

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040487.D
 Acq On : 15 Apr 2019 19:40
 Operator : JU/SJ
 Sample : K2397-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Quant Time: Apr 16 02:32:11 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	40047	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	156639	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	98475	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	273418	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	289460	20.00	ng	-0.03
87) Perylene-d12	24.98	264	300371	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	289820	120.31	ng	-0.02
7) Phenol-d6	7.20	99	364681	109.54	ng	-0.02
23) Nitrobenzene-d5	9.22	82	277966	94.32	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	139101	130.70	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	641388	96.51	ng	-0.03
79) Terphenyl-d14	20.02	244	1250027	97.15	ng	-0.03

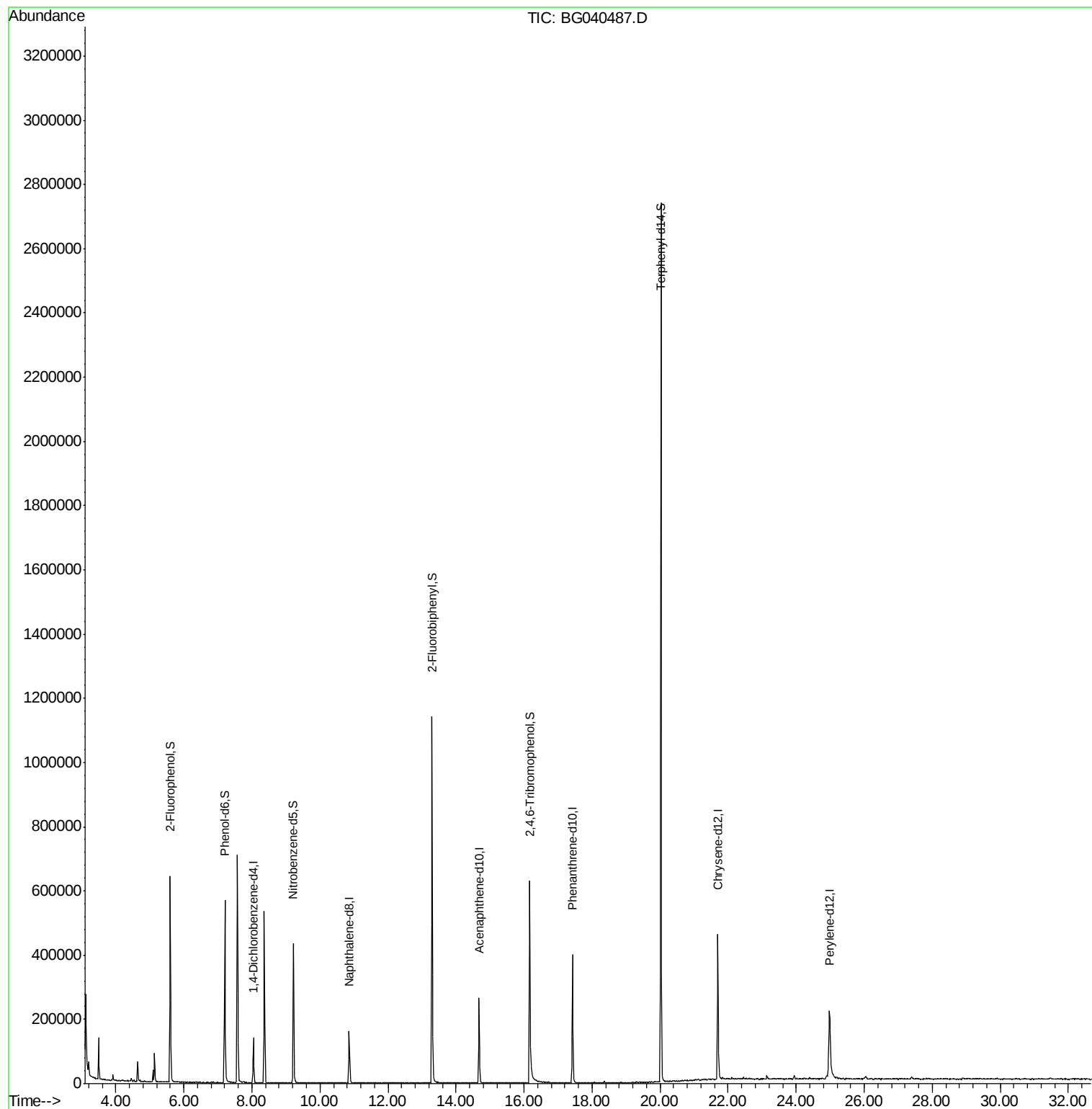
Target Compounds	Qvalue
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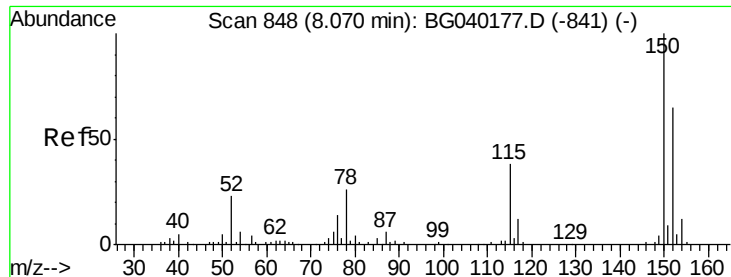
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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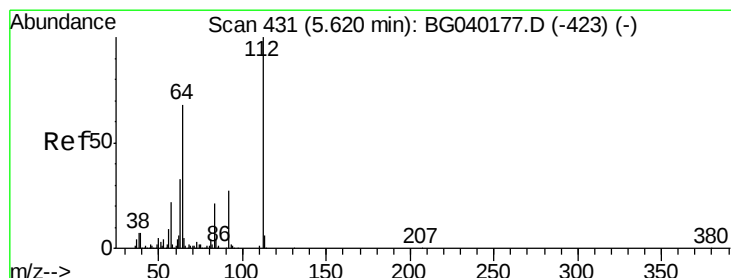
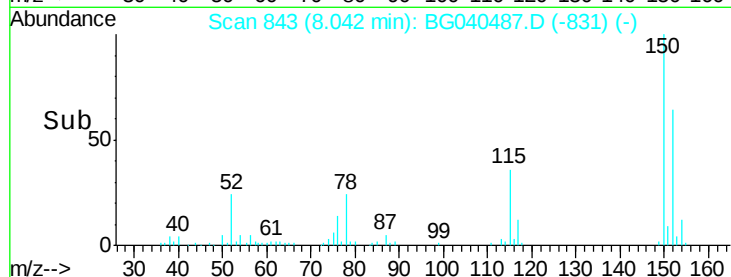
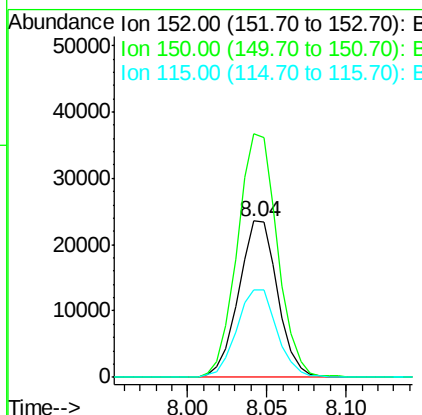
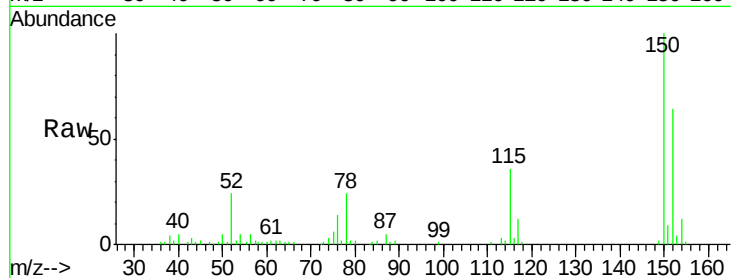


