

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
 Data File : BG040473.D
 Acq On : 12 Apr 2019 22:52
 Operator : JU/SJ
 Sample : K2196-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-041119

Quant Time: Apr 13 01:06:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40848	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	153233	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	96483	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	265503	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	287774	20.00	ng	-0.04
87) Perylene-d12	24.97	264	299544	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	316204	128.69	ng	-0.02
7) Phenol-d6	7.20	99	381771	112.42	ng	-0.02
23) Nitrobenzene-d5	9.22	82	294822	102.27	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	153746	147.45	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	674602	103.60	ng	-0.03
79) Terphenyl-d14	20.02	244	1329384	103.92	ng	-0.03

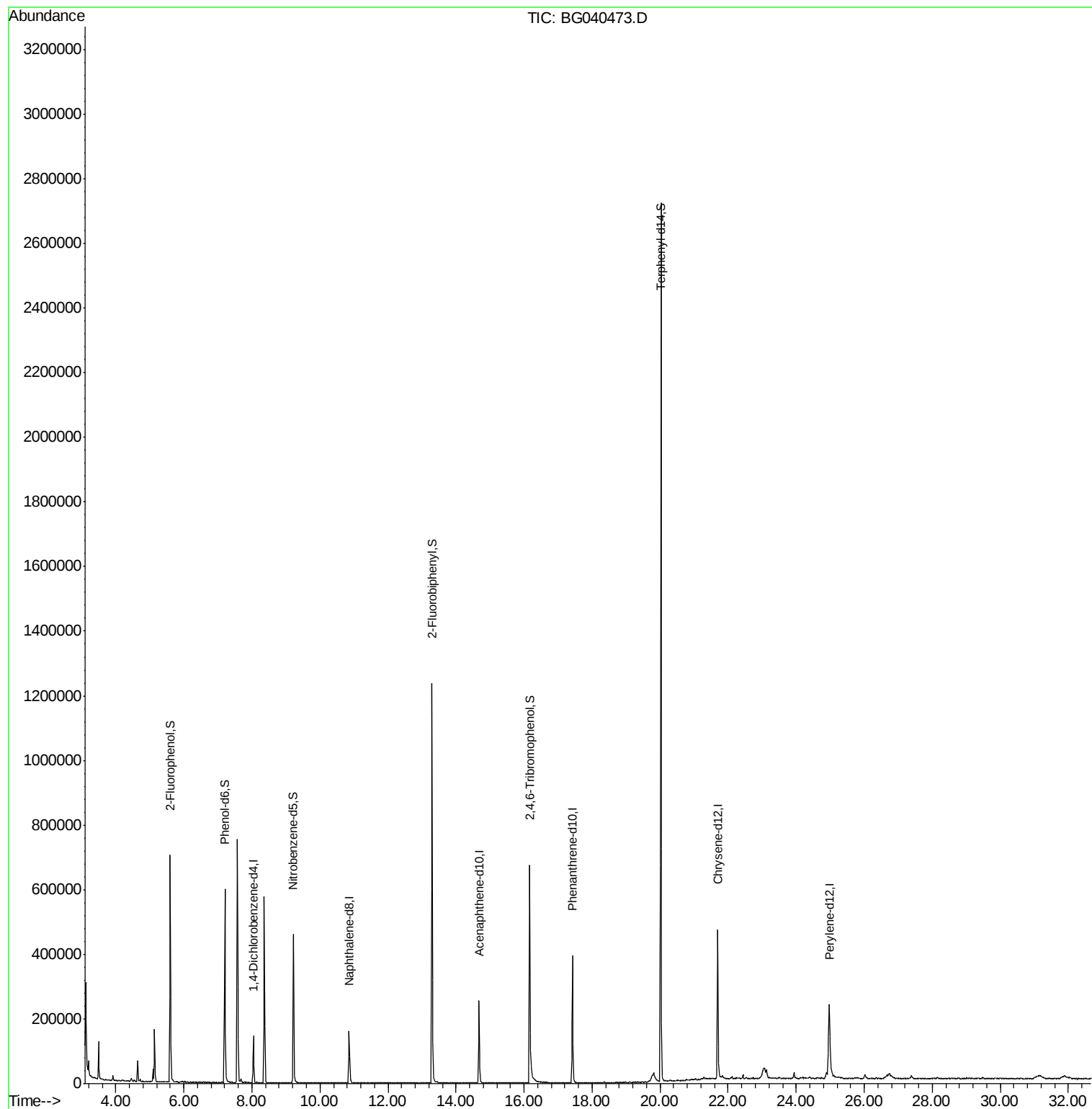
Target Compounds	Qvalue
------------------	--------

