

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040538.D
 Acq On : 17 Apr 2019 20:29
 Operator : JU/SJ
 Sample : K2196-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619

Quant Time: Apr 18 04:25:58 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	47639	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	180119	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	108533	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	299501	20.00	ng	0.00
76) Chrysene-d12	21.69	240	309318	20.00	ng	0.00
87) Perylene-d12	24.96	264	327939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	370039	129.13	ng	0.00
7) Phenol-d6	7.20	99	451437	113.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	348608	102.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	192930	164.48	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	732993	100.07	ng	0.00
79) Terphenyl-d14	20.02	244	1384821	100.72	ng	0.00

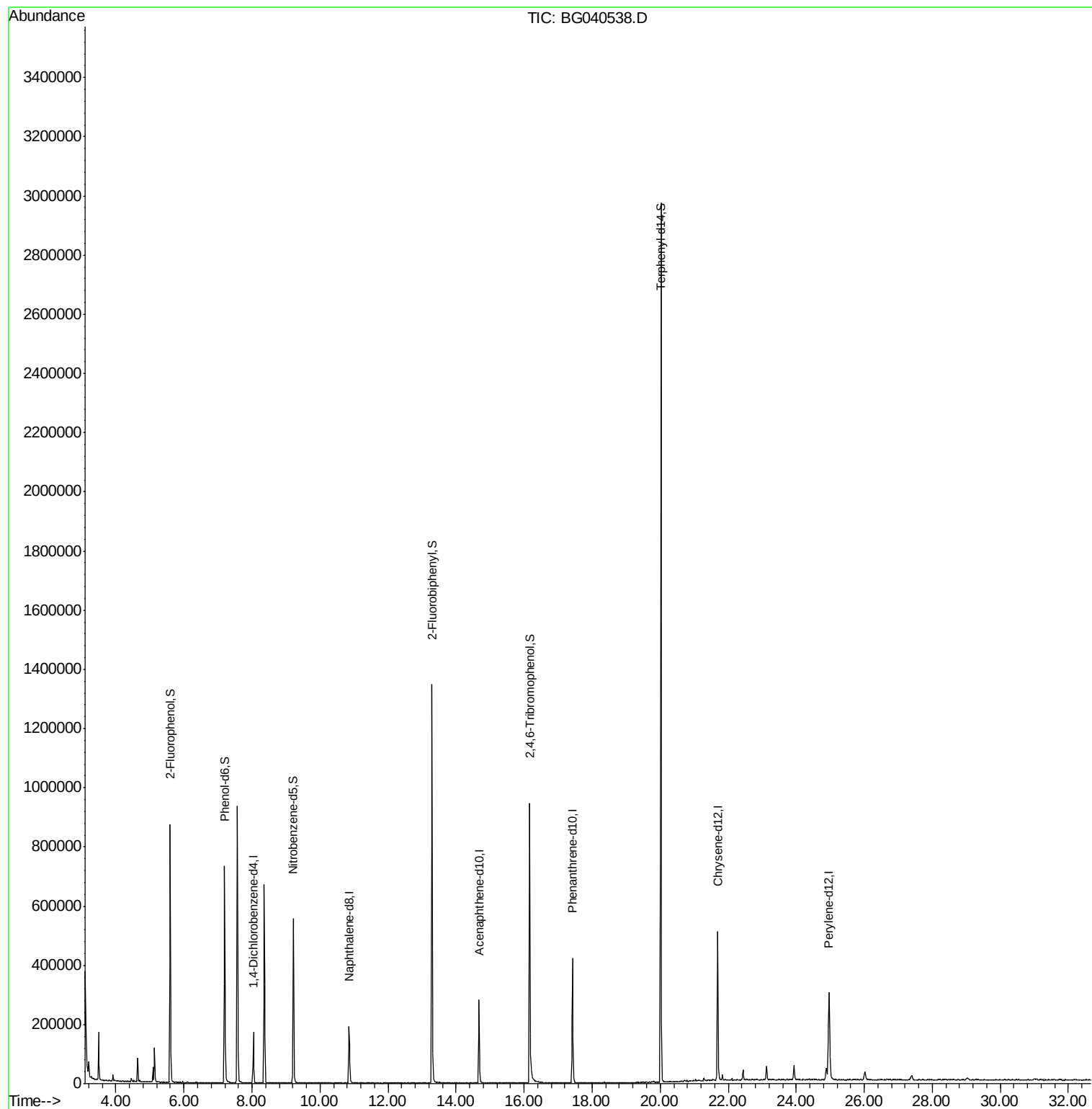
Target Compounds	Qvalue
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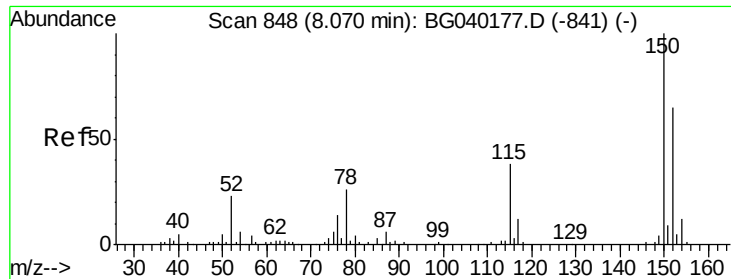
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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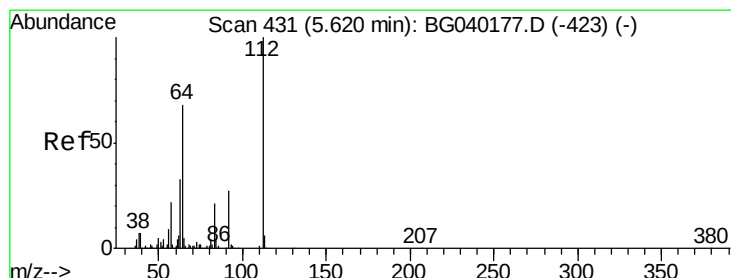
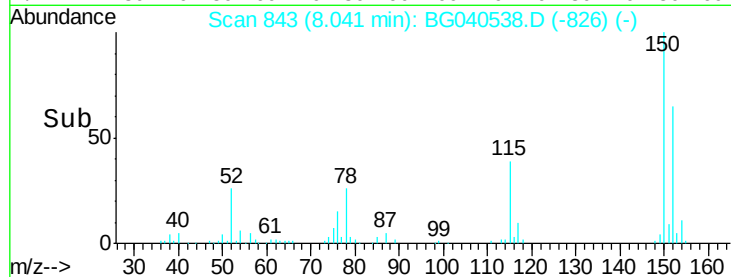
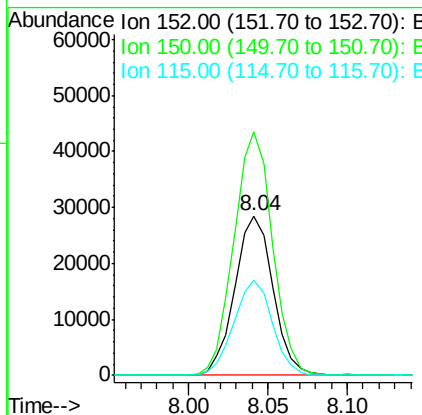
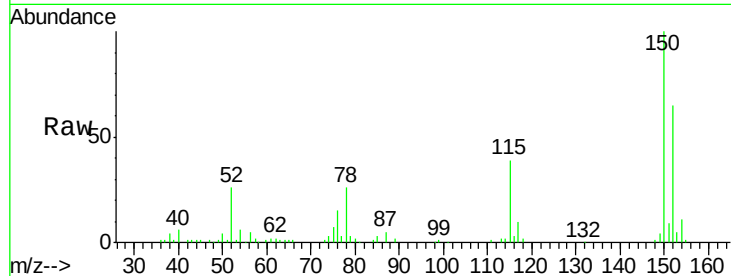


