

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037584.D
 Acq On : 26 Oct 2018 17:11
 Operator : JU/SJ
 Sample : J5649-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-04B

Quant Time: Oct 27 03:50:57 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

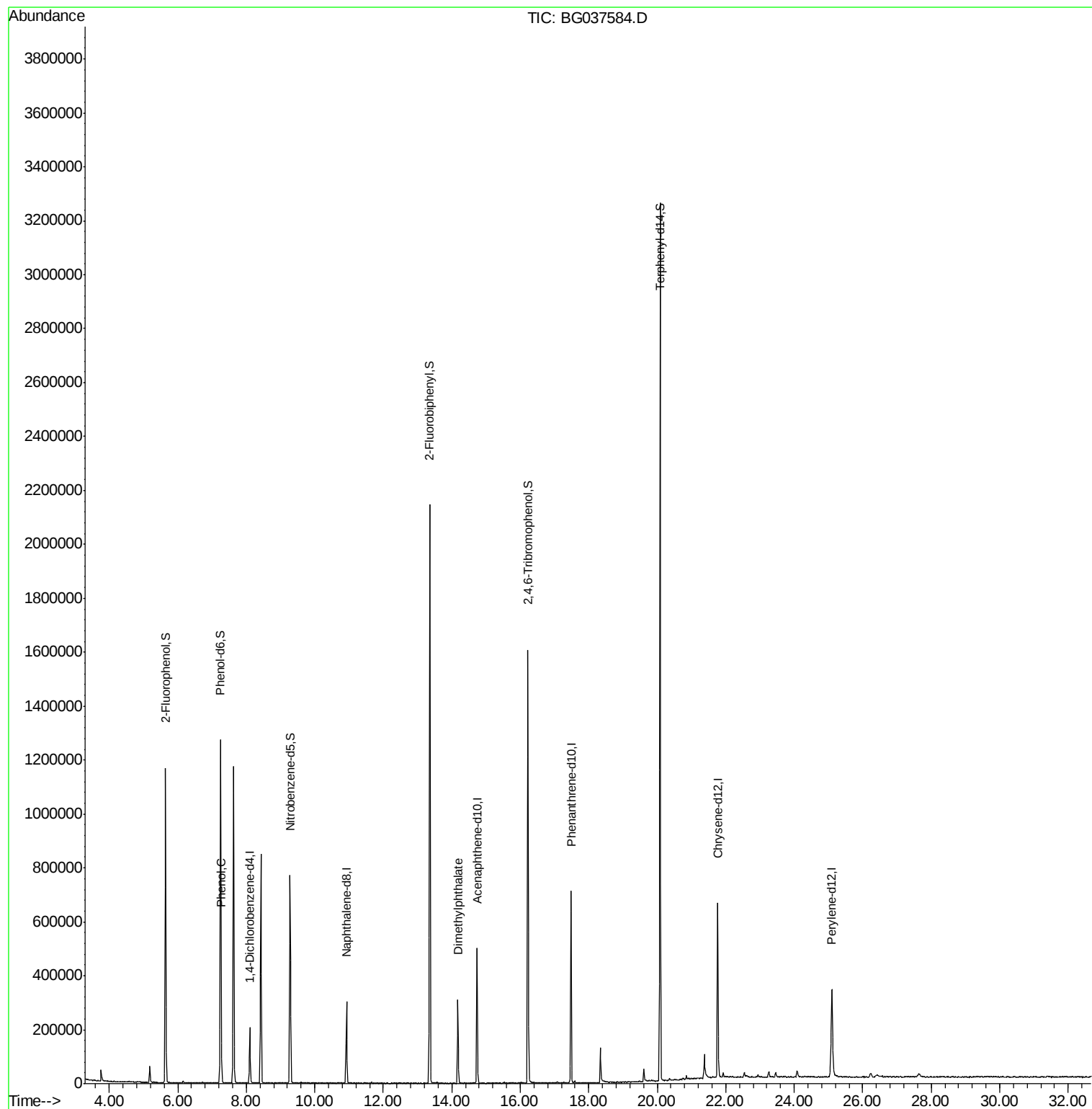
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60880	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	276965	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	184700	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	448344	20.00	ng	0.00
76) Chrysene-d12	21.77	240	403223	20.00	ng	0.00
87) Perylene-d12	25.10	264	391688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	541401	148.68	ng	0.00
7) Phenol-d6	7.25	99	806344	146.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	486744	98.45	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	296333	147.10	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1140966	93.15	ng	0.00
79) Terphenyl-d14	20.08	244	1580038	83.73	ng	0.00
Target Compounds						
10) Phenol	7.27	94	60493	10.412	ng	94
50) Dimethylphthalate	14.18	163	219254	15.345	ng	99