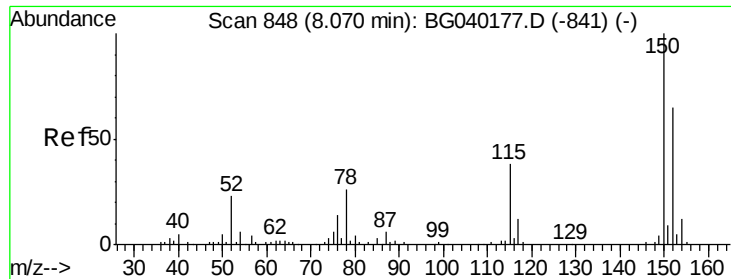
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040473.D
Acq On : 12 Apr 2019 22:52
Operator : JU/SJ
Sample : K2196-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-041119

Quant Time: Apr 13 01:06:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

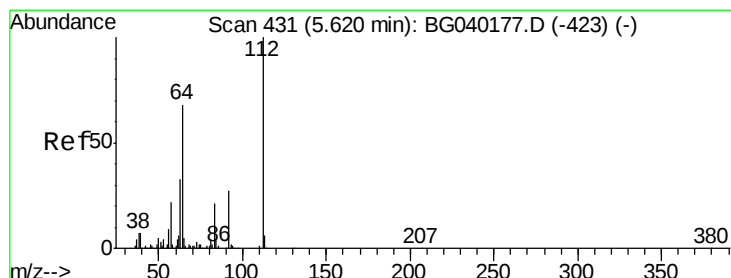
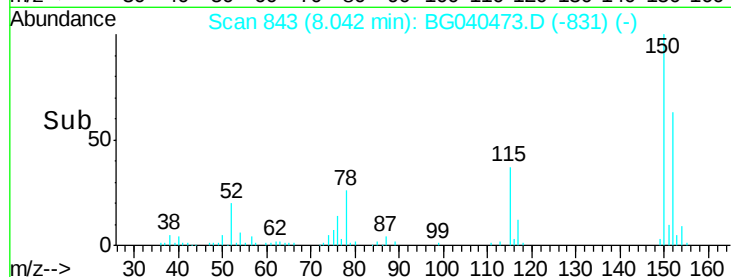
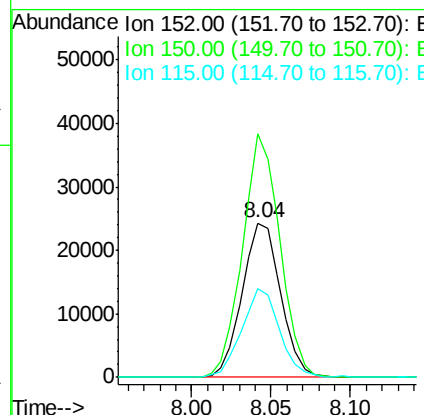
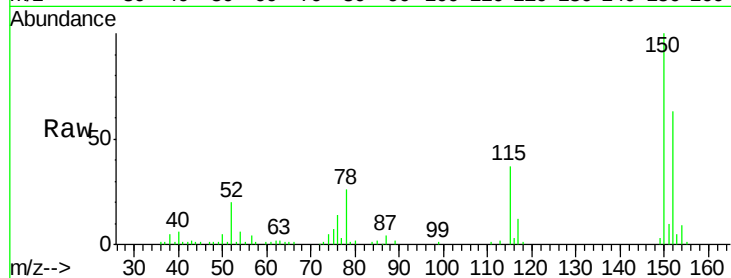




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BG040473.D
 Acq: 12 Apr 2019 22:52

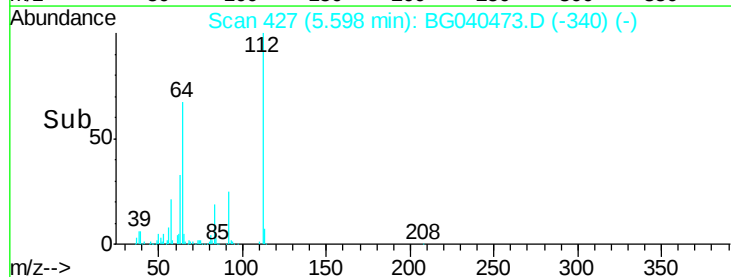
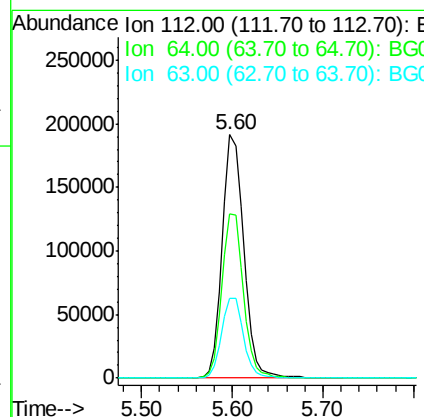
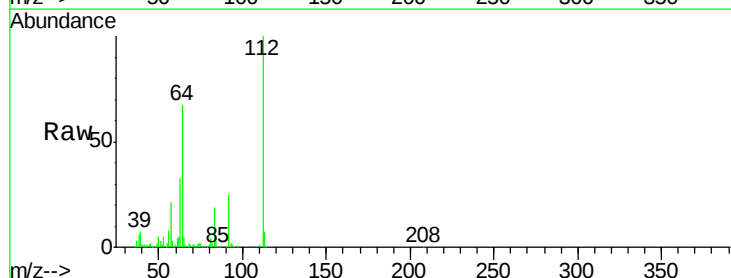
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-041119