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Instrument :
BNA_G
ClientSampled :
TP-3-S

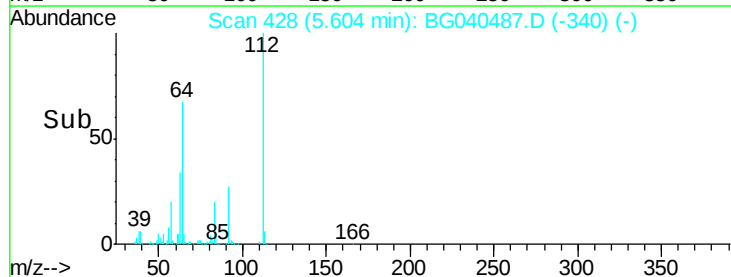
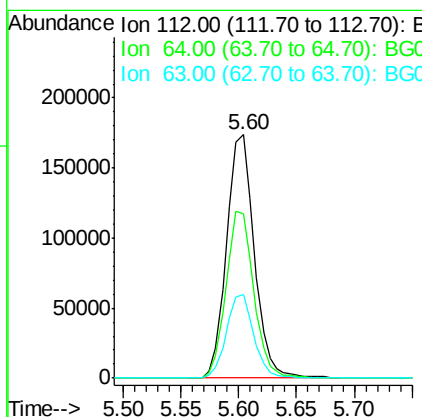
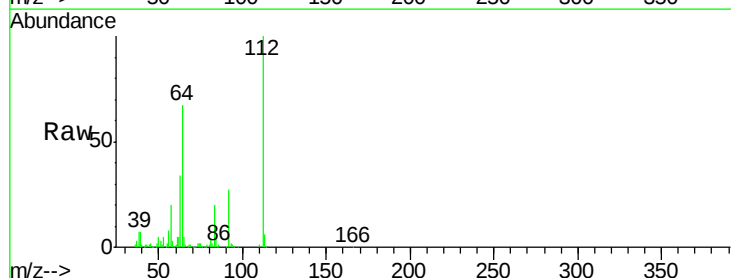
Tgt Ion:152 Resp: 40047
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 55.8 46.9 70.3

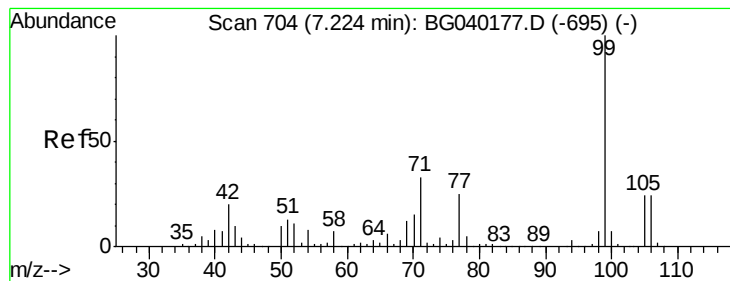


#5

2-Fluorophenol
Concen: 120.309 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:112 Resp: 289820
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.2
63 34.1 26.4 39.6





#7

Phenol-d6

Concen: 109.539 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040487.D

Acq: 15 Apr 2019 19:40

Instrument :

BNA_G

ClientSampled :

TP-3-S

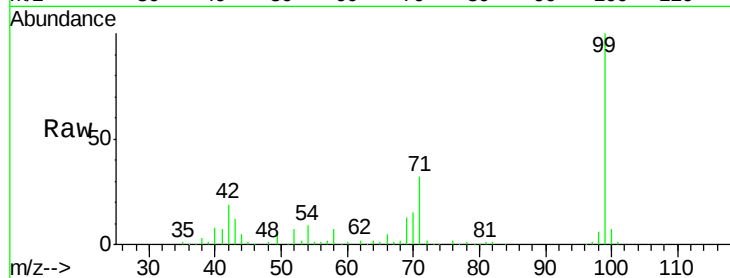
Tgt Ion: 99 Resp: 364681

Ion Ratio Lower Upper

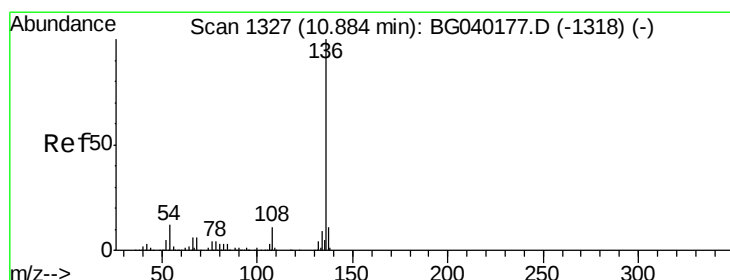
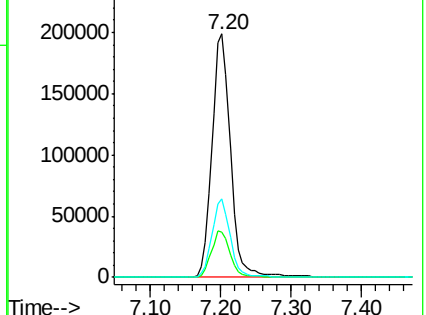
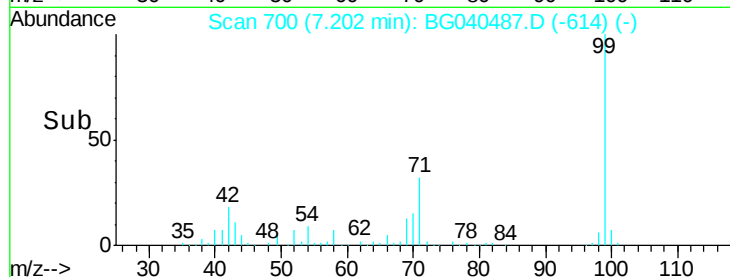
99 100

