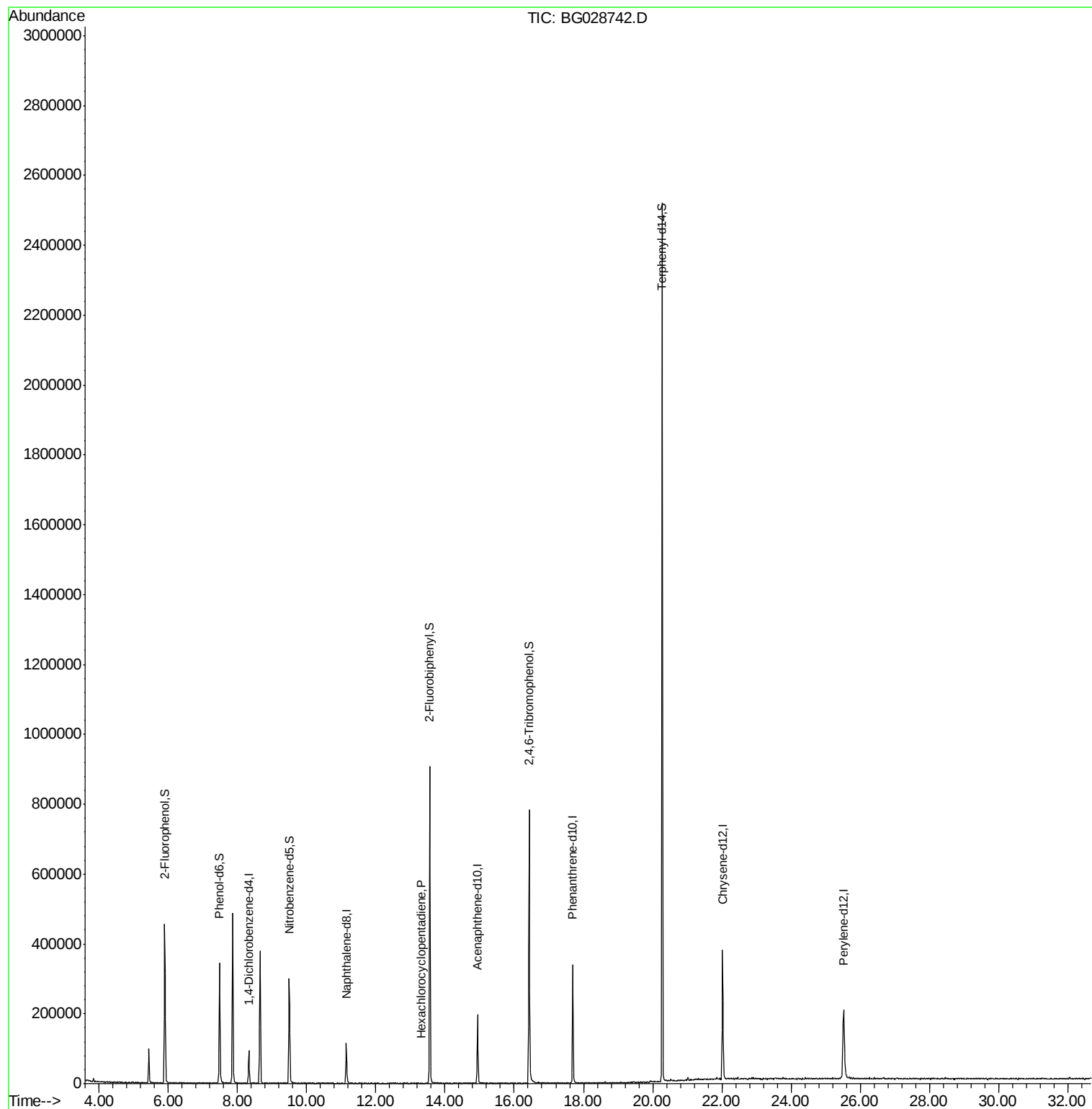
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	27727	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	105190	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	76909	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	227406	20.00	ng	0.00
75) Chrysene-d12	22.02	240	274230	20.00	ng	0.00
86) Perylene-d12	25.52	264	270756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	196817	117.13	ng	0.00
7) Phenol-d6	7.48	99	219827	86.89	ng	0.00
23) Nitrobenzene-d5	9.50	82	196343	89.29	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	188592	148.26	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	510534	88.51	ng	0.00
78) Terphenyl-d14	20.28	244	1163368	90.47	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.32	237	65	7.651	ng	Qvalue # 29

