

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037831.D
 Acq On : 6 Nov 2018 9:37
 Operator : JU/SJ
 Sample : J5764-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Nov 06 12:31:15 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	8.10	152	55208	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	245531	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	158750	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	352723	20.00	ng	0.00
76) Chrysene-d12	21.76	240	306815	20.00	ng	-0.02
87) Perylene-d12	25.09	264	222904	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361261	109.40	ng	0.00
7) Phenol-d6	7.24	99	468076	93.74	ng	0.00
23) Nitrobenzene-d5	9.27	82	357114	81.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	159855	92.32	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	883746	83.95	ng	-0.02
79) Terphenyl-d14	20.07	244	1260062	87.76	ng	-0.02

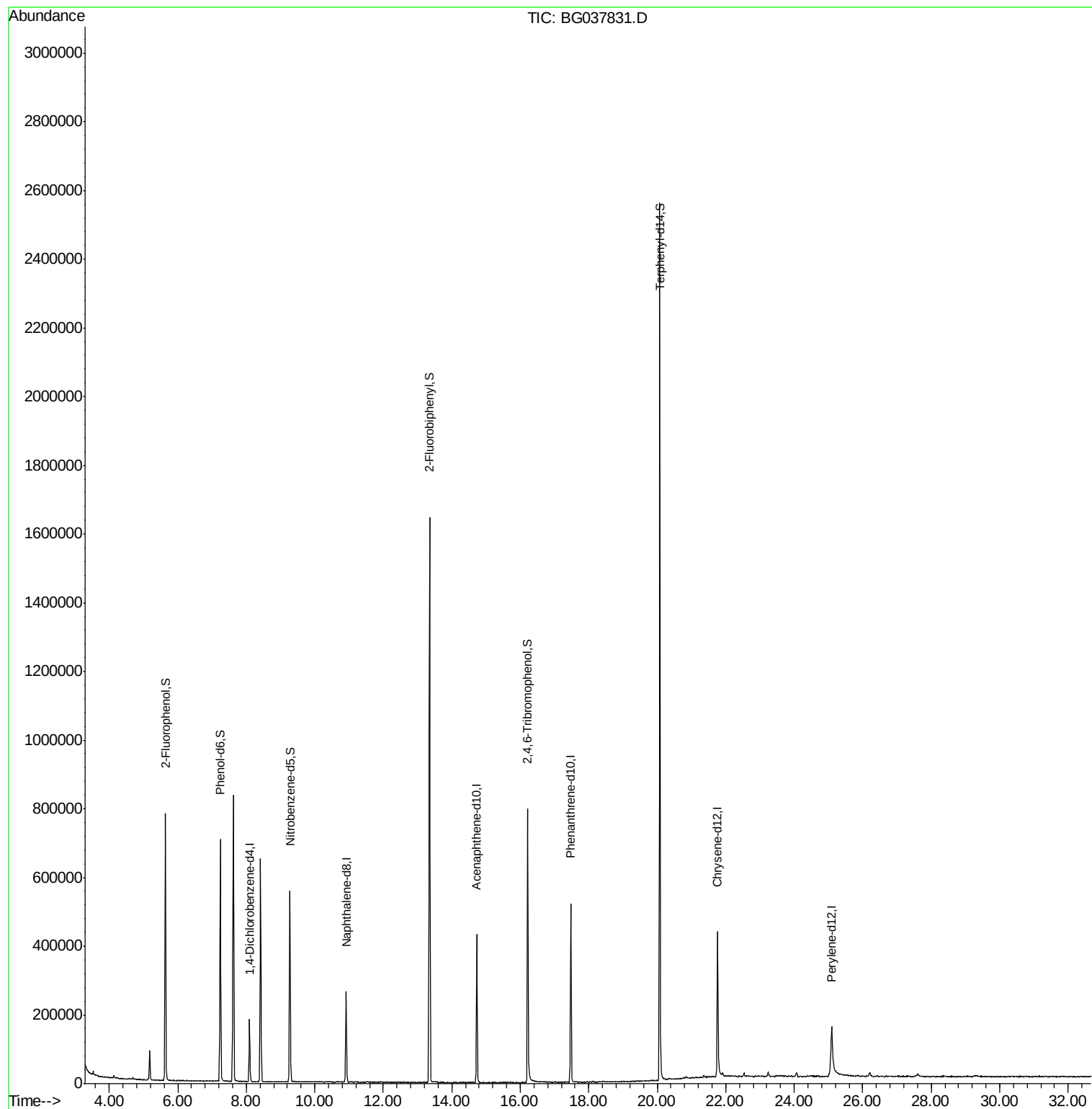
Target Compounds Qvalue

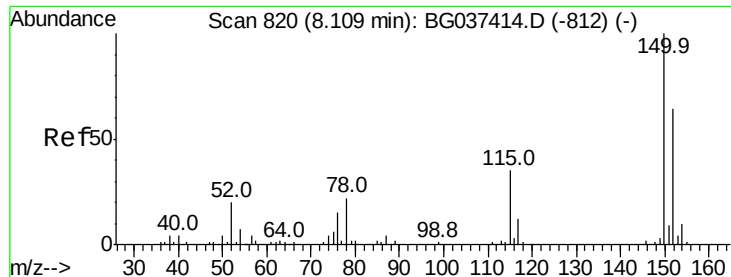
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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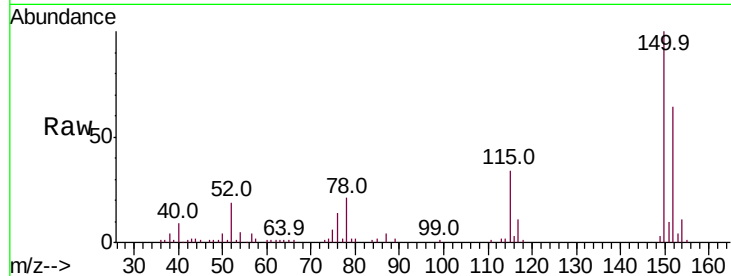


#1

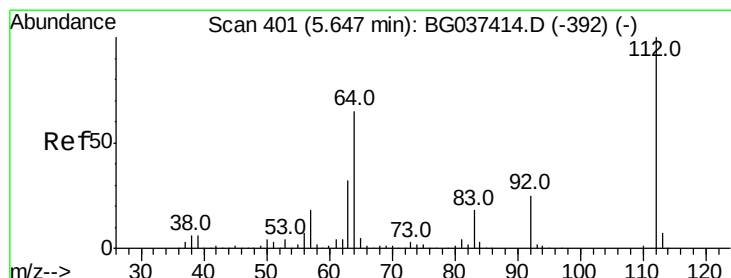
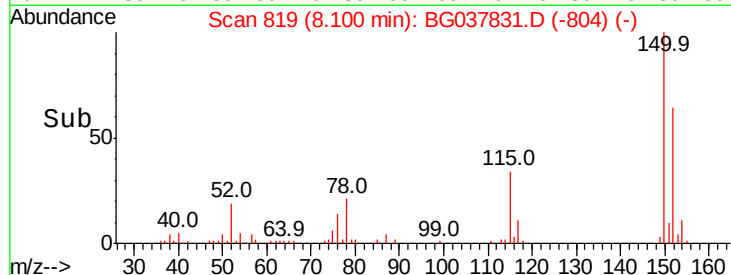
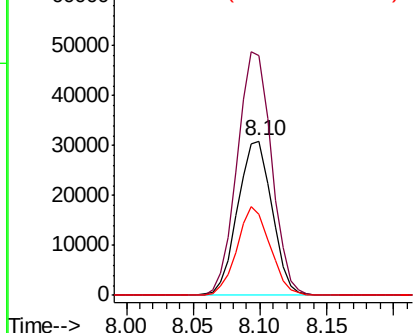
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037831.D
Acq: 6 Nov 2018 9:37

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

Tot Ion:152 Resp: 55208
Ion Ratio Lower Upper
152 100
150 155.2 126.0 189.0
115 52.7 45.5 68.3



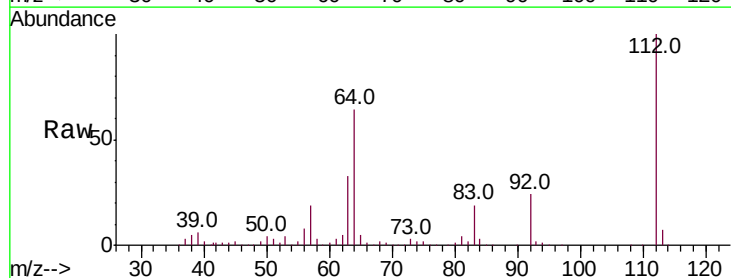
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