42 18.5 16.2 24.2

71 32.3 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: BG040487.D

Acq: 15 Apr 2019 19:40

Tgt Ion: 136 Resp: 156639

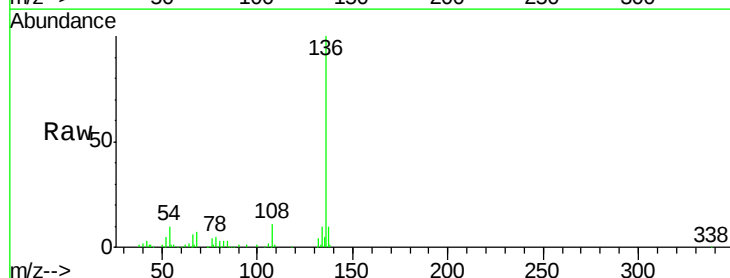
Ion Ratio Lower Upper

136 100

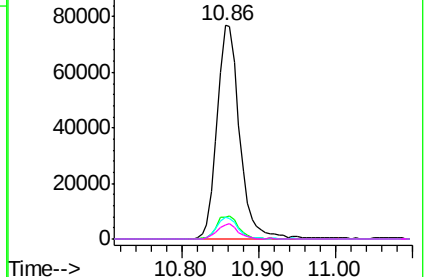
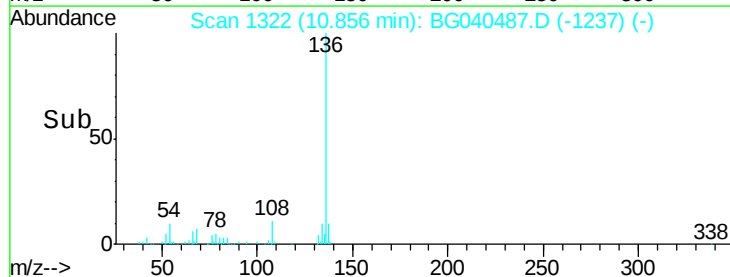
137 10.3 8.9 13.3