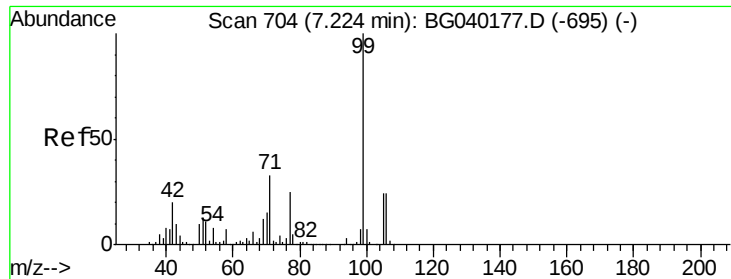
Tgt Ion:152 Resp: 40848
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.7 185.5
 115 57.7 46.9 70.3



#5
 2-Fluorophenol
 Concen: 128.687 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BG040473.D
 Acq: 12 Apr 2019 22:52

Tgt Ion:112 Resp: 316204
 Ion Ratio Lower Upper
 112 100
 64 67.3 54.2 81.2
 63 32.7 26.4 39.6





#7

Phenol-d6

Concen: 112.424 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040473.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_G

ClientSampled :

HD-02-041119

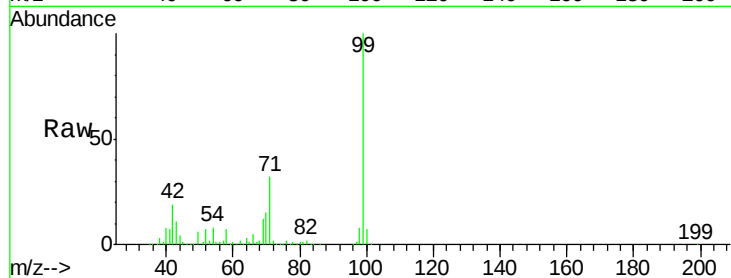
Tgt Ion: 99 Resp: 381771

Ion Ratio Lower Upper

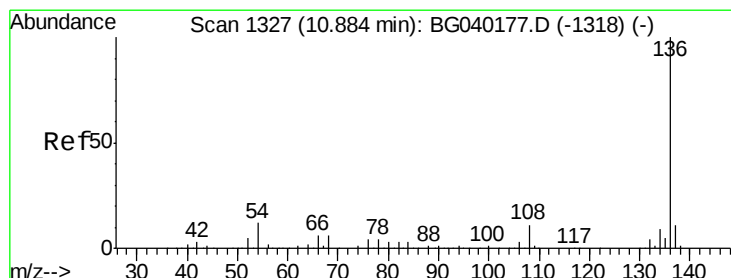
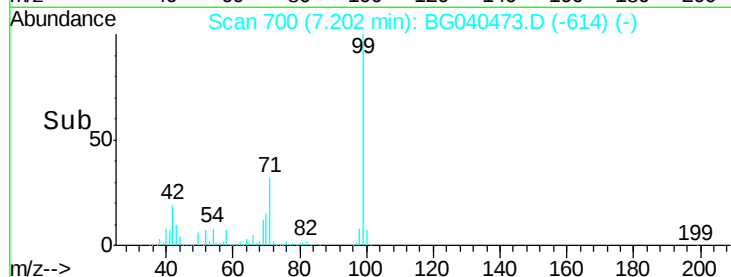
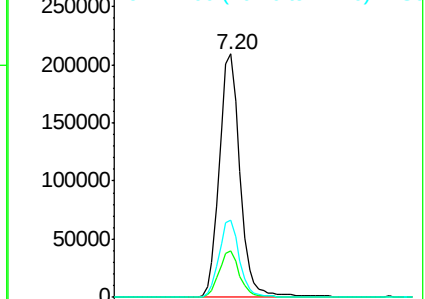
99 100

