

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038445.D
 Acq On : 10 Dec 2018 18:59
 Operator : JU/SJ
 Sample : J6302-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 K-120718-RO

Quant Time: Dec 11 04:03:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

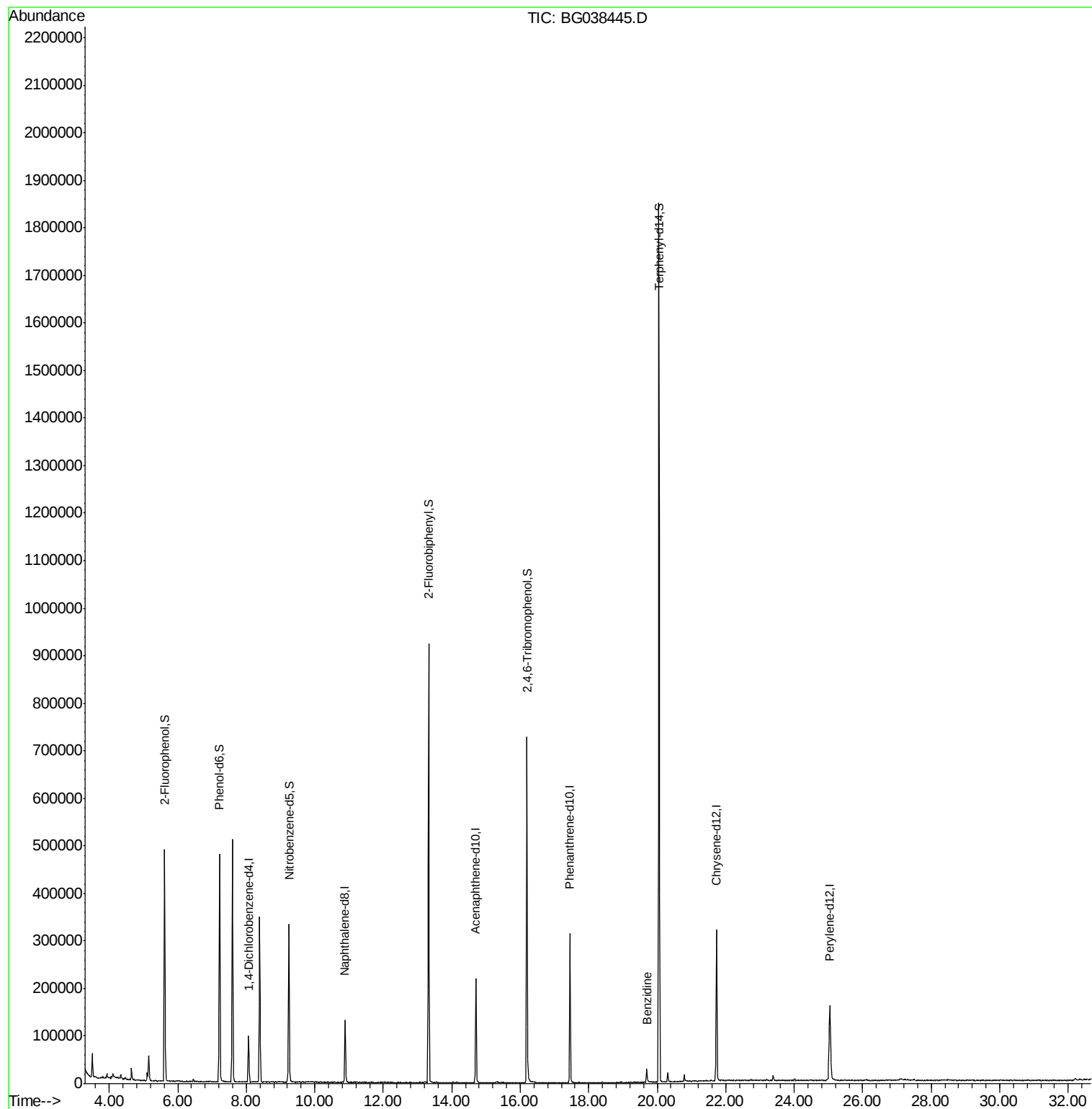
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29367	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119894	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80401	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	208437	20.00	ng	0.00
76) Chrysene-d12	21.73	240	203581	20.00	ng	-0.01
87) Perylene-d12	25.04	264	205907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	210488	126.84	ng	0.00
7) Phenol-d6	7.22	99	271677	113.27	ng	0.00
23) Nitrobenzene-d5	9.25	82	201653	83.50	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	149647	151.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	494113	87.57	ng	0.00
79) Terphenyl-d14	20.06	244	937172	98.62	ng	0.00
Target Compounds						
77) Benzidine	19.69	184	27424	3.992	ng	Qvalue 97

