

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040542.D
 Acq On : 17 Apr 2019 23:10
 Operator : JU/SJ
 Sample : K2197-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-041619-C

Quant Time: Apr 18 04:37:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50814	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	189167	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	111364	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	301324	20.00	ng	0.00
76) Chrysene-d12	21.69	240	309252	20.00	ng	0.00
87) Perylene-d12	24.97	264	326170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	377140	123.38	ng	0.00
7) Phenol-d6	7.20	99	455372	107.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	365100	102.59	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	190301	158.12	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	751162	99.95	ng	0.00
79) Terphenyl-d14	20.02	244	1393692	101.38	ng	0.00

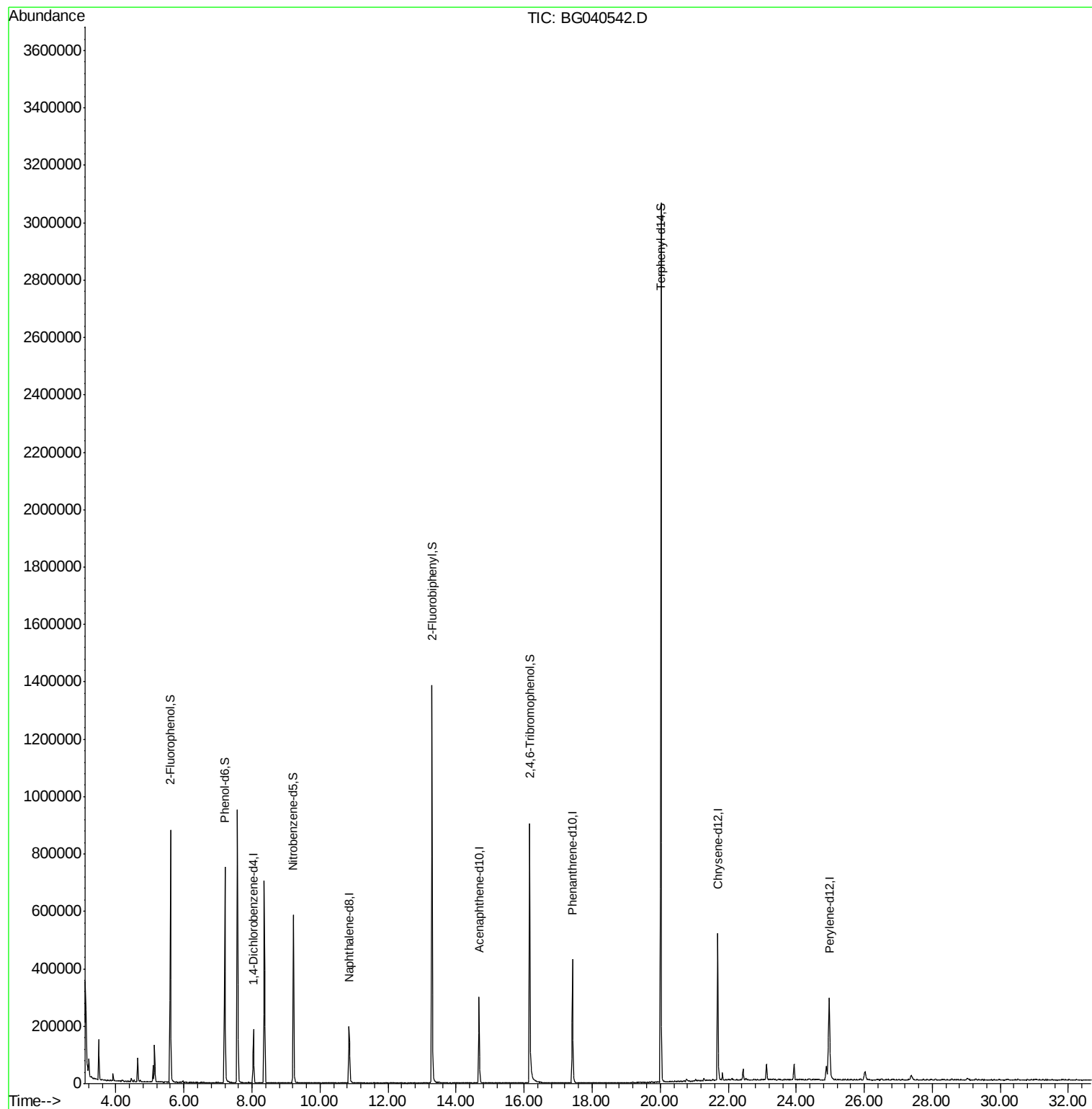
Target Compounds	Qvalue
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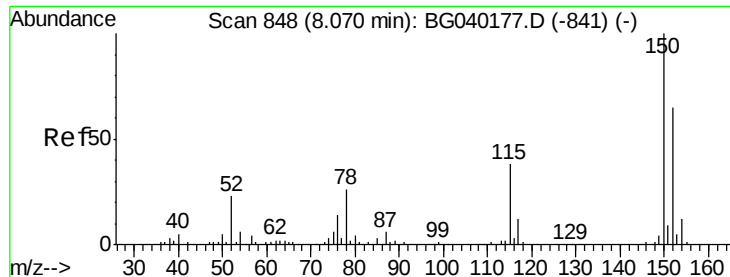
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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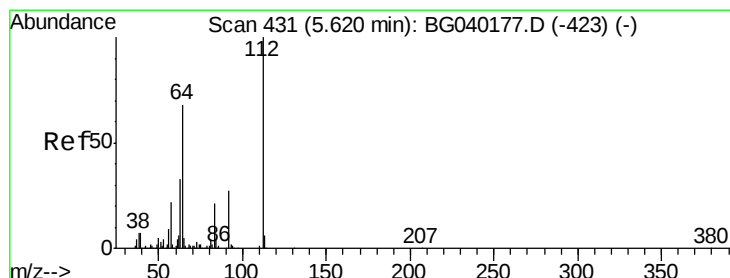
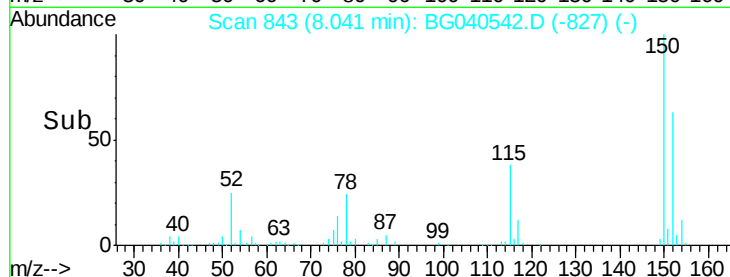
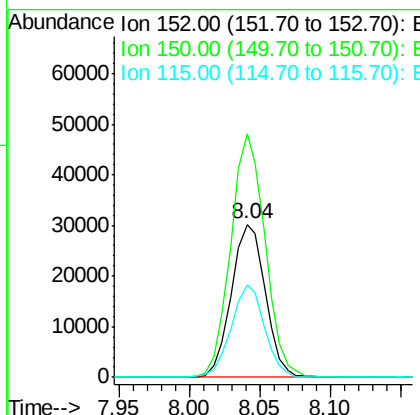
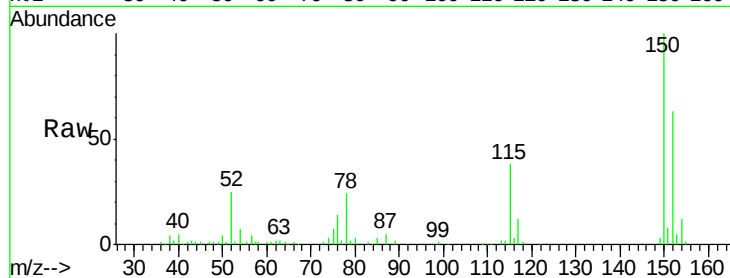