42 19.2 16.2 24.2

71 31.5 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. -0.03 min

Lab File: BG040473.D

Acq: 12 Apr 2019 22:52

Tgt Ion: 136 Resp: 153233

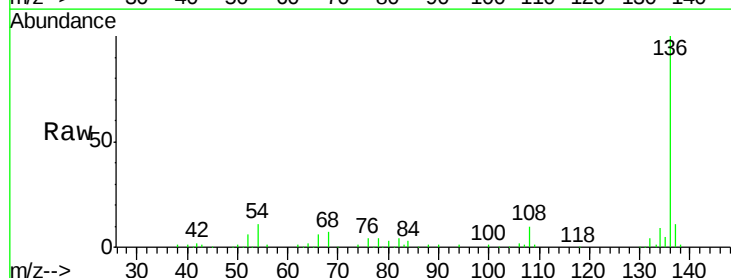
Ion Ratio Lower Upper

136 100

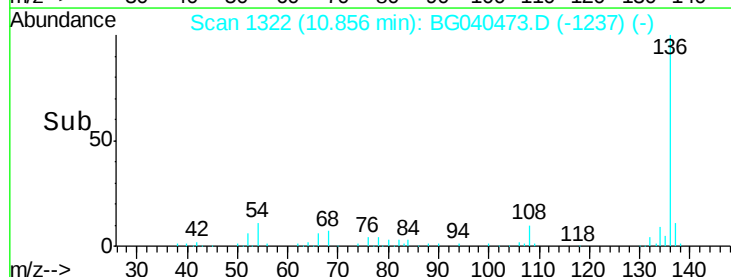
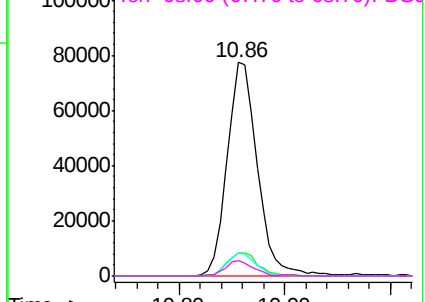
137 10.9 8.9 13.3

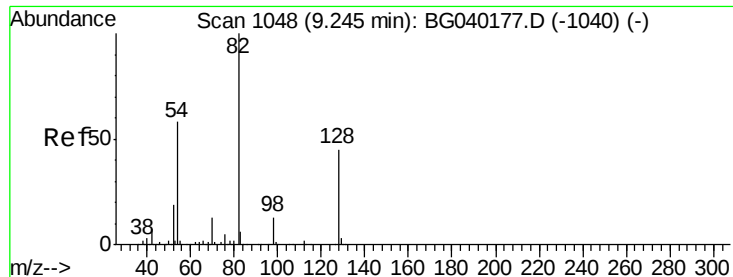
54 10.8 9.6 14.4

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

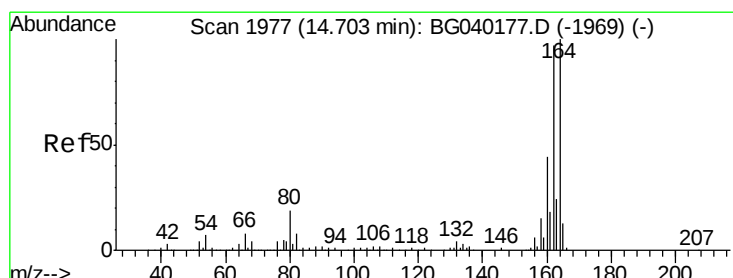
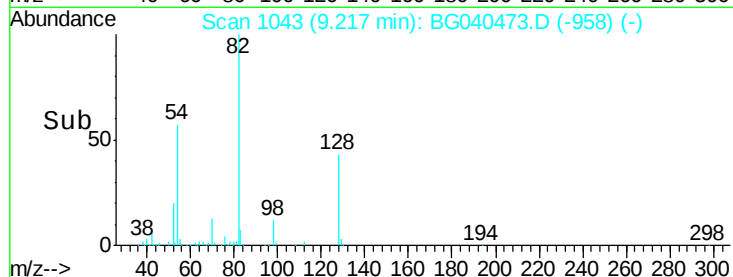
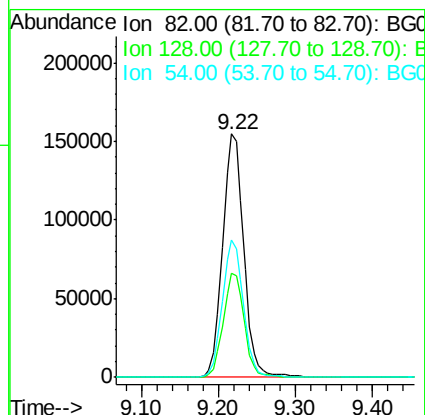
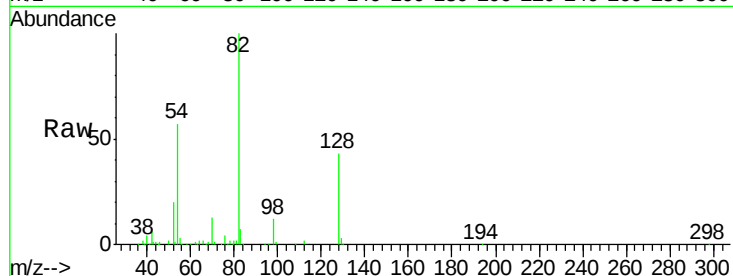




