

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037714.D
 Acq On : 1 Nov 2018 11:57
 Operator : JU/SJ
 Sample : J5731-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 103018-SIDI-E-U-S

Quant Time: Nov 01 14:24:08 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

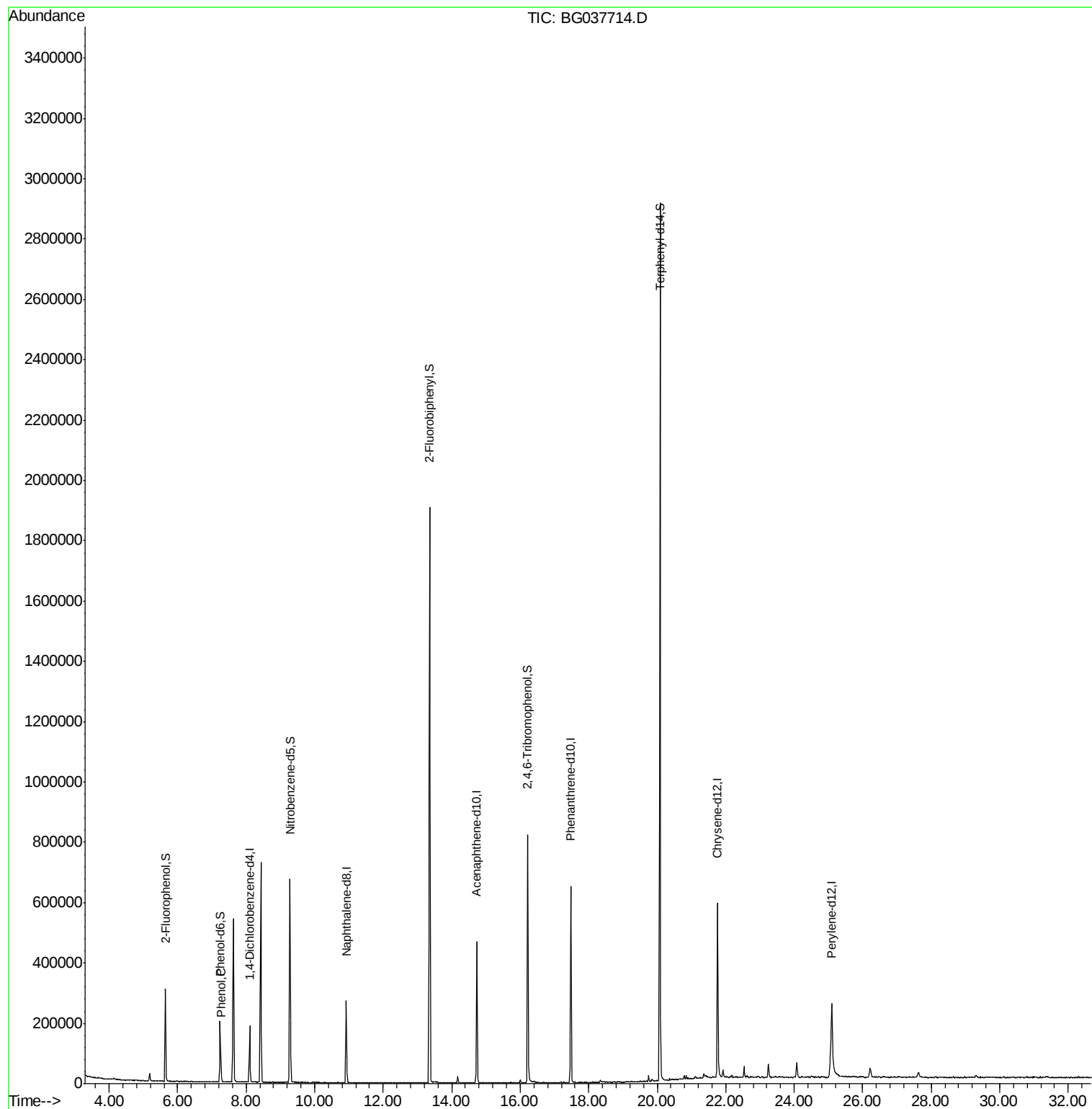
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58553	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	255056	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	176435	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	415996	20.00	ng	0.00
76) Chrysene-d12	21.76	240	378990	20.00	ng	-0.01
87) Perylene-d12	25.09	264	345926	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	142421	40.67	ng	0.00
7) Phenol-d6	7.24	99	131611	24.85	ng	-0.01
23) Nitrobenzene-d5	9.28	82	429394	94.31	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	164929	85.71	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1025837	87.68	ng	-0.01
79) Terphenyl-d14	20.08	244	1476173	83.23	ng	0.00
Target Compounds						
10) Phenol	7.27	94	17772	3.181	ng	Qvalue 97

