

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037794.D
 Acq On : 3 Nov 2018 16:54
 Operator : JU/SJ
 Sample : PB114440TB
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114440TB

Quant Time: Nov 05 05:39:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	62763	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	277721	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	180641	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	401181	20.00	ng	0.00
76) Chrysene-d12	21.76	240	357591	20.00	ng	-0.01
87) Perylene-d12	25.10	264	293207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	337832	89.99	ng	0.00
7) Phenol-d6	7.24	99	492536	86.77	ng	0.00
23) Nitrobenzene-d5	9.27	82	288974	58.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	127997	64.97	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	748829	62.51	ng	-0.01
79) Terphenyl-d14	20.07	244	1050259	62.76	ng	-0.01

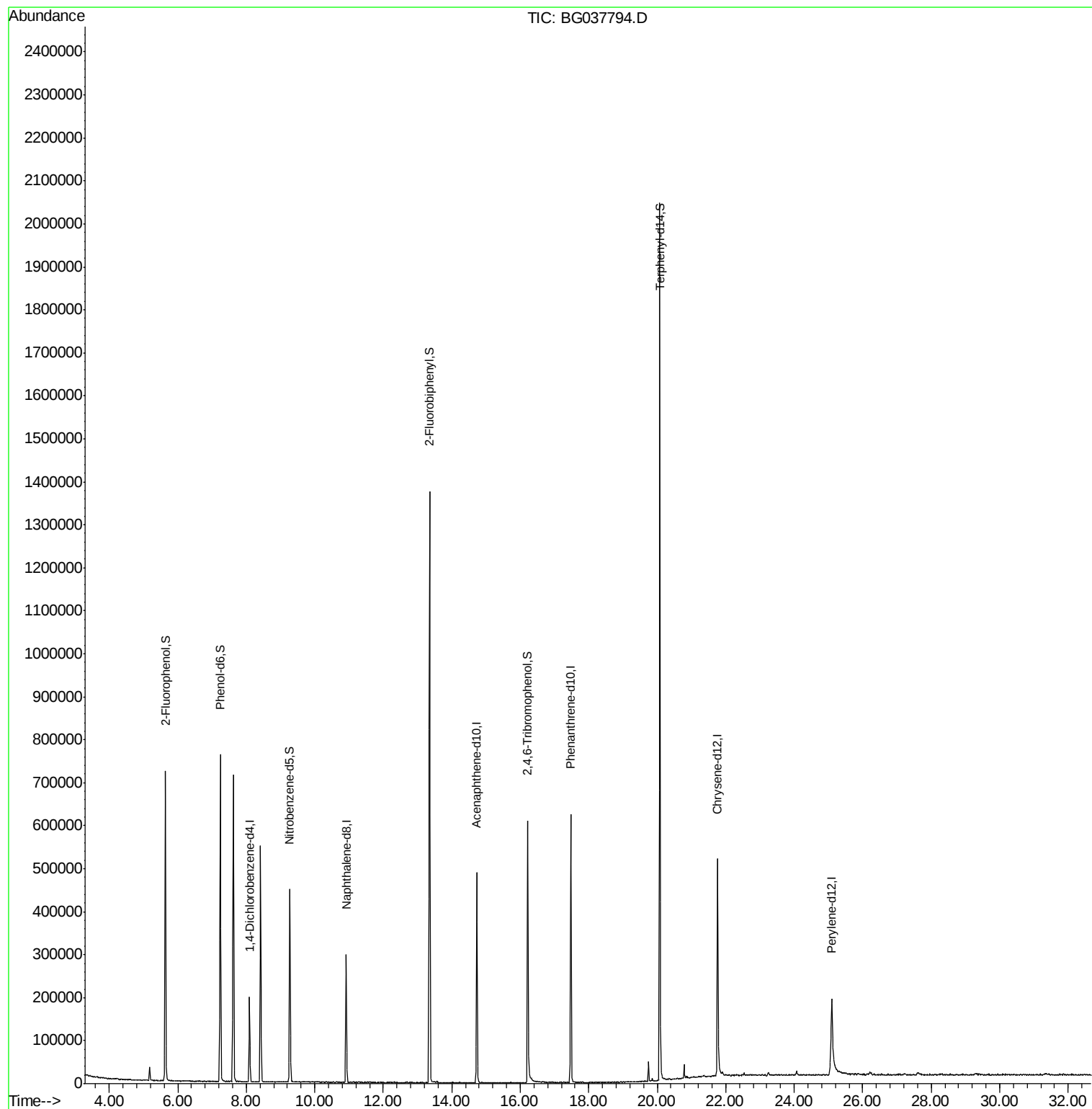
Target Compounds Qvalue

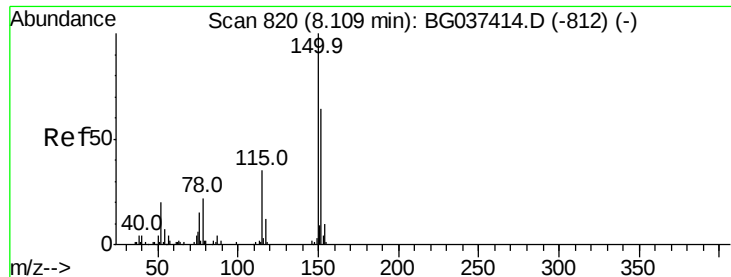
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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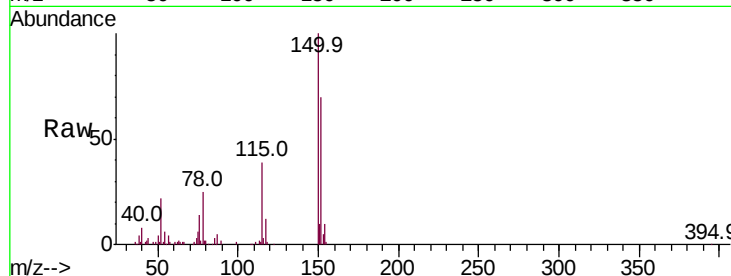


#1

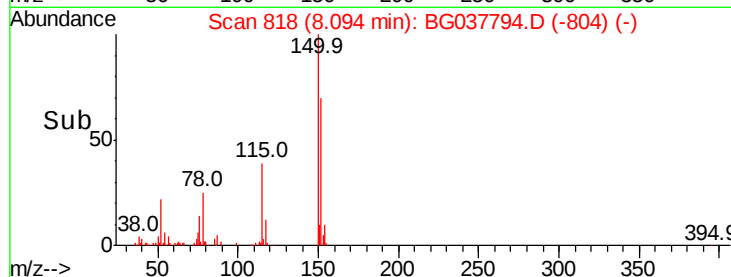
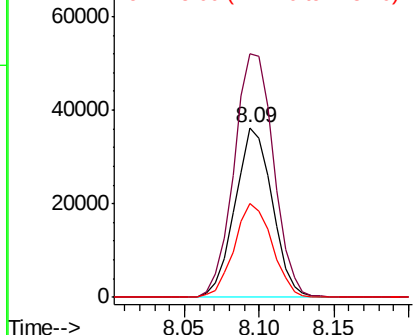
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	126.0	189.0
115	55.5	45.5	68.3



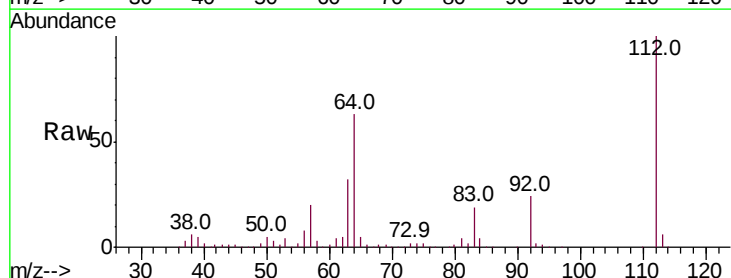
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