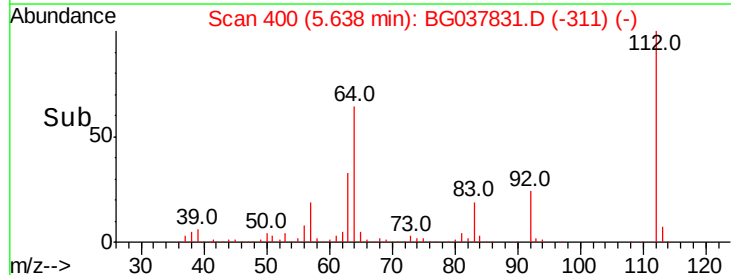
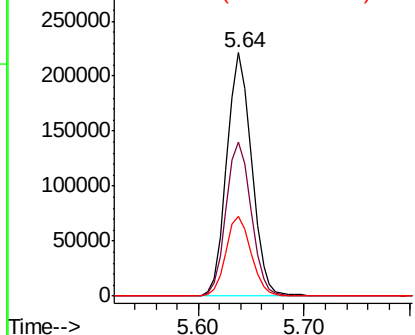
#5

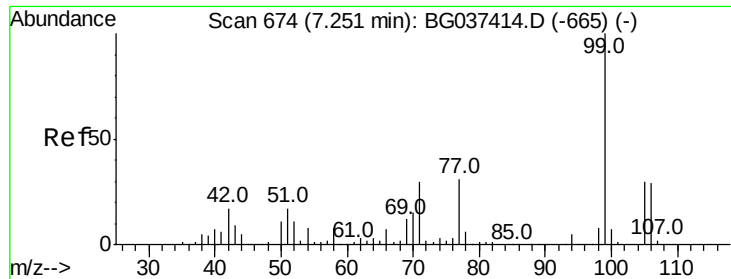
2-Fluorophenol
Concen: 109.400 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037831.D
Acq: 6 Nov 2018 9:37

Tgt Ion:112 Resp: 361261
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 32.7 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: 93.740 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-E

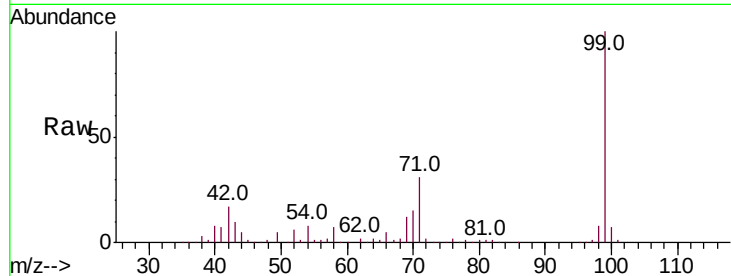
Tot Ion: 99 Resp: 468076

Ion Ratio Lower Upper

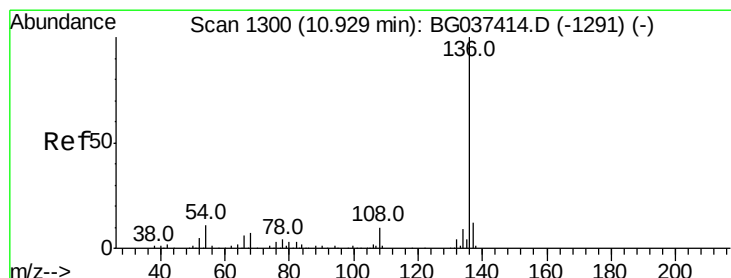
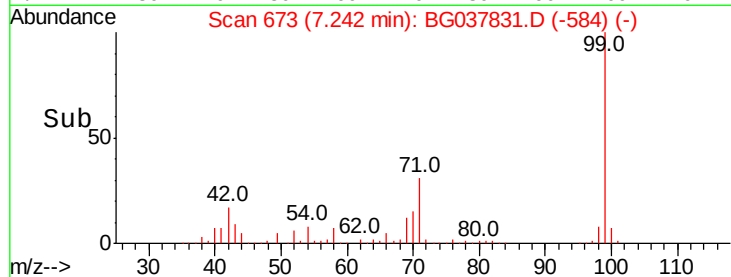
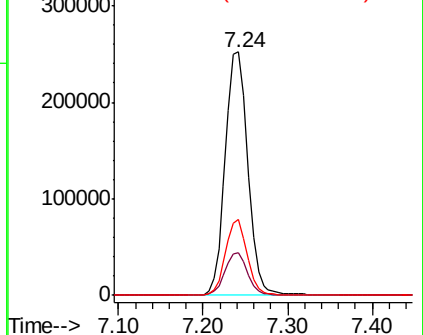
99 100

