

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041140.D
 Acq On : 8 Jun 2019 19:19
 Operator : HP/JU
 Sample : K3204-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jun 10 04:20:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

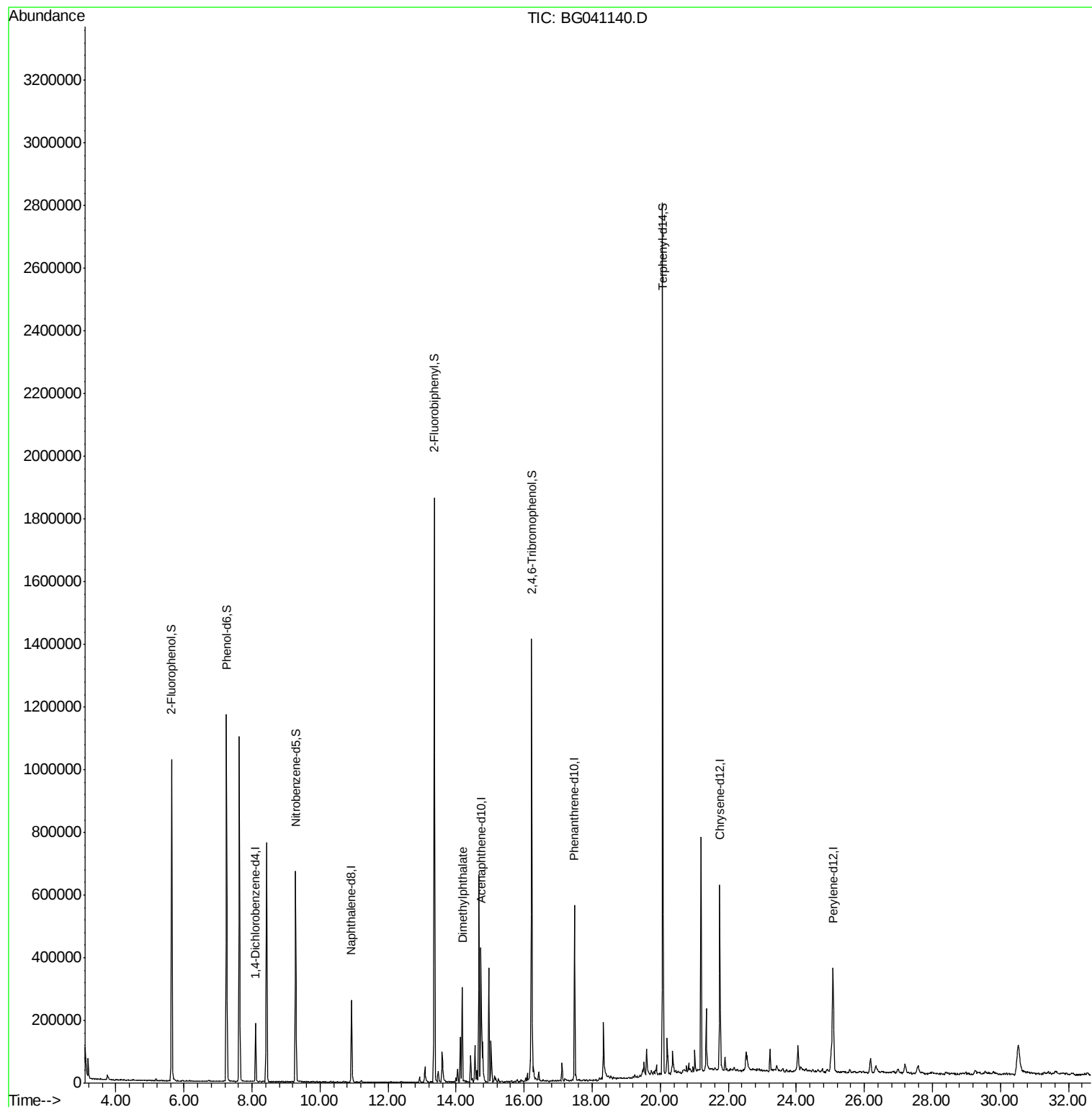
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50623	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	213048	20.00	ng	-0.03
39) Acenaphthene-d10	14.73	164	146255	20.00	ng	-0.03
64) Phenanthrene-d10	17.48	188	354990	20.00	ng	-0.03
76) Chrysene-d12	21.75	240	354028	20.00	ng	-0.03
87) Perylene-d12	25.08	264	381578	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	403617	143.77	ng	-0.02
7) Phenol-d6	7.25	99	604731	139.48	ng	-0.02
23) Nitrobenzene-d5	9.29	82	411517	85.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	282641	130.17	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	936793	92.24	ng	-0.03
79) Terphenyl-d14	20.08	244	1373529	82.34	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.18	163	195004	15.751	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 854