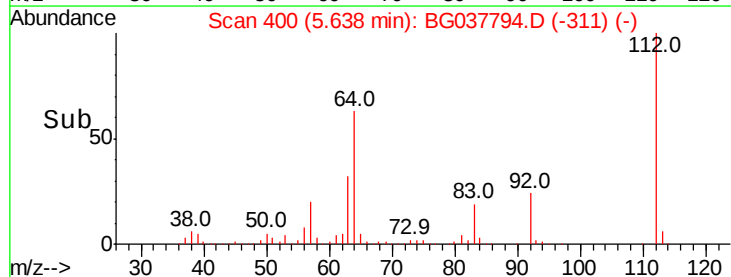
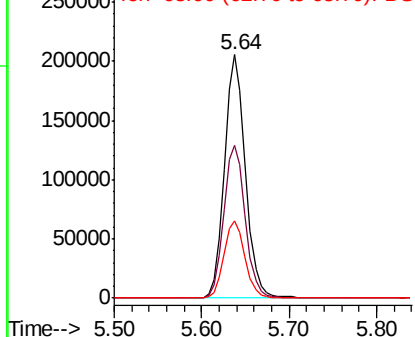
#5

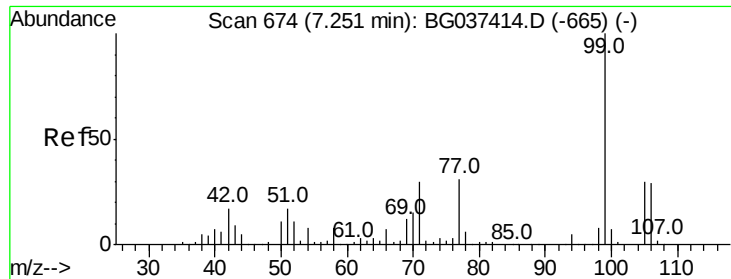
2-Fluorophenol
Concen: 89.990 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	53.1	79.7
63	31.8	27.3	40.9



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: 86.765 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB114440TB

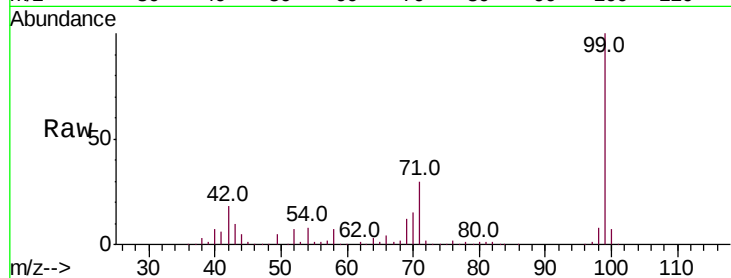
Tot Ion: 99 Resp: 492536

Ion Ratio Lower Upper

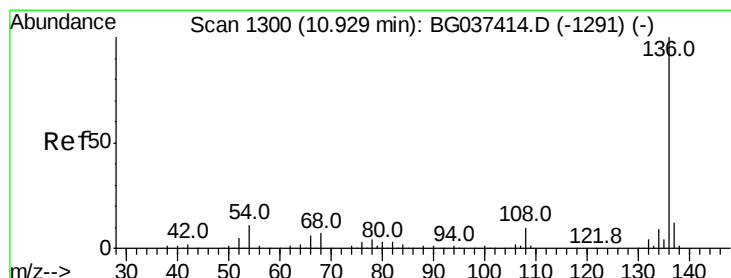
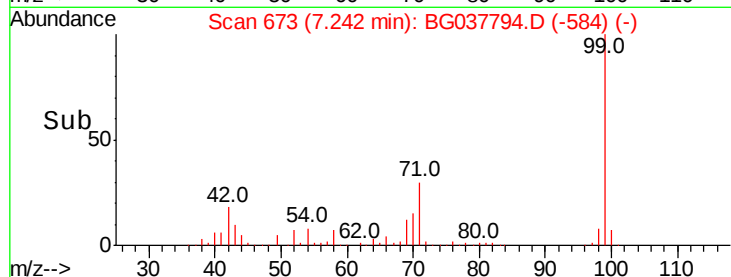
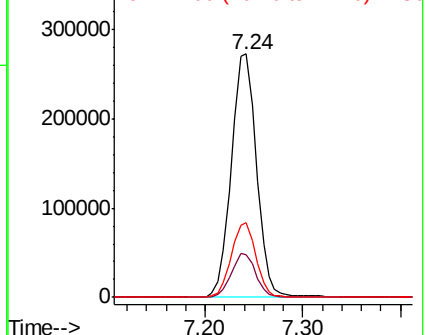
99 100