42 17.5 15.0 22.4

71 31.4 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. -0.02 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

Tgt Ion: 136 Resp: 245531

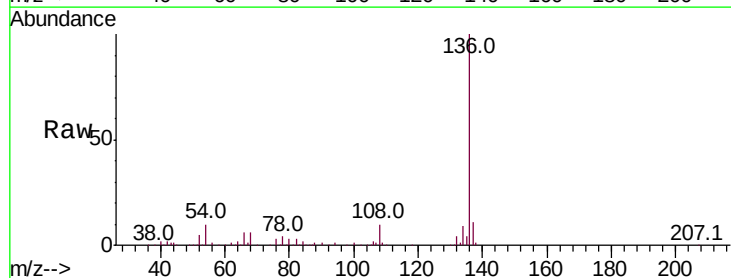
Ion Ratio Lower Upper

136 100

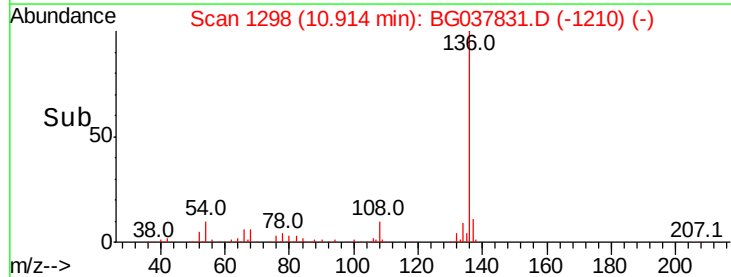
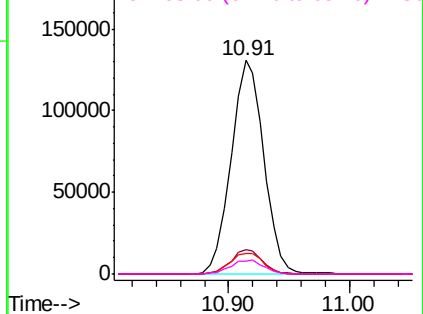
137 11.1 9.6 14.4

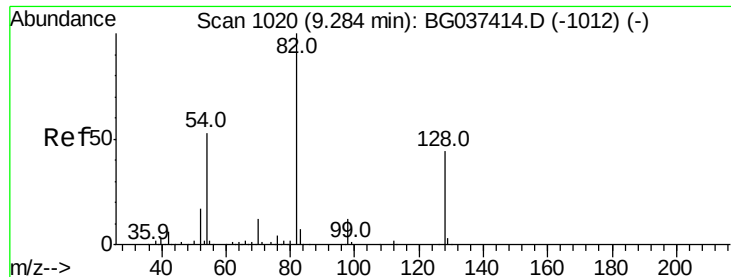
54 9.9 7.9 11.9

68 6.2 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

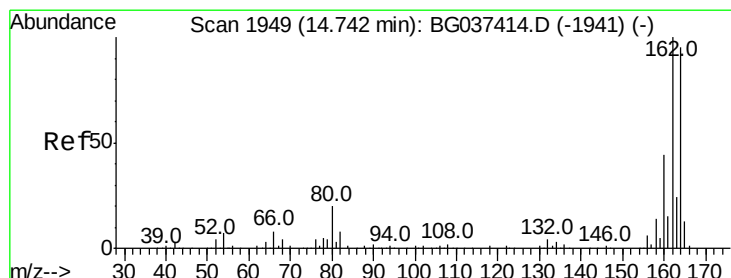
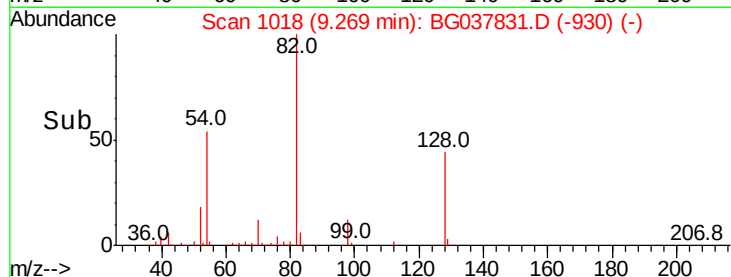
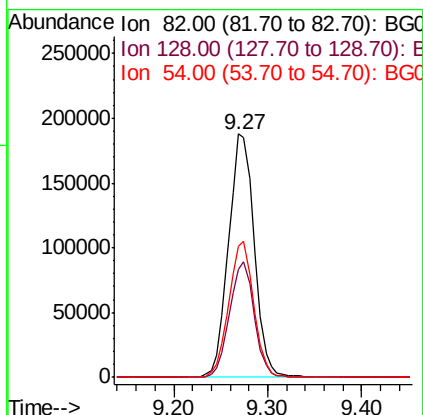
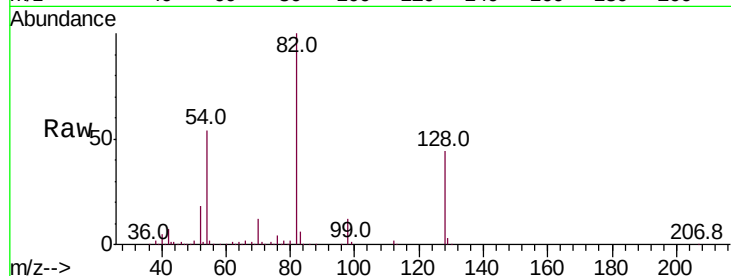