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

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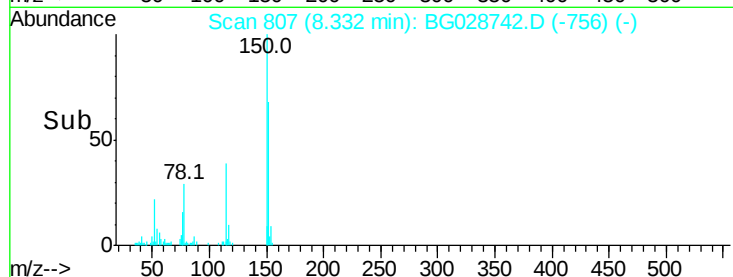
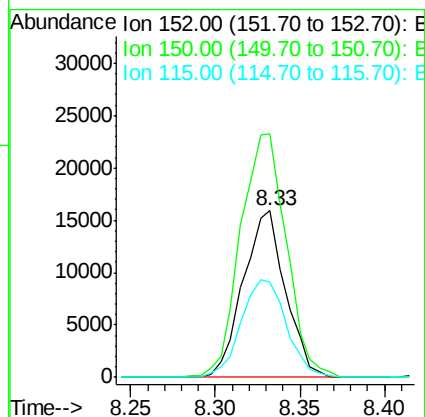
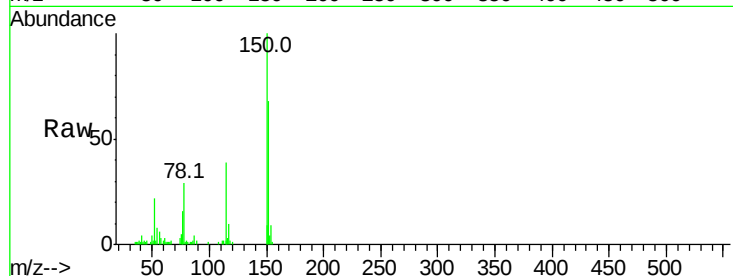


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Instrument :
BNA_G
ClientSampleId :

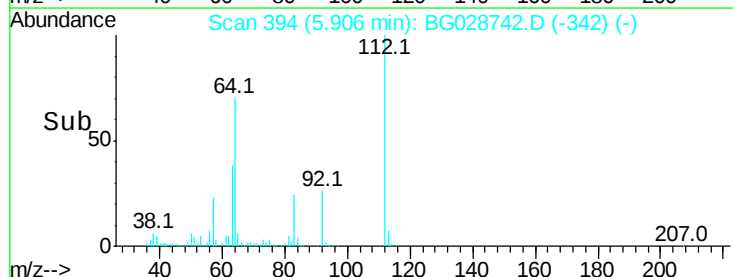
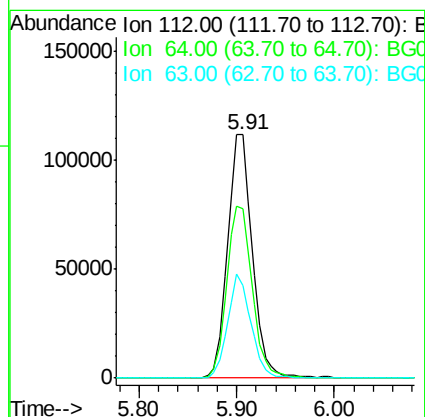
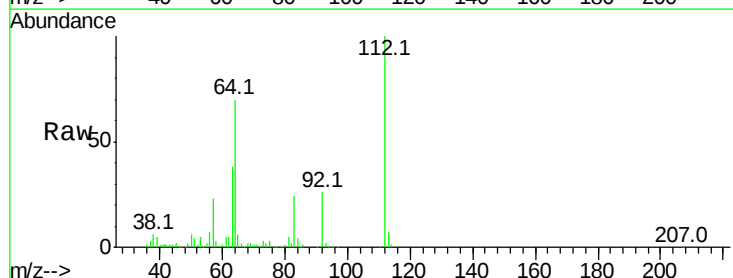
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	114.0	171.0
115	56.9	48.1	72.1