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

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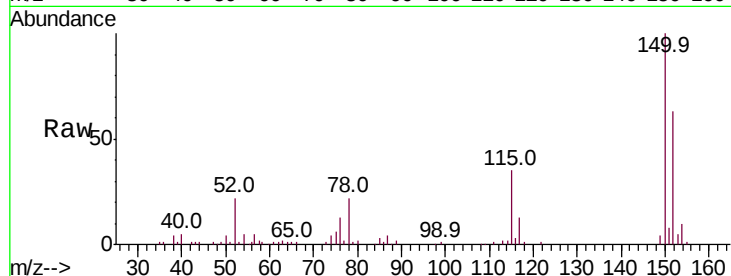


#1

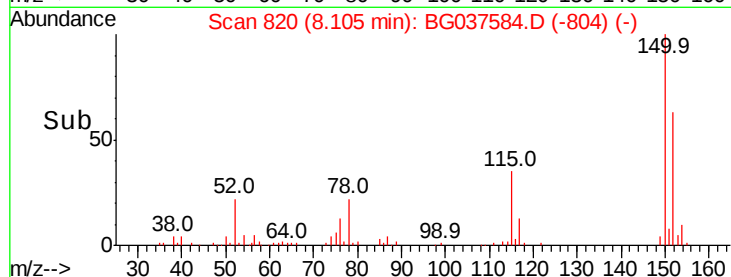
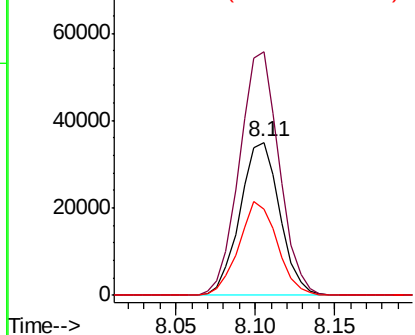
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Instrument :
BNA_G
ClientSampleId :
DL-04B

Tot Ion:152 Resp: 60880
Ion Ratio Lower Upper
152 100
150 159.1 126.0 189.0
115 55.9 45.5 68.3



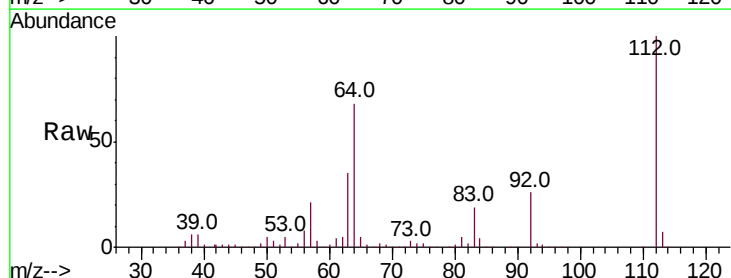
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



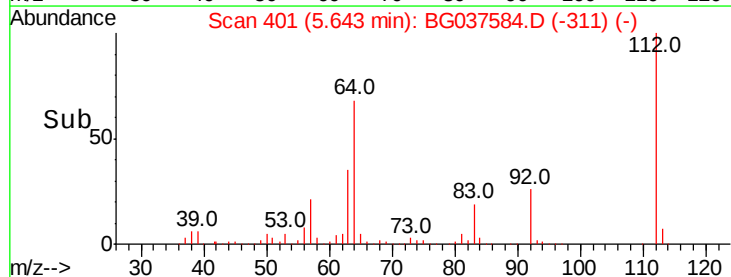
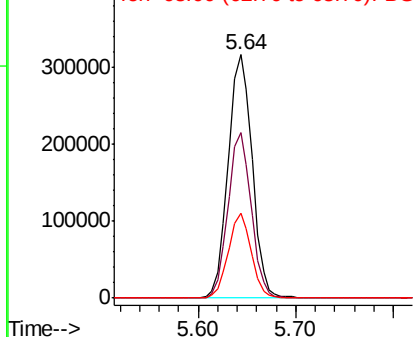
#5

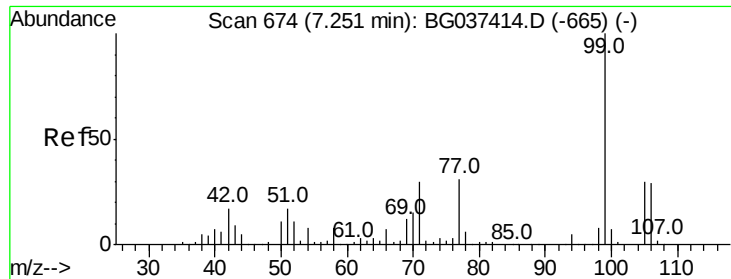
2-Fluorophenol
Concen: 148.677 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Tgt Ion:112 Resp: 541401
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 34.7 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: 146.439 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampled :

