

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037928.D
 Acq On : 9 Nov 2018 19:57
 Operator : JU/SJ
 Sample : J5876-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 48382-47191-47202

Quant Time: Nov 12 06:57:23 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	62356	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	281778	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	186298	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	413729	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	368337	20.00	ng	-0.02
87) Perylene-d12	25.09	264	286079	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	418056	112.09	ng	0.00
7) Phenol-d6	7.24	99	550362	97.58	ng	0.00
23) Nitrobenzene-d5	9.27	82	400036	79.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	204507	100.65	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	938101	75.93	ng	-0.02
79) Terphenyl-d14	20.07	244	1422975	82.55	ng	-0.02

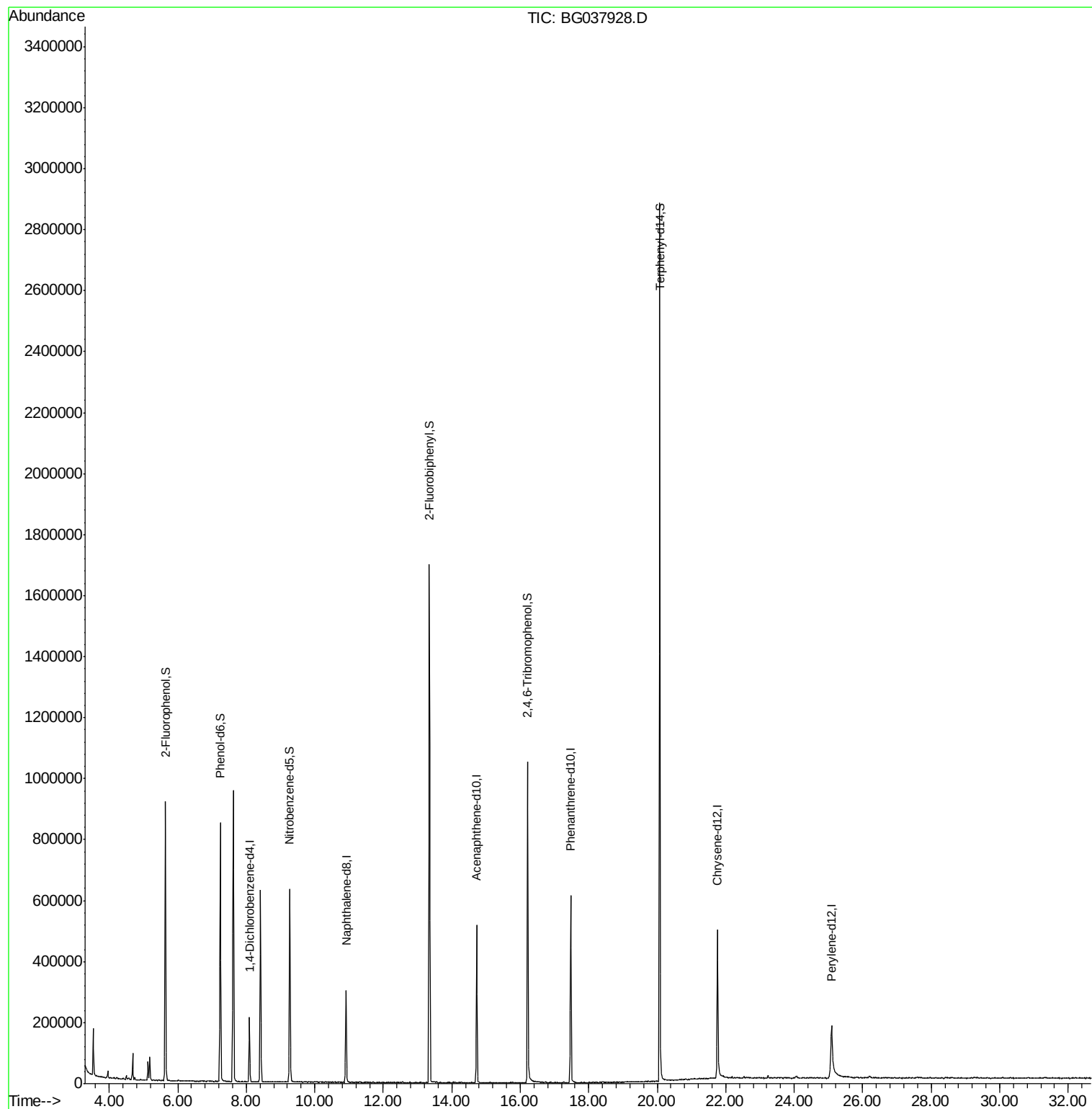
Target Compounds Qvalue

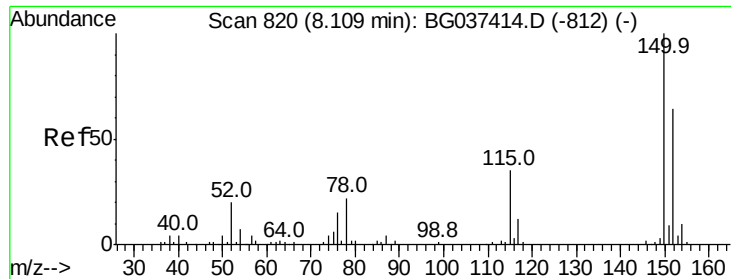
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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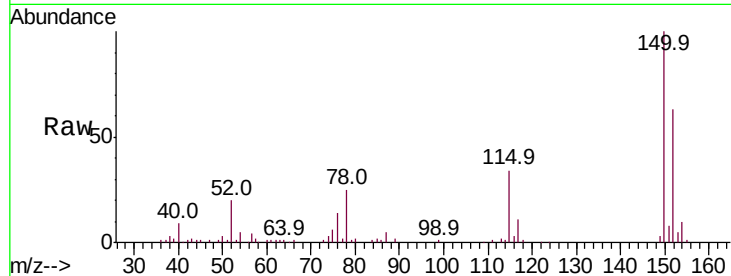


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.0	189.0
115	53.4	45.5	68.3

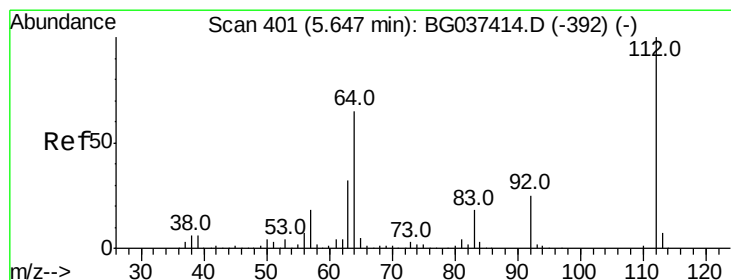
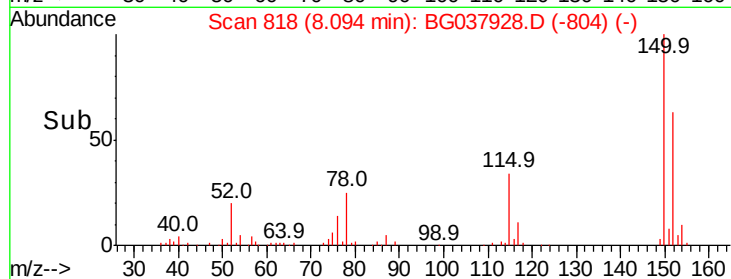
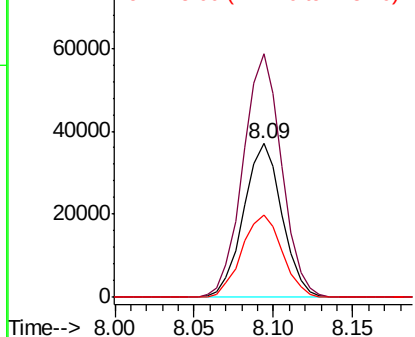


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

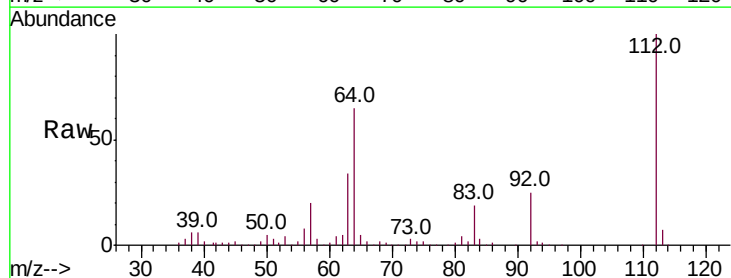
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.087 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.7	27.3	40.9