#23
 Nitrobenzene-d5
 Concen: 81.477 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

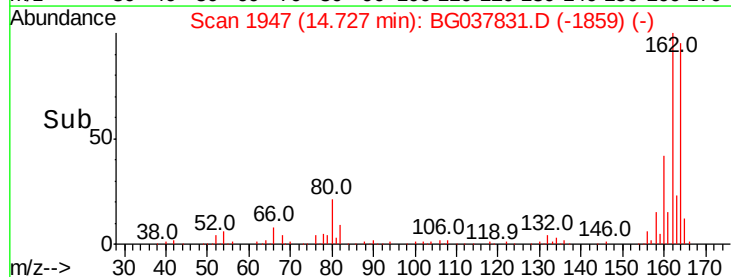
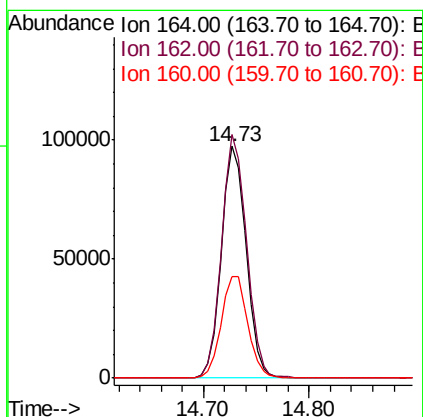
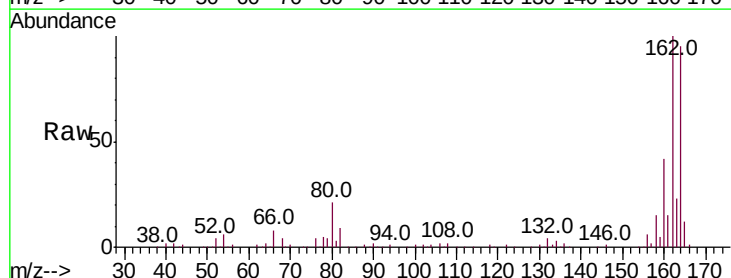
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-E

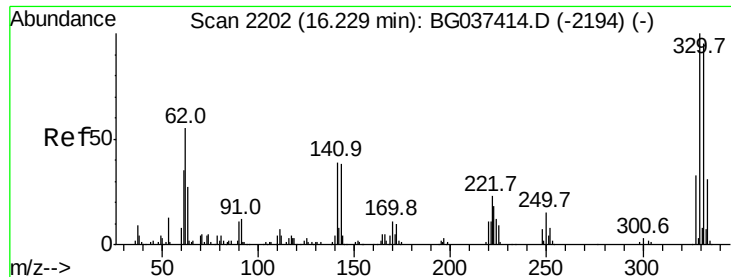
Tot Ion: 82 Resp: 357114
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 53.7 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Tgt Ion: 164 Resp: 158750
 Ion Ratio Lower Upper
 164 100
 162 104.9 81.3 121.9
 160 43.7 36.3 54.5

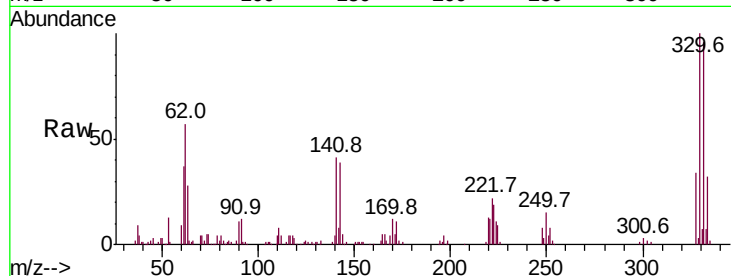




#42
 2,4,6-Tribromophenol
 Concen: 92.323 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	39.1	32.2	48.2