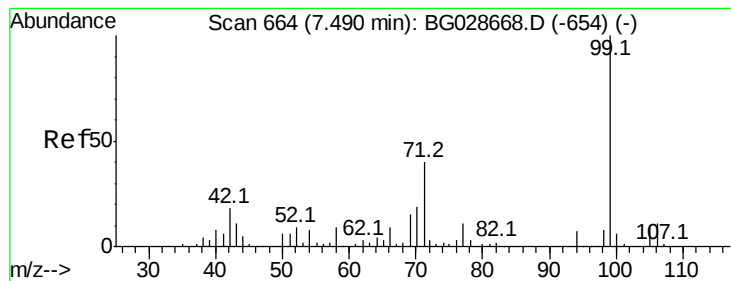


#5

2-Fluorophenol
Concen: 117.127 ng
RT: 5.91 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.8	92.6
63	38.0	37.2	55.8





#7

Phenol-d6

Concen: 86.888 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

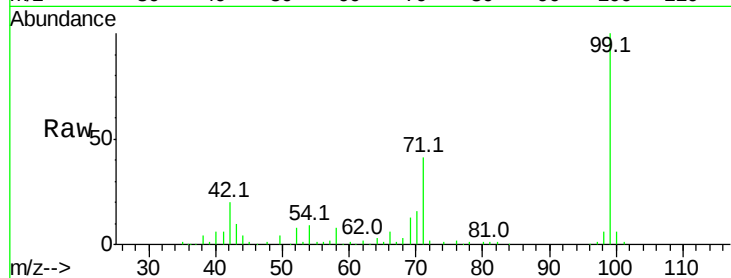
Instrument :

BNA_G

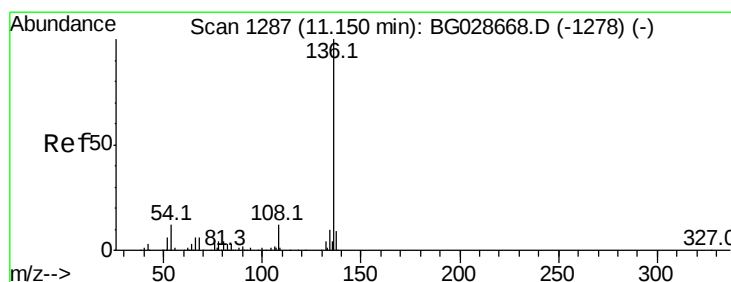
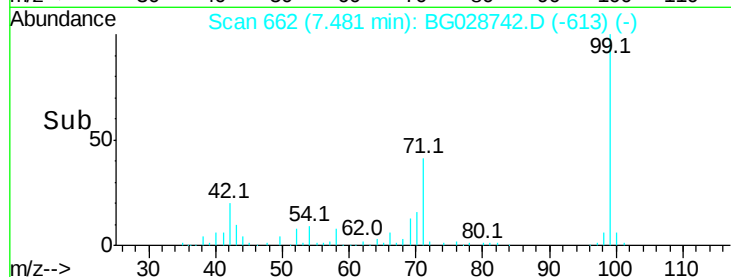
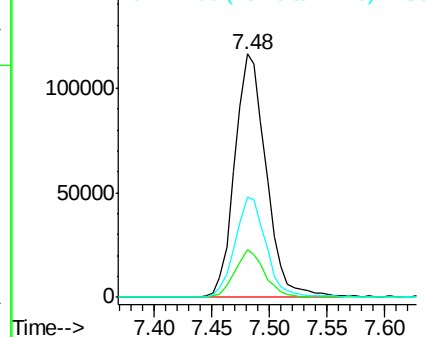
ClientSampleId :

Tot Ion: 99 Resp: 219827

Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.5	30.7#
71	41.1	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# 1286

Delta R.T. -0.00 min

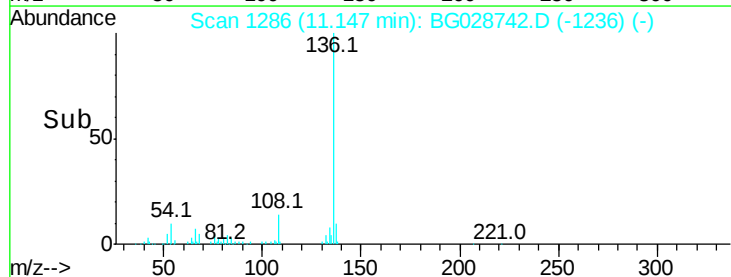
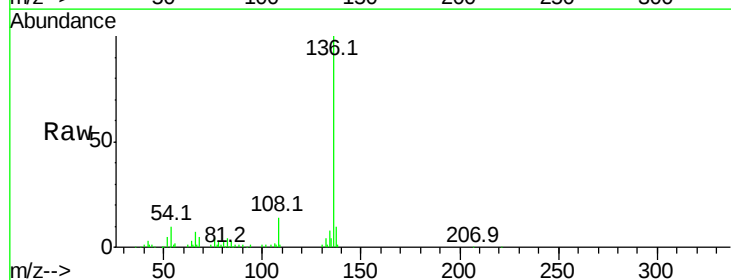
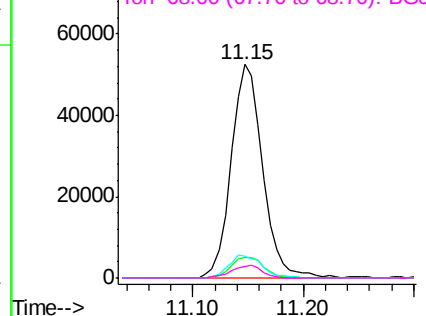
Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Tgt Ion: 136 Resp: 105190