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

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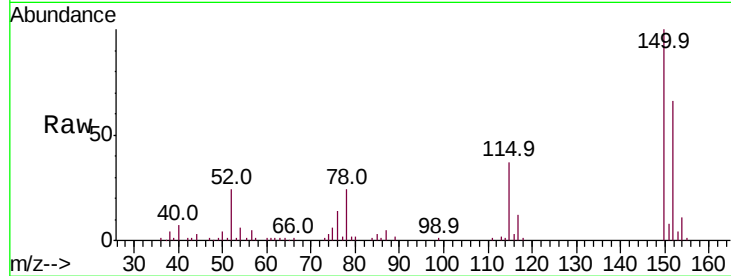


#1

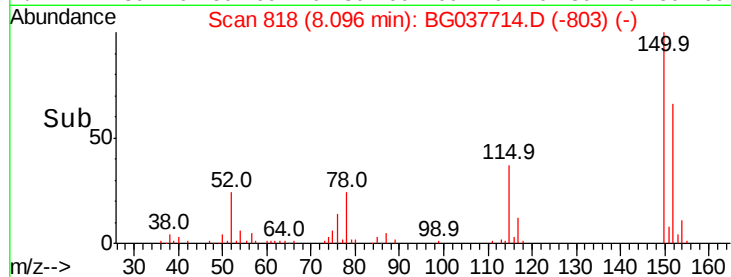
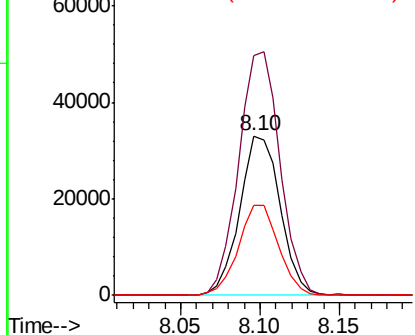
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037714.D
Acq: 1 Nov 2018 11:57

Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-U-S

Tot Ion:152 Resp: 58553
Ion Ratio Lower Upper
152 100
150 150.5 126.0 189.0
115 56.1 45.5 68.3



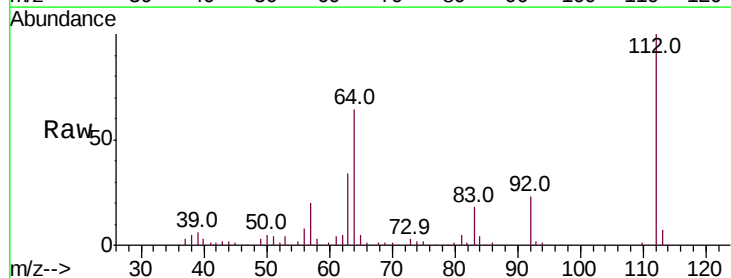
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



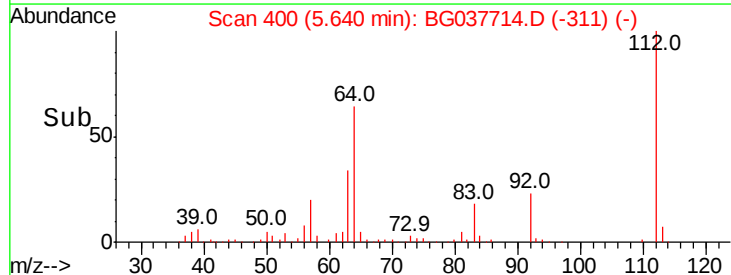
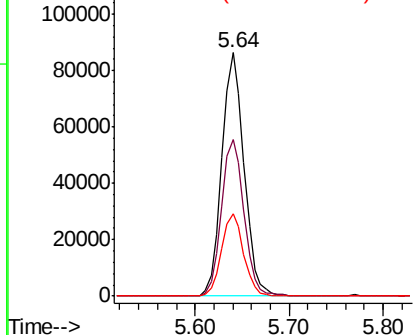
#5