#23
 Nitrobenzene-d5
 Concen: 102.268 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040473.D
 Acq: 12 Apr 2019 22:52

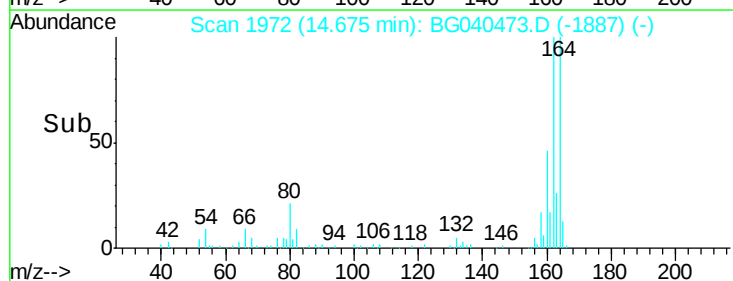
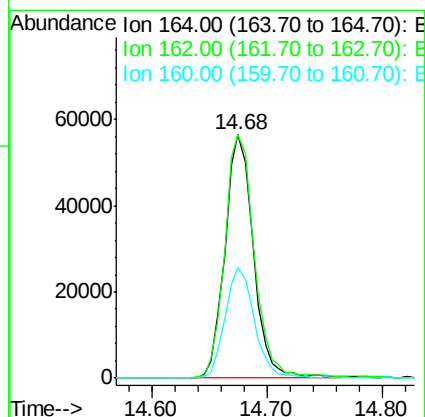
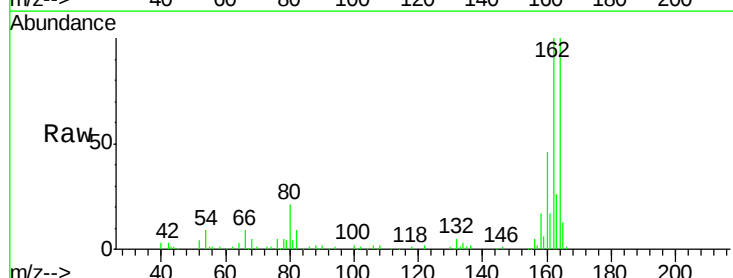
Instrument :
 BNA_G
 ClientSampleId :
 HD-02-041119

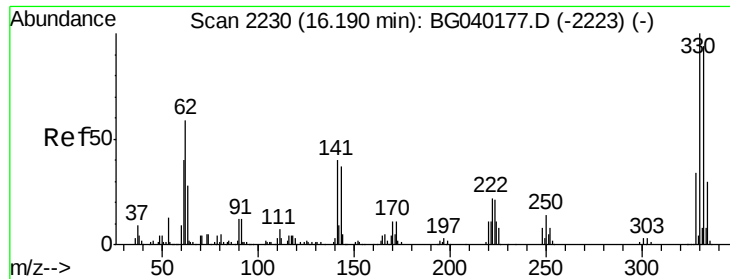
Tgt Ion: 82 Resp: 294822
 Ion Ratio Lower Upper
 82 100
 128 43.0 35.8 53.8
 54 56.6 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040473.D
 Acq: 12 Apr 2019 22:52

Tgt Ion: 164 Resp: 96483
 Ion Ratio Lower Upper
 164 100
 162 100.1 77.4 116.2
 160 45.6 35.3 52.9