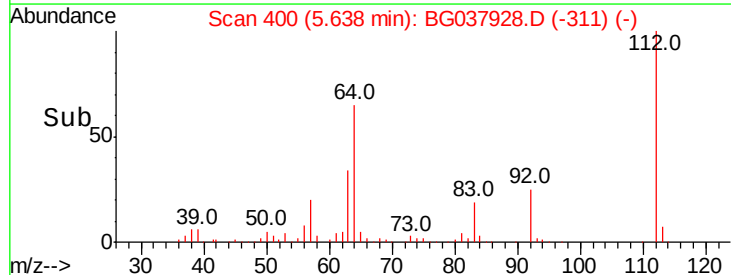
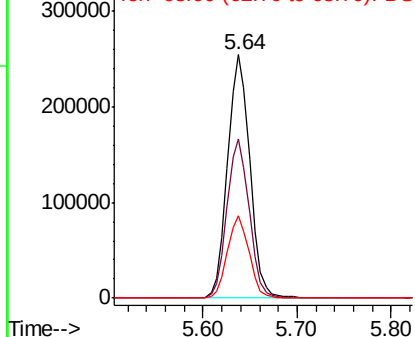


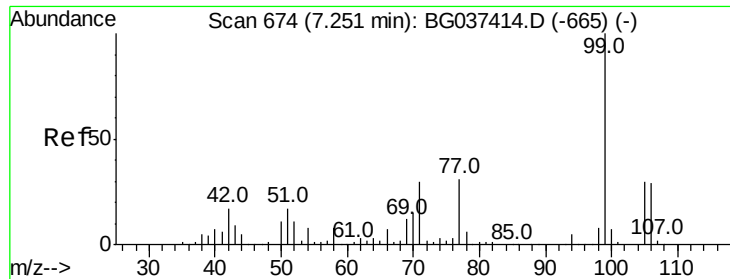
Abundance

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: 97.584 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

48382-47191-47202

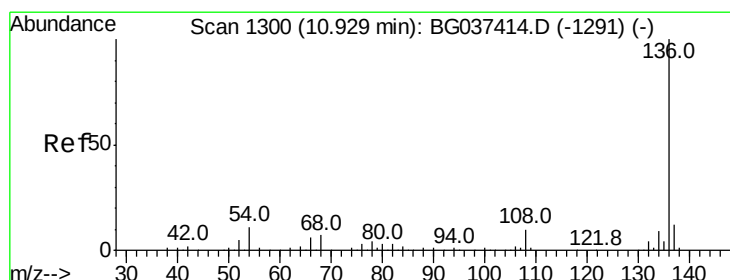
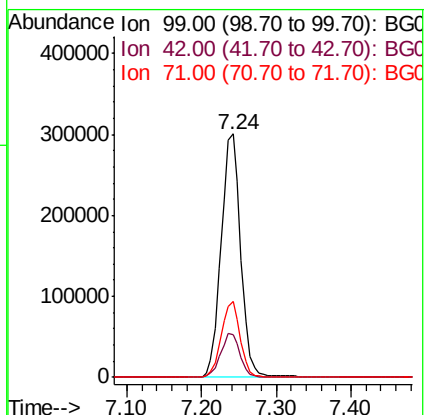
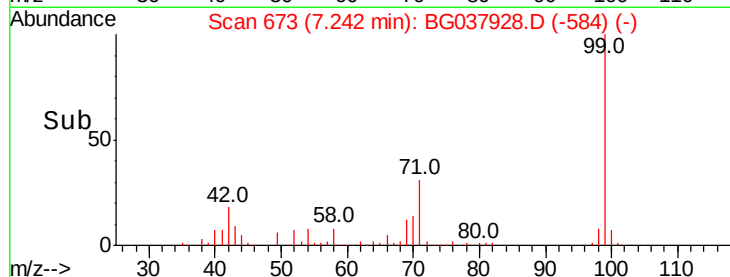
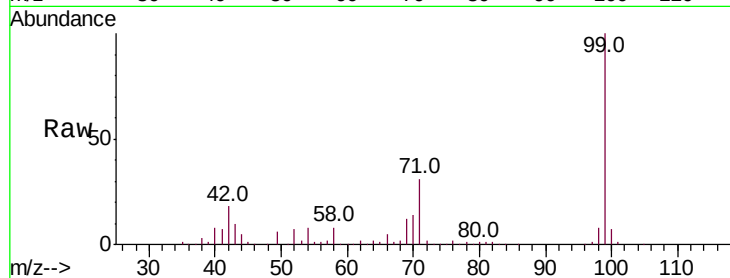
Tot Ion: 99 Resp: 550362

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

71 31.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Tgt Ion: 136 Resp: 281778