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.9	13.3
54	10.5	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

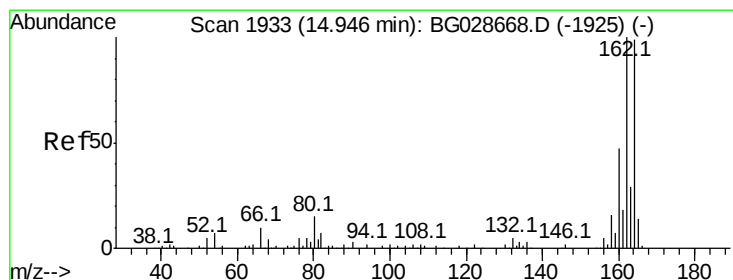
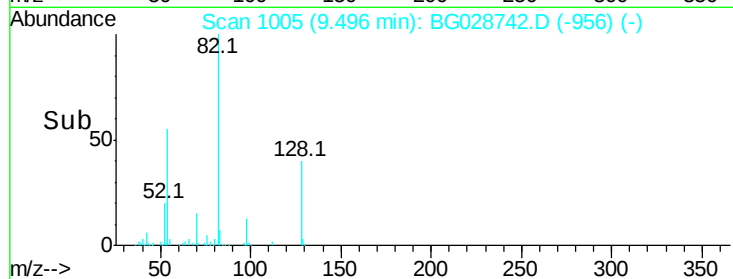
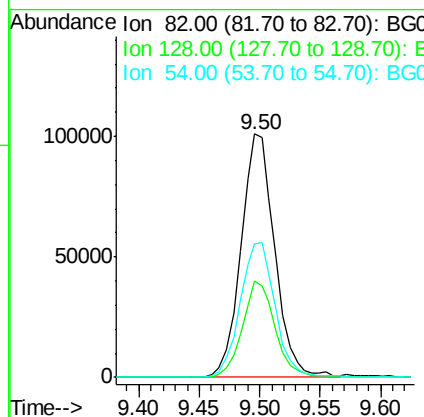
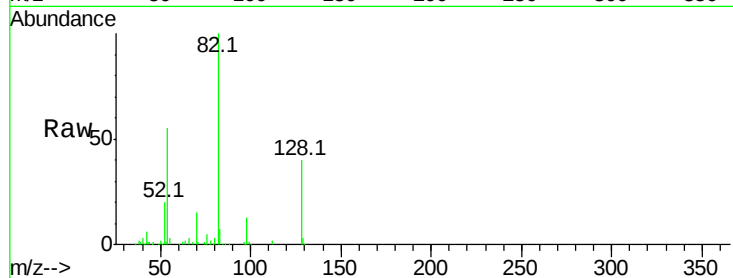




#23
Nitrobenzene-d5
Concen: 89.291 ng
RT: 9.50 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