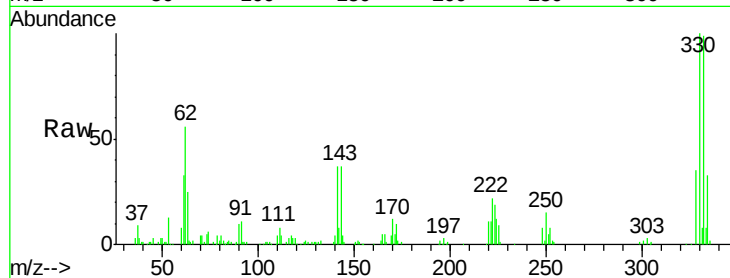




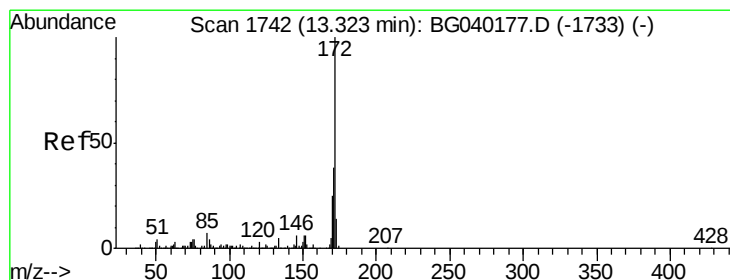
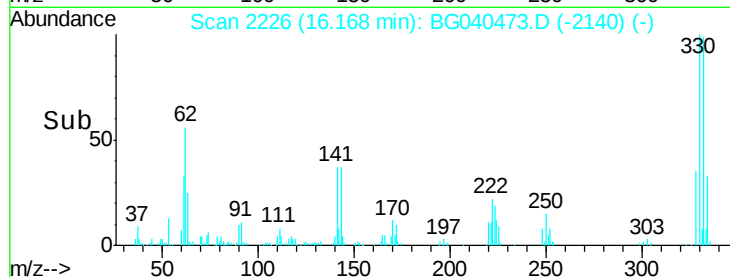
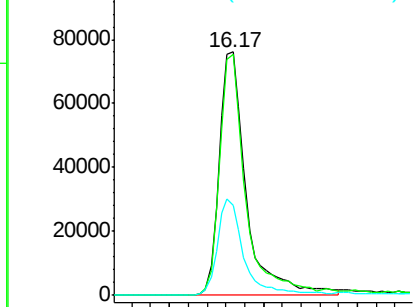
#42
 2,4,6-Tribromophenol
 Concen: 147.446 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040473.D
 Acq: 12 Apr 2019 22:52

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-041119

Tgt Ion:330 Resp: 153746
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 38.7 32.6 48.8

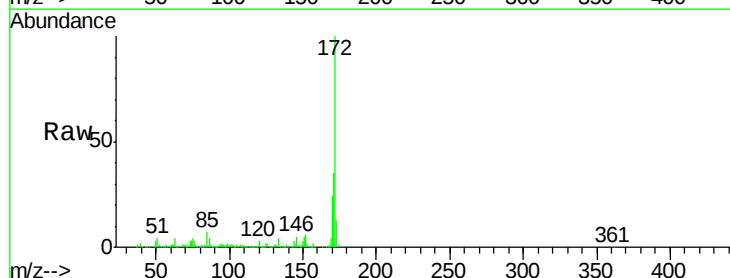


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

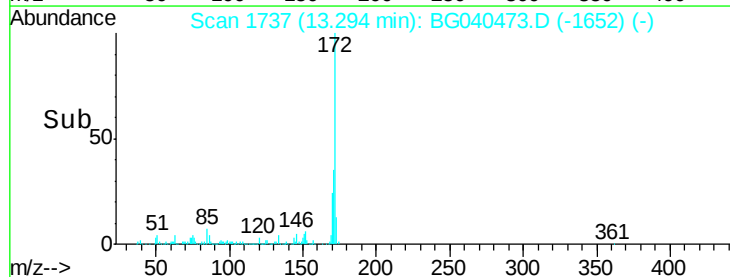
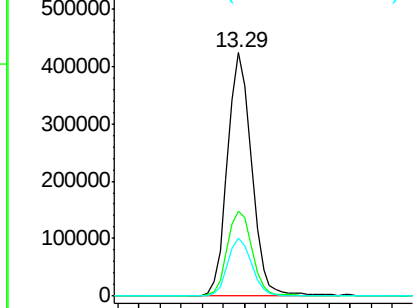


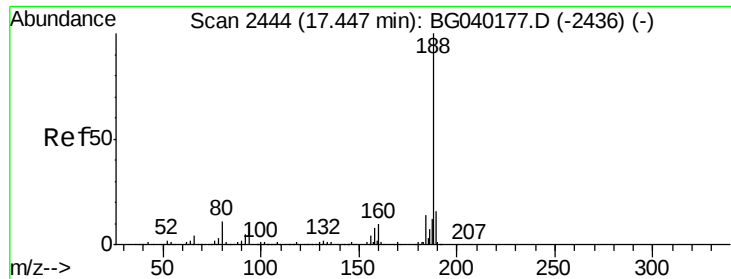
#45
 2-Fluorobiphenyl
 Concen: 103.604 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040473.D
 Acq: 12 Apr 2019 22:52