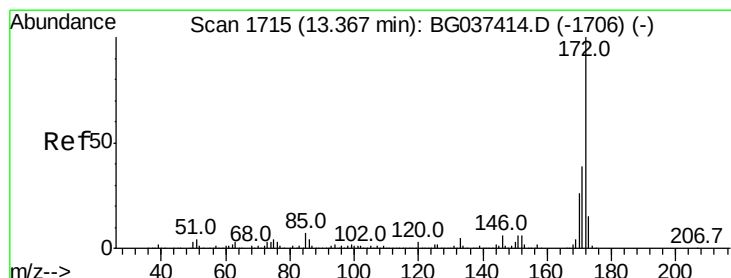
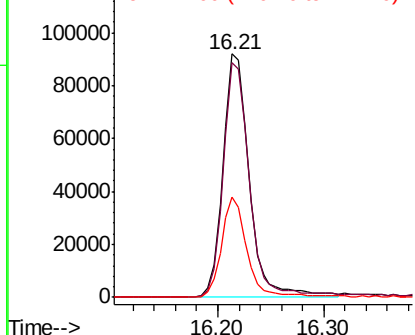
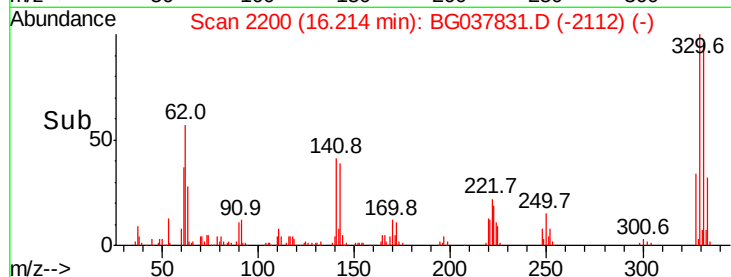


Abundance

Ion 329.80 (329.50 to 330.50): E

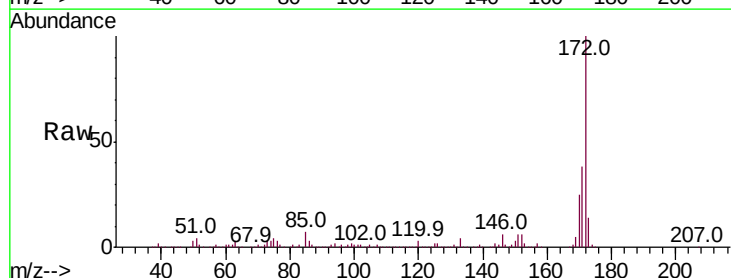
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.946 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.8	20.2	30.2

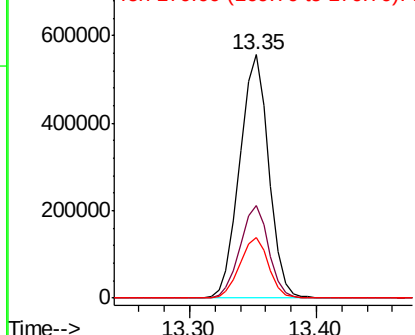
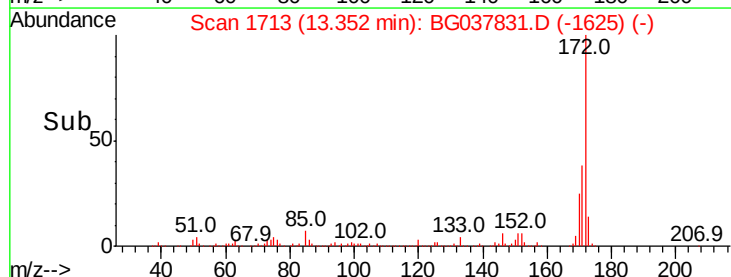