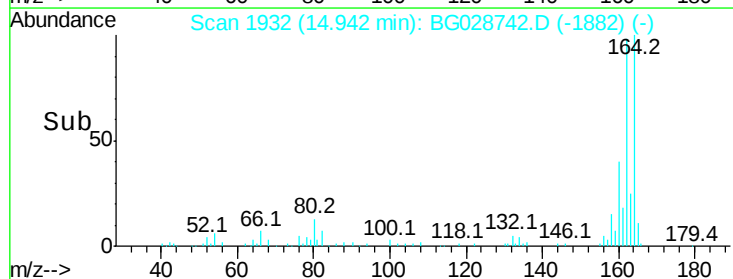
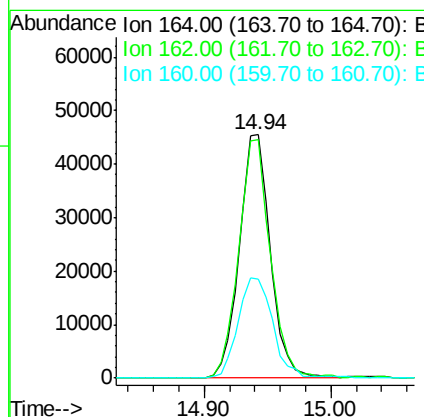
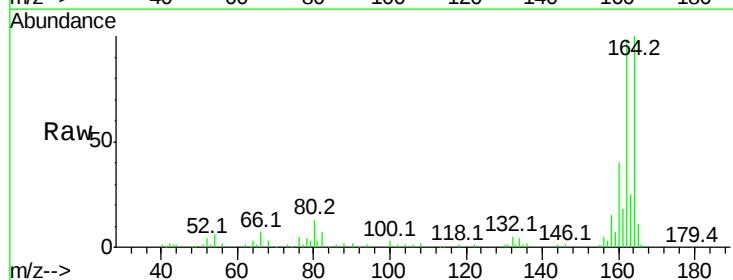
Instrument :
BNA_G
ClientSampleId :

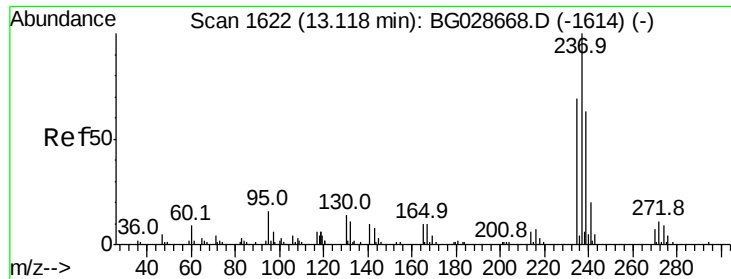
Tot Ion: 82 Resp: 196343
Ion Ratio Lower Upper
82 100
128 39.6 26.4 39.6
54 54.8 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Tgt Ion: 164 Resp: 76909
Ion Ratio Lower Upper
164 100
162 98.1 85.1 127.7
160 40.5 34.7 52.1

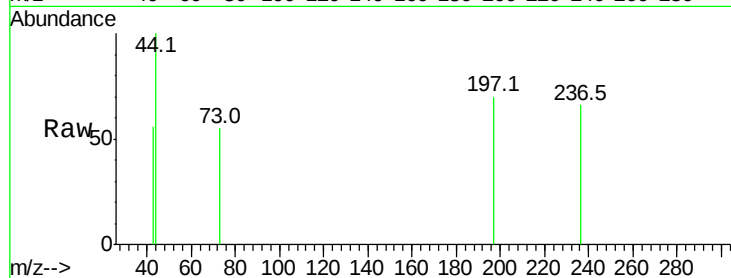




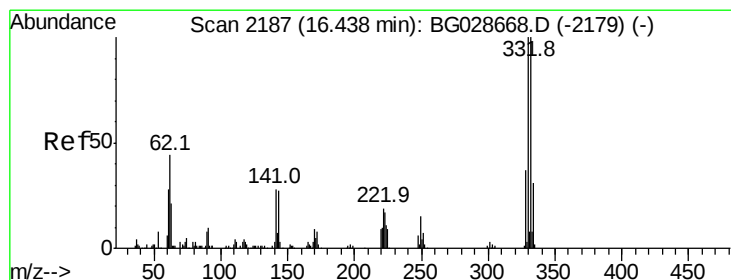
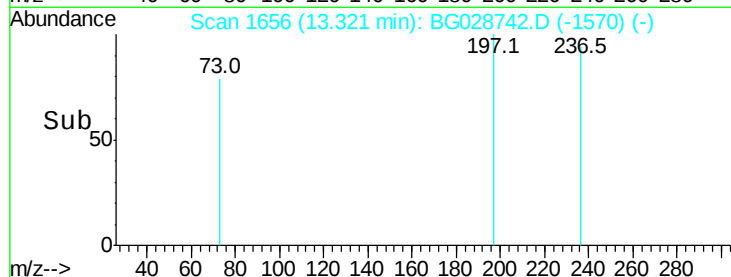
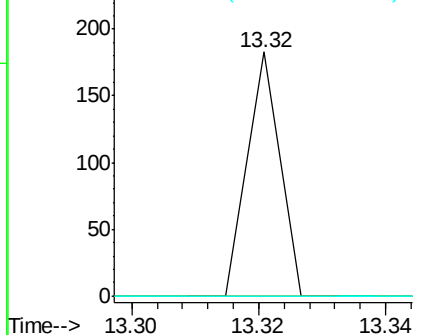
#40
Hexachlorocyclopentadiene
Concen: 7.651 ng
RT: 13.32 min Scan# 1656
Delta R.T. 0.20 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 65
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