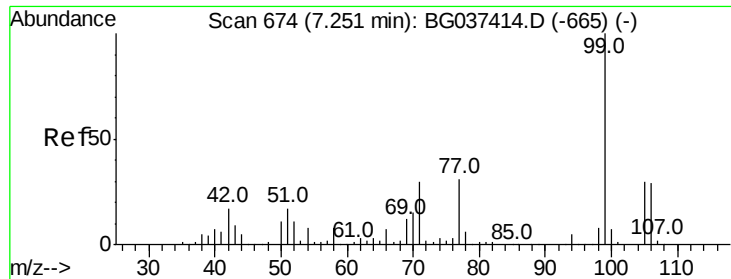
2-Fluorophenol
Concen: 40.665 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037714.D
Acq: 1 Nov 2018 11:57

Tgt Ion:112 Resp: 142421
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 33.8 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: 24.852 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037714.D

Acq: 1 Nov 2018 11:57

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-U-S

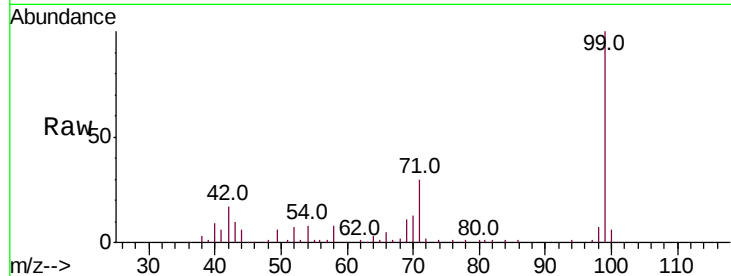
Tot Ion: 99 Resp: 131611

Ion Ratio Lower Upper

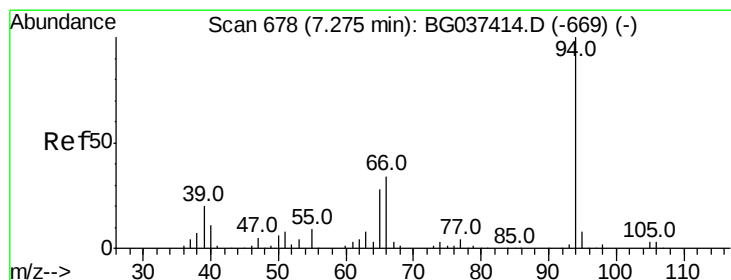
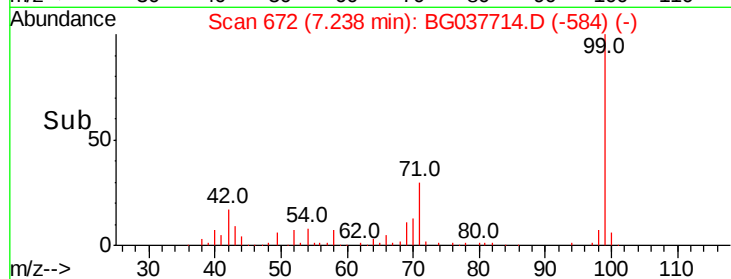
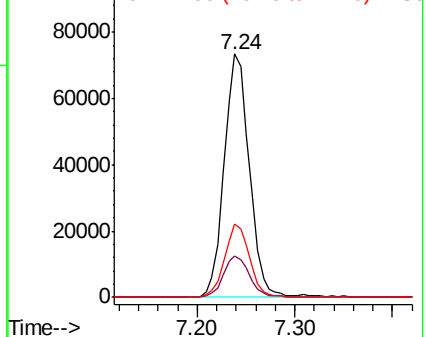
99 100