42 17.8 15.0 22.4

71 30.4 25.5 38.3



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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

Tgt Ion: 136 Resp: 277721

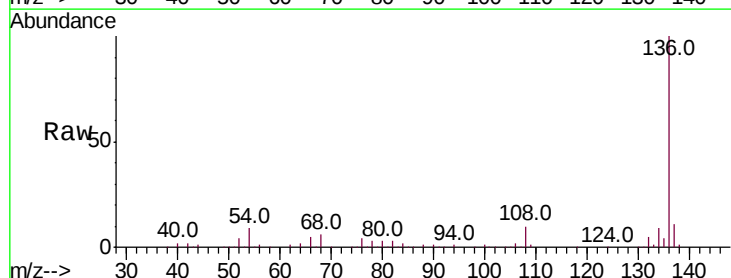
Ion Ratio Lower Upper

136 100

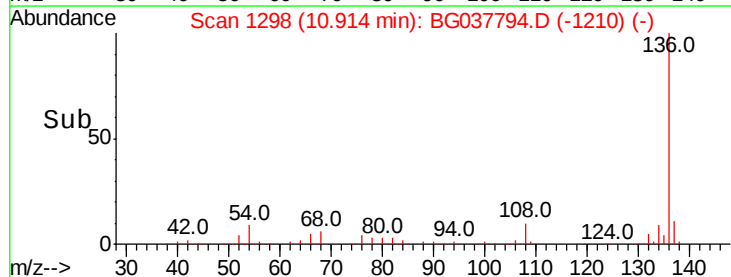
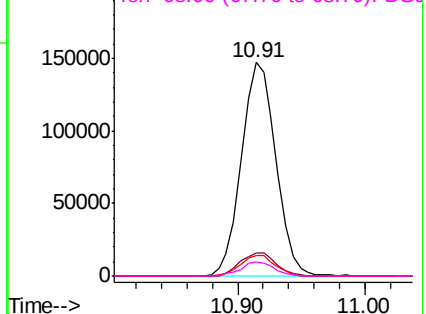
137 10.8 9.6 14.4