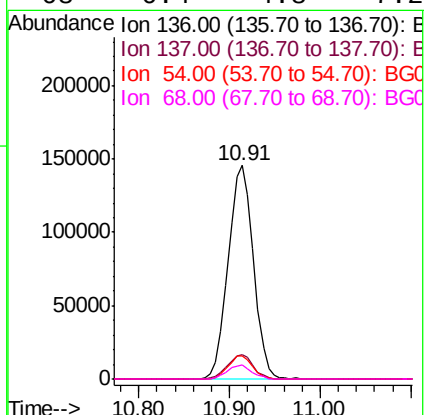
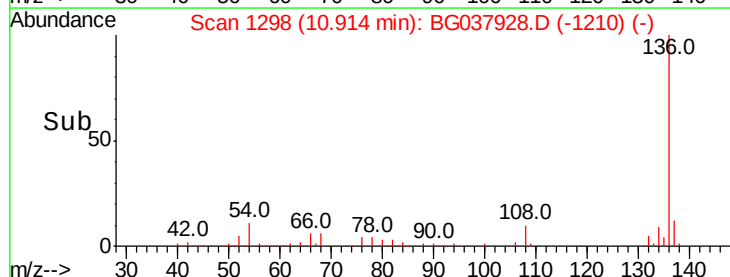
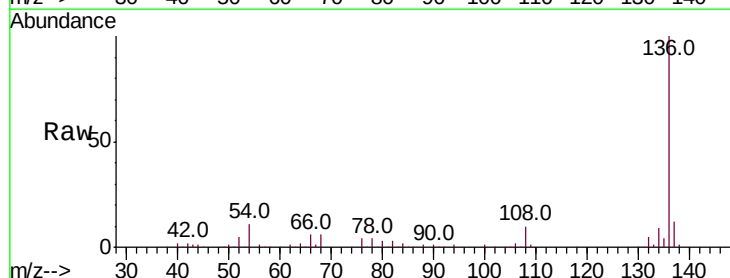
Ion Ratio Lower Upper

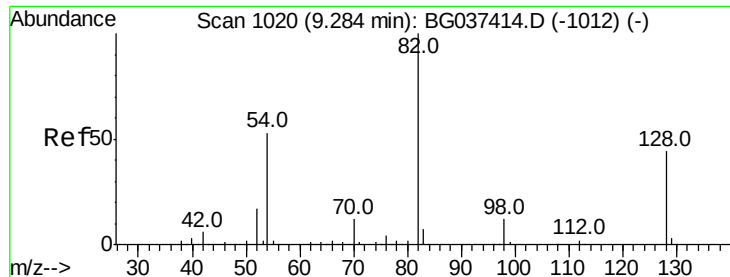
136 100

137 11.6 9.6 14.4

54 10.5 7.9 11.9

68 6.4 4.8 7.2

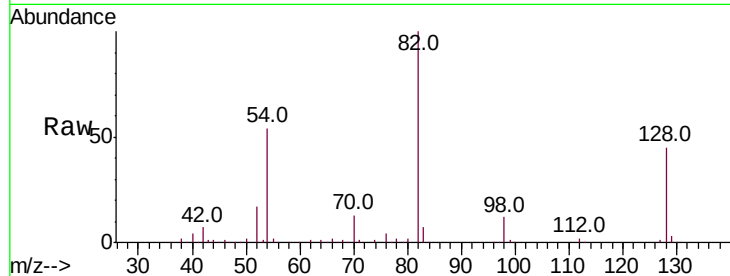




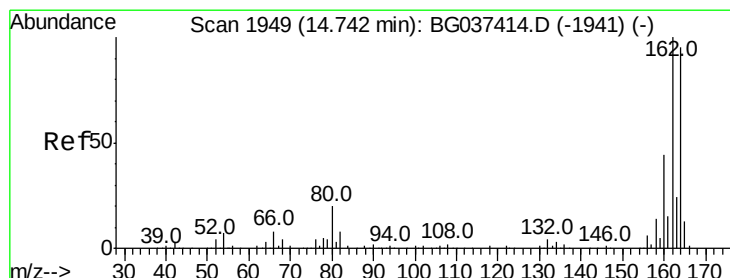
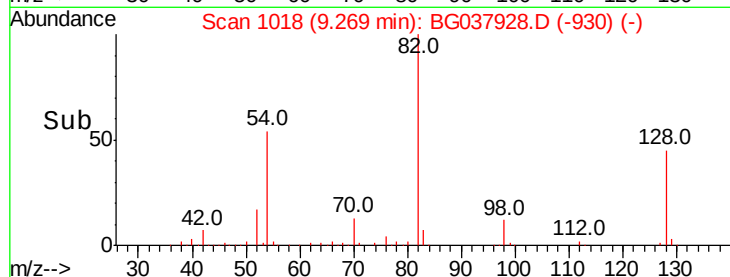
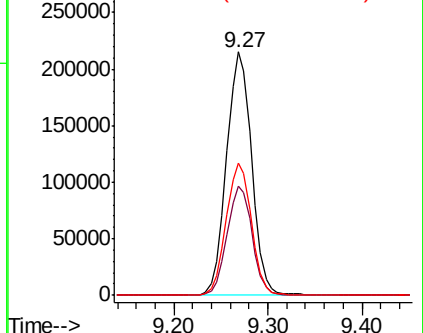
#23
Nitrobenzene-d5
Concen: 79.529 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	54.1	45.3	67.9