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040538.D
Acq: 17 Apr 2019 20:29

Instrument :
BNA_G
ClientSampleId :
HD-01-041619

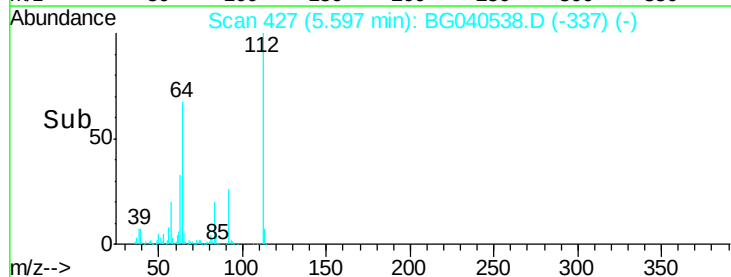
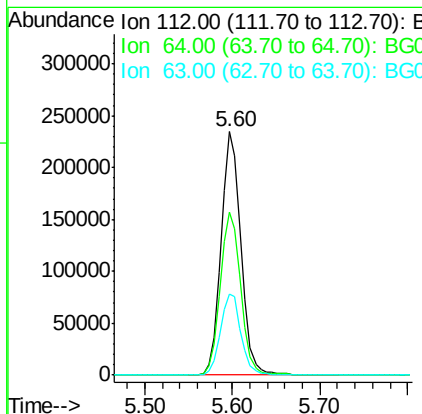
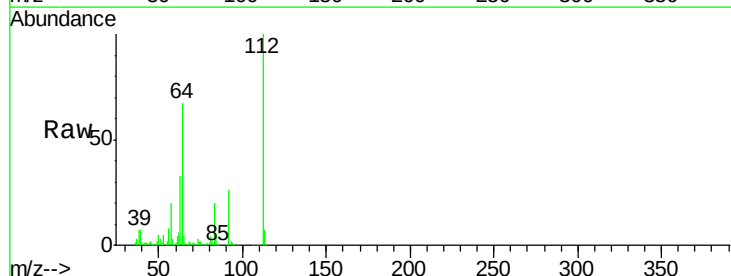
Tgt Ion:152 Resp: 47639
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 60.1 46.9 70.3