42 17.2 15.0 22.4

71 30.3 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



#10

Phenol

Concen: 3.181 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037714.D

Acq: 1 Nov 2018 11:57

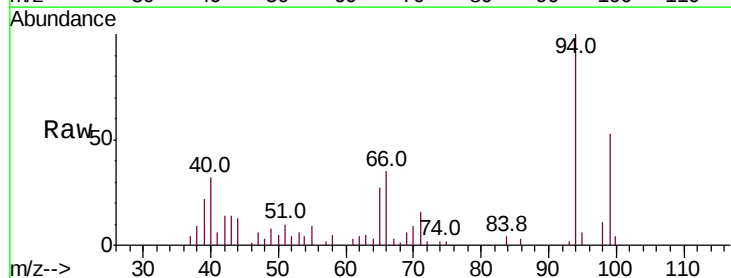
Tgt Ion: 94 Resp: 17772

Ion Ratio Lower Upper

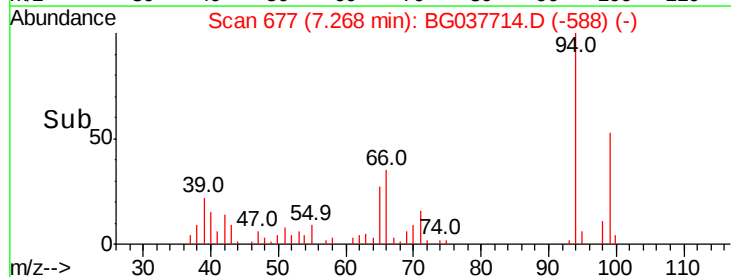
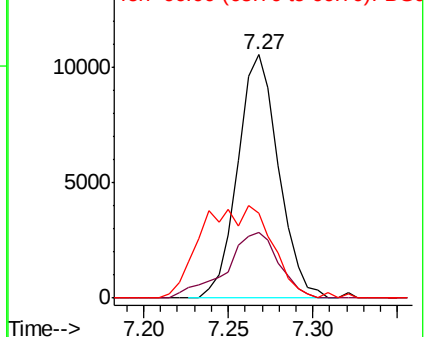
94 100

65 27.0 9.7 49.7

66 34.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

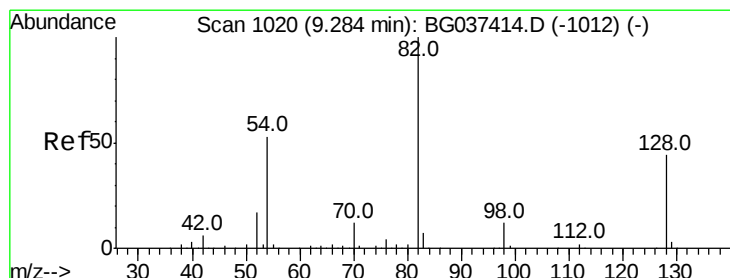
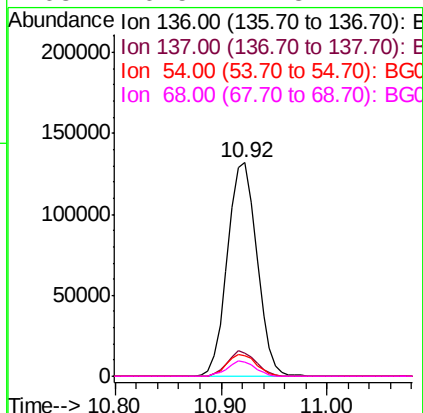
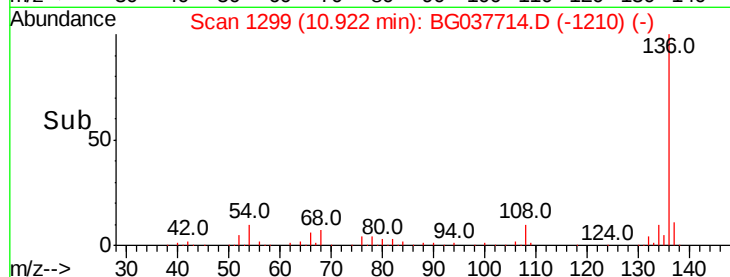
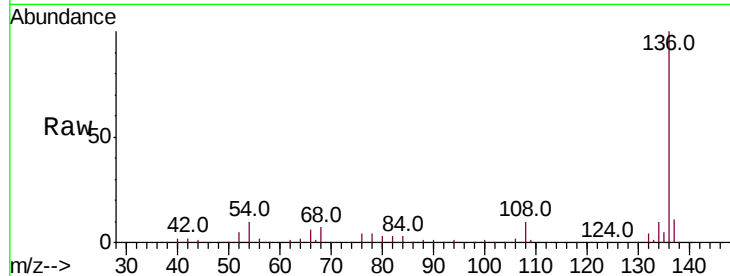




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037714.D
Acq: 1 Nov 2018 11:57