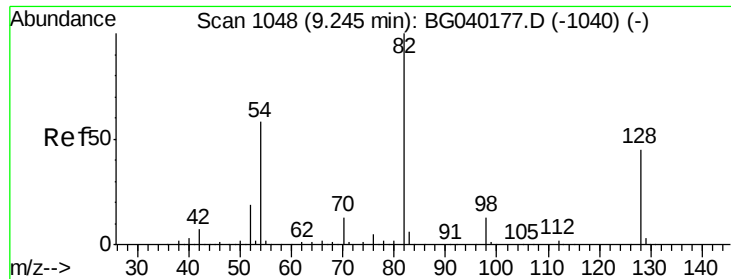
54 9.9 9.6 14.4

68 6.7 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

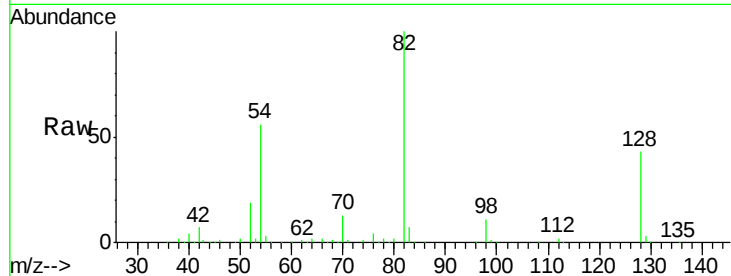




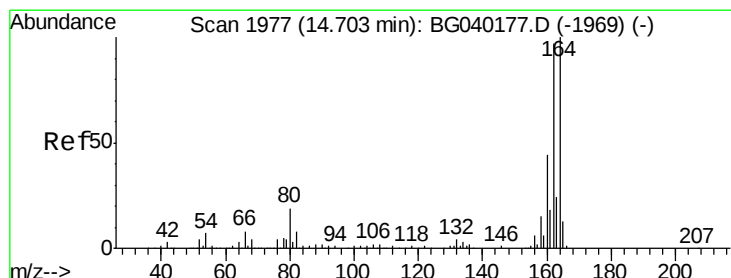
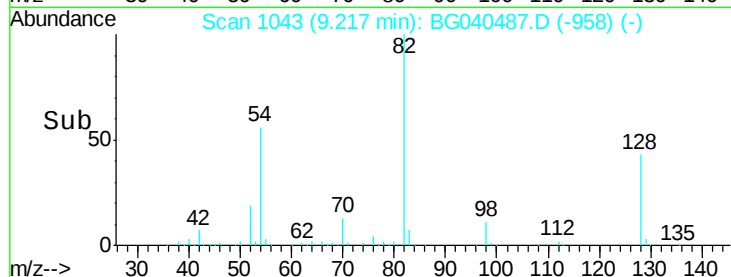
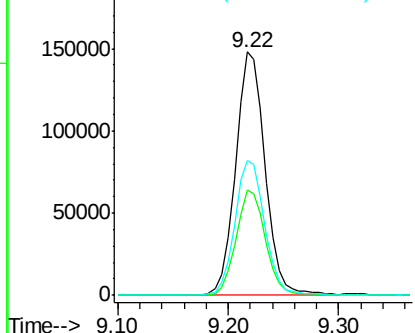
#23
Nitrobenzene-d5
Concen: 94.324 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion: 82 Resp: 277966
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.8
54 55.6 46.2 69.2

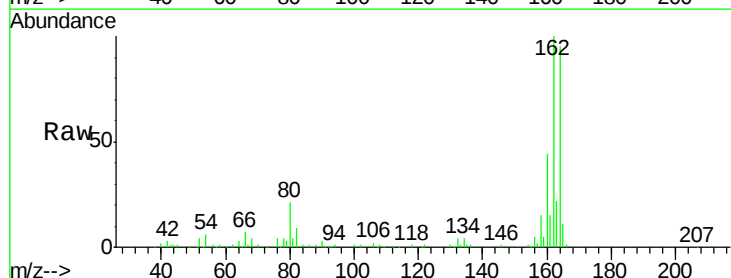


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

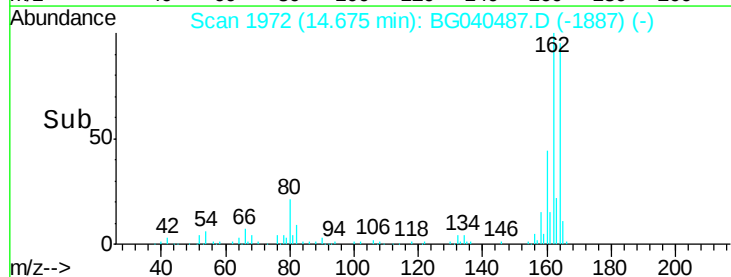
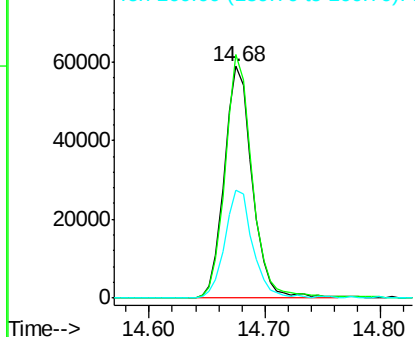


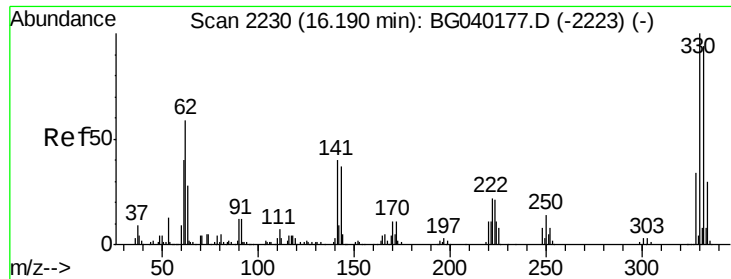
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion: 164 Resp: 98475
Ion Ratio Lower Upper
164 100
162 105.0 77.4 116.2
160 46.5 35.3 52.9