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

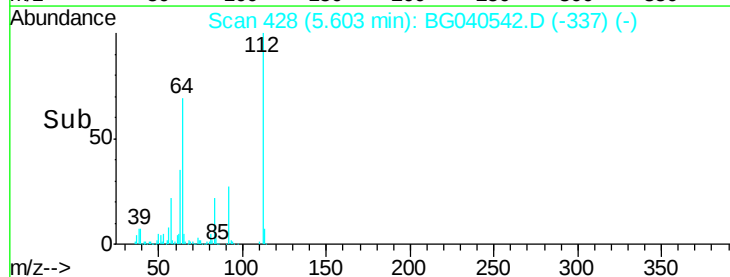
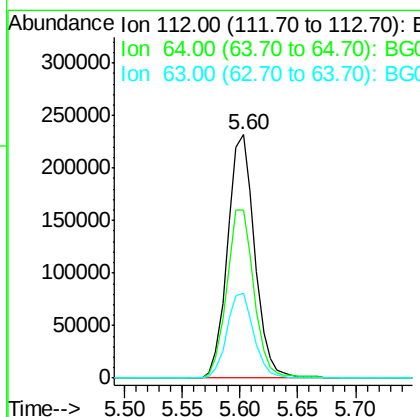
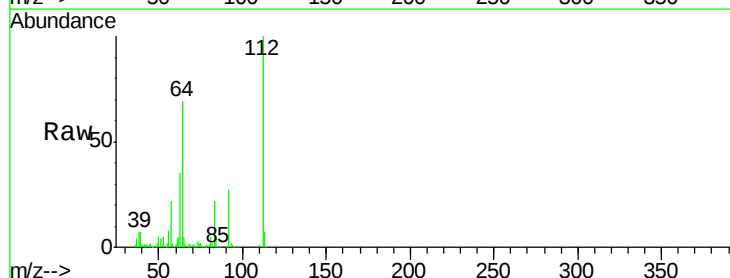
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-041619-C