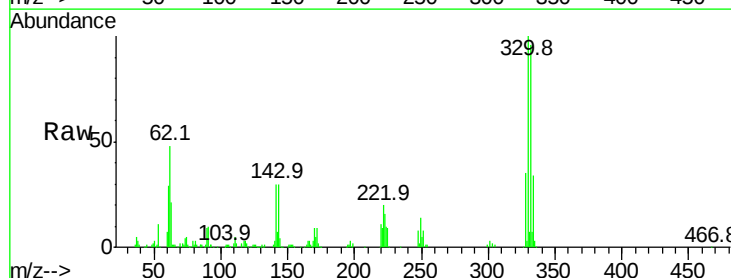


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

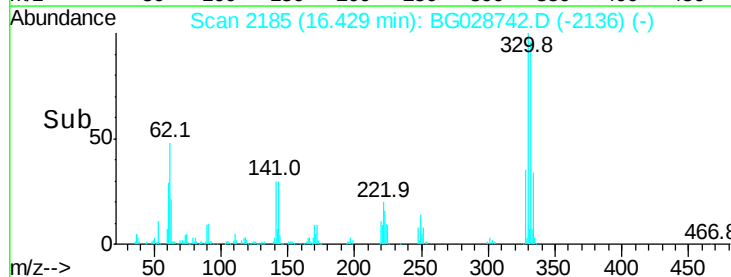
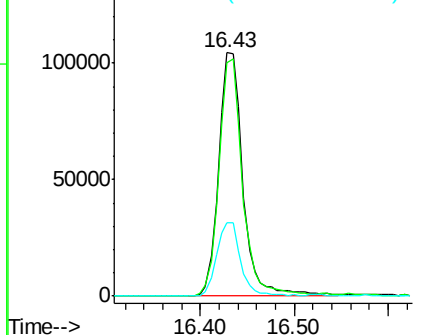


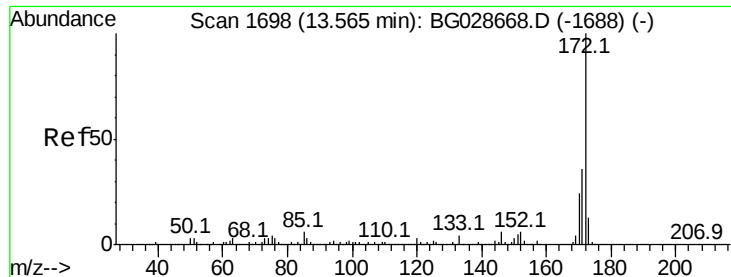
#41
2,4,6-Tribromophenol
Concen: 148.261 ng
RT: 16.43 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Tgt Ion:330 Resp: 188592
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 29.9 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