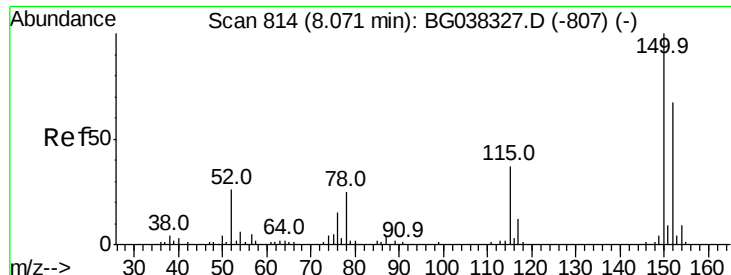
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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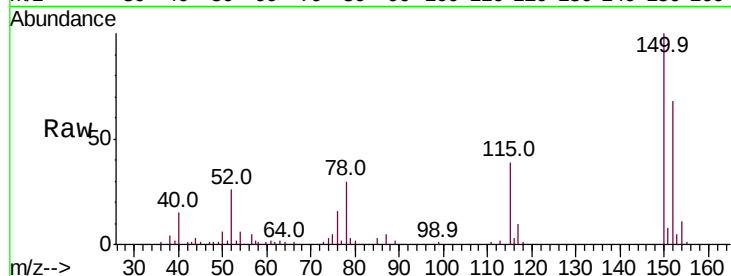


#1

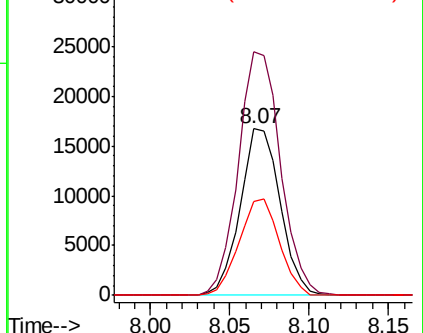
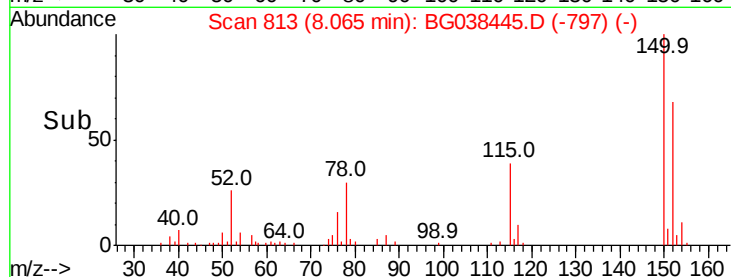
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tot Ion:152 Resp: 29367
Ion Ratio Lower Upper
152 100
150 146.1 126.0 189.0
115 56.5 45.5 68.3



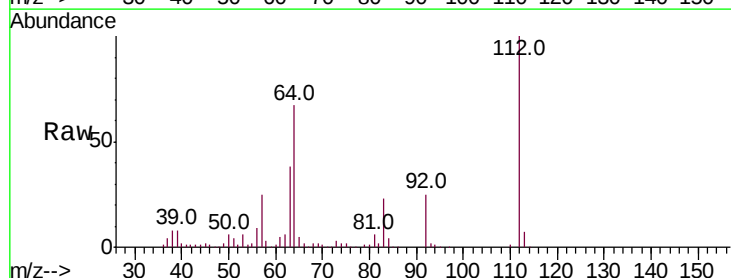
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



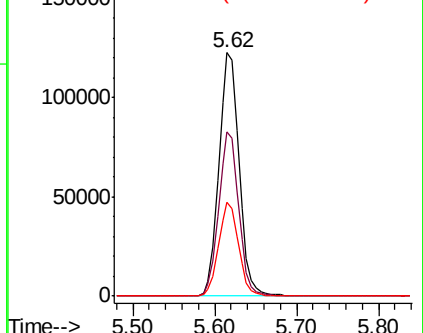
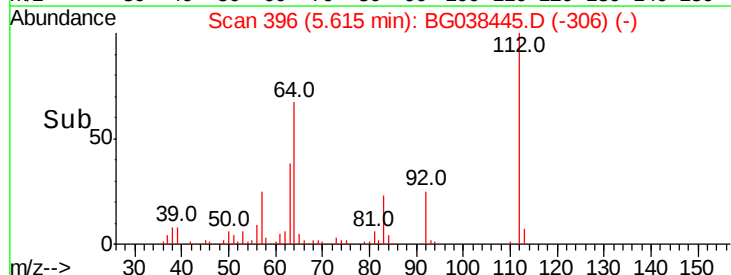
#5

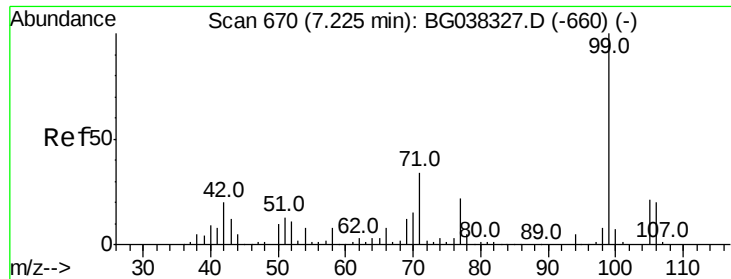
2-Fluorophenol
Concen: 126.839 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:112 Resp: 210488
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 38.5 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: 113.269 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038445.D