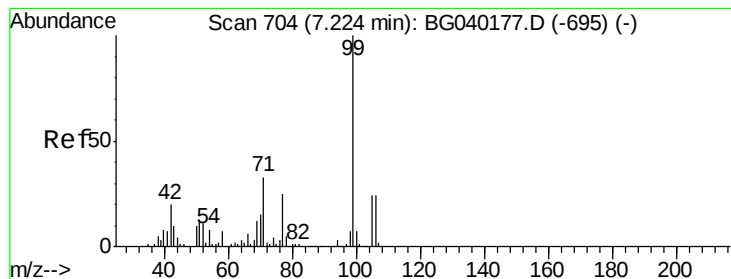
Tgt Ion:152 Resp: 50814
 Ion Ratio Lower Upper
 152 100
 150 159.1 123.7 185.5
 115 60.4 46.9 70.3



#5
 2-Fluorophenol
 Concen: 123.384 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

Tgt Ion:112 Resp: 377140
 Ion Ratio Lower Upper
 112 100
 64 68.8 54.2 81.2
 63 34.9 26.4 39.6





#7

Phenol-d6

Concen: 107.797 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040542.D

Acq: 17 Apr 2019 23:10

Instrument :

BNA_G

ClientSampleId :

CL-01-041619-C

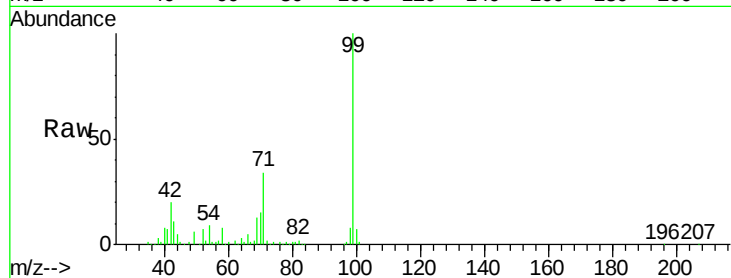
Tgt Ion: 99 Resp: 455372

Ion Ratio Lower Upper

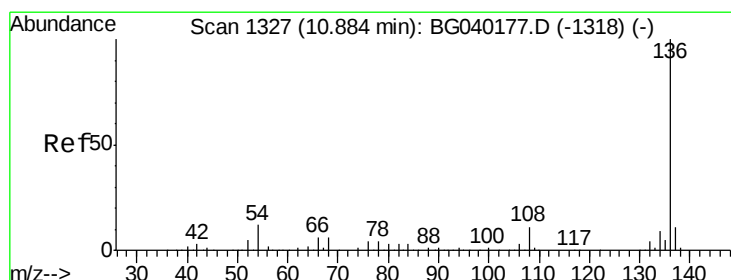
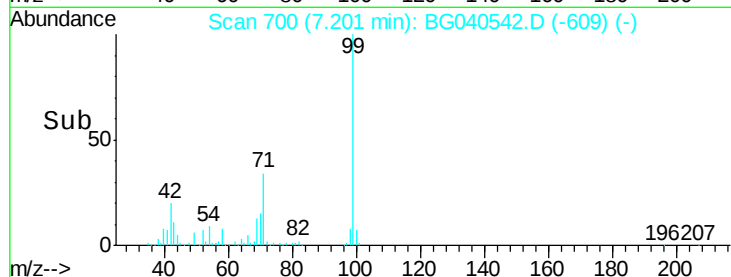
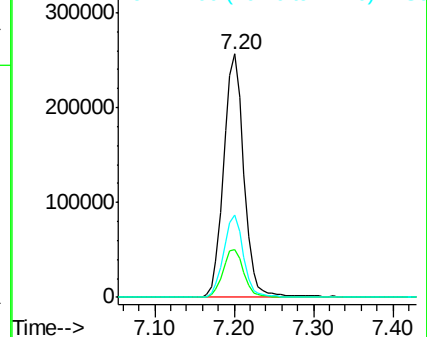
99 100

