

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037833.D
 Acq On : 6 Nov 2018 10:55
 Operator : JU/SJ
 Sample : J5764-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-I

Quant Time: Nov 06 12:35:10 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	59374	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	267148	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	171905	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	385642	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343960	20.00	ng	-0.01
87) Perylene-d12	25.09	264	267636	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	385321	108.50	ng	0.00
7) Phenol-d6	7.24	99	481054	89.58	ng	-0.01
23) Nitrobenzene-d5	9.28	82	390450	81.87	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	177128	94.47	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	956191	83.88	ng	-0.01
79) Terphenyl-d14	20.07	244	1345478	83.58	ng	-0.01

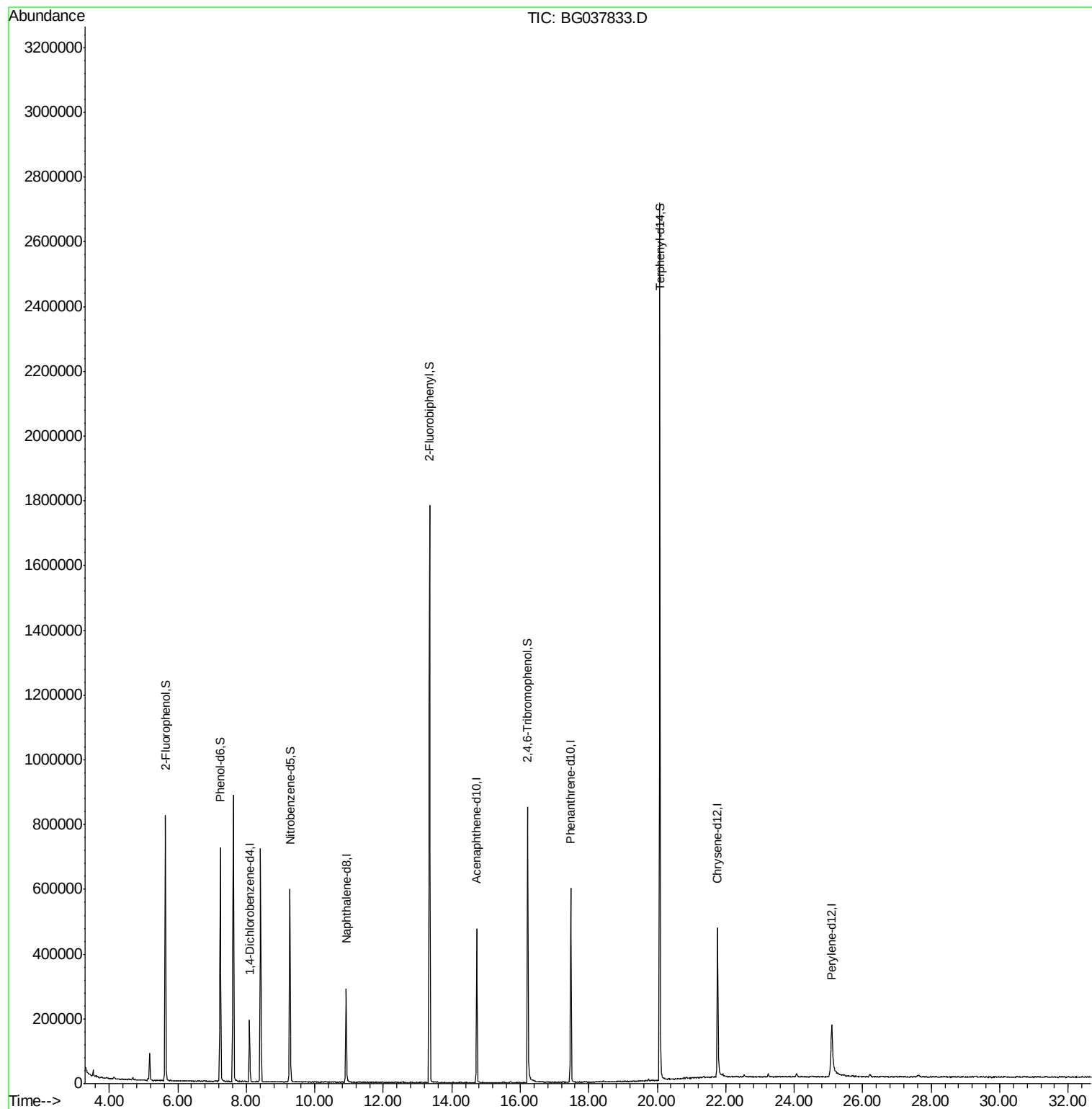
Target Compounds Qvalue

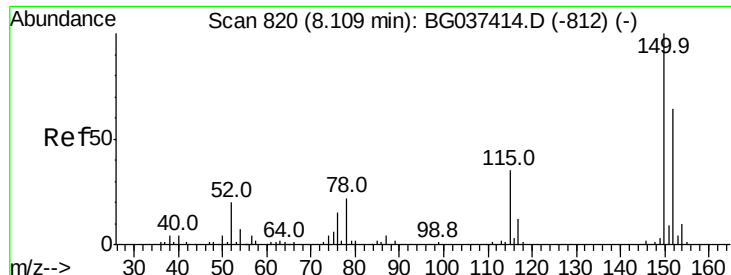
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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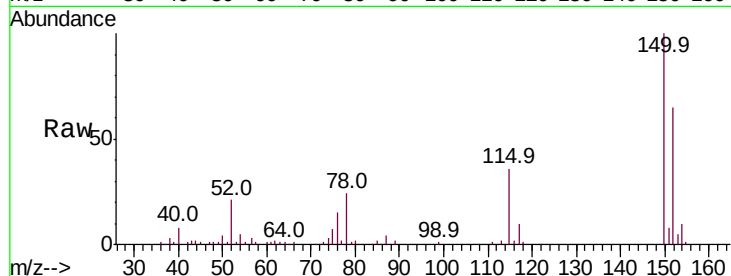


#1

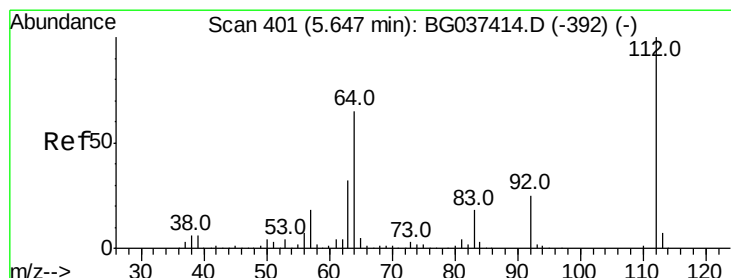
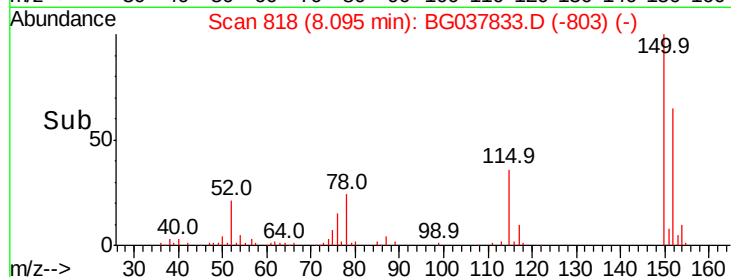
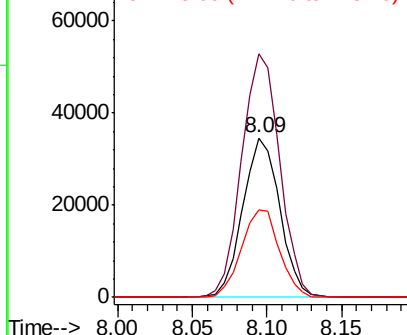
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037833.D
Acq: 6 Nov 2018 10:55

Instrument :
BNA_G
ClientSampleId :
JC-03-110218-I

Tot Ion:152 Resp: 59374
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 55.1 45.5 68.3



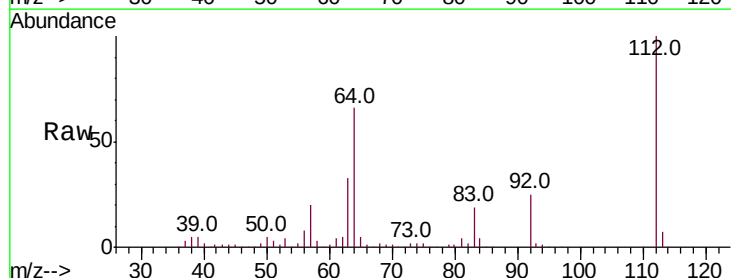
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