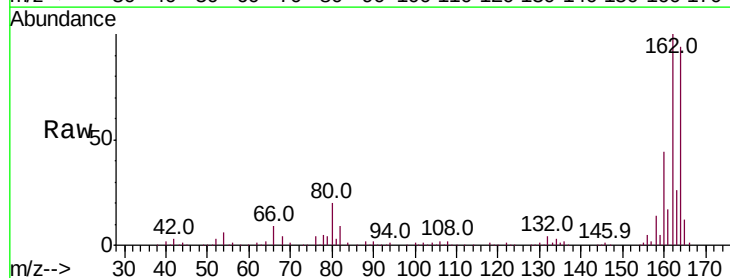


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

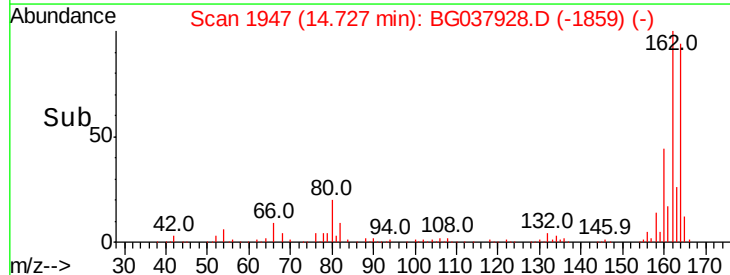
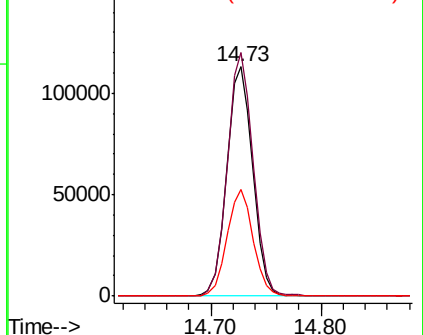


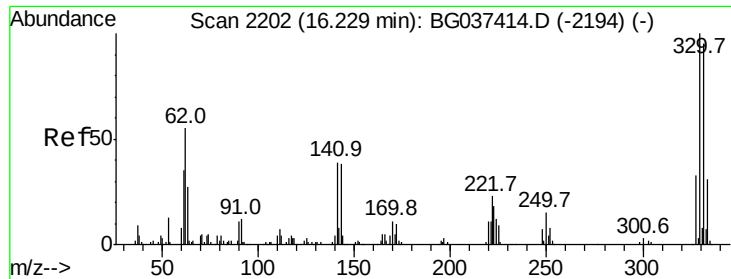
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.3	121.9
160	46.4	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: 100.647 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