Delta R.T. -0.03 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

COMP-1

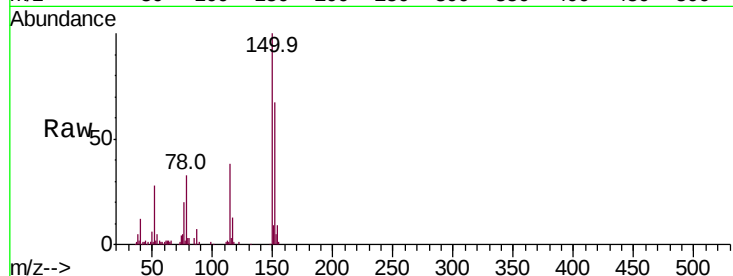
Tot Ion:152 Resp: 50623

Ion Ratio Lower Upper

152 100

150 149.8 120.6 180.8

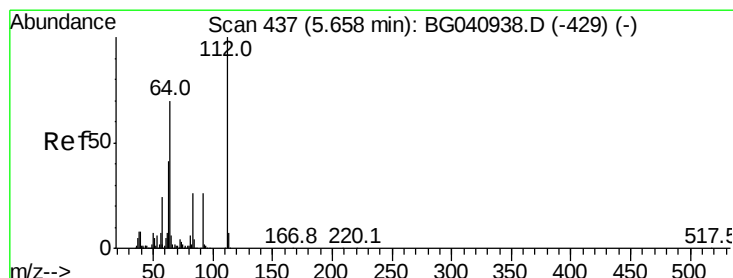
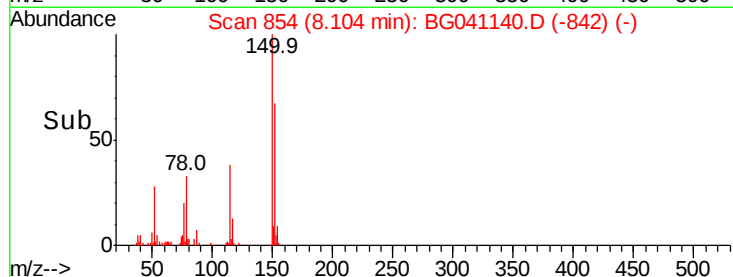
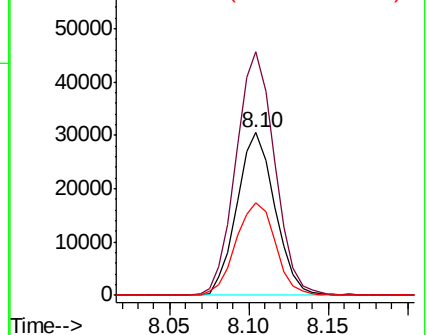
115 57.0 45.1 67.7



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: 143.770 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.02 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