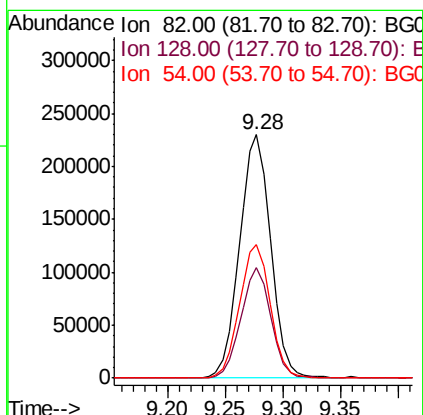
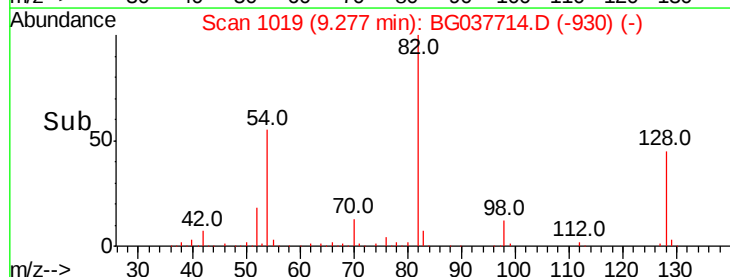
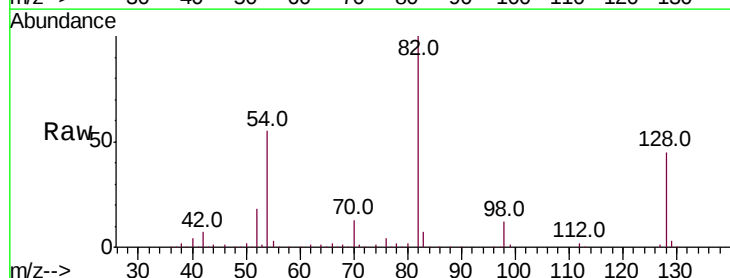
Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-U-S

Tot Ion:	136	Resp:	255056
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.5	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 94.310 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037714.D
Acq: 1 Nov 2018 11:57

Tgt Ion:	82	Resp:	429394
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	54.7	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037714.D

Acq: 1 Nov 2018 11:57

Instrument :

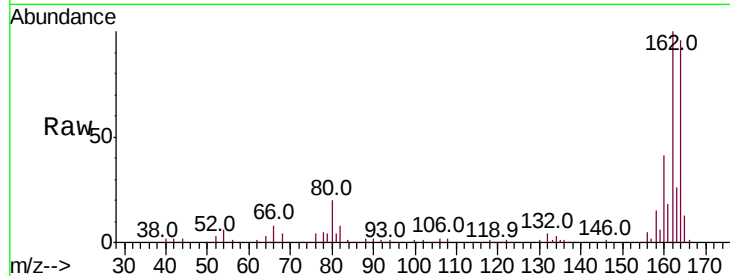
BNA_G

ClientSampleId :

103018-SIDI-E-U-S

Tot Ion:164 Resp: 176435

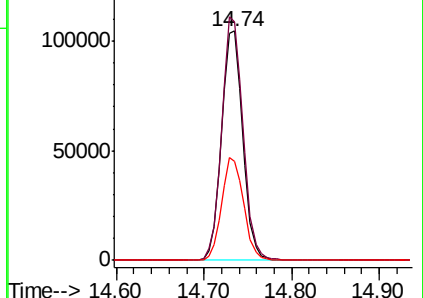
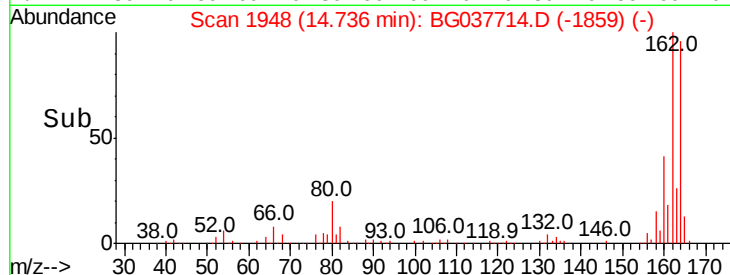
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	43.1	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 85.706 ng