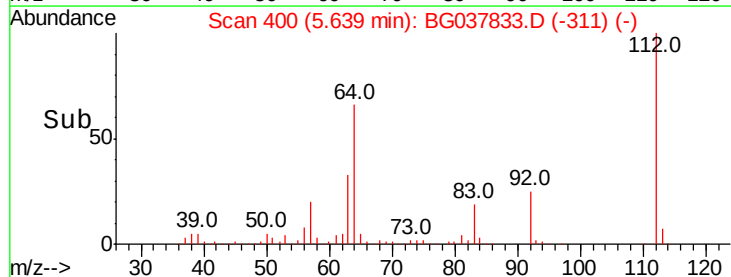
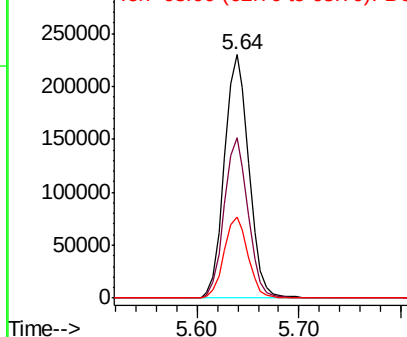
#5

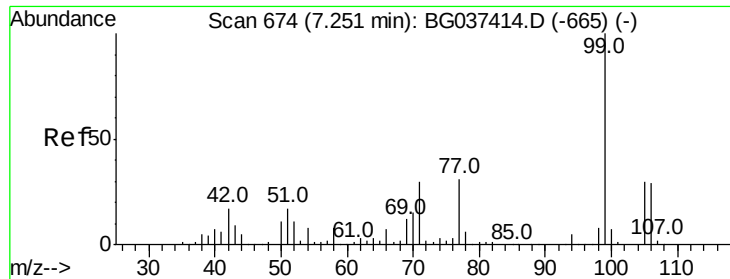
2-Fluorophenol
Concen: 108.499 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037833.D
Acq: 6 Nov 2018 10:55

Tgt Ion:112 Resp: 385321
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 89.579 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037833.D

Acq: 6 Nov 2018 10:55

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-I

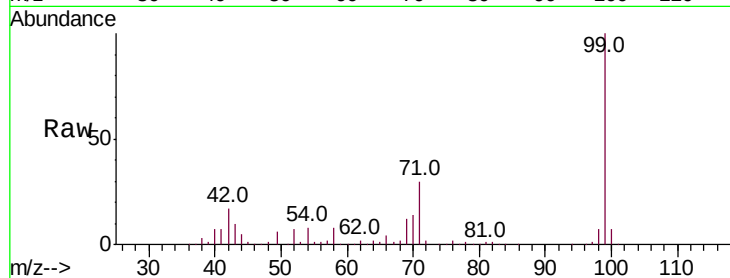
Tot Ion: 99 Resp: 481054

Ion Ratio Lower Upper

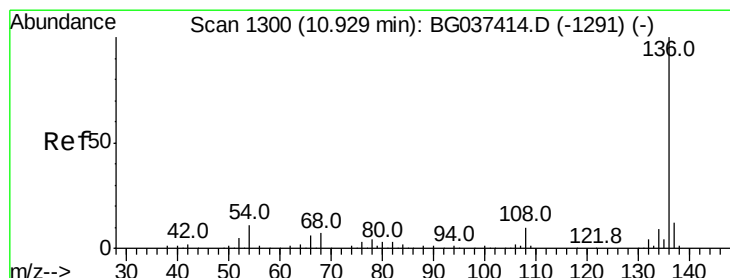
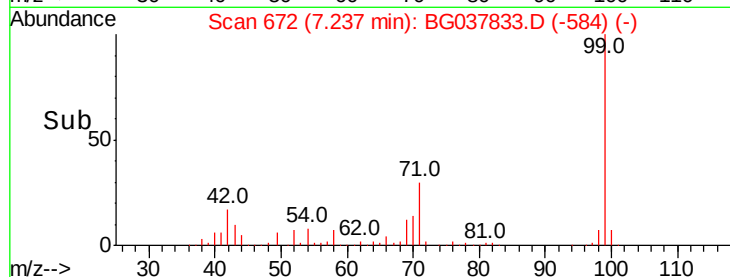
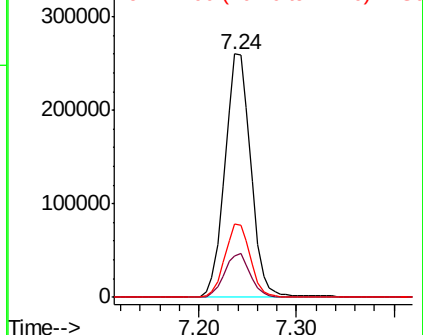
99 100