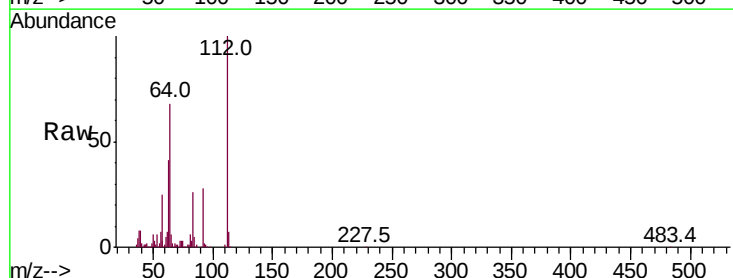
Tgt Ion:112 Resp: 403617

Ion Ratio Lower Upper

112 100

64 68.4 56.2 84.2

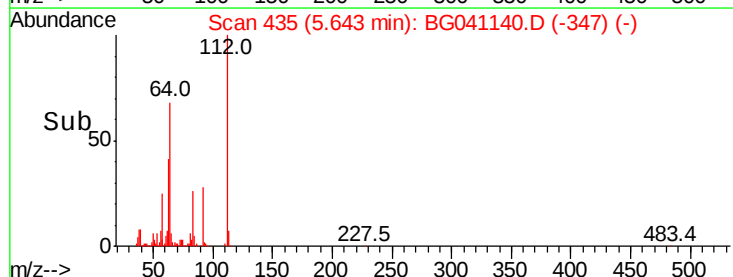
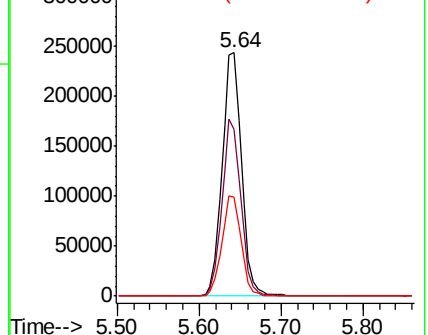
63 40.8 32.8 49.2

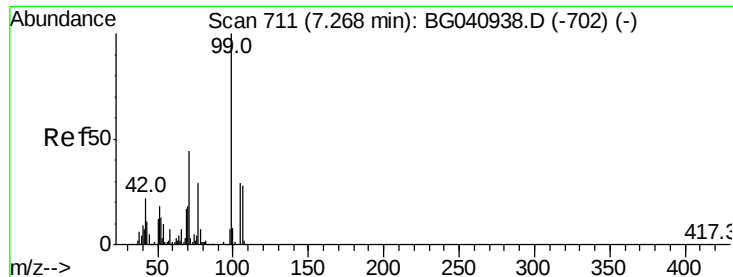


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 139.477 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

COMP-1

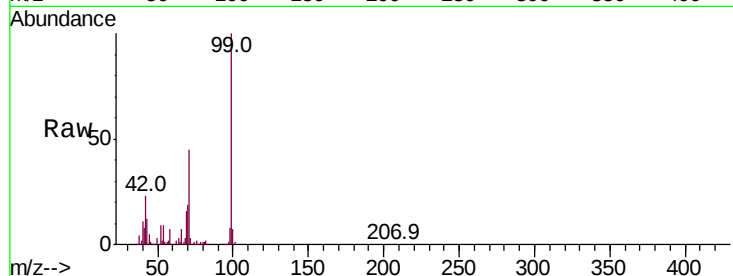
Tot Ion: 99 Resp: 604731

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

71 45.4 35.4 53.0

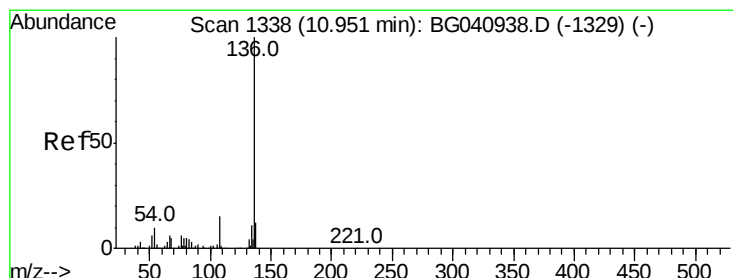
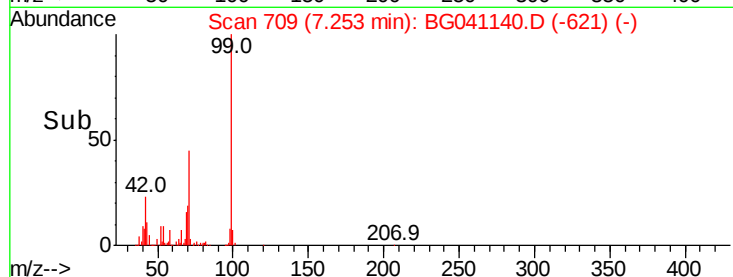
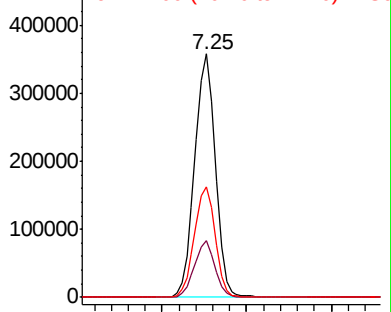