42 19.8 16.2 24.2

71 34.0 26.8 40.2



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG040542.D

Acq: 17 Apr 2019 23:10

Tgt Ion: 136 Resp: 189167

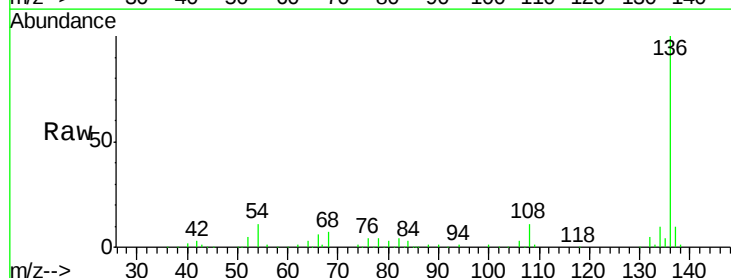
Ion Ratio Lower Upper

136 100

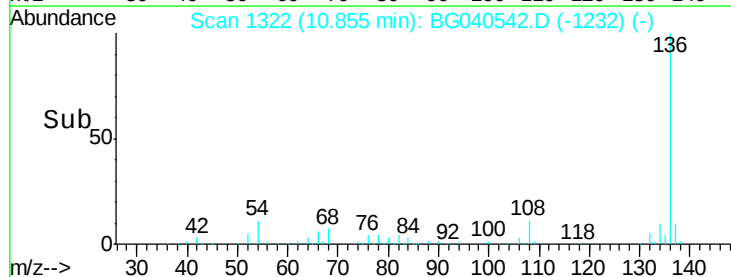
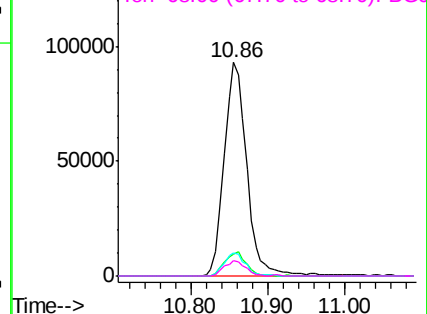
137 10.1 8.9 13.3

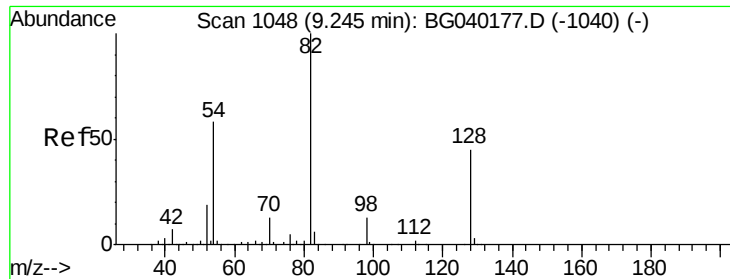
54 10.7 9.6 14.4

68 7.2 5.1 7.7



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

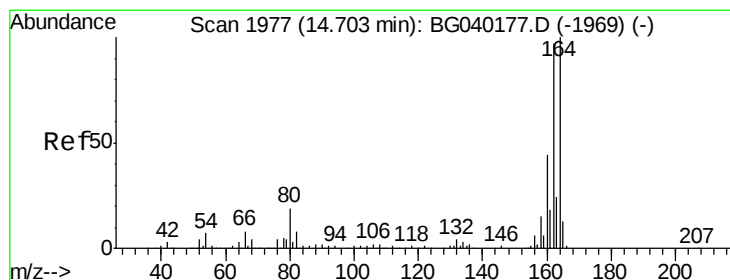
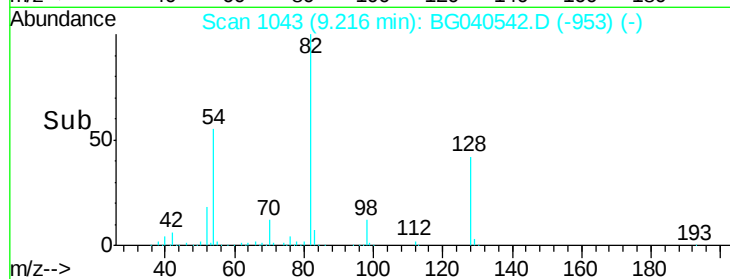
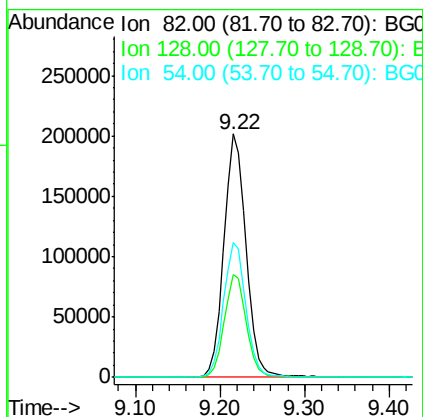
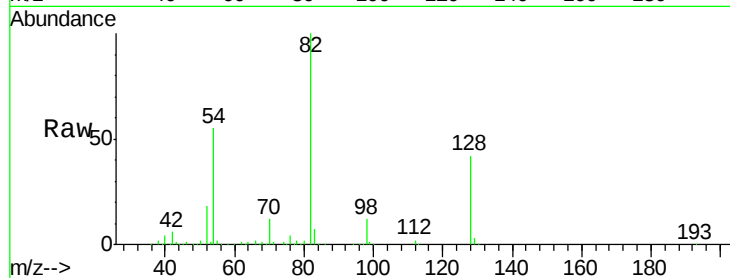