54 9.5 7.9 11.9

68 6.4 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

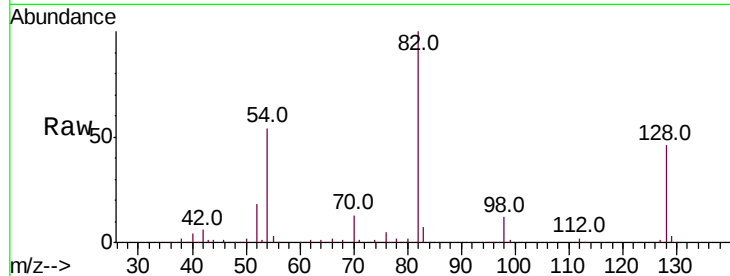




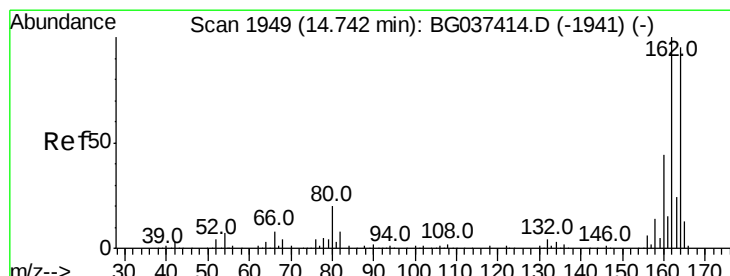
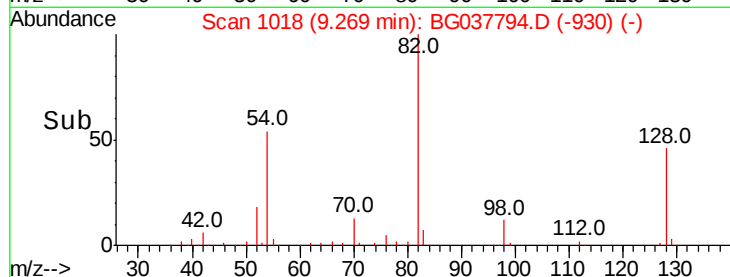
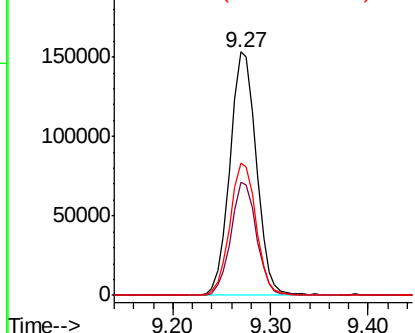
#23
Nitrobenzene-d5
Concen: 58.289 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tot Ion: 82 Resp: 288974
Ion Ratio Lower Upper
82 100
128 46.3 34.6 51.8
54 54.2 45.3 67.9

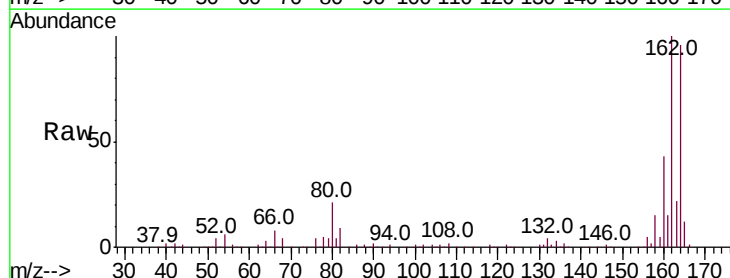


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

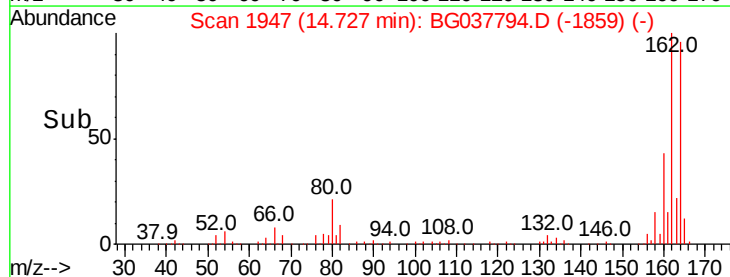
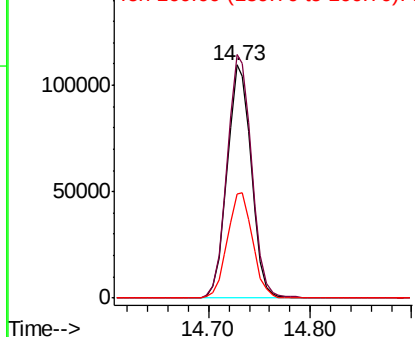


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Tgt Ion:164 Resp: 180641
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 44.7 36.3 54.5



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

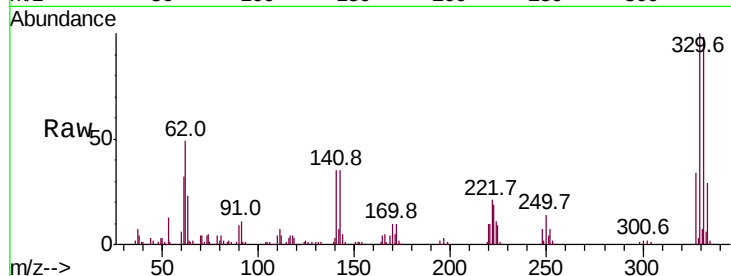




#42
 2,4,6-Tribromophenol
 Concen: 64.965 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037794.D
 Acq: 3 Nov 2018 16:54