Acq: 10 Dec 2018 18:59

Instrument :

BNA_G

ClientSampleId :

K-120718-RO

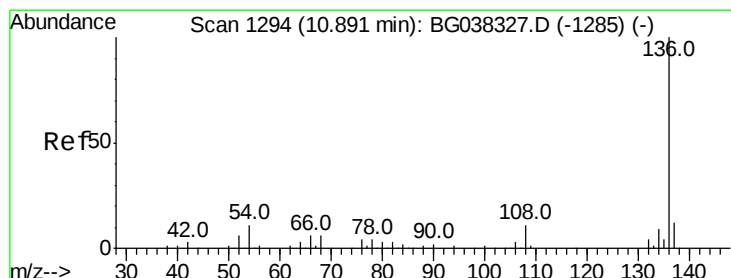
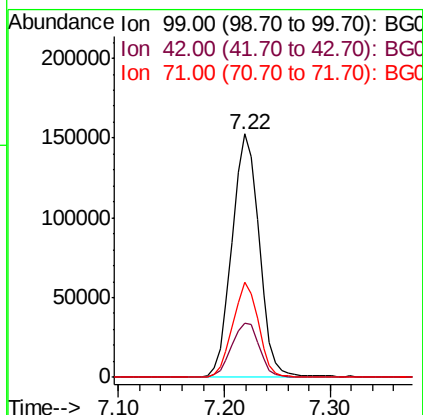
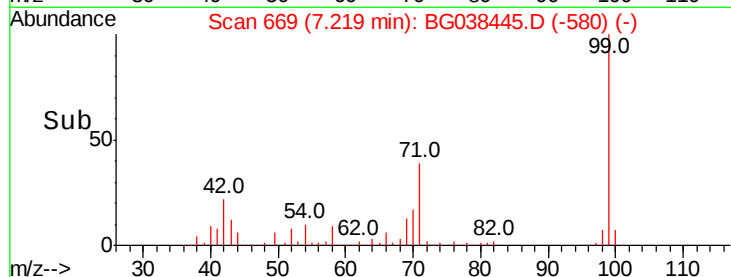
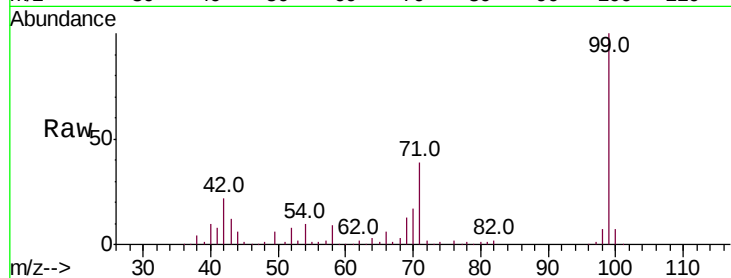
Tot Ion: 99 Resp: 271677

Ion Ratio Lower Upper

99 100

42 22.3 15.0 22.4

71 39.2 25.5 38.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038445.D

Acq: 10 Dec 2018 18:59

Tgt Ion: 136 Resp: 119894

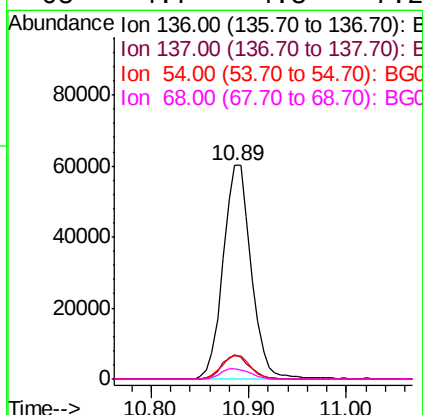
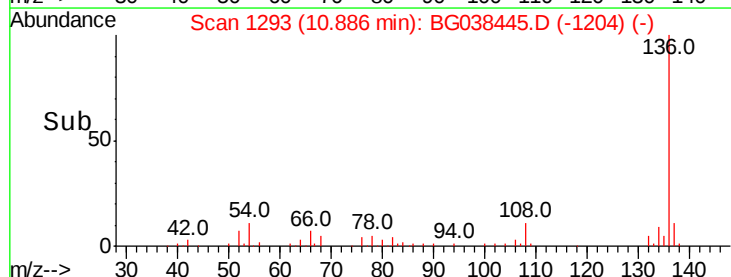
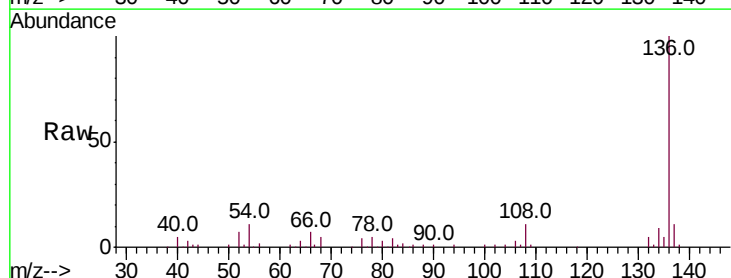
Ion Ratio Lower Upper