#23
 Nitrobenzene-d5
 Concen: 102.588 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

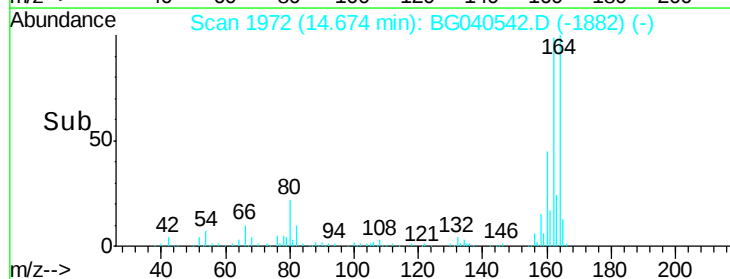
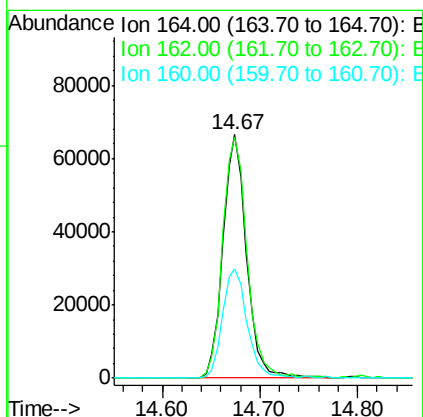
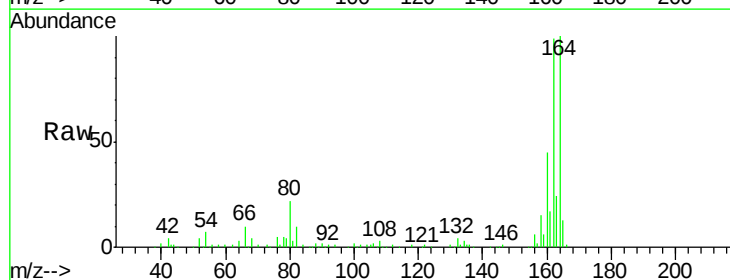
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-041619-C

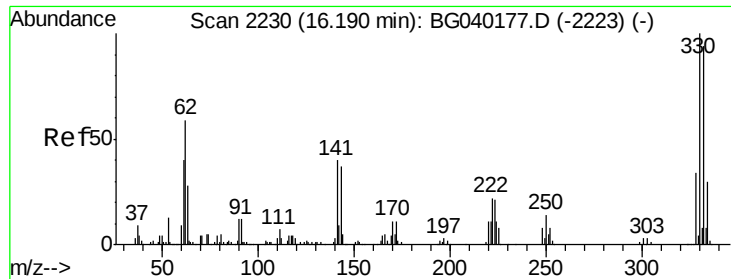
Tgt Ion: 82 Resp: 365100
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.8 53.8
 54 55.1 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

Tgt Ion: 164 Resp: 111364
 Ion Ratio Lower Upper
 164 100
 162 98.8 77.4 116.2
 160 44.8 35.3 52.9