48382-47191-47202

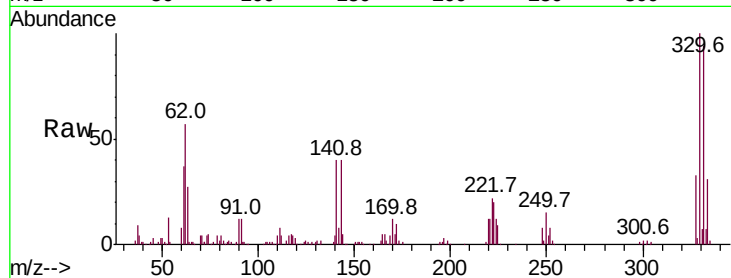
Tot Ion:330 Resp: 204507

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

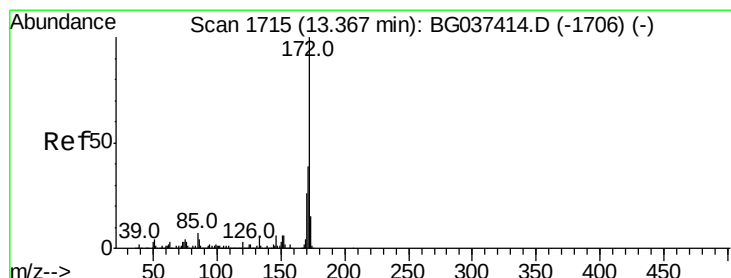
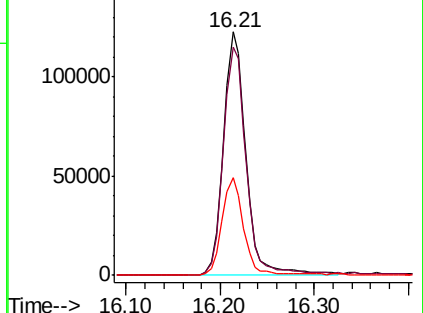
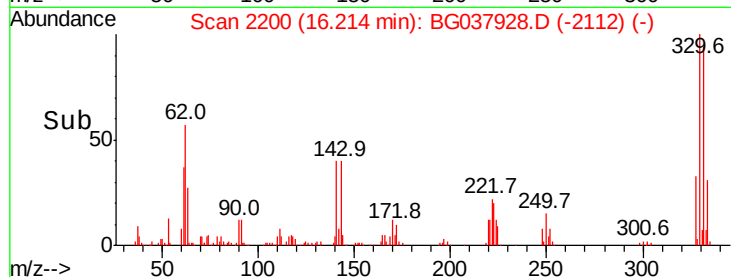
141 38.6 32.2 48.2



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: 75.932 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

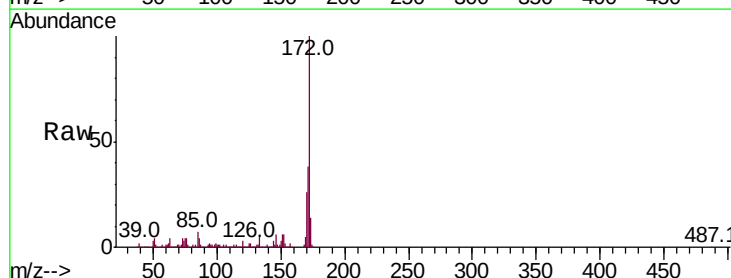
Tgt Ion:172 Resp: 938101

Ion Ratio Lower Upper

172 100

171 37.9 31.0 46.4

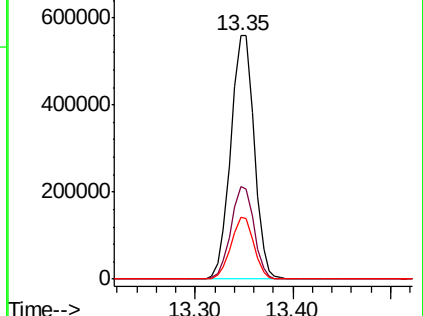
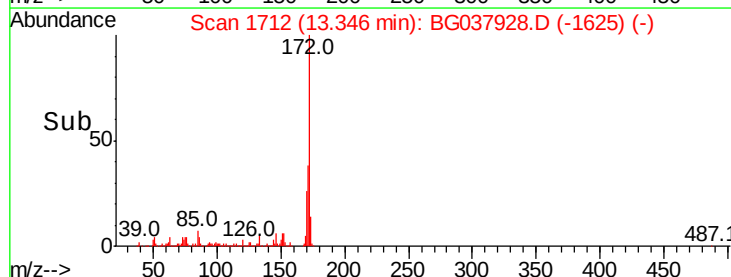
170 25.6 20.2 30.2