42 17.1 15.0 22.4

71 29.9 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: BG037833.D

Acq: 6 Nov 2018 10:55

Tgt Ion: 136 Resp: 267148

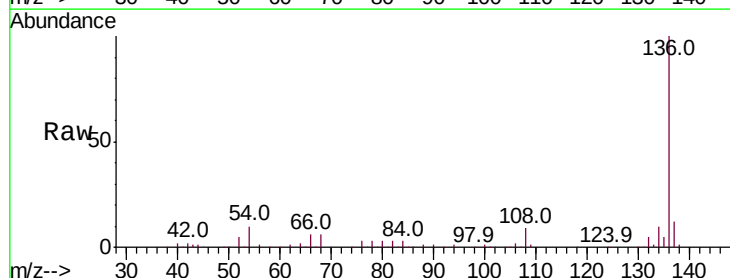
Ion Ratio Lower Upper

136 100

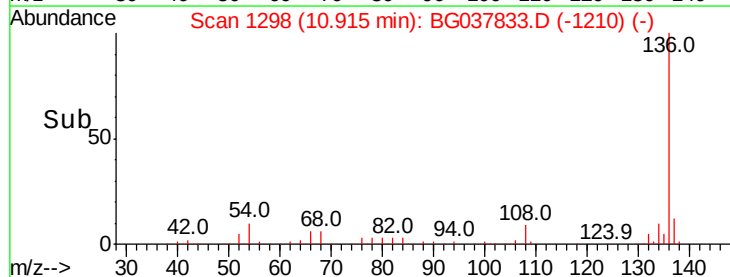
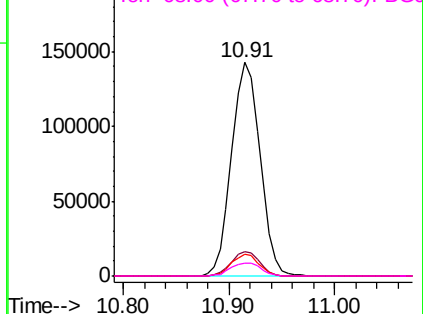
137 11.6 9.6 14.4

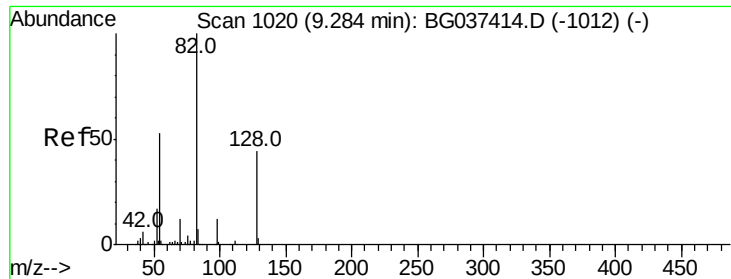
54 10.0 7.9 11.9

68 5.9 4.8 7.2



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

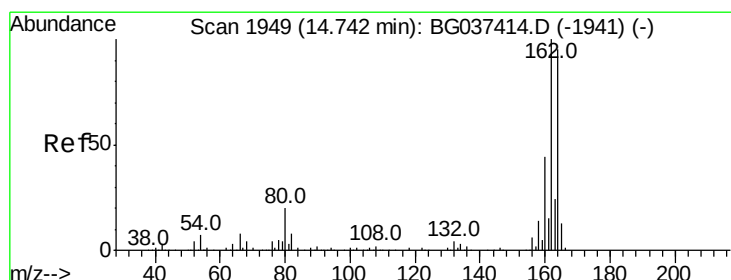
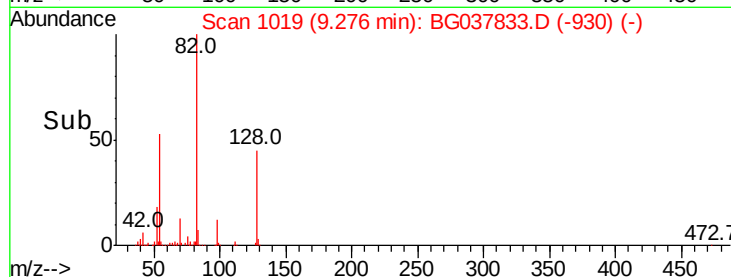
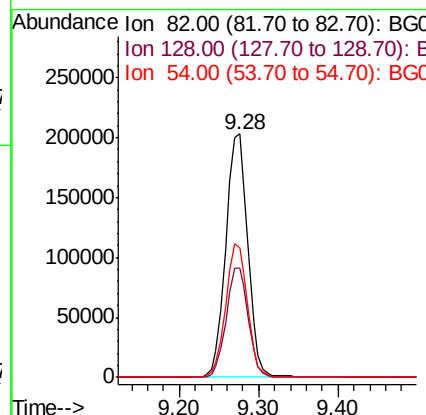
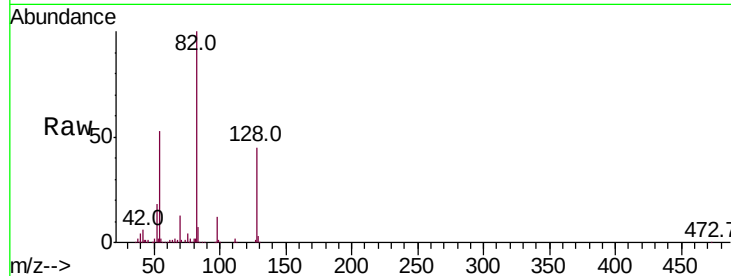