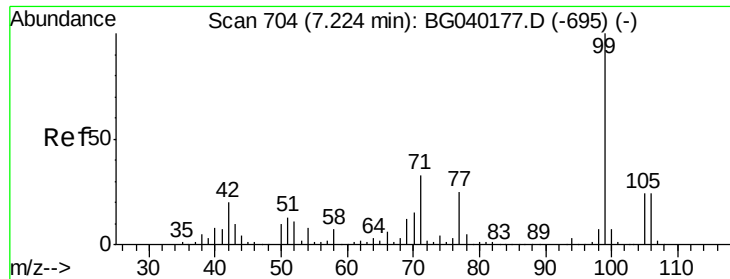


#5

2-Fluorophenol
Concen: 129.129 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040538.D
Acq: 17 Apr 2019 20:29

Tgt Ion:112 Resp: 370039
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.2
63 33.4 26.4 39.6





#7

Phenol-d6

Concen: 113.988 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040538.D

Acq: 17 Apr 2019 20:29

Instrument :

BNA_G

ClientSampleId :

HD-01-041619

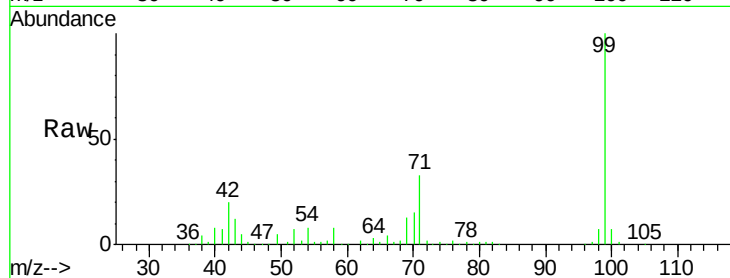
Tgt Ion: 99 Resp: 451437

Ion Ratio Lower Upper

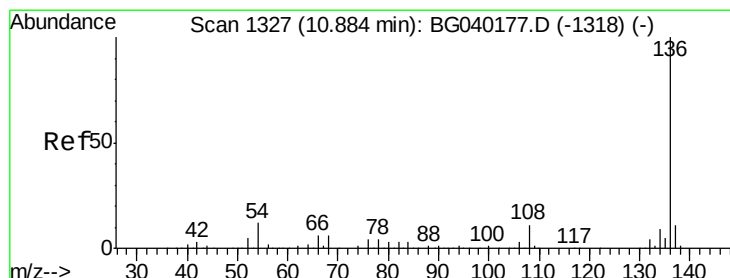
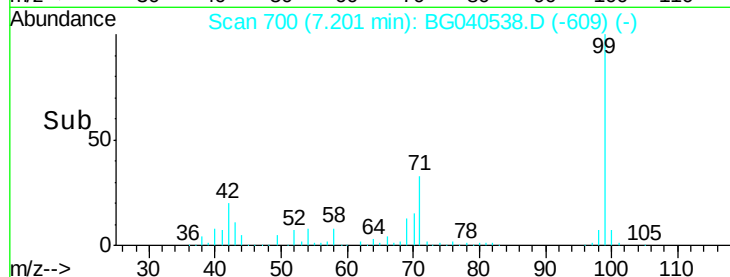
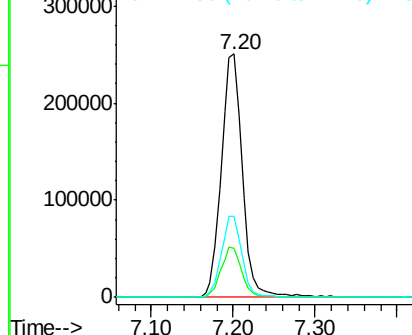
99 100