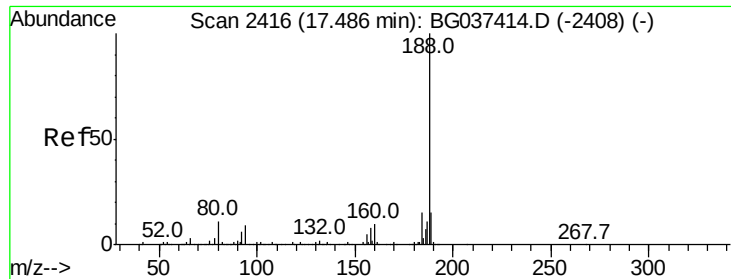


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

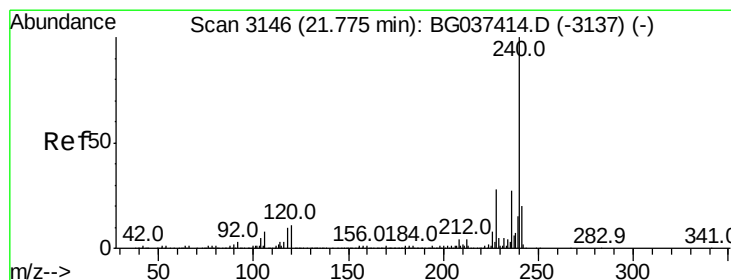
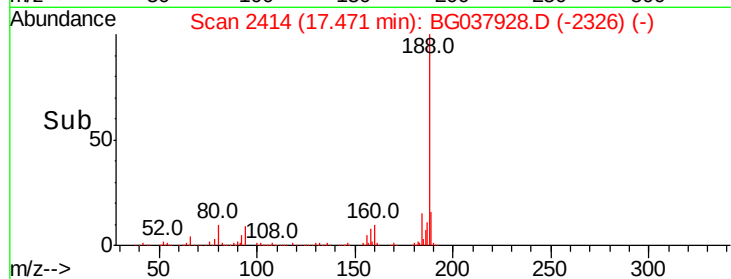
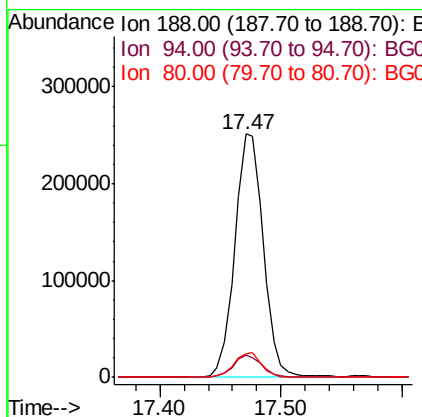
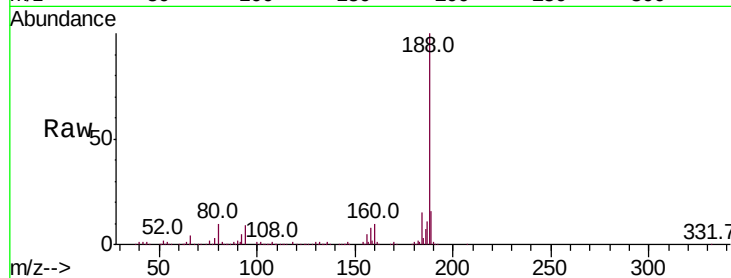




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

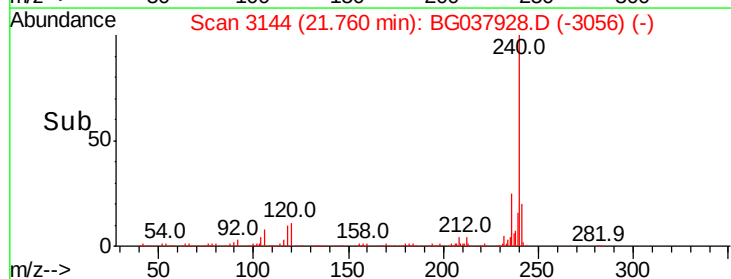
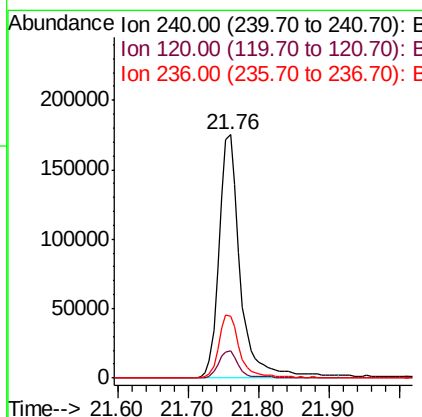
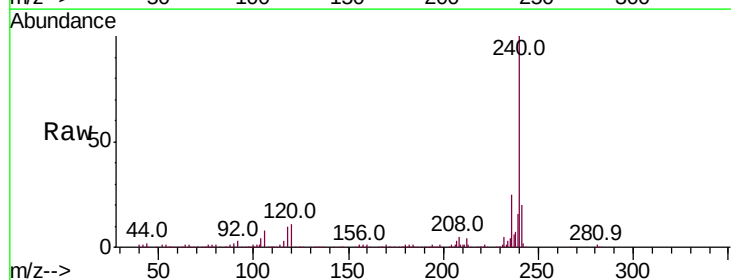
Instrument :
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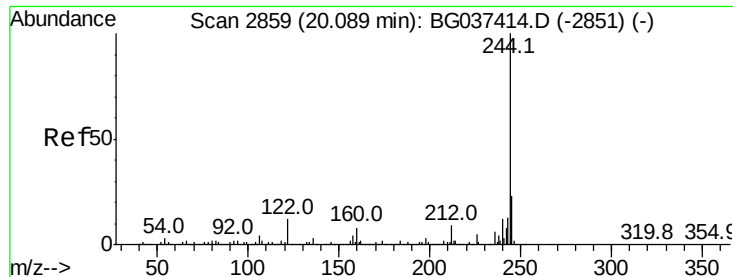
Tot Ion:188 Resp: 413729
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Tgt Ion:240 Resp: 368337
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.5 21.4 32.0