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

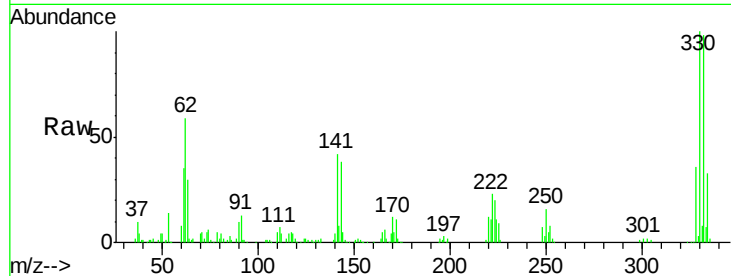




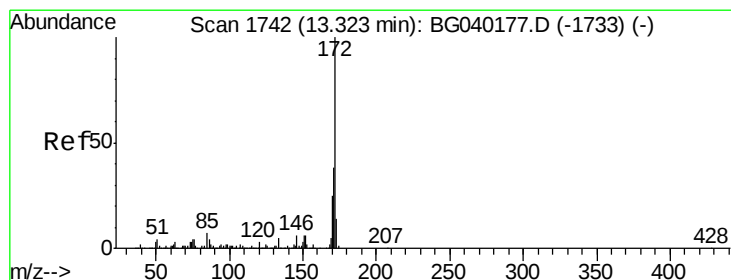
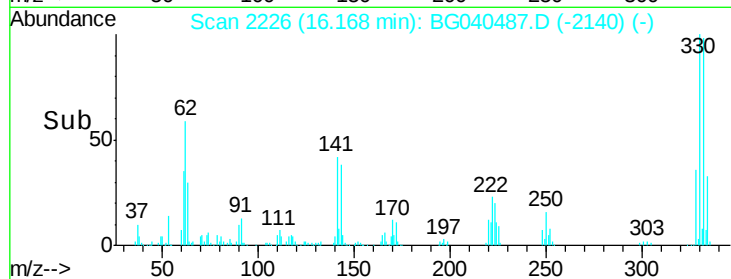
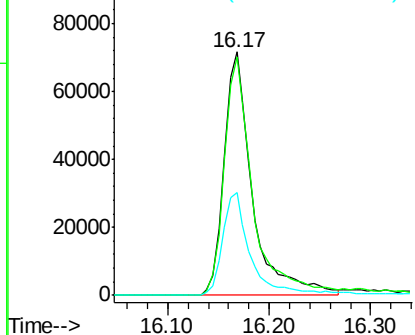
#42
 2,4,6-Tribromophenol
 Concen: 130.702 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040487.D
 Acq: 15 Apr 2019 19:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Tgt Ion:330 Resp: 139101
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 115.0
 141 40.9 32.6 48.8

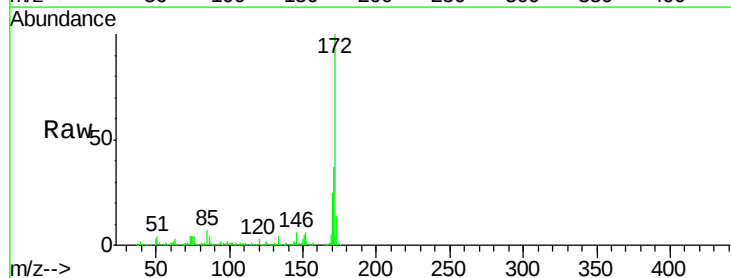


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

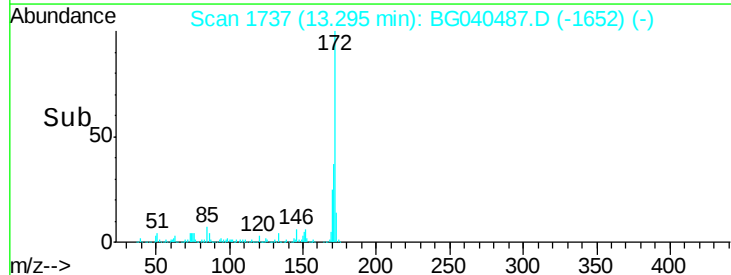
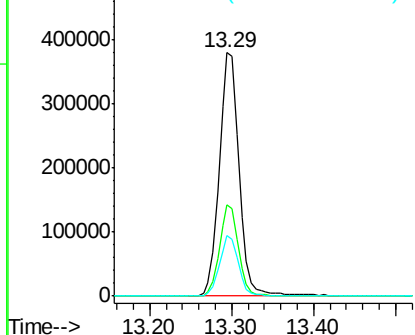


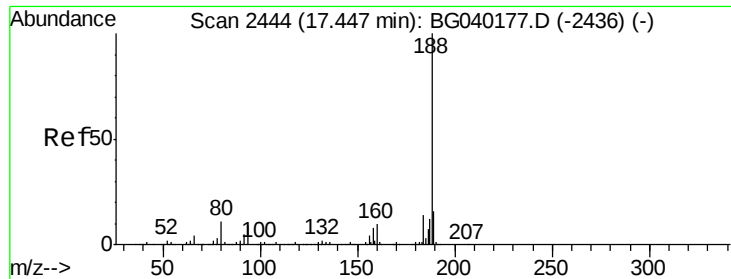
#45
 2-Fluorobiphenyl
 Concen: 96.510 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040487.D
 Acq: 15 Apr 2019 19:40