#23
 Nitrobenzene-d5
 Concen: 81.874 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037833.D
 Acq: 6 Nov 2018 10:55

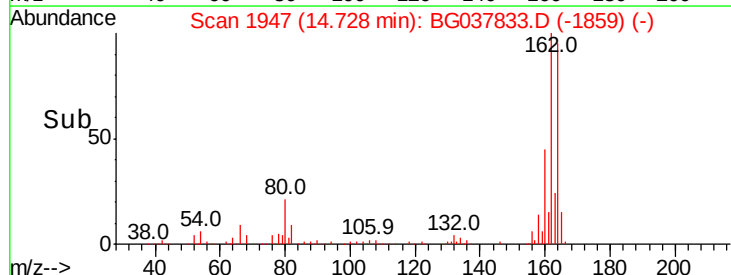
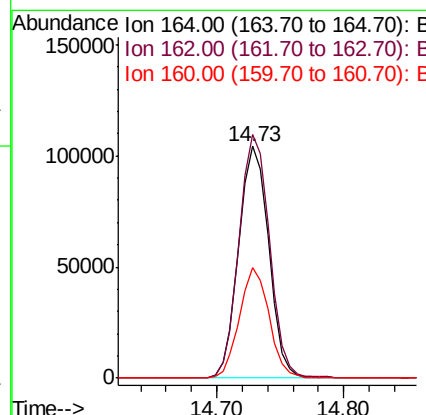
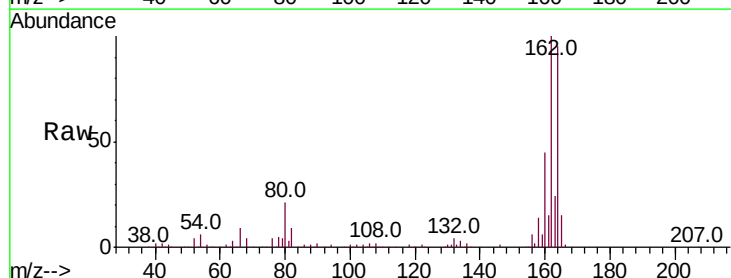
Instrument :
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 ClientSampleId :
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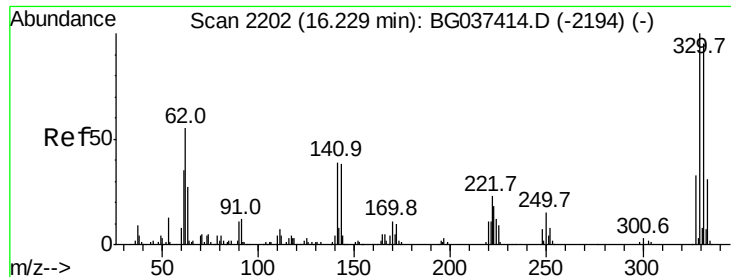
Tot Ion: 82 Resp: 390450
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 53.2 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037833.D
 Acq: 6 Nov 2018 10:55

Tgt Ion: 164 Resp: 171905
 Ion Ratio Lower Upper
 164 100
 162 105.0 81.3 121.9
 160 47.5 36.3 54.5