Instrument :
 BNA_G
 ClientSampleID :
 PB114440TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.4	117.6
141	38.6	32.2	48.2

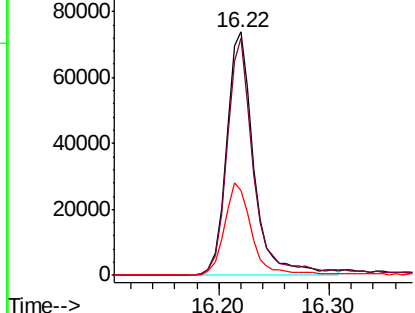
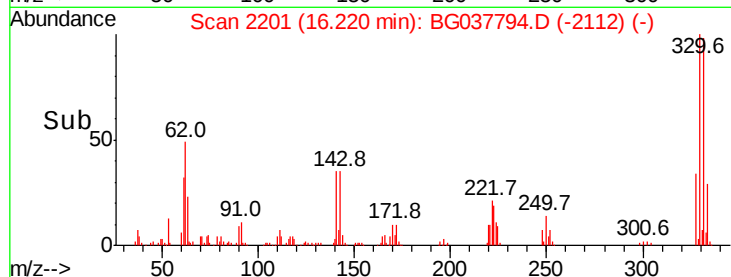


Abundance

Ion 329.80 (329.50 to 330.50): E

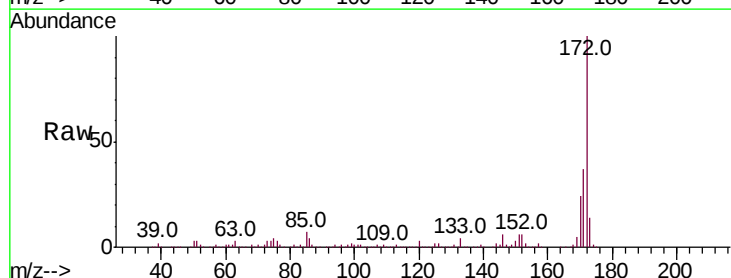
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.510 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037794.D
 Acq: 3 Nov 2018 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.3	20.2	30.2

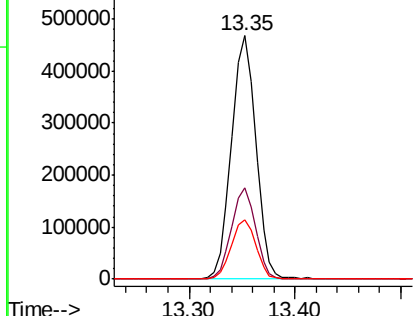
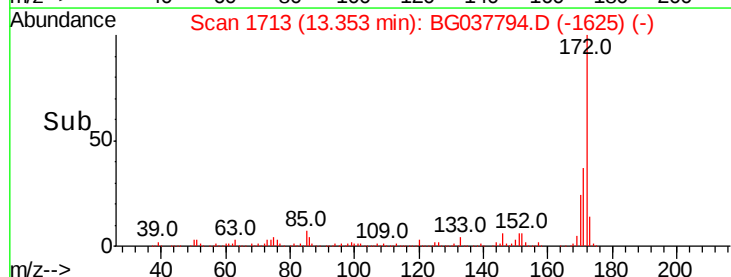