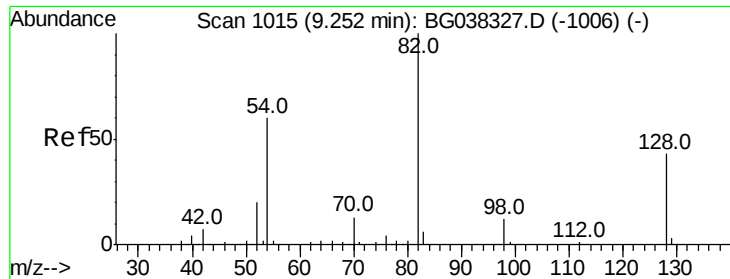
136 100

137 11.3 9.6 14.4

54 11.1 7.9 11.9

68 4.7 4.8 7.2#

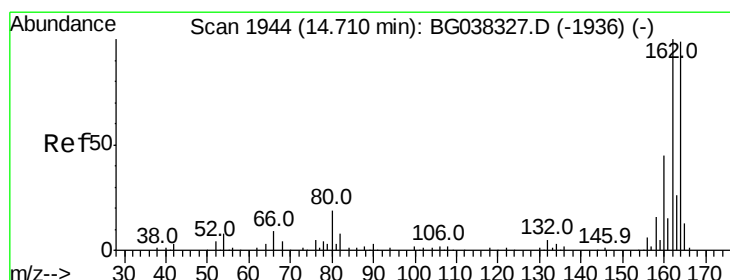
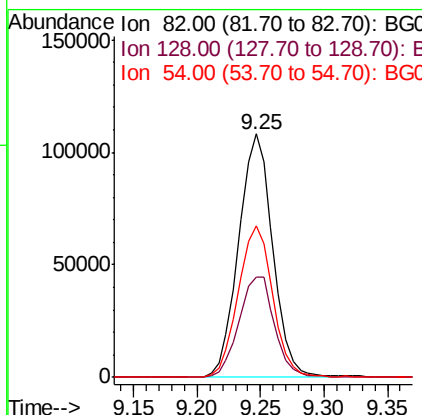
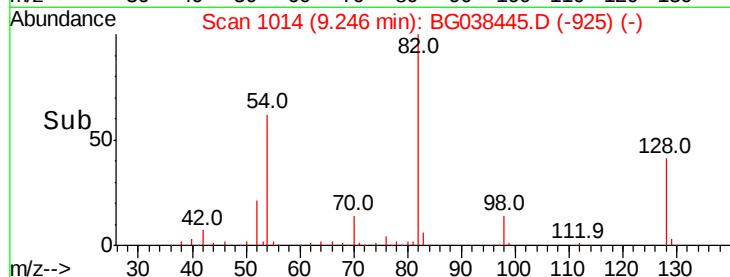
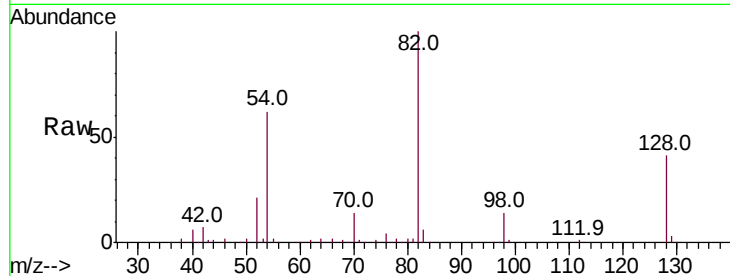




#23
Nitrobenzene-d5
Concen: 83.504 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