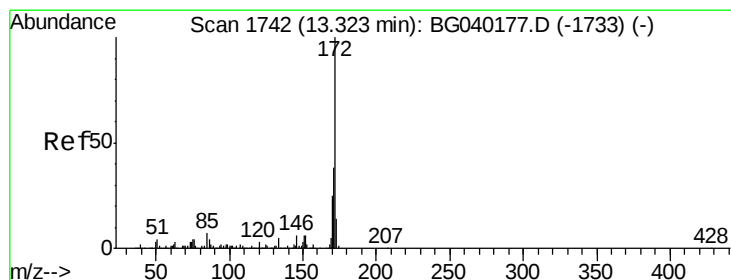
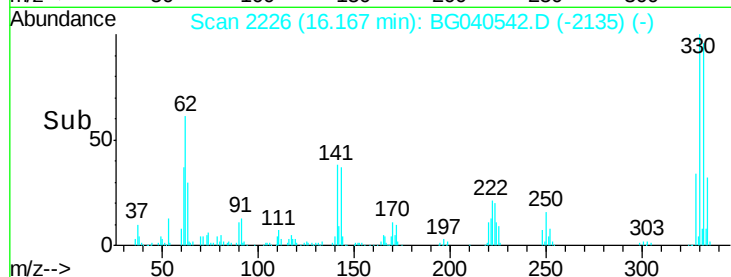
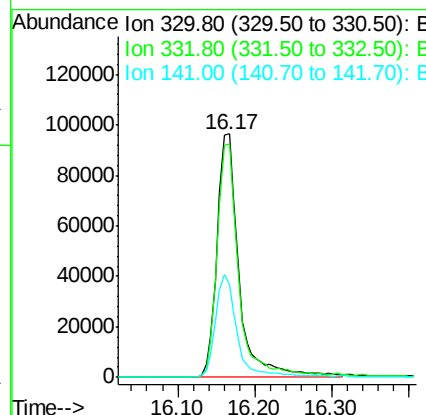
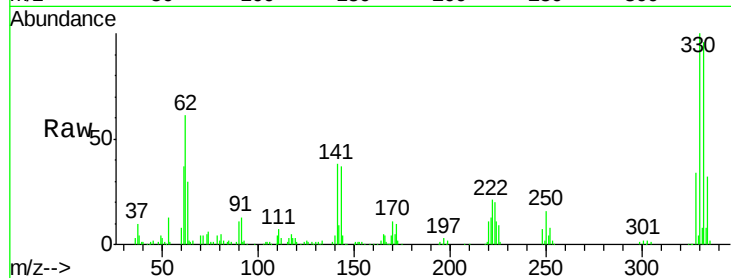




#42
 2,4,6-Tribromophenol
 Concen: 158.116 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

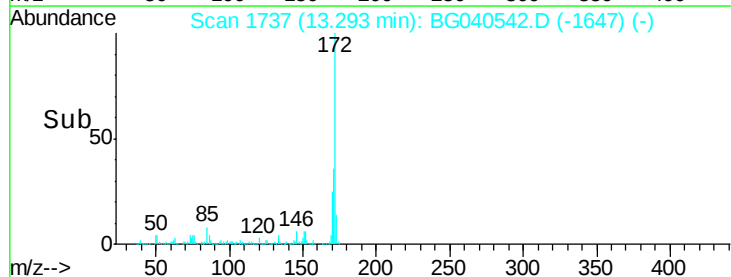
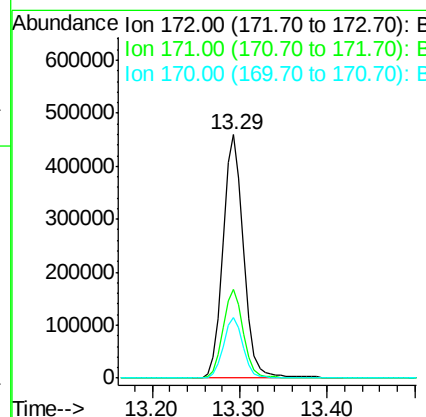
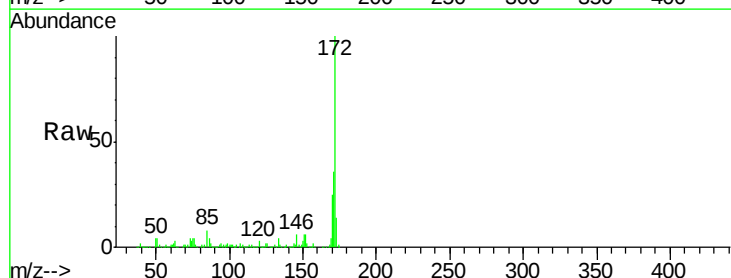
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-041619-C

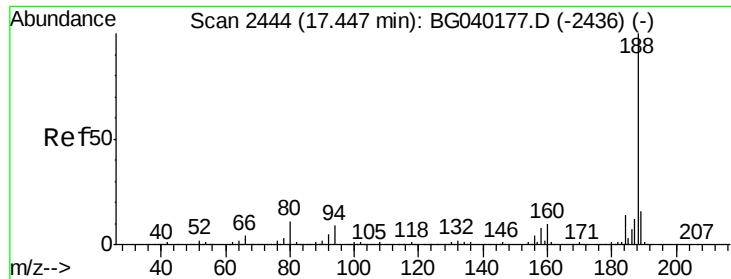
Tgt Ion:330 Resp: 190301
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 40.8 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 99.946 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