42 20.0 16.2 24.2

71 33.2 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: BG040538.D

Acq: 17 Apr 2019 20:29

Tgt Ion: 136 Resp: 180119

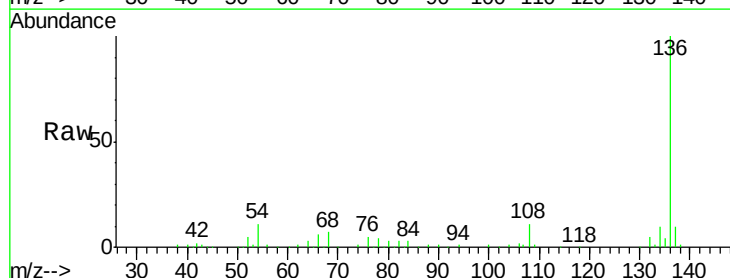
Ion Ratio Lower Upper

136 100

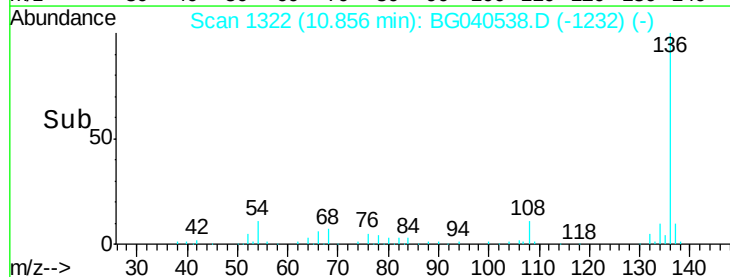
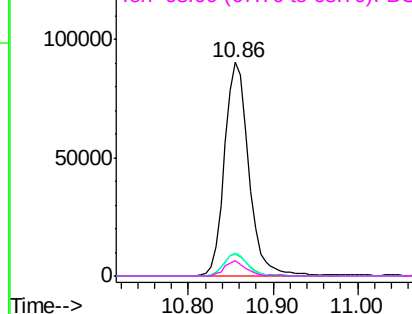
137 10.4 8.9 13.3

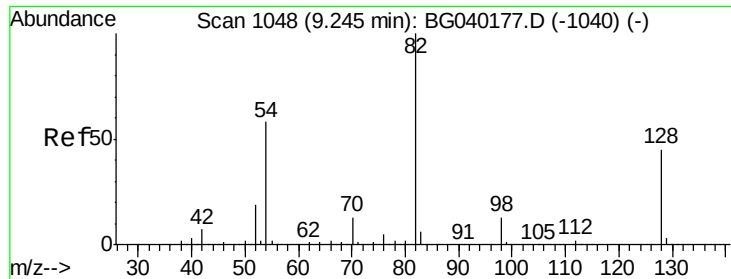
54 11.1 9.6 14.4

68 7.0 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

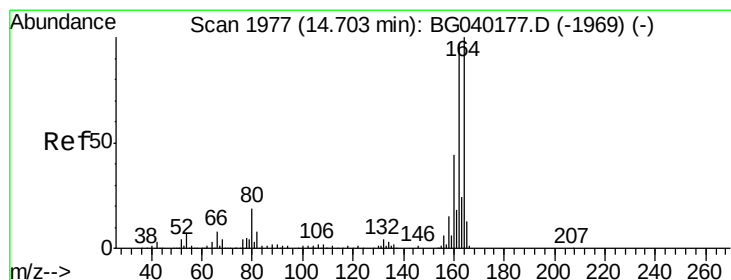
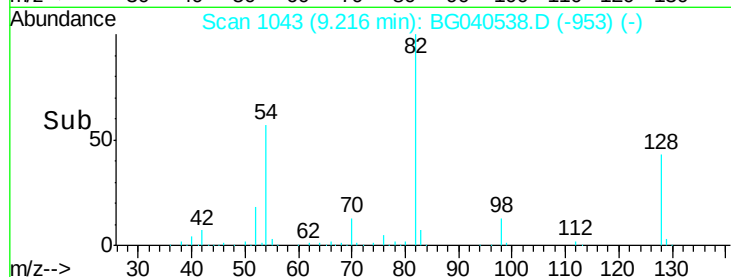
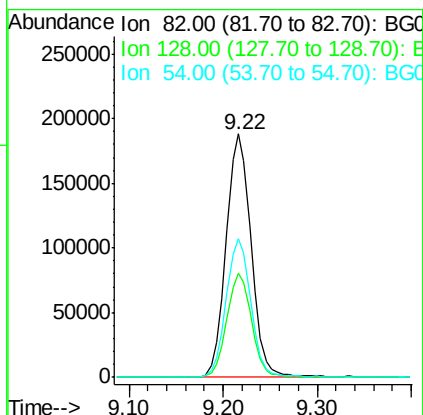
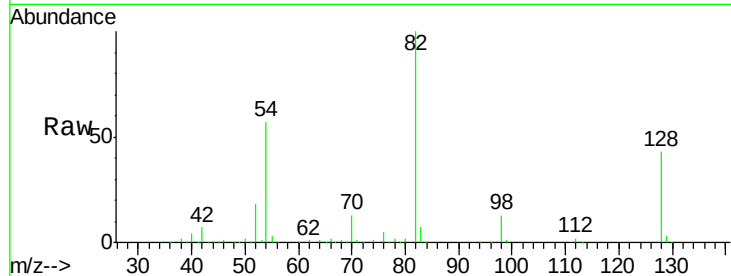