DL-04B

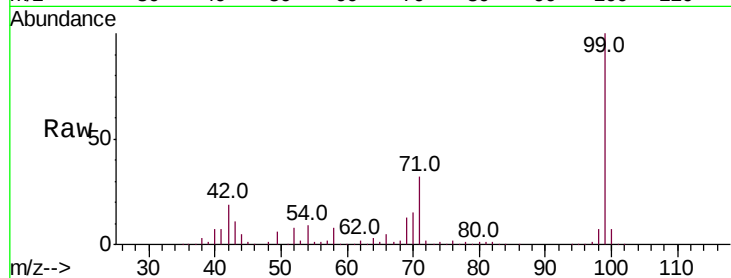
Tot Ion: 99 Resp: 806344

Ion Ratio Lower Upper

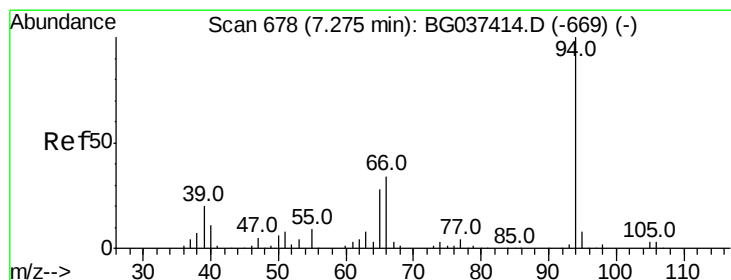
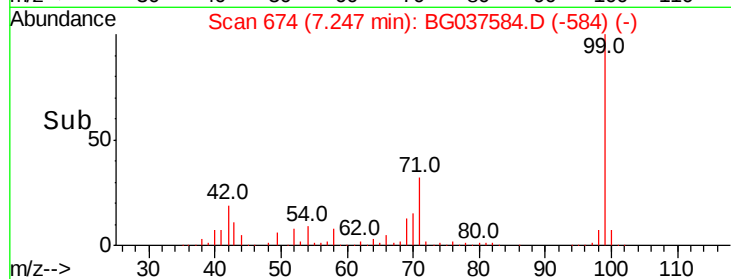
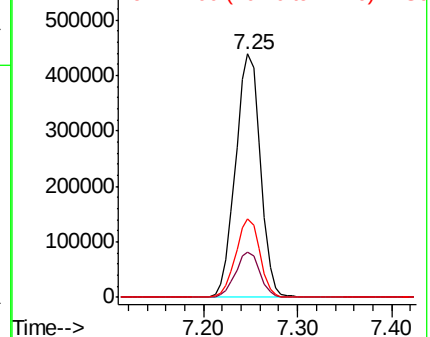
99 100

42 18.6 15.0 22.4

71 32.4 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



#10

Phenol

Concen: 10.412 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

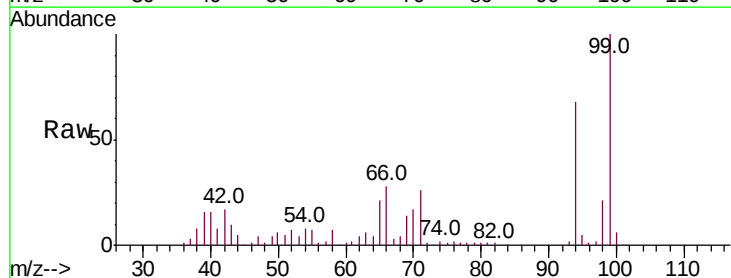
Tgt Ion: 94 Resp: 60493

Ion Ratio Lower Upper

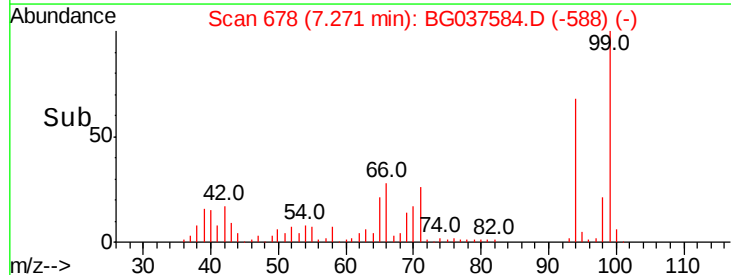
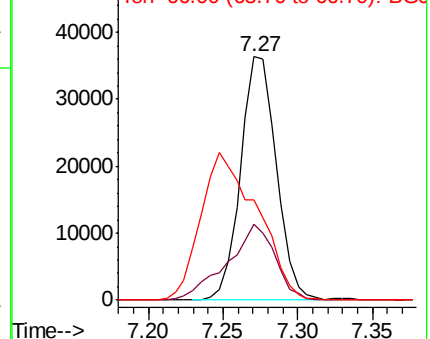
94 100