Tgt Ion:172 Resp: 751162
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.5 45.7
 170 24.7 20.1 30.1

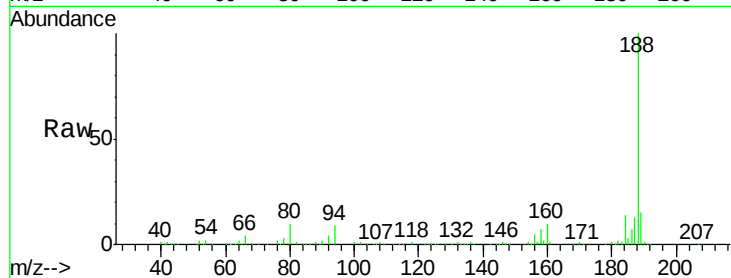




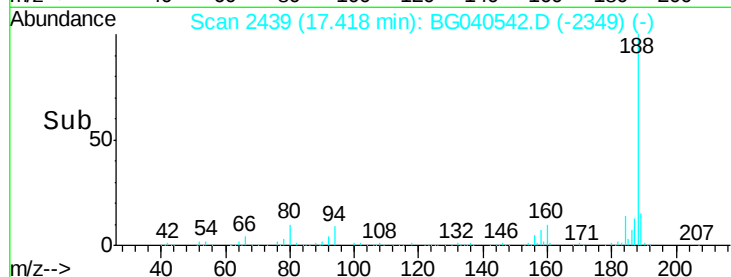
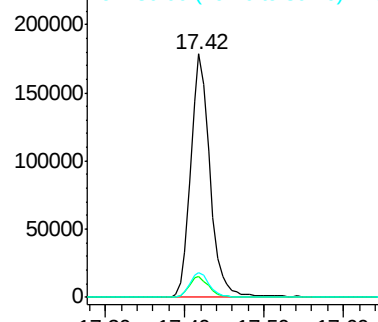
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-041619-C

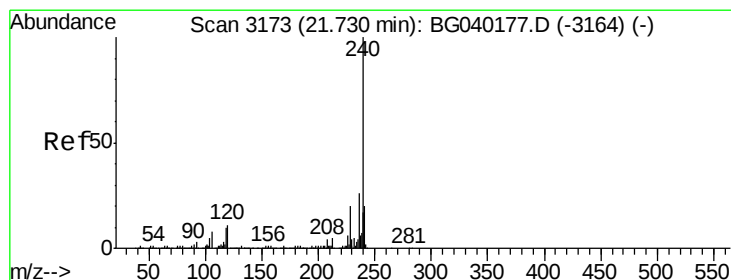
Tgt Ion:188 Resp: 301324
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.4
 80 10.0 8.6 13.0



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

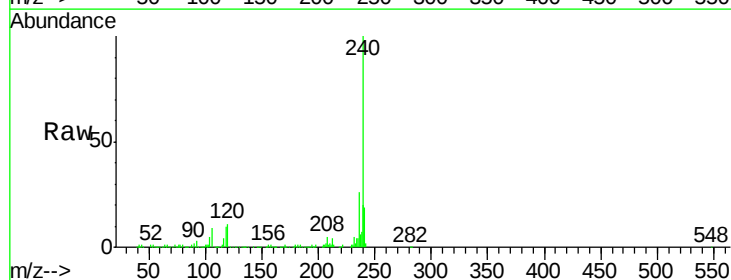


Time--> 17.30 17.40 17.50 17.60

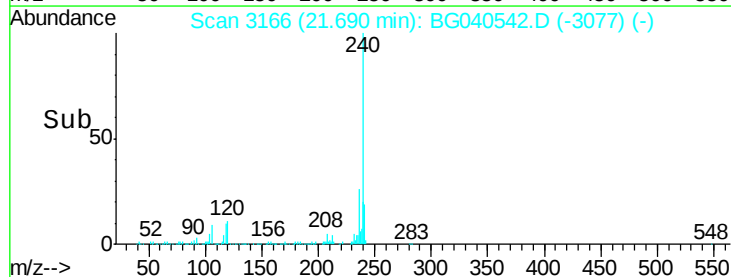
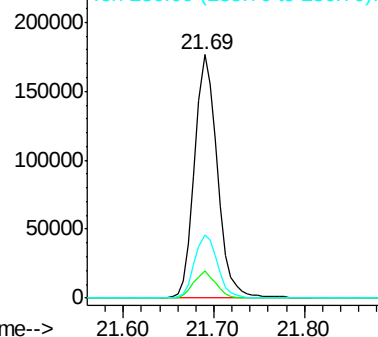