RT: 16.22 min Scan# 2201

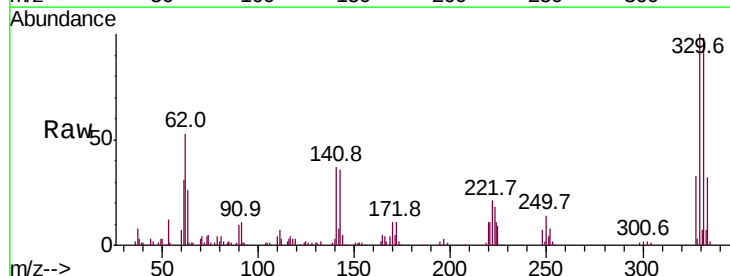
Delta R.T. -0.01 min

Lab File: BG037714.D

Acq: 1 Nov 2018 11:57

Tgt Ion:330 Resp: 164929

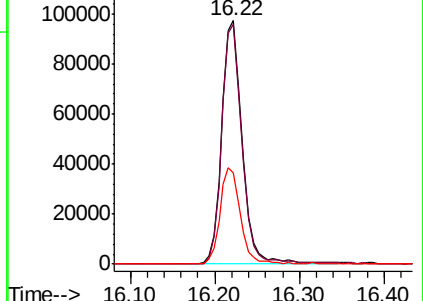
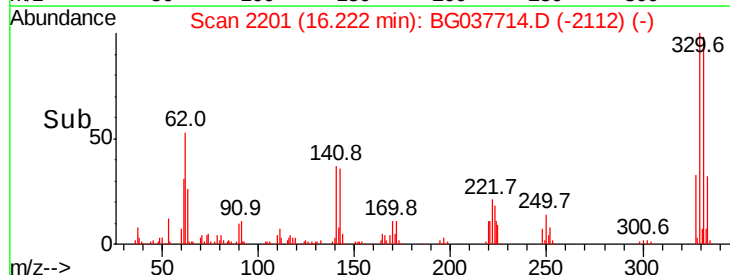
Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.4	32.2	48.2



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



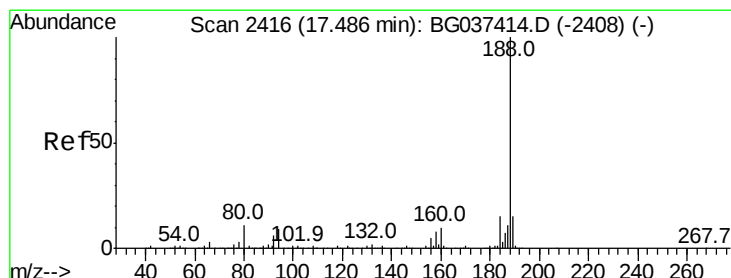
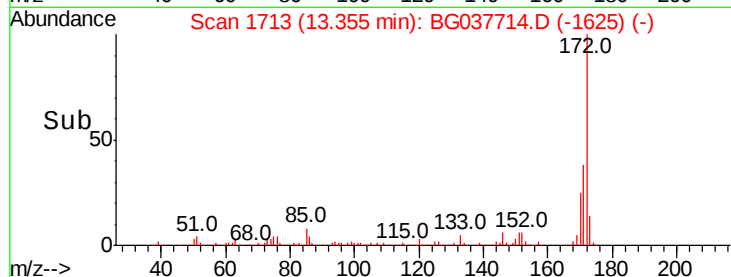
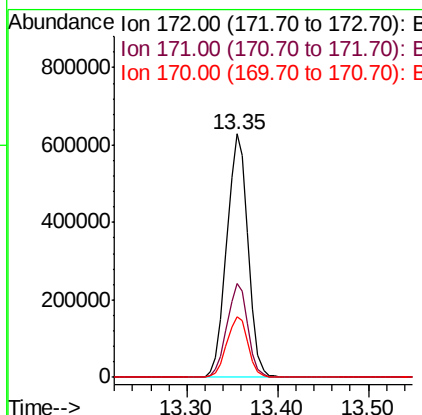
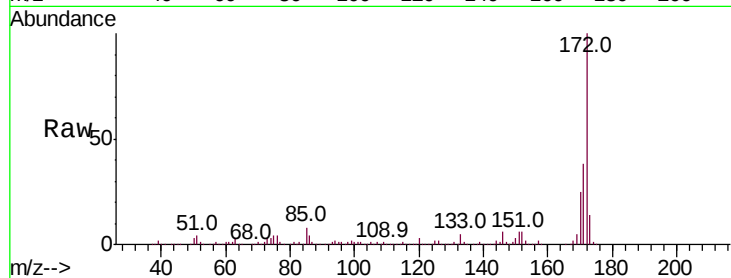


#45
 2-Fluorobiphenyl
 Concen: 87.676 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037714.D
 Acq: 1 Nov 2018 11:57