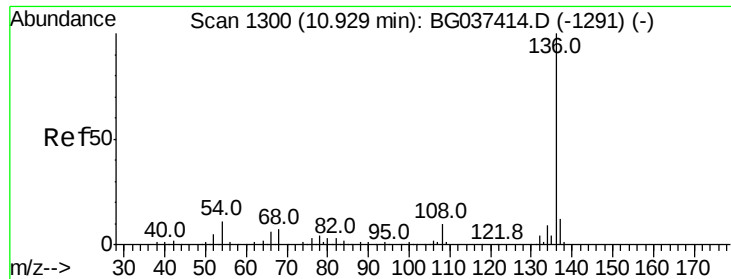
65 31.1 9.7 49.7

66 41.1 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

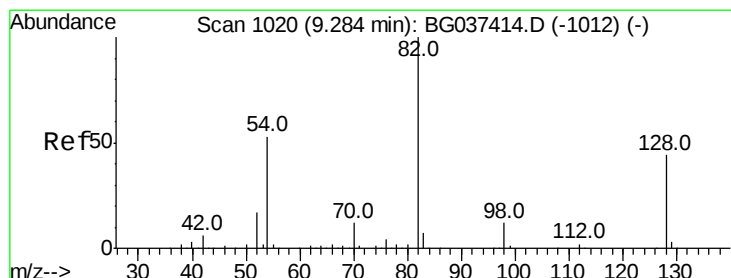
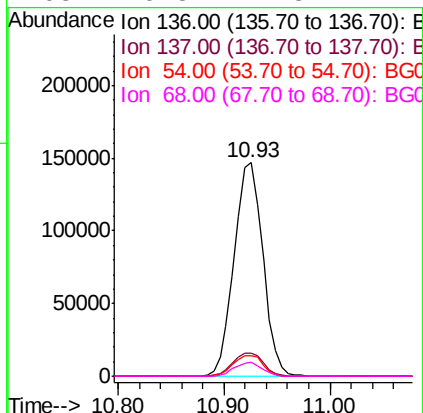
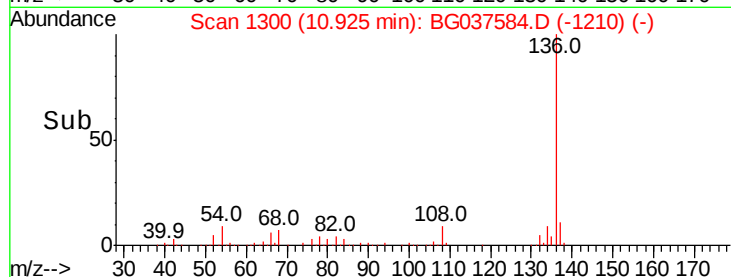
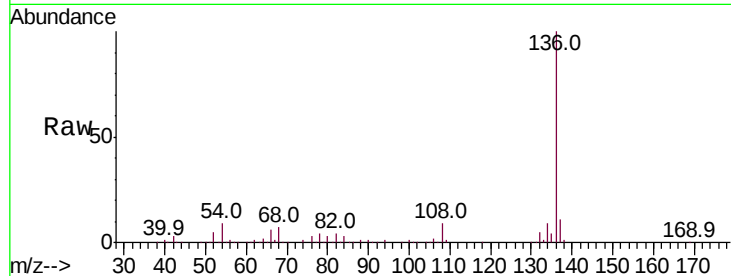




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

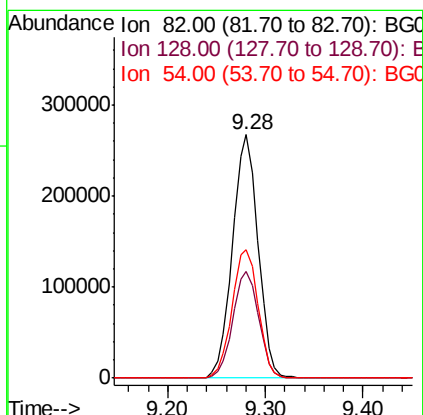
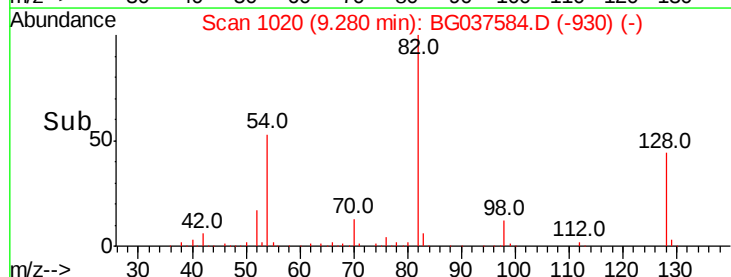
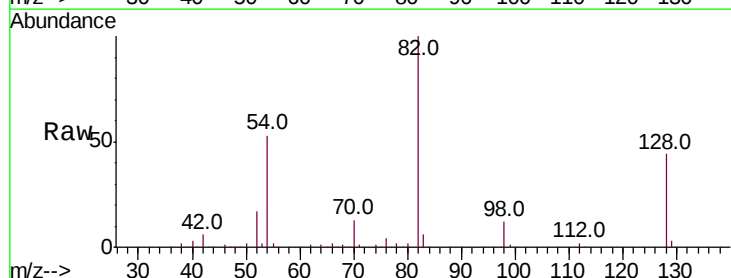
Instrument :
BNA_G
ClientSampleId :
DL-04B

Tot Ion:136	Resp:	276965
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	9.5	7.9 11.9
68	6.8	4.8 7.2