#23
 Nitrobenzene-d5
 Concen: 102.875 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040538.D
 Acq: 17 Apr 2019 20:29

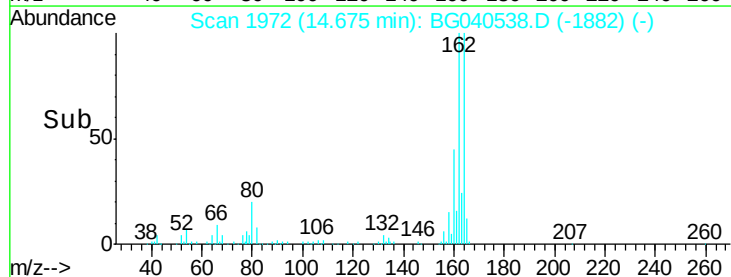
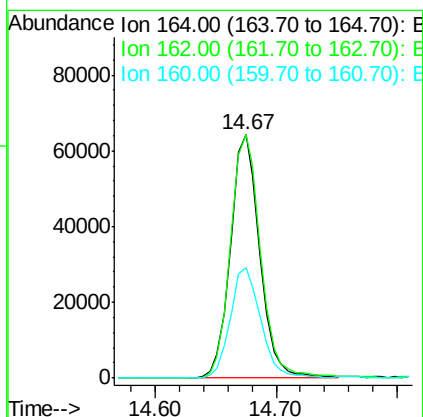
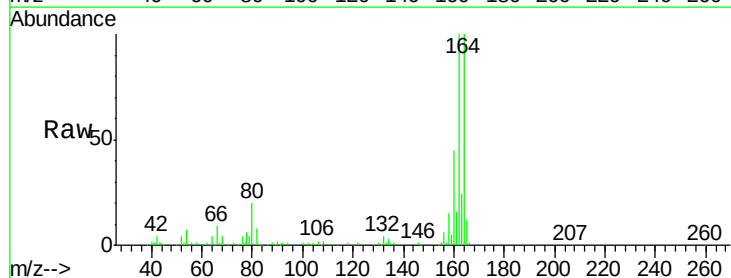
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619

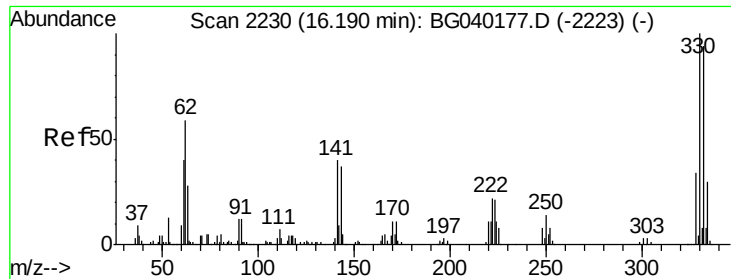
Tgt Ion: 82 Resp: 348608
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.8 53.8
 54 57.0 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040538.D
 Acq: 17 Apr 2019 20:29

Tgt Ion: 164 Resp: 108533
 Ion Ratio Lower Upper
 164 100
 162 99.9 77.4 116.2
 160 45.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 164.481 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG040538.D

Acq: 17 Apr 2019 20:29

Instrument :

BNA_G

ClientSampleId :