Tgt Ion:172 Resp: 641388
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.1 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

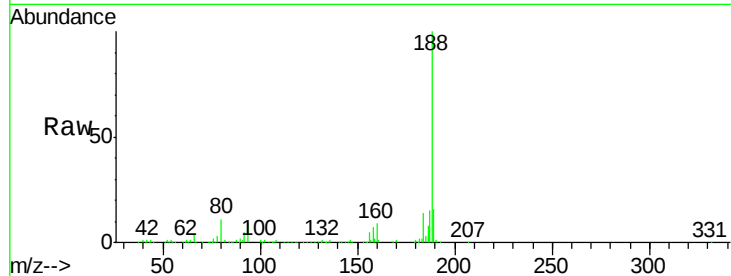




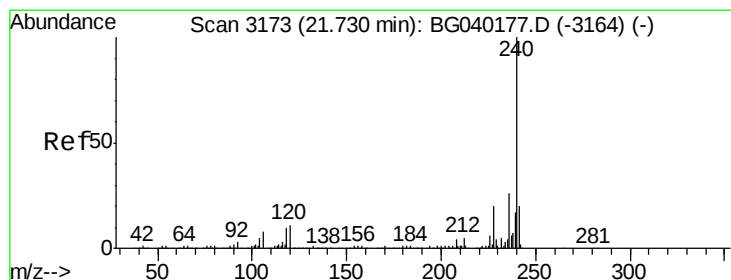
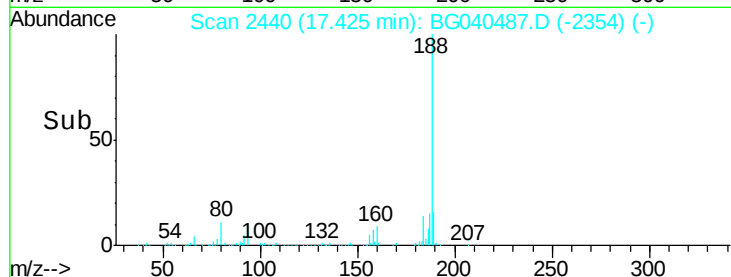
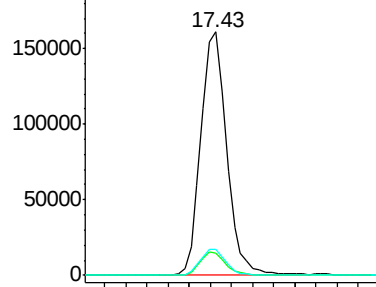
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:188 Resp: 273418
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.5 8.6 13.0

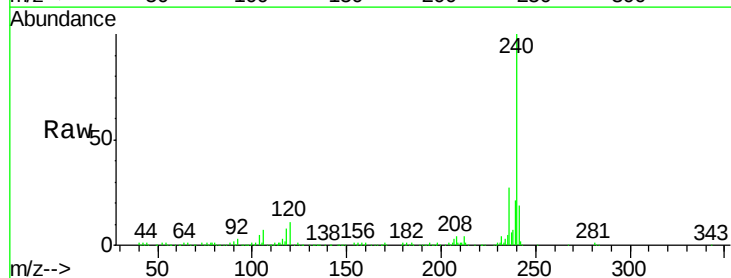


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

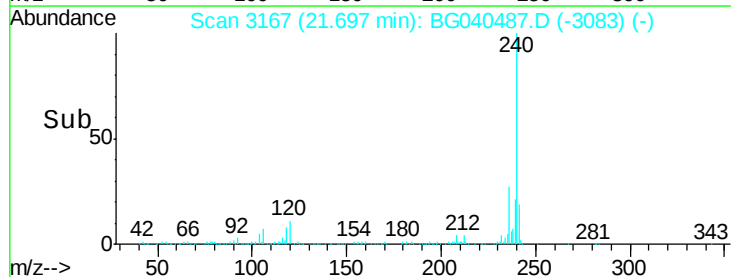
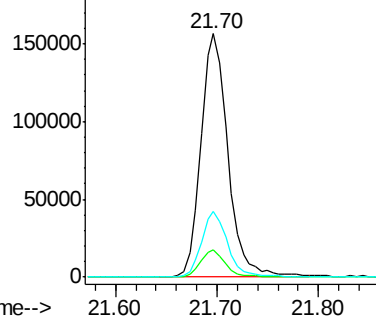