Abundance

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

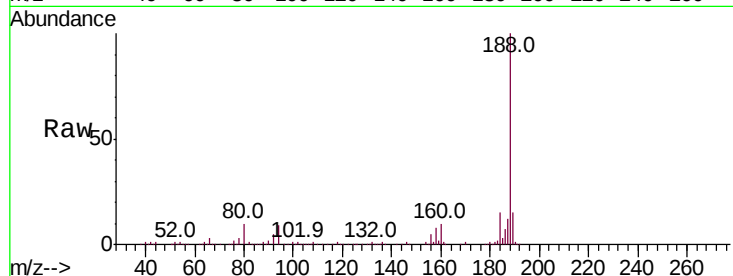




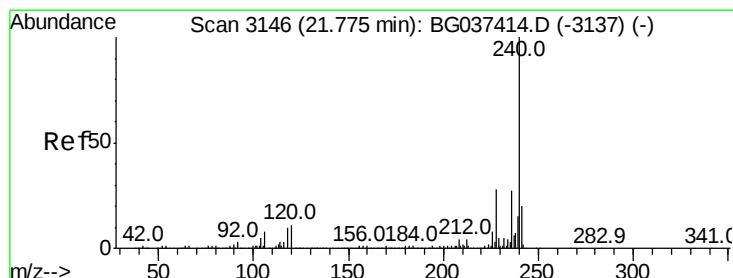
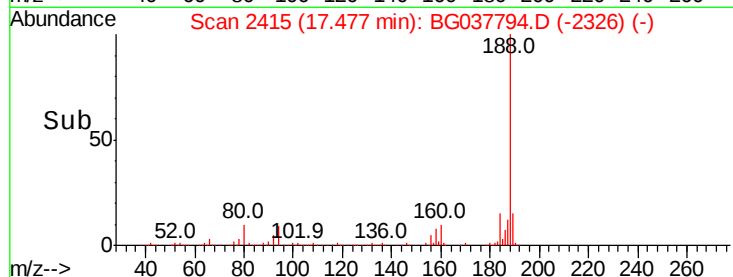
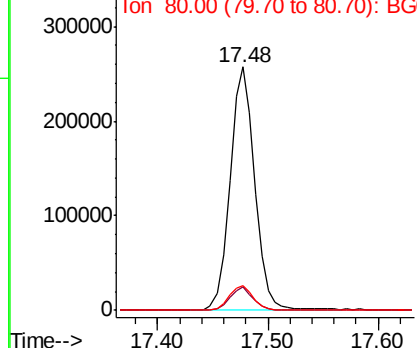
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tot Ion:188 Resp: 401181
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.0 7.7 11.5

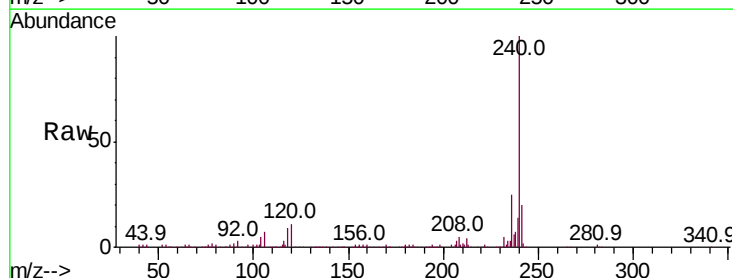


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

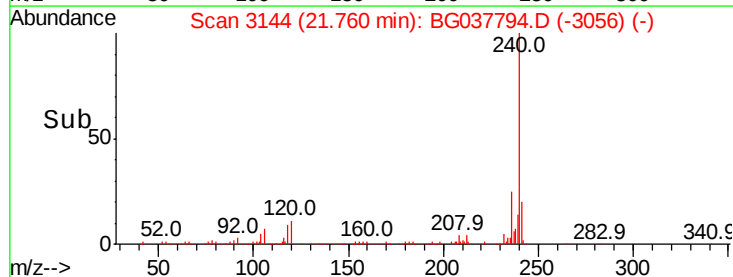
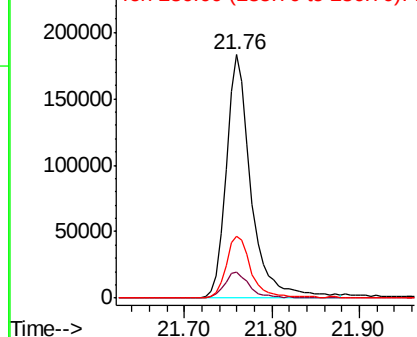