#23
Nitrobenzene-d5
Concen: 98.449 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Tgt Ion: 82	Resp:	486744
Ion	Ratio	Lower Upper
82	100	
128	43.5	34.6 51.8
54	52.7	45.3 67.9

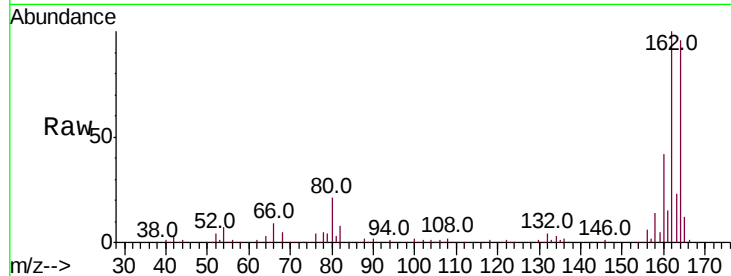




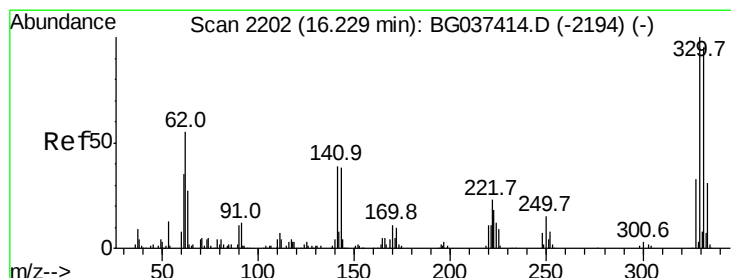
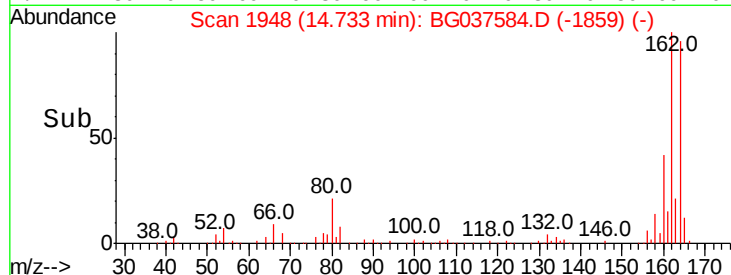
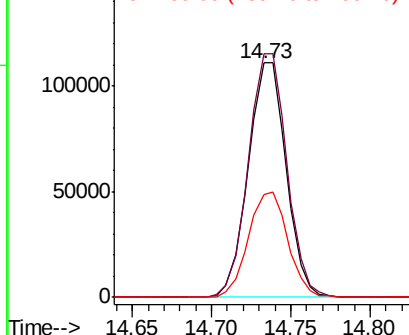
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Instrument :
BNA_G
ClientSampleID :
DL-04B

Tot Ion:164 Resp: 184700
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 43.7 36.3 54.5

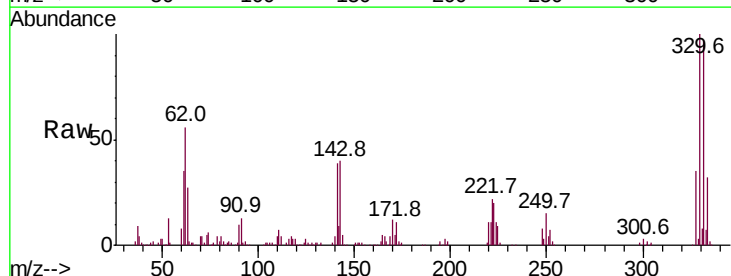


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

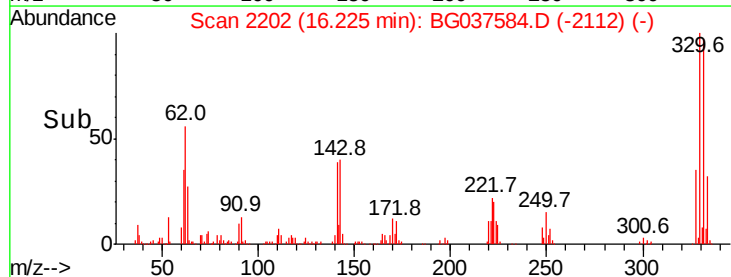
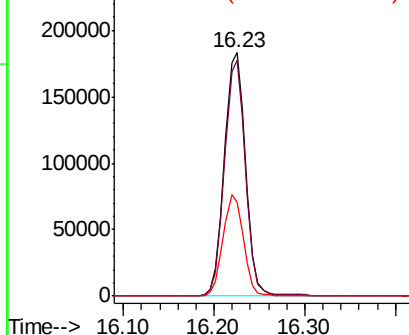


#42
2,4,6-Tribromophenol
Concen: 147.100 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Tgt Ion:330 Resp: 296333
Ion Ratio Lower Upper
330 100
332 95.9 78.4 117.6
141 40.4 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