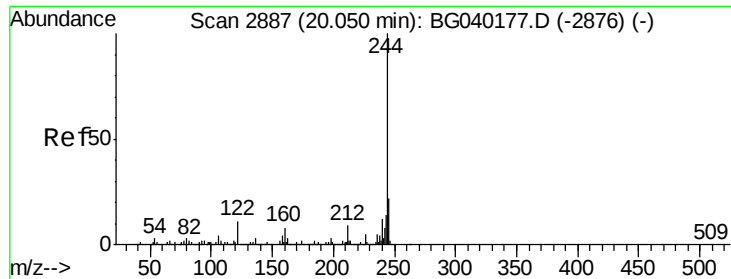
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:240 Resp: 289460
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 26.7 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: 97.151 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040487.D

Acq: 15 Apr 2019 19:40

Instrument :

BNA_G

ClientSampleId :

TP-3-S

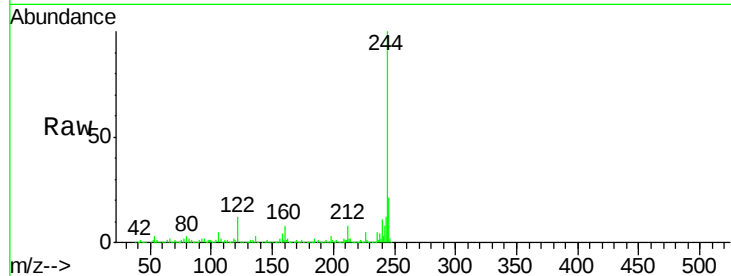
Tgt Ion:244 Resp: 1250027

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

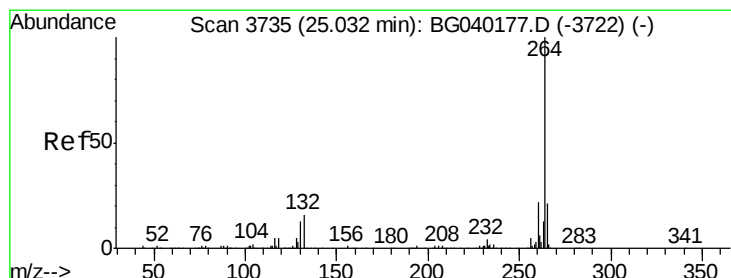
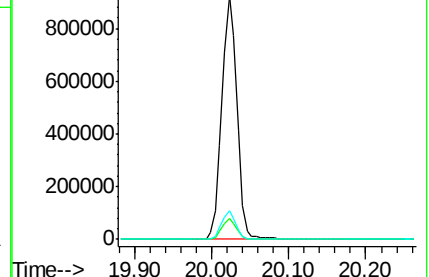
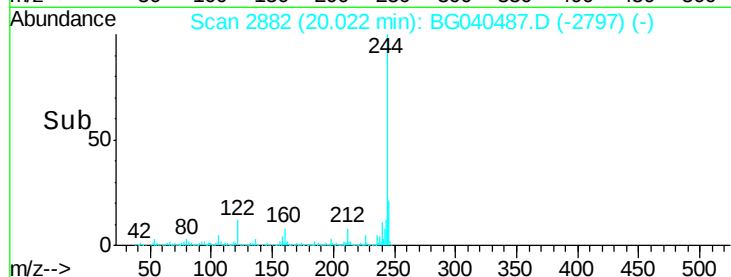
122 11.7 8.5 12.7



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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040487.D

Acq: 15 Apr 2019 19:40

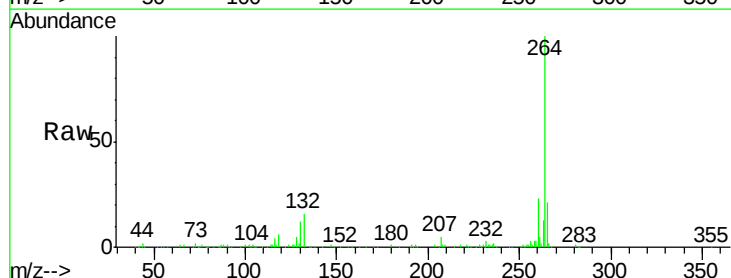
Tgt Ion:264 Resp: 300371

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.2 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