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Tgt Ion:240 Resp: 357591
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.5 21.4 32.0



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





#79

Terphenyl-d14

Concen: 62.758 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB114440TB

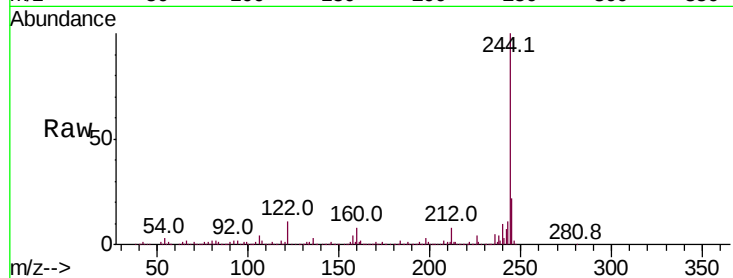
Tot Ion:244 Resp: 1050259

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.6	9.0	13.4

244 100

212 7.8 6.5 9.7

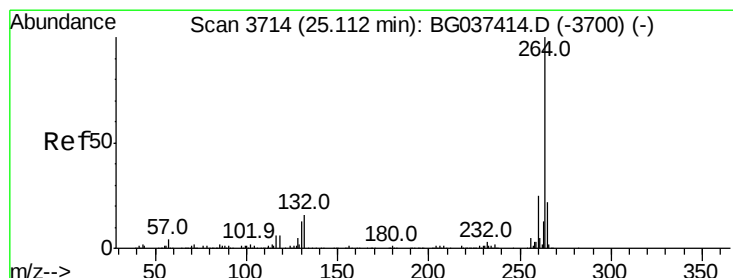
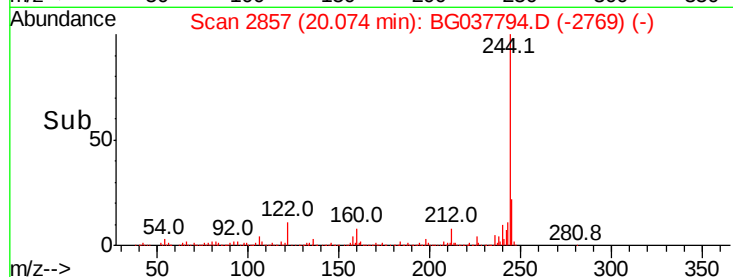
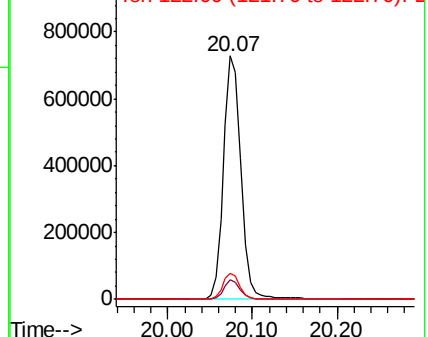
122 10.6 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

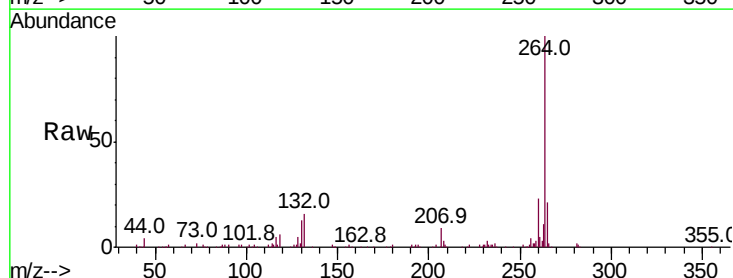
Tgt Ion:264 Resp: 293207

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.3	17.9	26.9

264 100

260 23.0 18.2 27.4

265 21.3 17.9 26.9



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