Tgt Ion:172 Resp: 674602
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.5 45.7
 170 23.8 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. -0.03 min

Lab File: BG040473.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

HD-02-041119

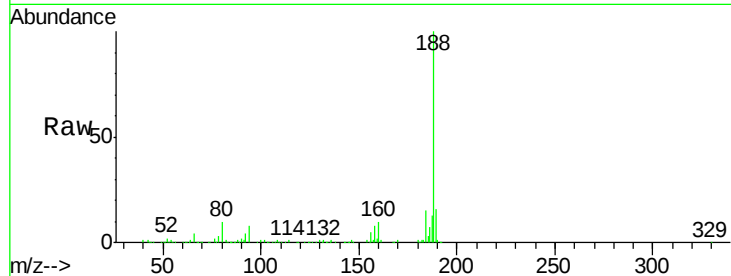
Tgt Ion:188 Resp: 265503

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

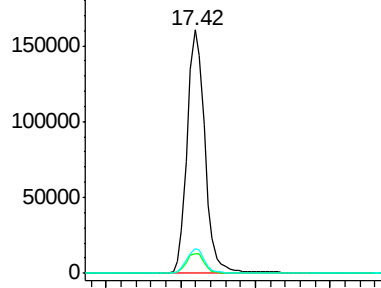
80 10.4 8.6 13.0



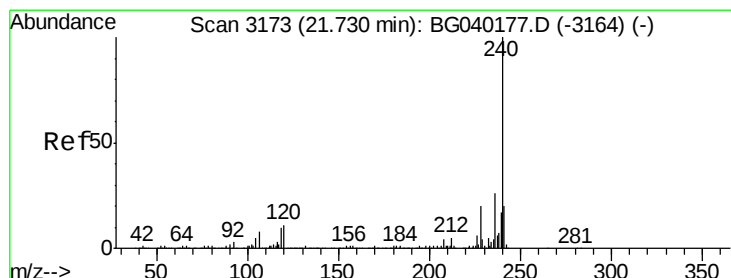
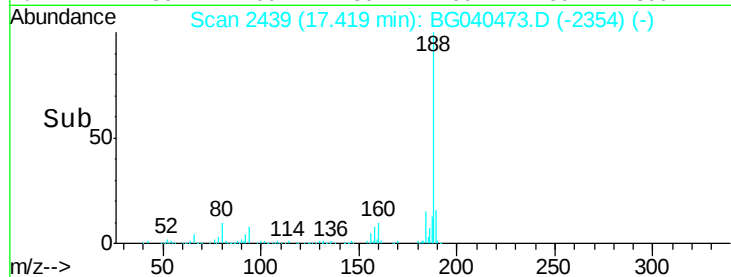
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



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. -0.04 min

Lab File: BG040473.D

Acq: 12 Apr 2019 22:52

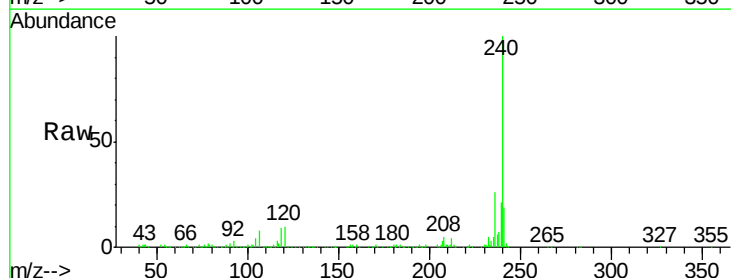
Tgt Ion:240 Resp: 287774

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

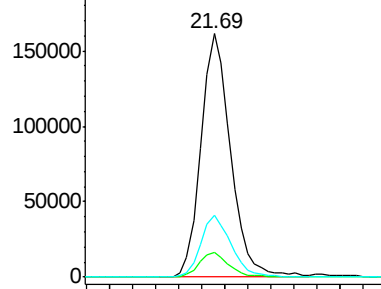
236 25.6 20.8 31.2



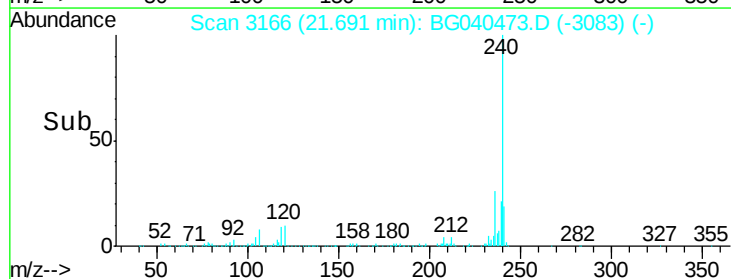
Abundance Ion 240.00 (239.70 to 240.70): E