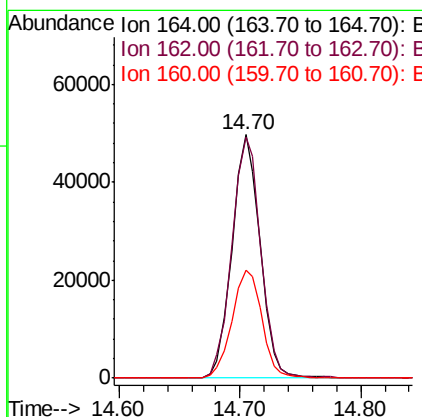
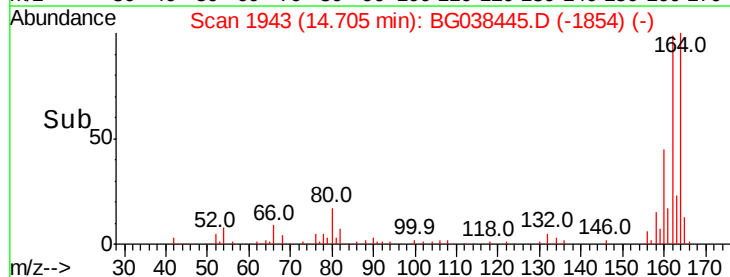
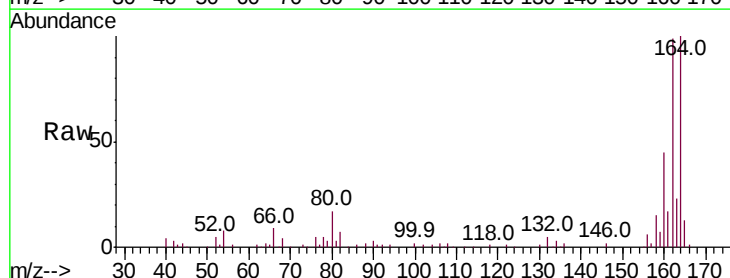
Instrument :
BNA_G
ClientSampleId :
K-120718-RO

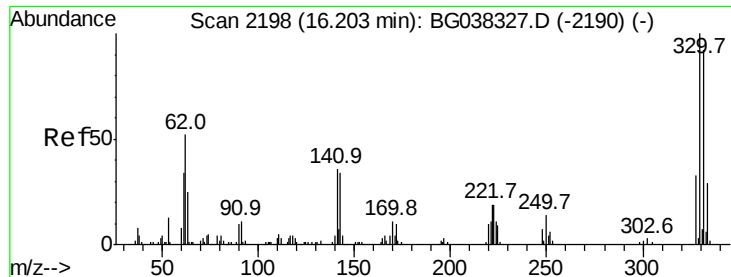
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	51.8
54	62.4	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.3	121.9
160	44.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 151.615 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038445.D

Acq: 10 Dec 2018 18:59

Instrument :

BNA_G

ClientSampleId :

K-120718-RO

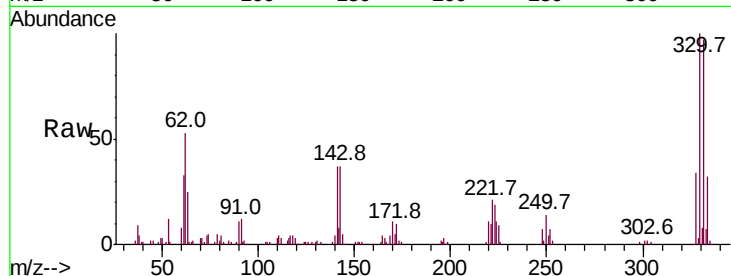
Tot Ion:330 Resp: 149647

Ion Ratio Lower Upper

330 100

332 98.0 78.4 117.6

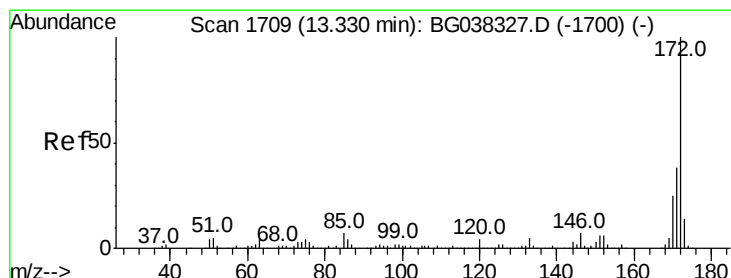
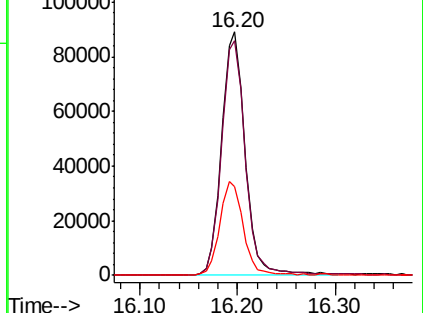
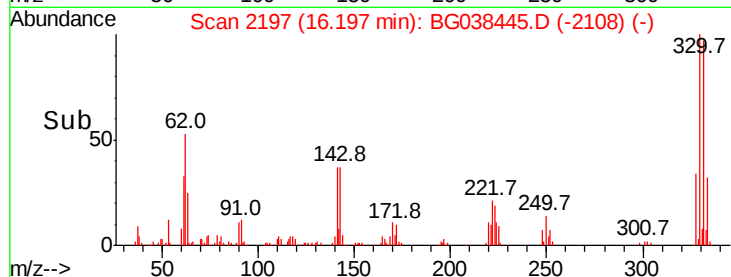
141 38.4 32.2 48.2