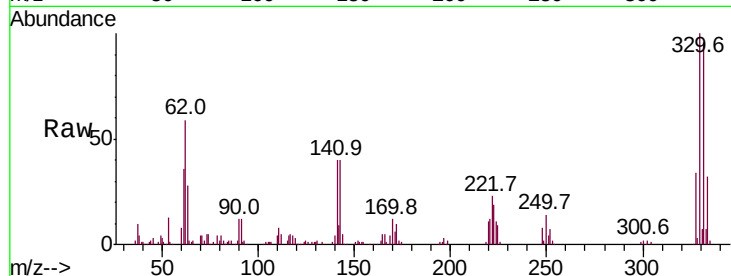




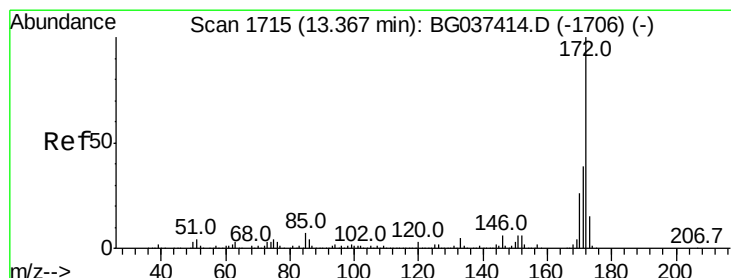
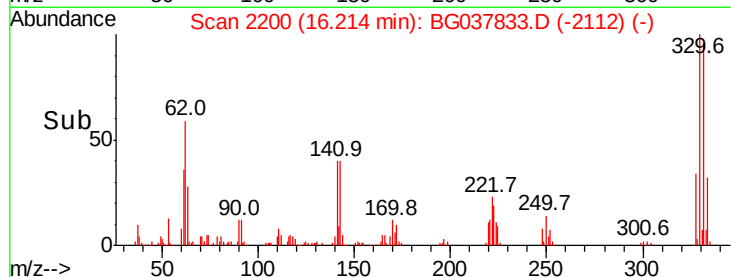
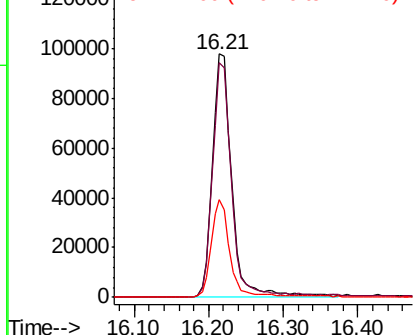
#42
 2,4,6-Tribromophenol
 Concen: 94.471 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037833.D
 Acq: 6 Nov 2018 10:55

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-I

Tot Ion:330 Resp: 177128
 Ion Ratio Lower Upper
 330 100
 332 93.2 78.4 117.6
 141 37.8 32.2 48.2

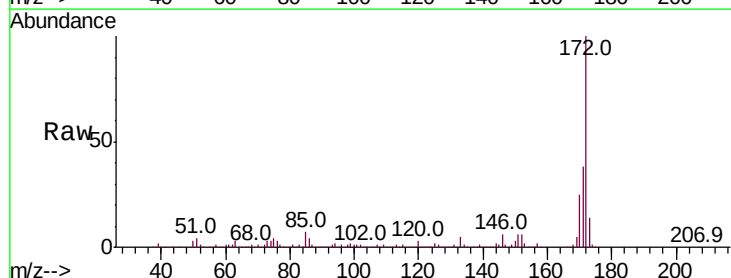


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

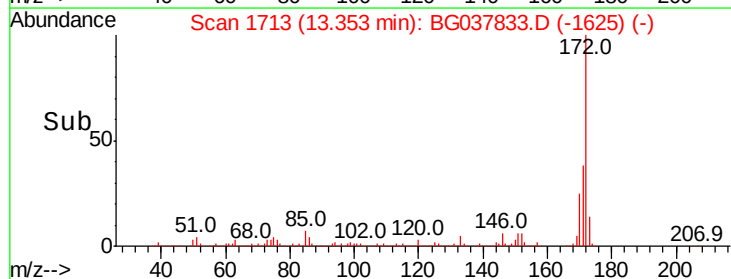
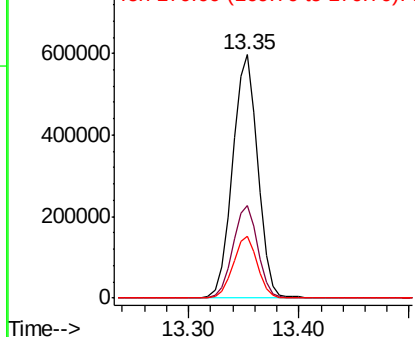