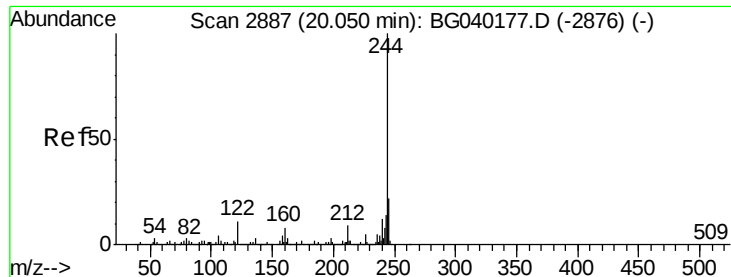
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80





#79

Terphenyl-d14

Concen: 103.924 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040473.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA_G

ClientSampleId :

HD-02-041119

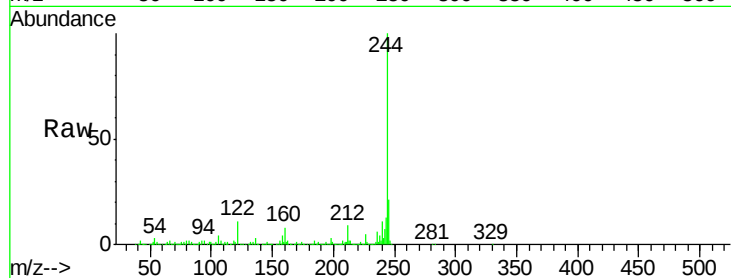
Tgt Ion:244 Resp: 1329384

Ion Ratio Lower Upper

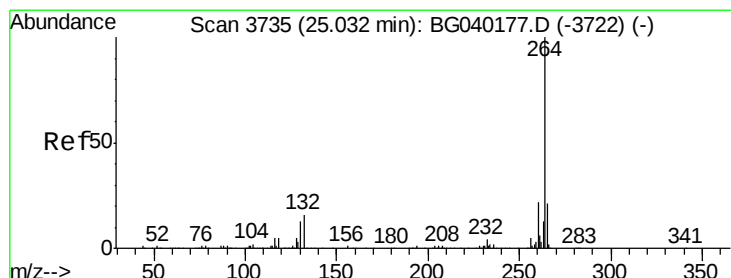
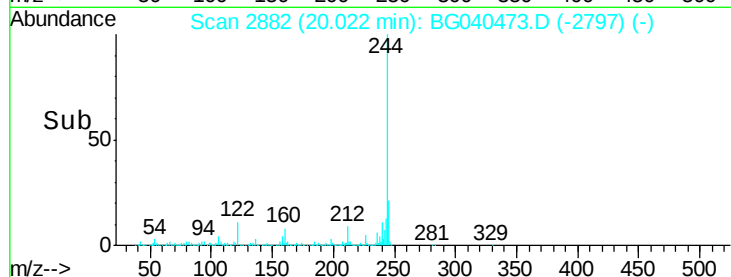
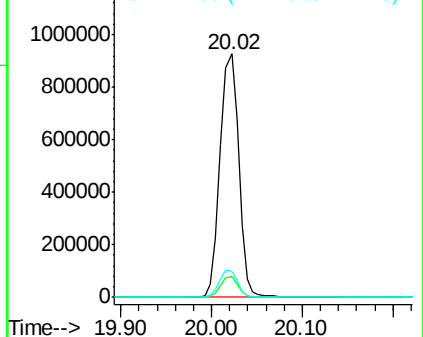
244 100

212 8.6 7.0 10.6

122 10.8 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. -0.06 min

Lab File: BG040473.D

Acq: 12 Apr 2019 22:52

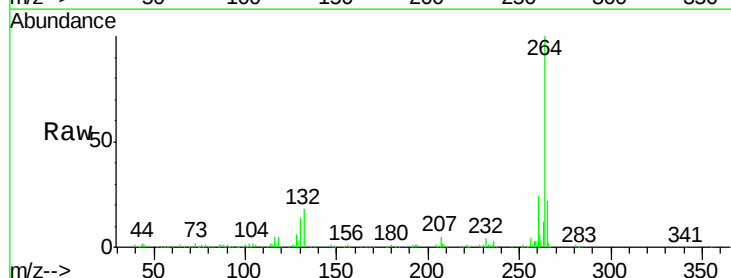
Tgt Ion:264 Resp: 299544

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.1 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