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG040542.D
 Acq: 17 Apr 2019 23:10

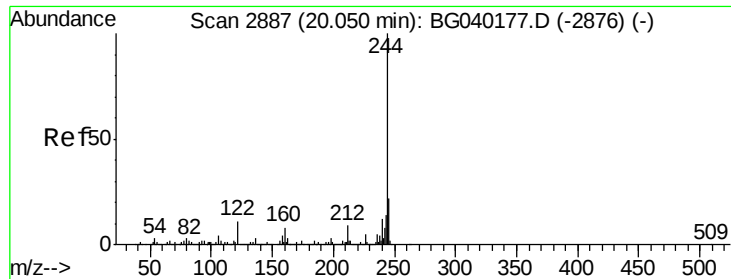
Tgt Ion:240 Resp: 309252
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.4 12.6
 236 25.8 20.8 31.2



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



Time--> 21.60 21.70 21.80



#79

Terphenyl-d14

Concen: 101.384 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040542.D

Acq: 17 Apr 2019 23:10

Instrument :

BNA_G

ClientSampleId :

CL-01-041619-C

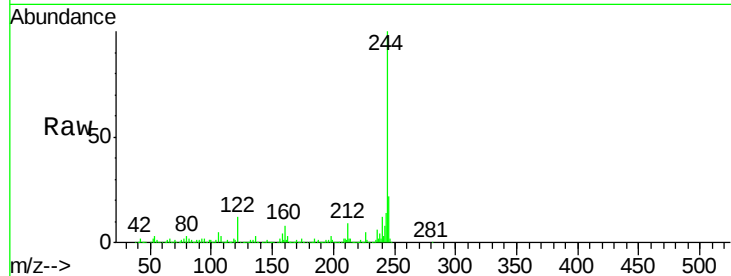
Tgt Ion:244 Resp: 1393692

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

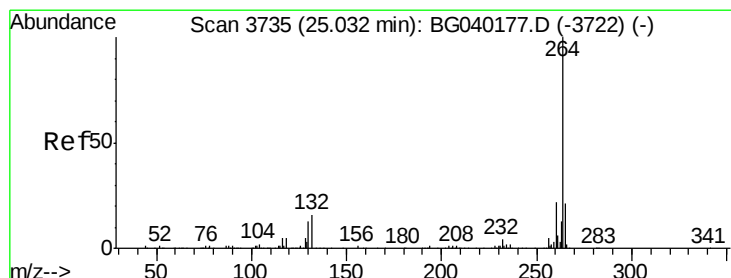
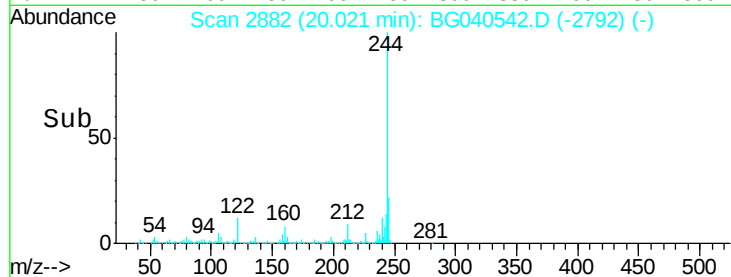
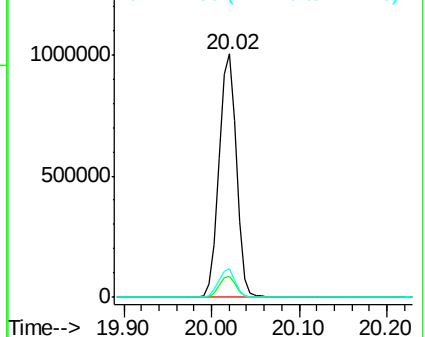
122 11.8 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040542.D

Acq: 17 Apr 2019 23:10

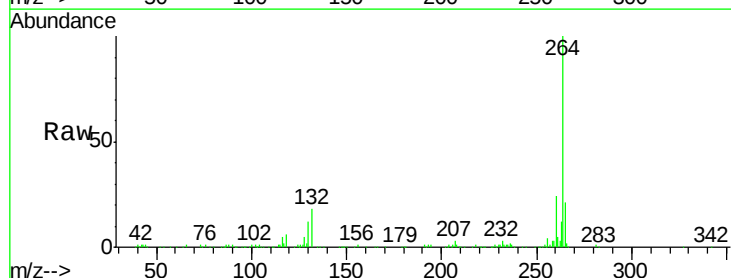
Tgt Ion:264 Resp: 326170

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 21.3 16.8 25.2



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