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: 87.570 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038445.D

Acq: 10 Dec 2018 18:59

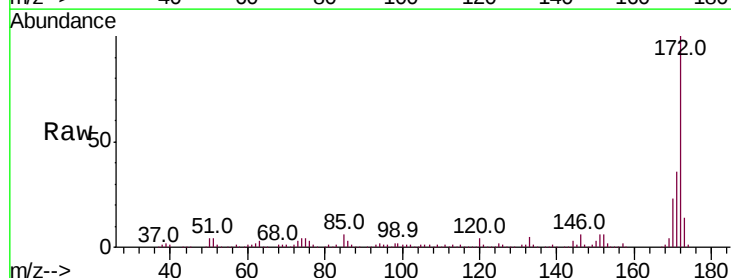
Tgt Ion:172 Resp: 494113

Ion Ratio Lower Upper

172 100

171 36.5 31.0 46.4

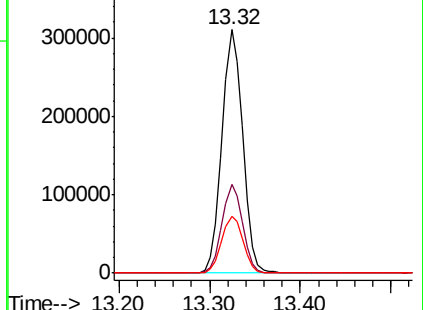
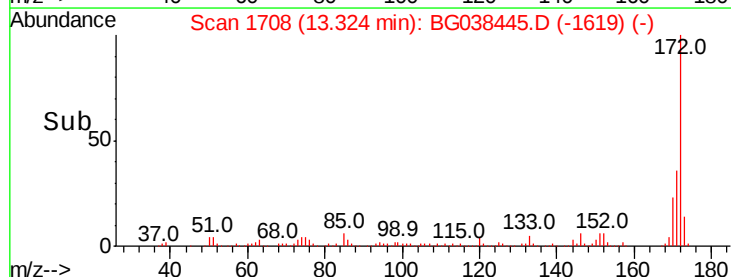
170 23.2 20.2 30.2

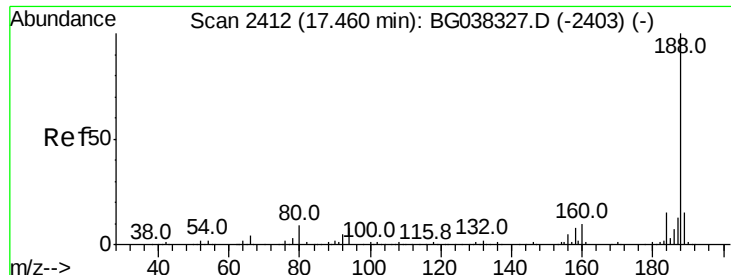


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

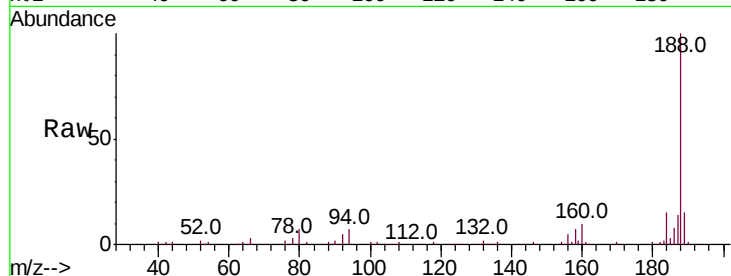




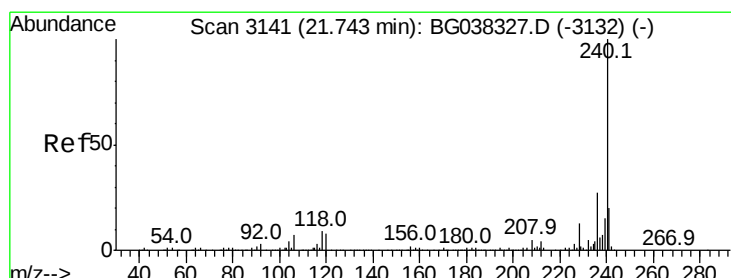
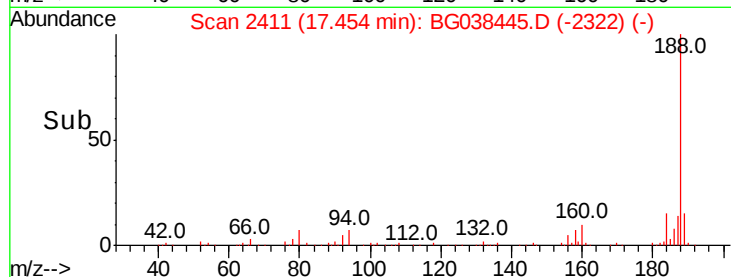
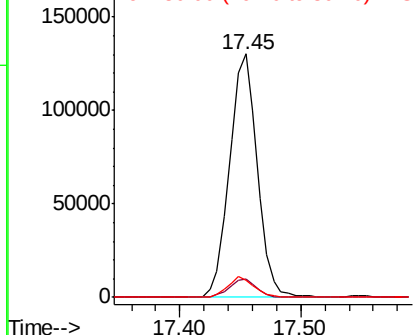
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Instrument :
BNA_G
ClientSampleId :
K-120718-RO