Instrument :
 BNA_G
 ClientSampleId :
 103018-SIDI-E-U-S

Tot Ion:172 Resp: 1025837

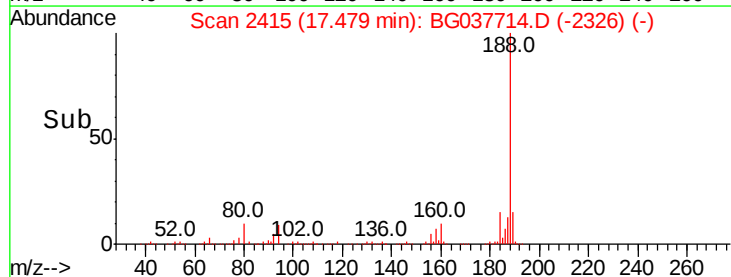
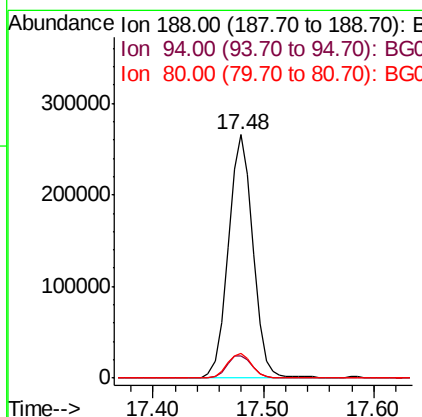
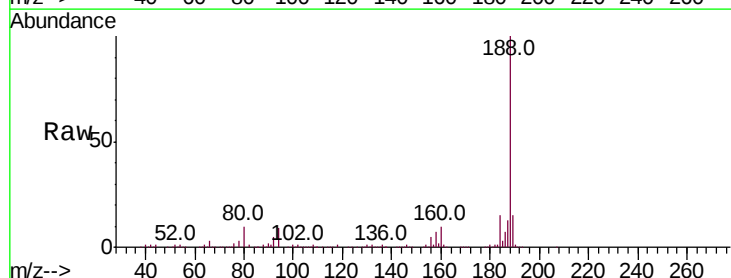
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	24.9	20.2	30.2

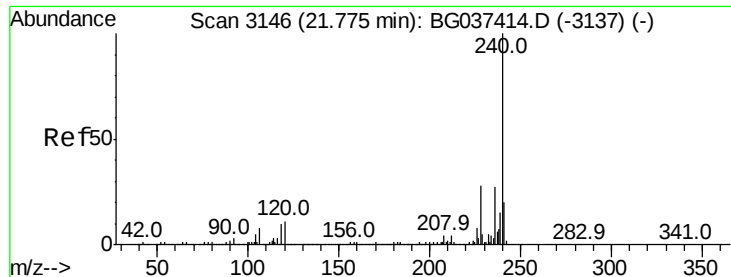


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037714.D
 Acq: 1 Nov 2018 11:57

Tgt Ion:188 Resp: 415996

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.9	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: BG037714.D

Acq: 1 Nov 2018 11:57

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-U-S

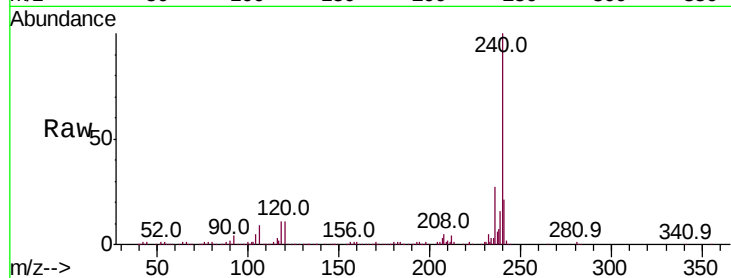
Tot Ion:240 Resp: 378990

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

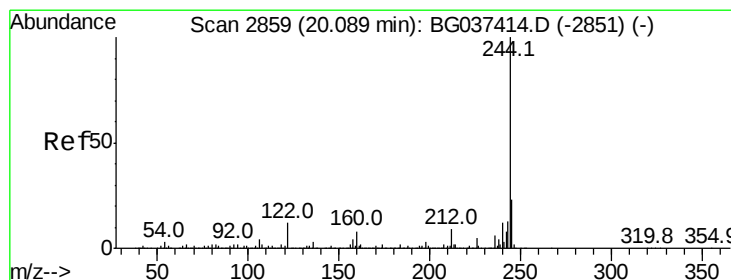
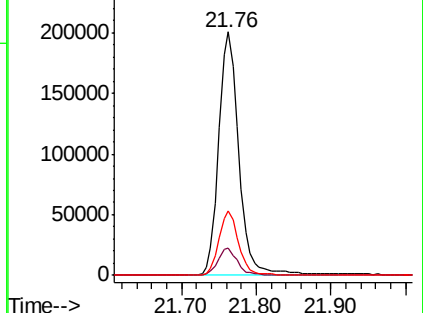
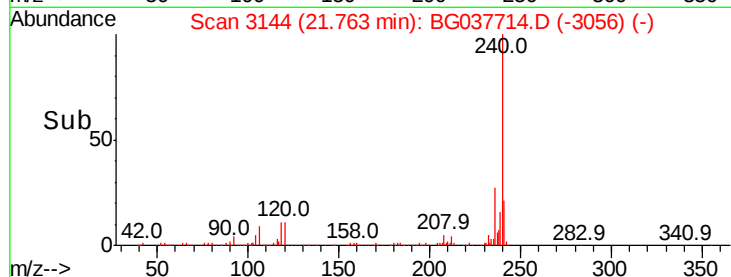
236 26.7 21.4 32.0