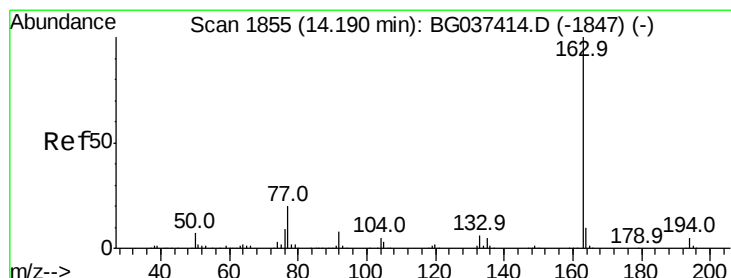
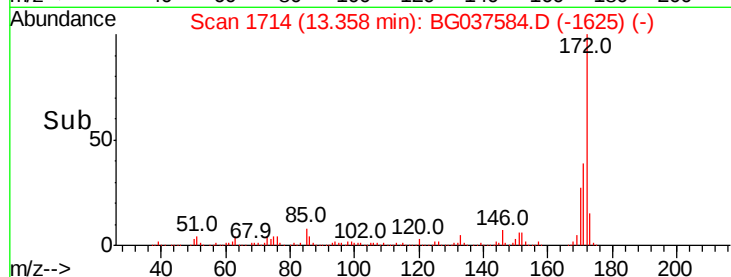
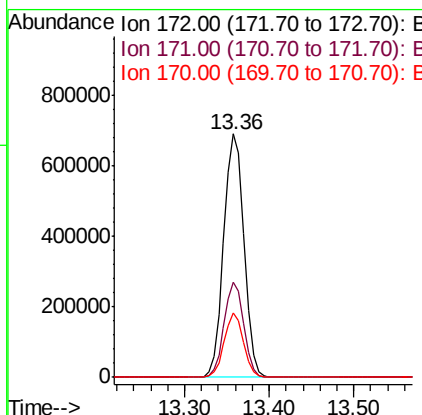
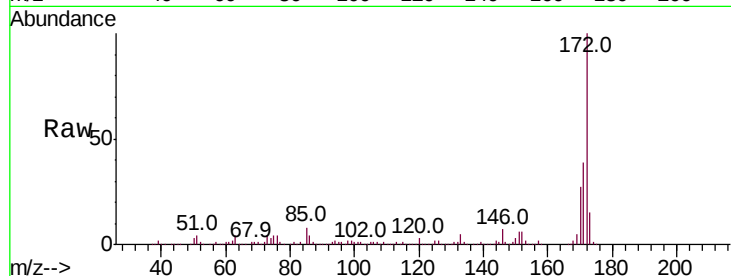




#45
2-Fluorobiphenyl
Concen: 93.152 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

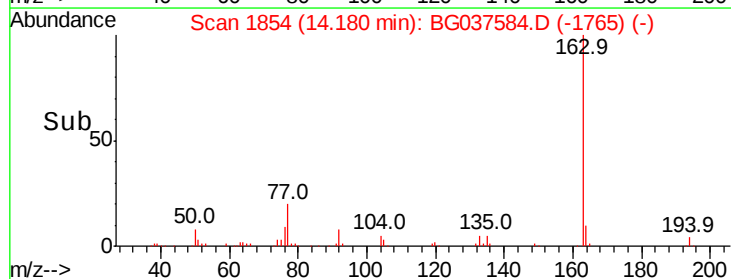
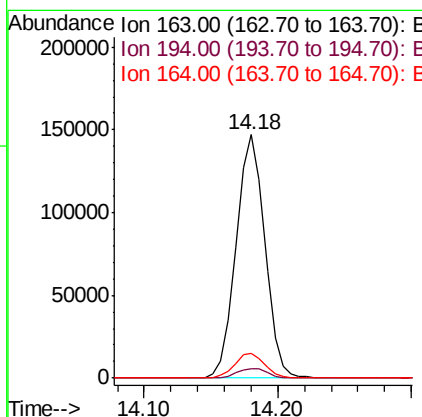
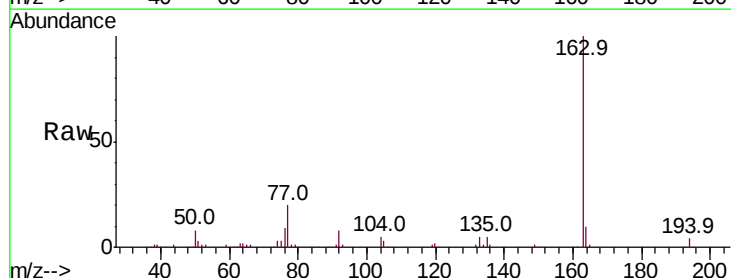
Instrument :
BNA_G
ClientSampleId :
DL-04B