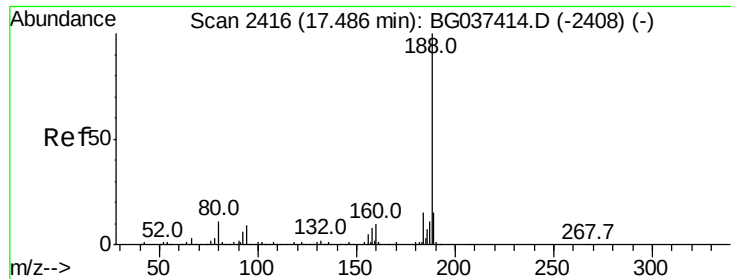
Abundance

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

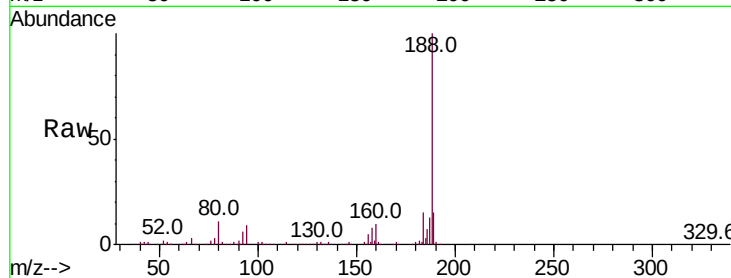




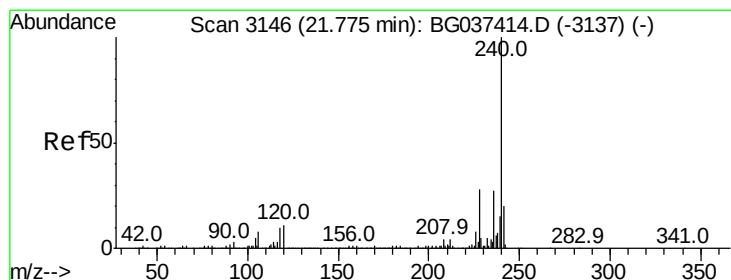
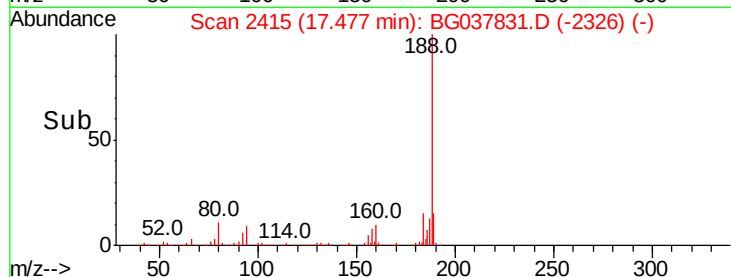
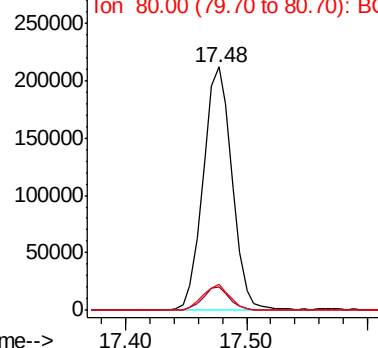
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037831.D
Acq: 6 Nov 2018 9:37

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

Tot Ion:188 Resp: 352723
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.8 7.7 11.5

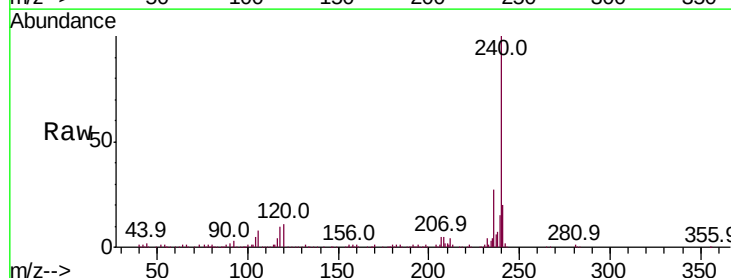


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

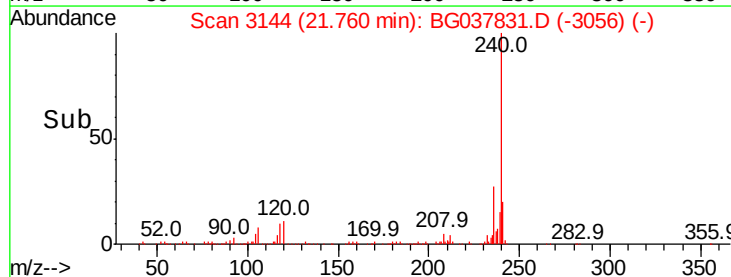
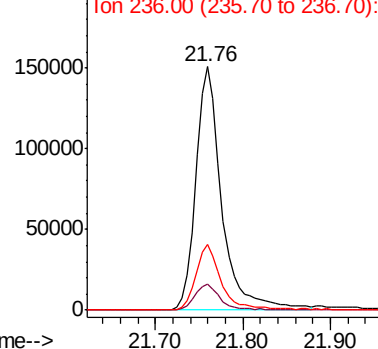