HD-01-041619

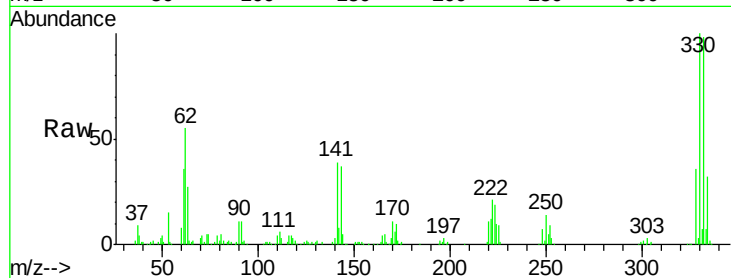
Tgt Ion:330 Resp: 192930

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

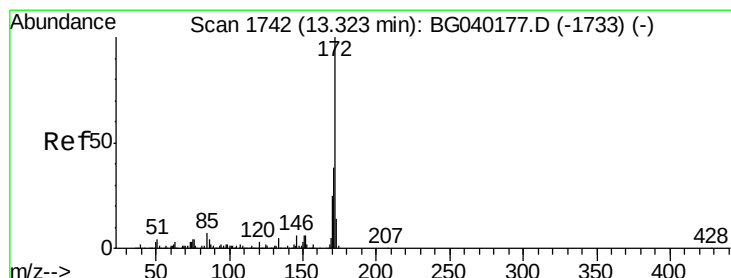
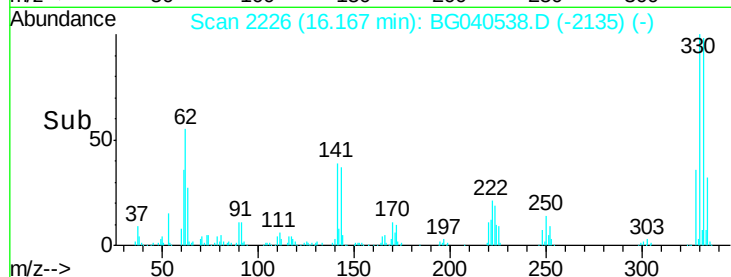
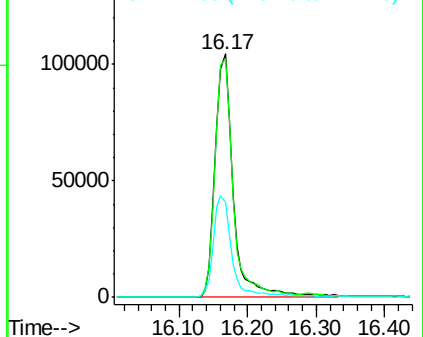
141 42.3 32.6 48.8



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: 100.073 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG040538.D

Acq: 17 Apr 2019 20:29

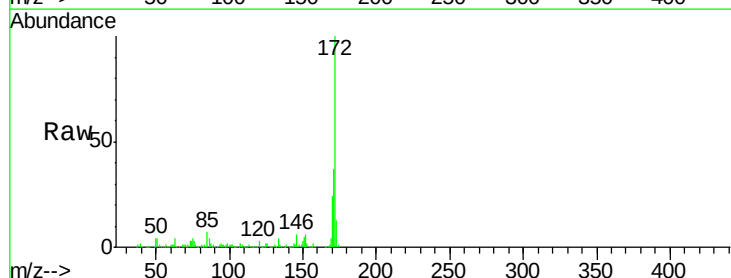
Tgt Ion:172 Resp: 732993

Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

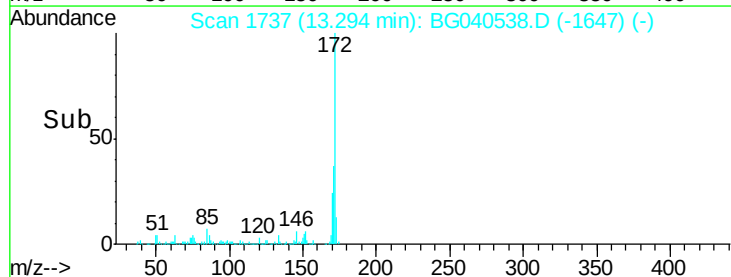
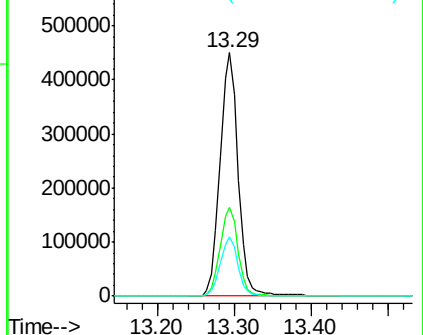
170 24.1 20.1 30.1