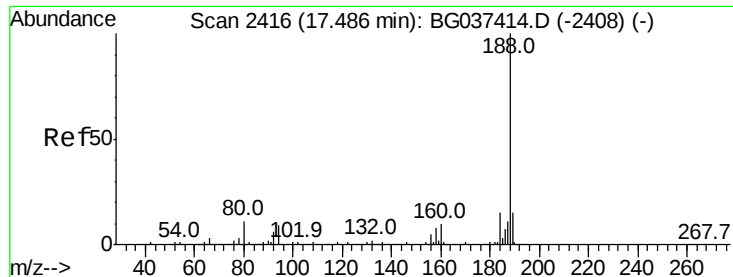
Tot Ion:172 Resp: 1140966
Ion Ratio Lower Upper
172 100
171 39.0 31.0 46.4
170 26.6 20.2 30.2



#50
Dimethylphthalate
Concen: 15.345 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Tgt Ion:163 Resp: 219254
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.1 8.5 12.7

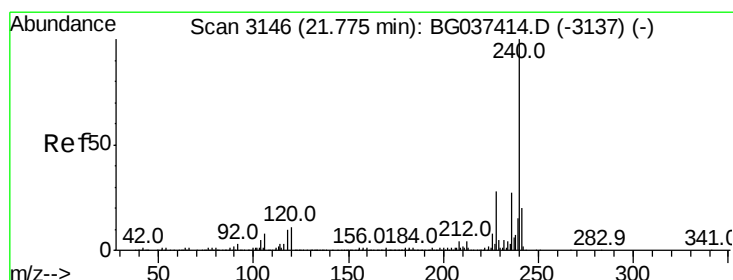
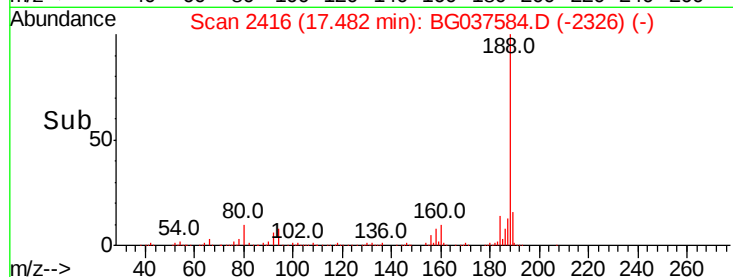
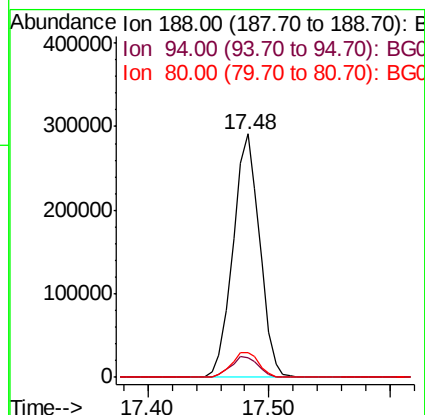
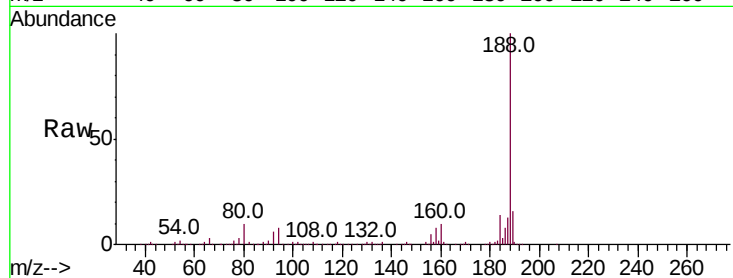




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

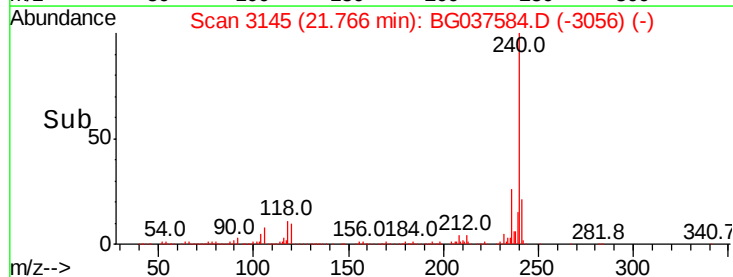
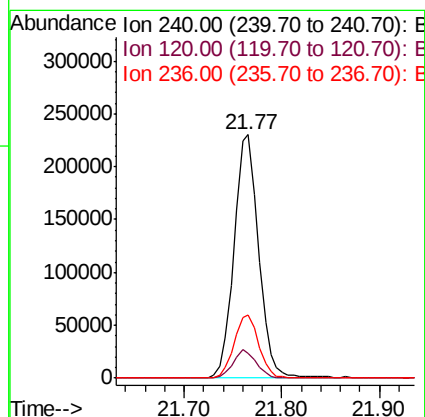
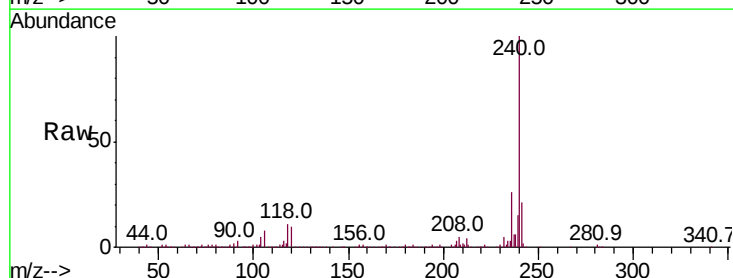
Instrument :
BNA_G
ClientSampleId :
DL-04B