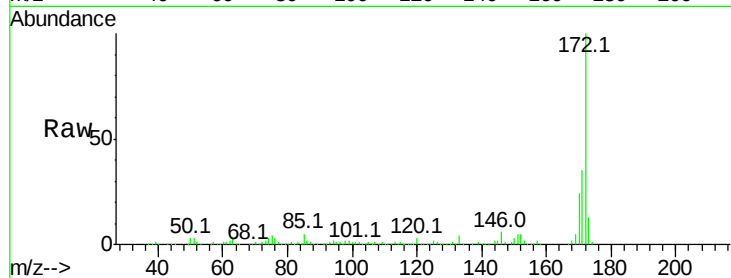




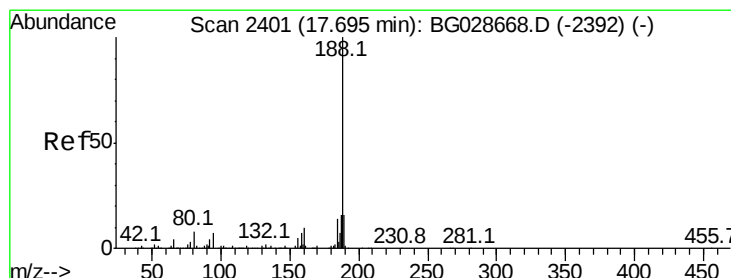
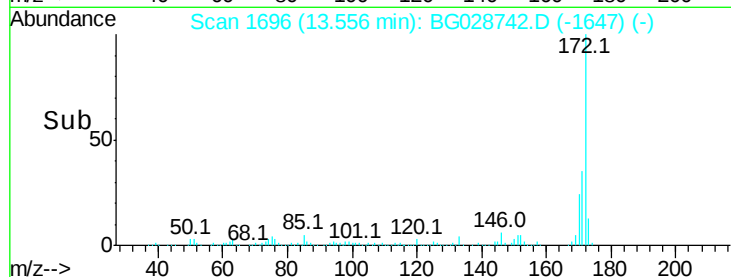
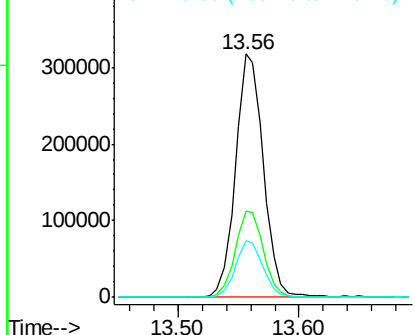
#44
2-Fluorobiphenyl
Concen: 88.515 ng
RT: 13.56 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 510534
Ion Ratio Lower Upper
172 100
171 35.3 32.2 48.2
170 23.5 21.8 32.6

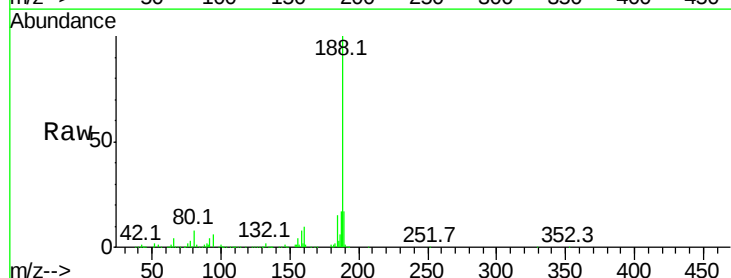


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

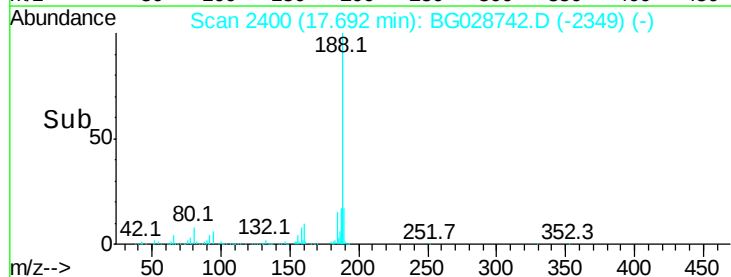
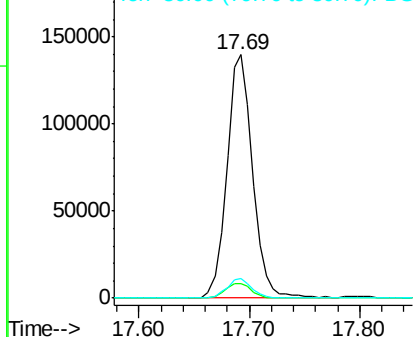


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Tgt Ion:188 Resp: 227406
Ion Ratio Lower Upper
188 100
94 6.0 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): BG
Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