Tot Ion:188 Resp: 208437
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 7.2 7.7 11.5#

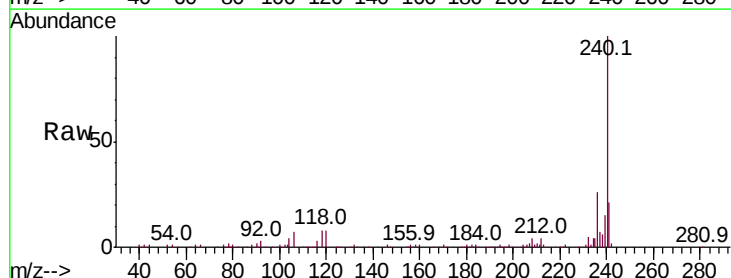


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

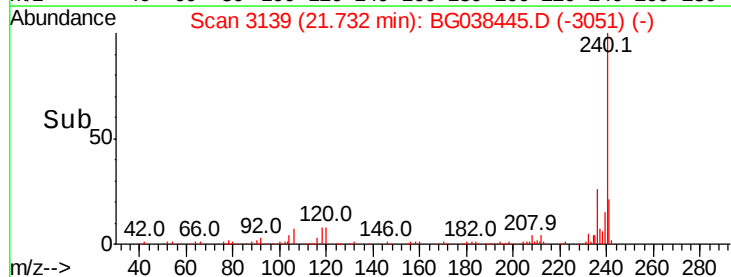
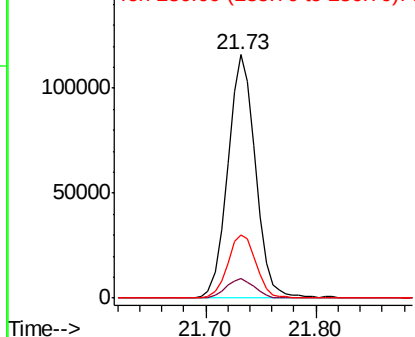


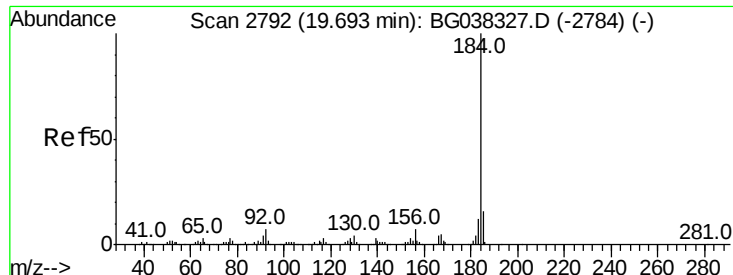
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038445.D
Acq: 10 Dec 2018 18:59

Tgt Ion:240 Resp: 203581
Ion Ratio Lower Upper
240 100
120 8.0 8.1 12.1#
236 26.2 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





#77

Benzidine

Concen: 3.992 ng

RT: 19.69 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038445.D

Acq: 10 Dec 2018 18:59

Instrument :

BNA_G

ClientSampleId :