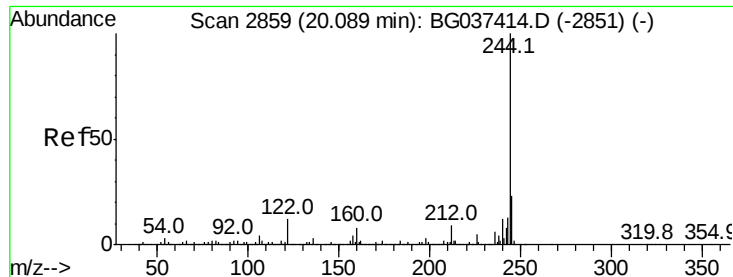
Tot Ion:188 Resp: 448344
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037584.D
Acq: 26 Oct 2018 17:11

Tgt Ion:240 Resp: 403223
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.7 21.4 32.0





#79

Terphenyl-d14

Concen: 83.730 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

Instrument :

BNA_G

ClientSampled :

DL-04B

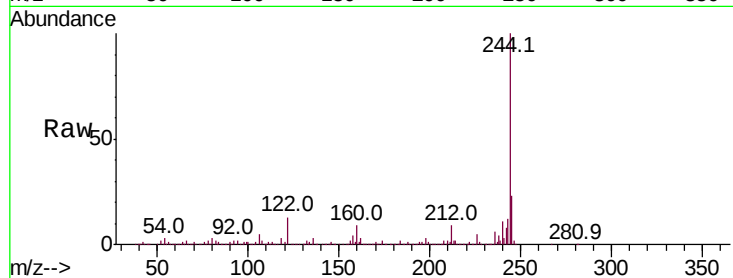
Tot Ion:244 Resp: 1580038

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

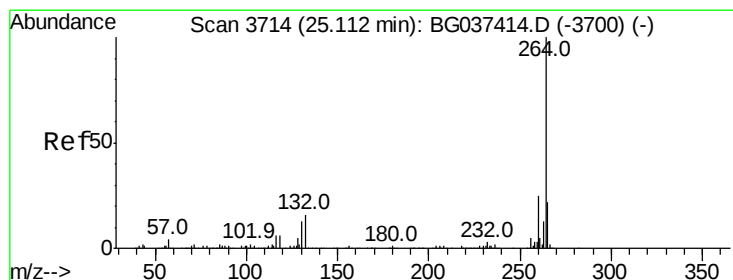
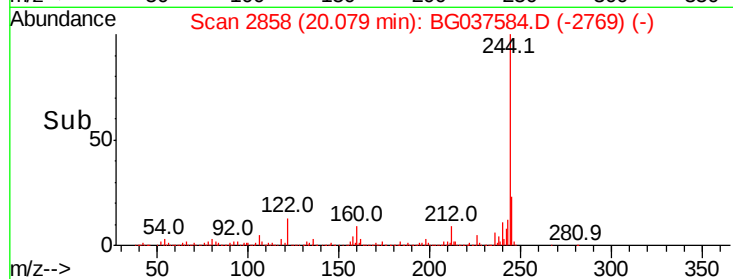
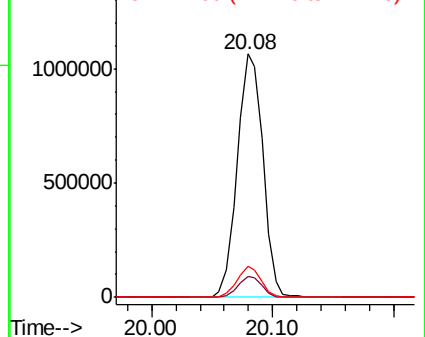
122 12.7 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037584.D

Acq: 26 Oct 2018 17:11

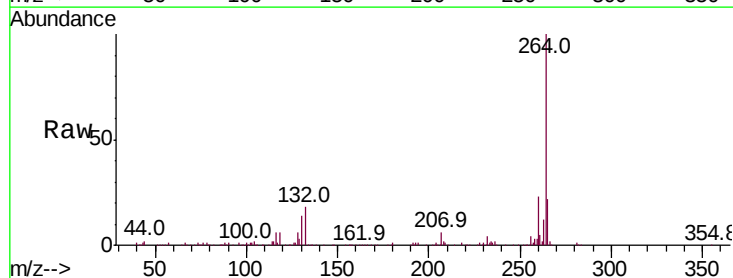
Tgt Ion:264 Resp: 391688

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.6 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