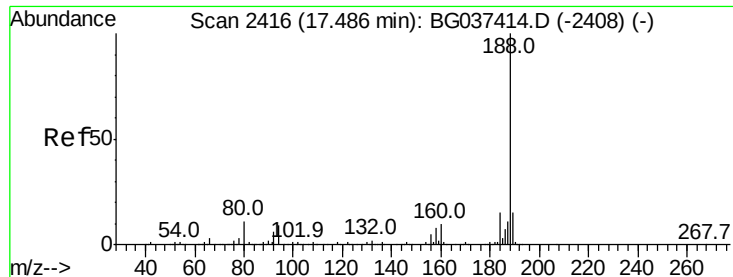
#45
 2-Fluorobiphenyl
 Concen: 83.877 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037833.D
 Acq: 6 Nov 2018 10:55

Tgt Ion:172 Resp: 956191
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.5 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

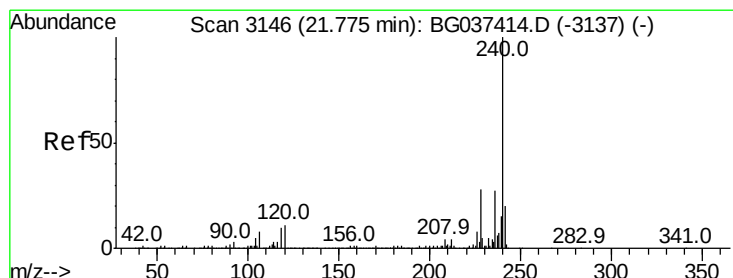
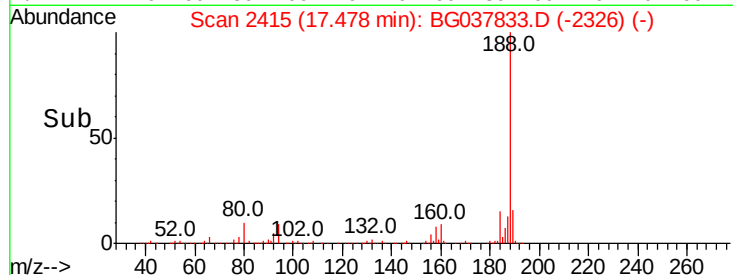
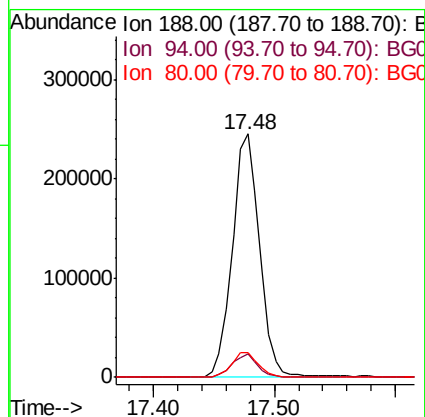
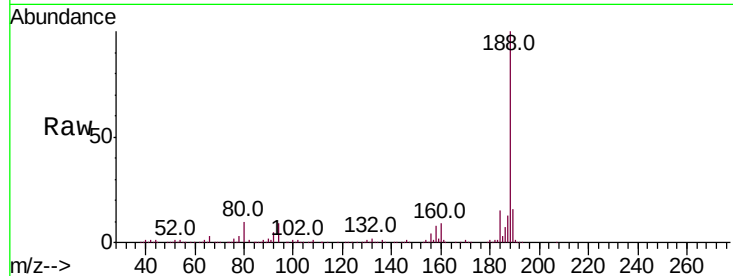




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037833.D
Acq: 6 Nov 2018 10:55