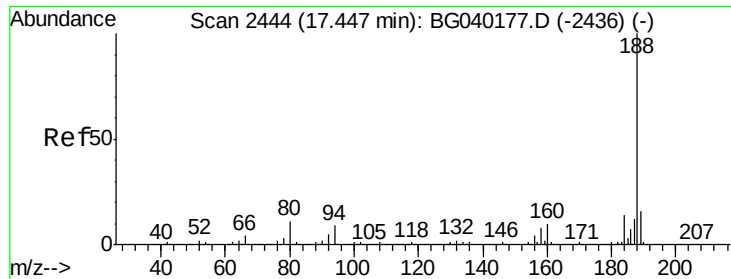


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

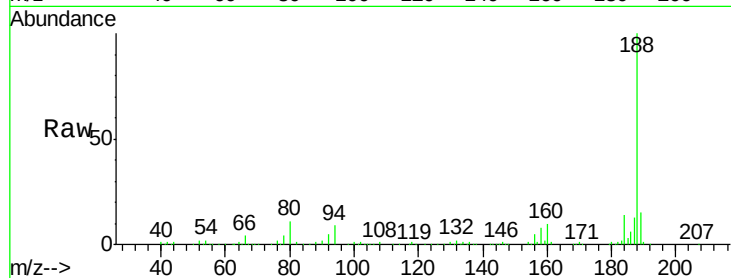




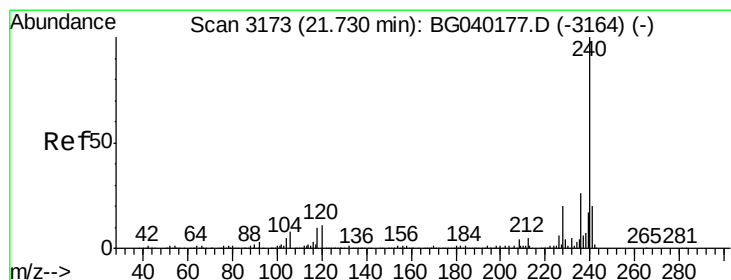
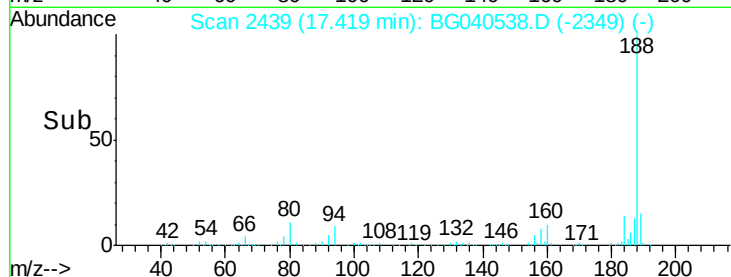
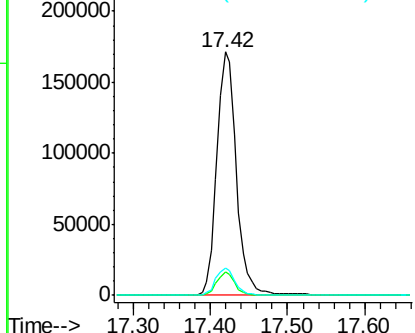
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG040538.D
Acq: 17 Apr 2019 20:29

Instrument :
BNA_G
ClientSampleId :
HD-01-041619

Tgt Ion:188 Resp: 299501
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 11.1 8.6 13.0

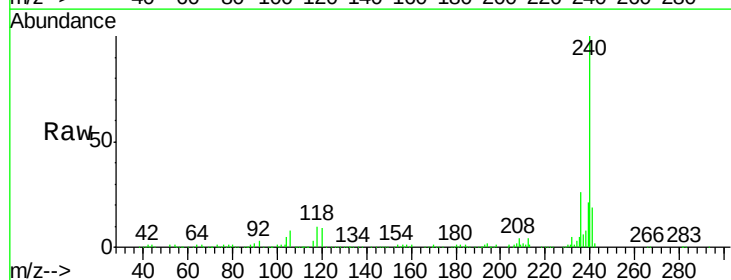


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

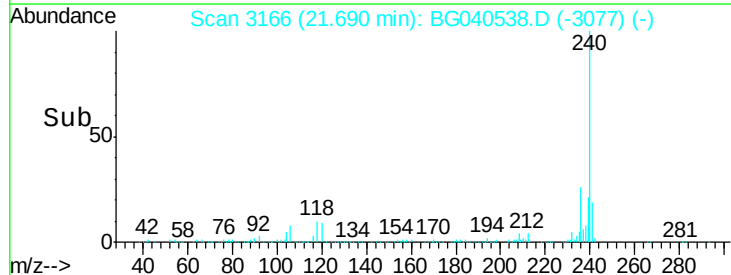
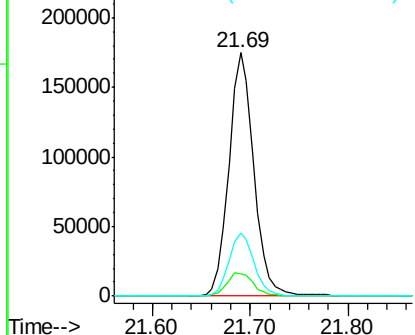