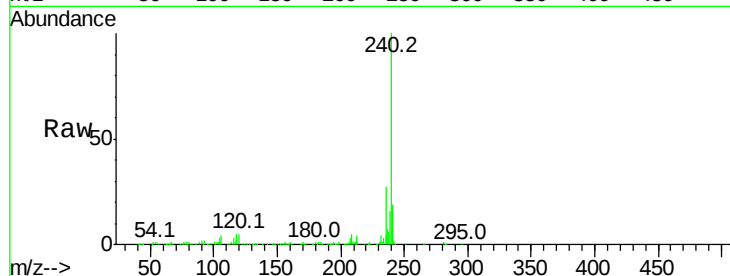
Tot Ion:240 Resp: 274230

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

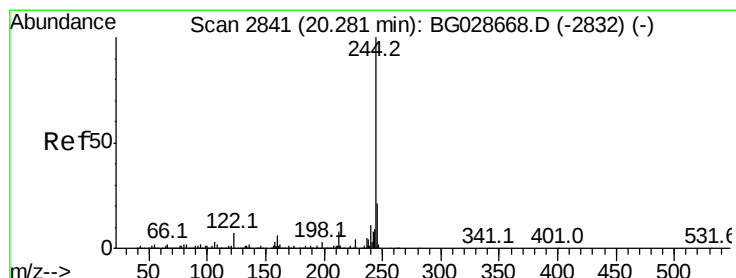
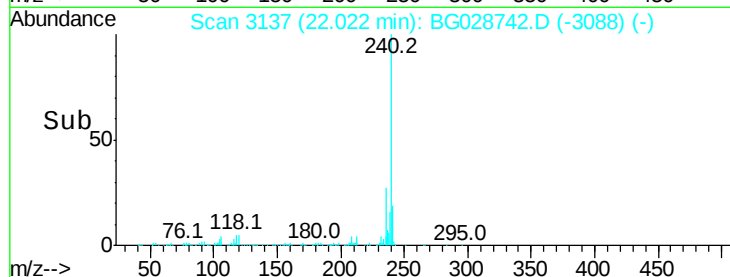
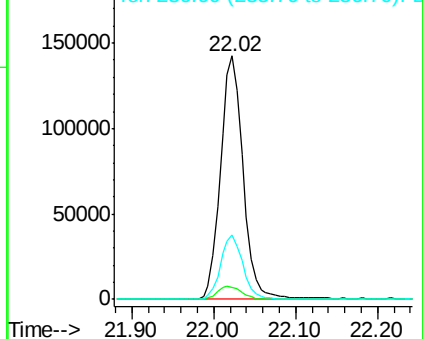
236 26.7 22.2 33.4



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: 90.470 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

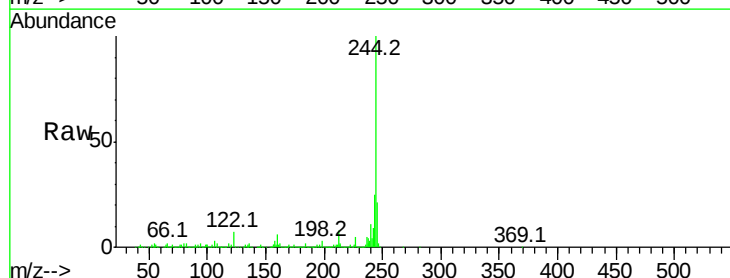
Tgt Ion:244 Resp: 1163368

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

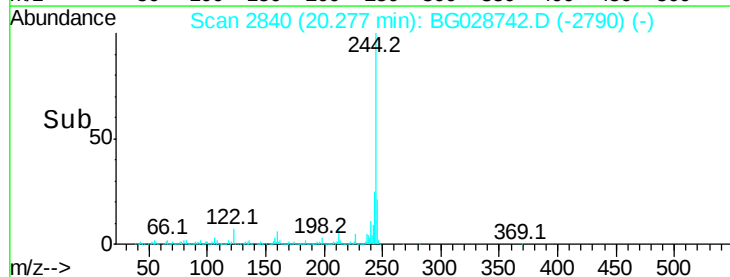
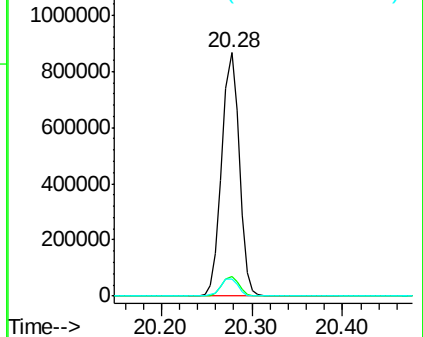
122 6.8 8.6 12.8#

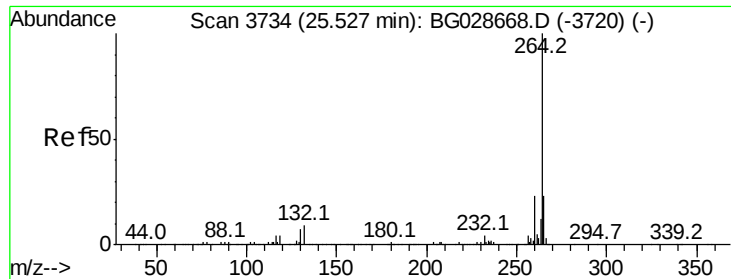


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.7	18.2	27.4