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: 83.227 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037714.D

Acq: 1 Nov 2018 11:57

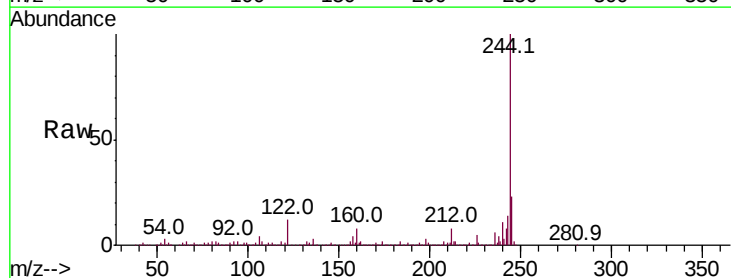
Tgt Ion:244 Resp: 1476173

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

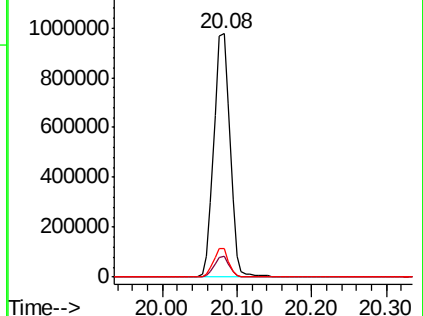
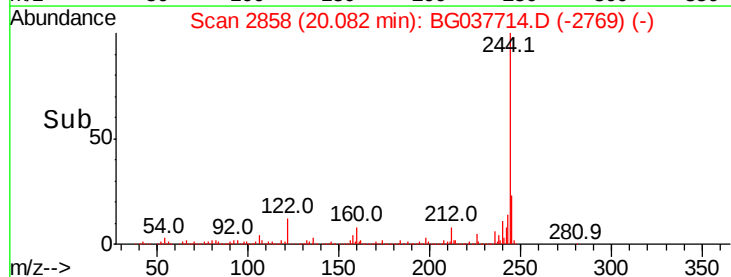
122 12.0 9.0 13.4

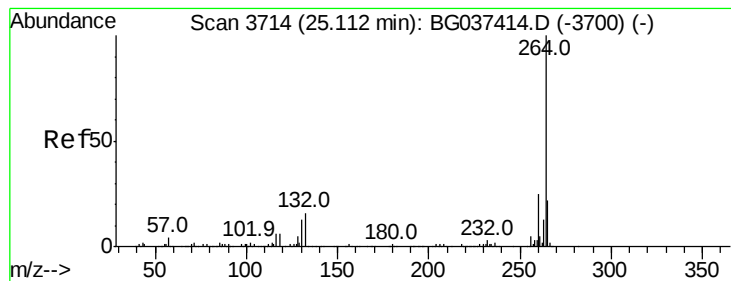


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037714.D

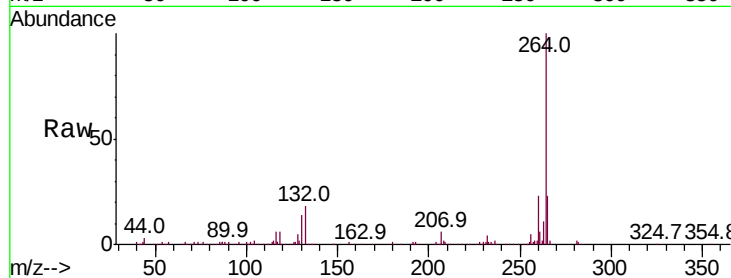
Acq: 1 Nov 2018 11:57

Instrument :

BNA_G

ClientSampleId :

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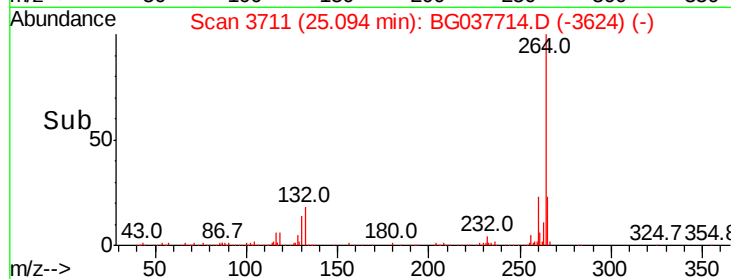
Tot Ion: 264 Resp: 345926

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 22.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

120000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