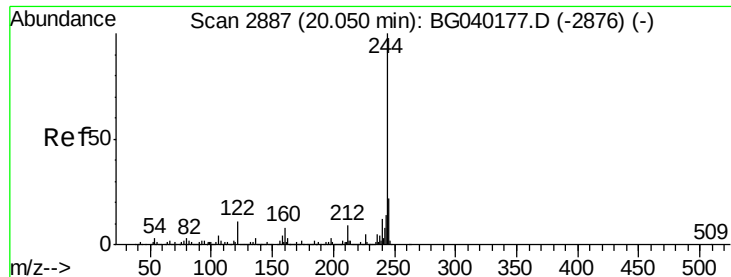
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG040538.D
Acq: 17 Apr 2019 20:29

Tgt Ion:240 Resp: 309318
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.0 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





#79

Terphenyl-d14

Concen: 100.717 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040538.D

Acq: 17 Apr 2019 20:29

Instrument :

BNA_G

ClientSampleId :

HD-01-041619

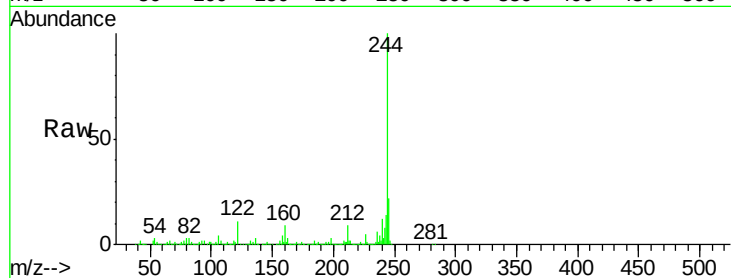
Tgt Ion:244 Resp: 1384821

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

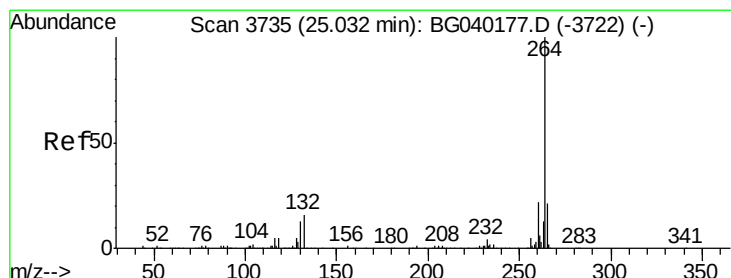
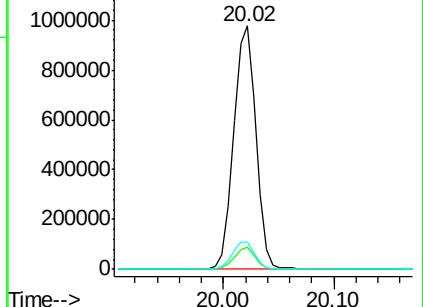
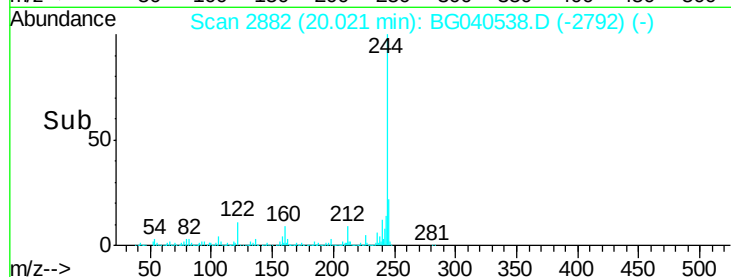
122 11.3 8.5 12.7



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: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040538.D

Acq: 17 Apr 2019 20:29

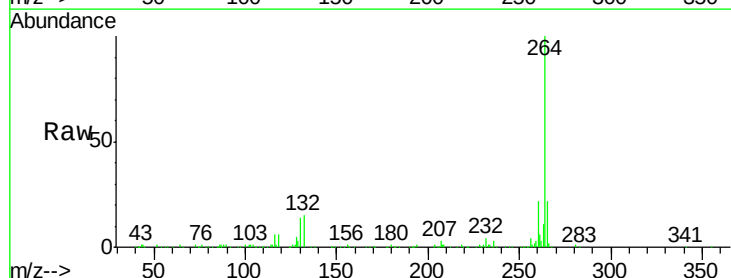
Tgt Ion:264 Resp: 327939

Ion Ratio Lower Upper

264 100

260 22.2 17.9 26.9

265 21.7 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