K-120718-RO

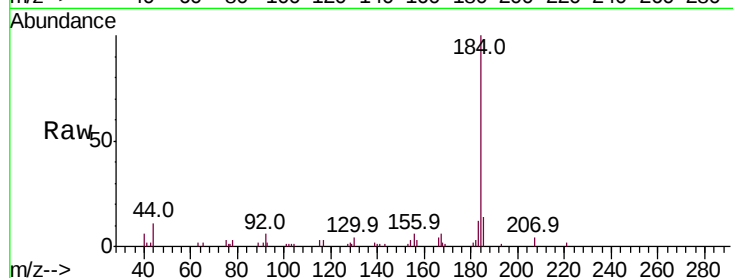
Tot Ion:184 Resp: 27424

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

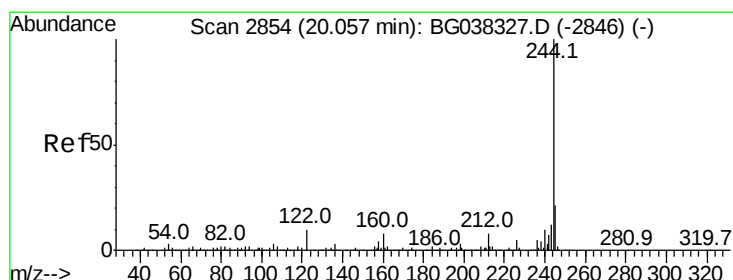
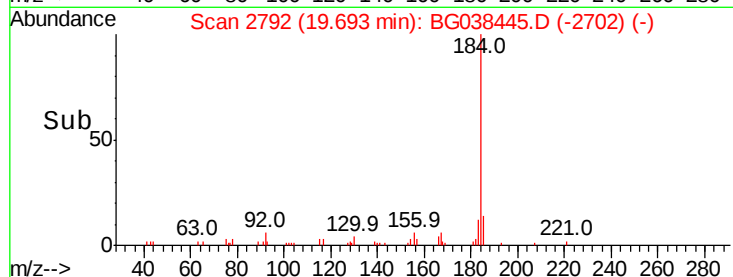
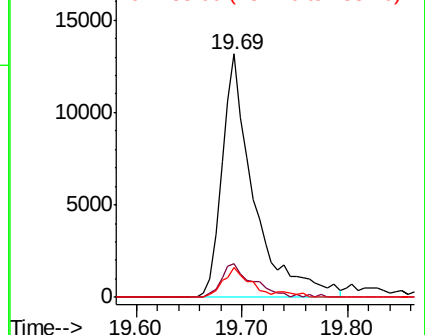
183 12.1 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 98.617 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038445.D

Acq: 10 Dec 2018 18:59

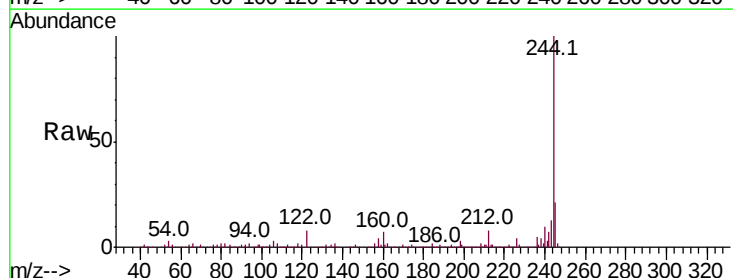
Tgt Ion:244 Resp: 937172

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

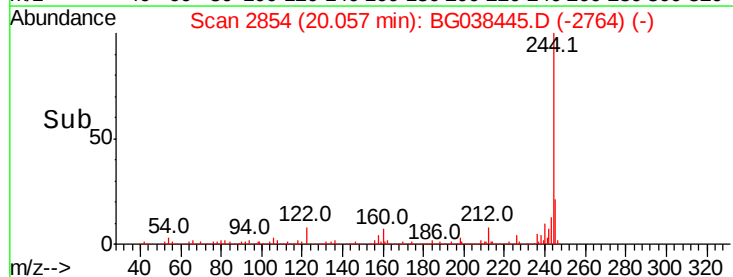
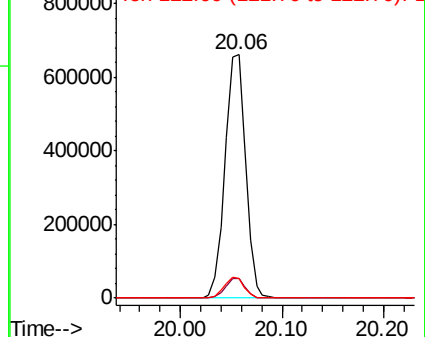
122 8.0 9.0 13.4#

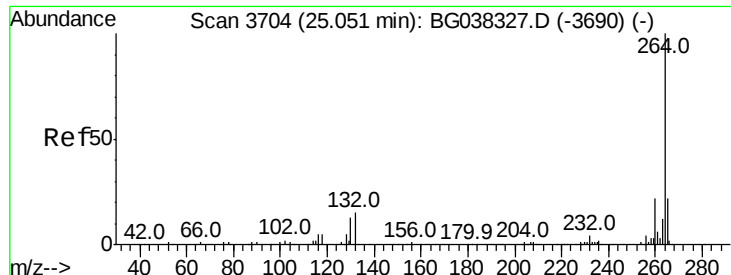


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

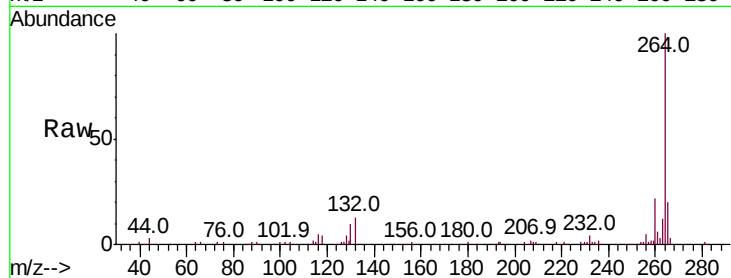




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038445.D
 Acq: 10 Dec 2018 18:59

Instrument :
 BNA_G
 ClientSampleId :
 K-120718-RO

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.5	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