#79

Terphenyl-d14

Concen: 82.548 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

48382-47191-47202

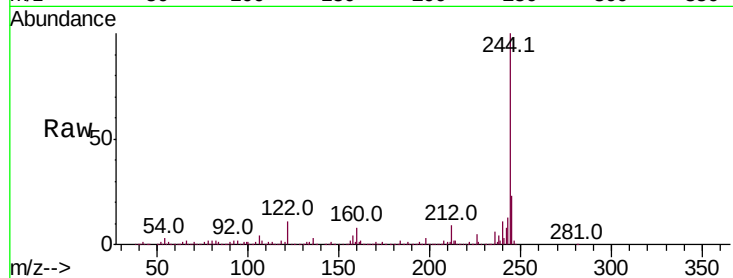
Tot Ion:244 Resp: 1422975

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

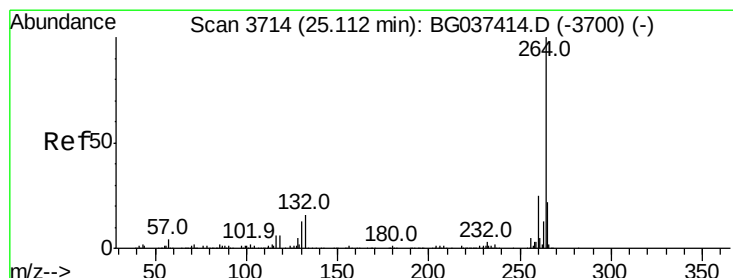
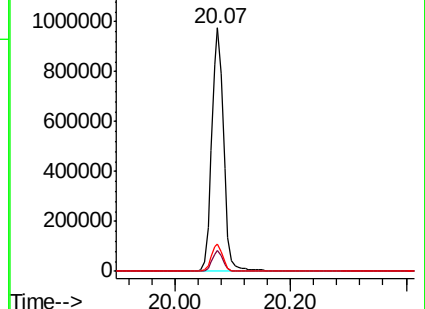
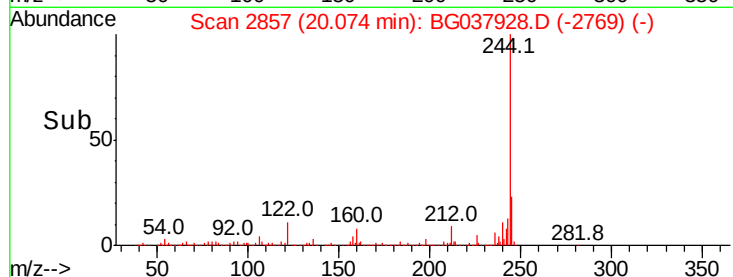
122 11.3 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

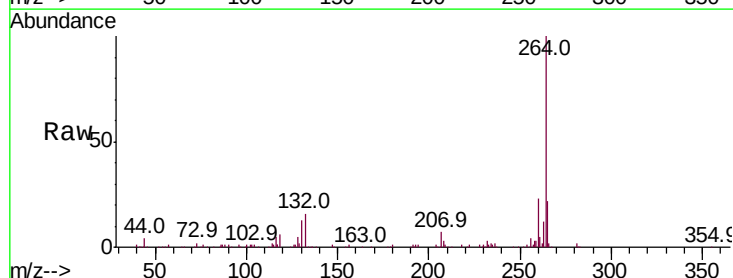
Tgt Ion:264 Resp: 286079

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.8 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