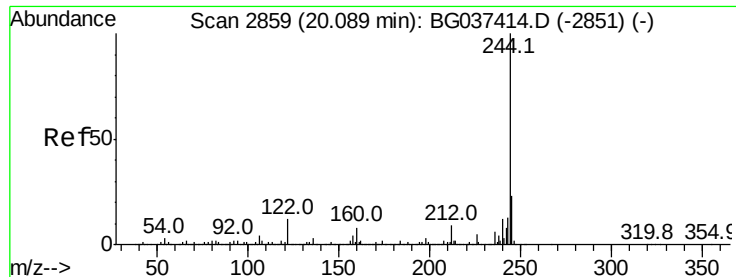
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037831.D
Acq: 6 Nov 2018 9:37

Tgt Ion:240 Resp: 306815
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.7 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: 87.755 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

Instrument :

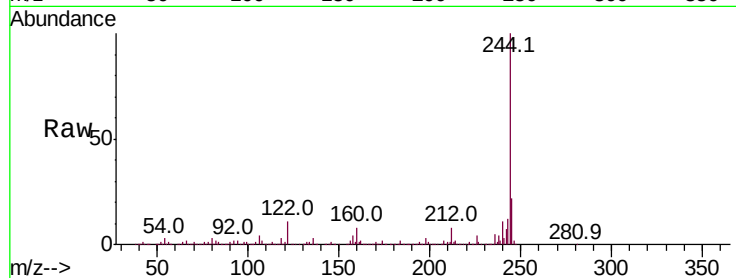
BNA_G

ClientSampleId :

JC-03-110218-E

Tot Ion:244 Resp: 1260062

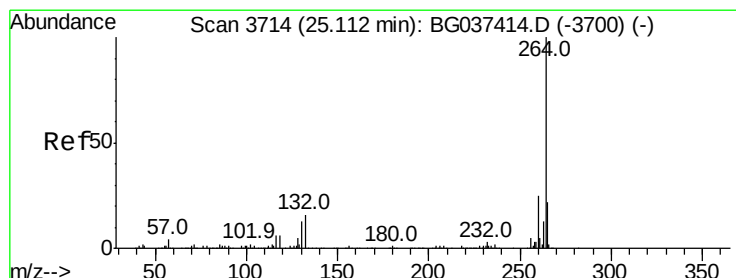
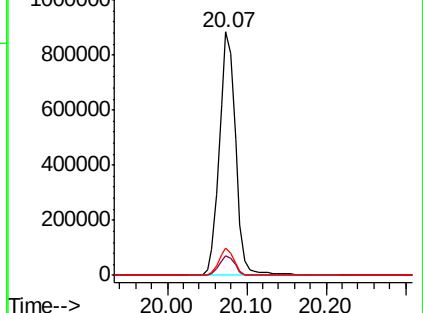
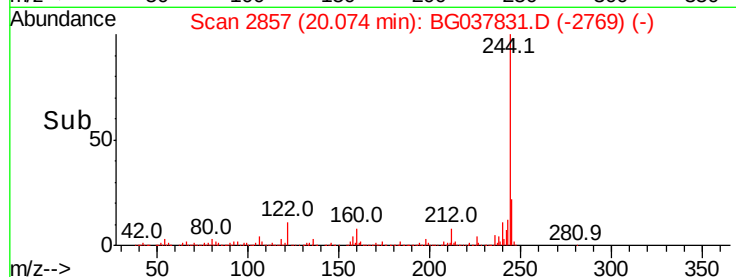
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.3	9.0	13.4



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

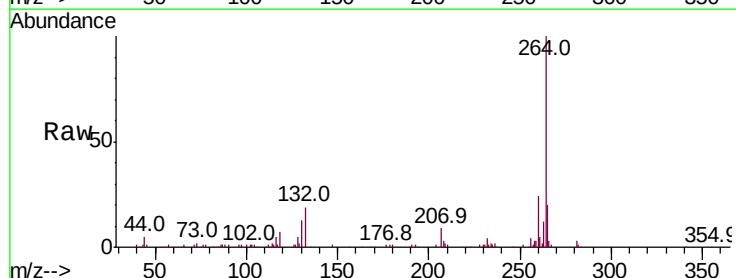
Delta R.T. -0.02 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

Tgt Ion:264 Resp: 222904

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	20.3	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