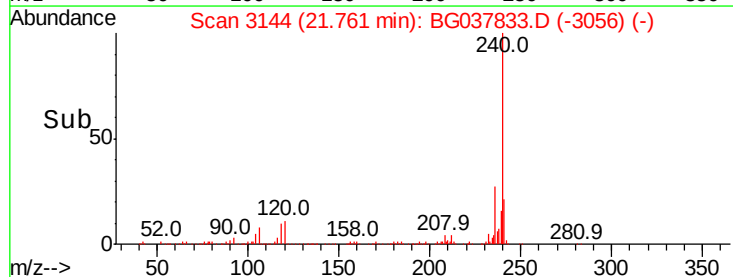
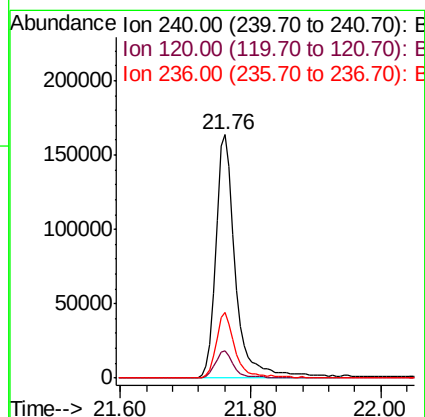
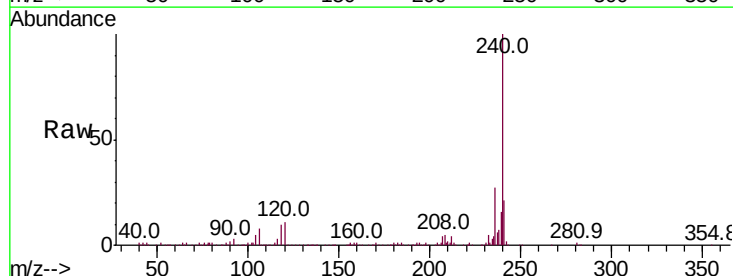
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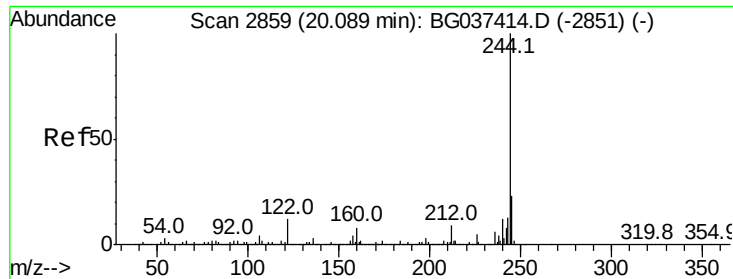
Tot Ion:188 Resp: 385642
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037833.D
Acq: 6 Nov 2018 10:55

Tgt Ion:240 Resp: 343960
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 83.584 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037833.D

Acq: 6 Nov 2018 10:55

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-I

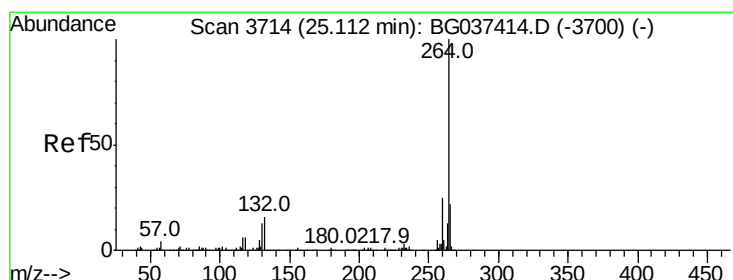
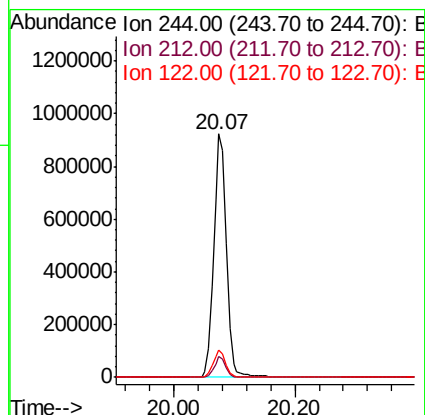
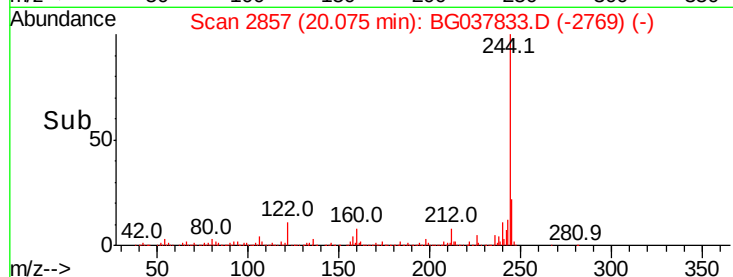
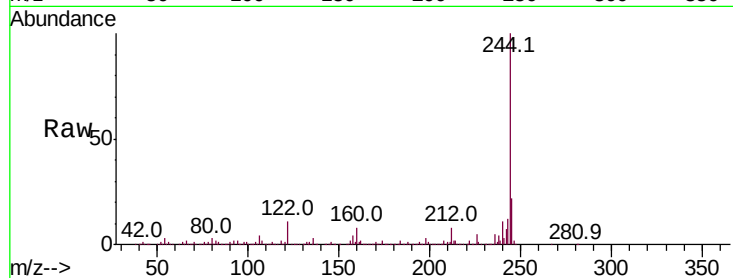
Tot Ion:244 Resp: 1345478

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 11.2 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037833.D

Acq: 6 Nov 2018 10:55

Tgt Ion:264 Resp: 267636

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.1 17.9 26.9