Abundance

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: 10.92 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

Tgt Ion: 136 Resp: 213048

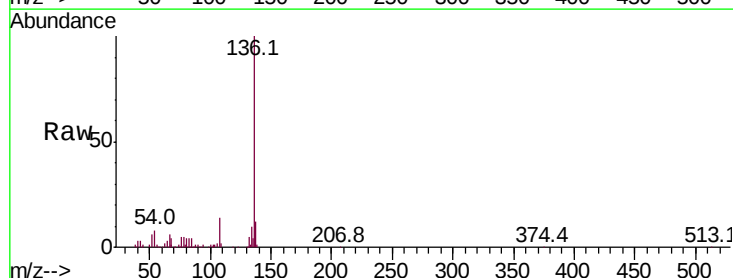
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 8.2 7.6 11.4

68 4.3 3.9 5.9



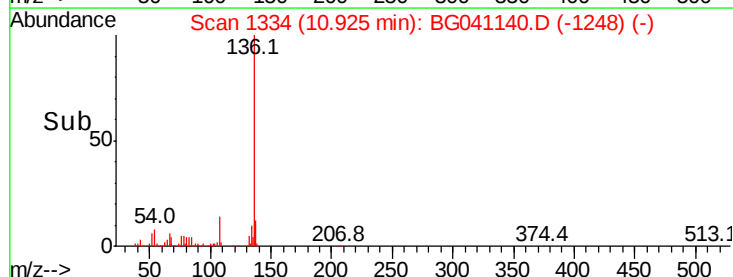
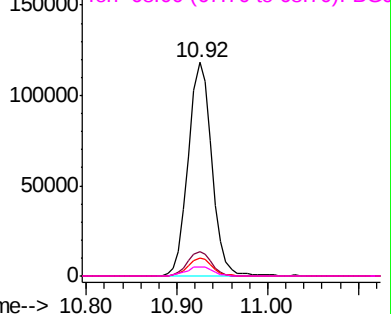
Abundance

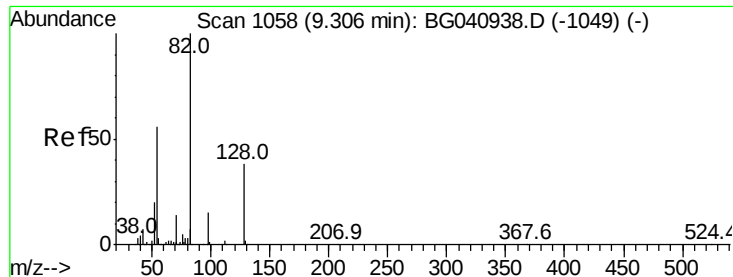
Ion 136.00 (135.70 to 136.70): BGC

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

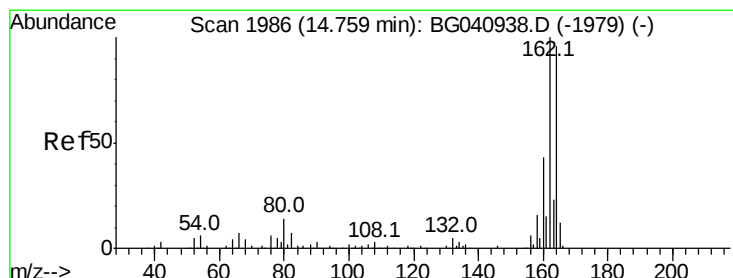
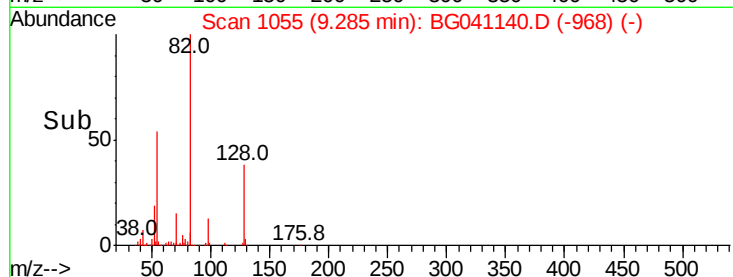
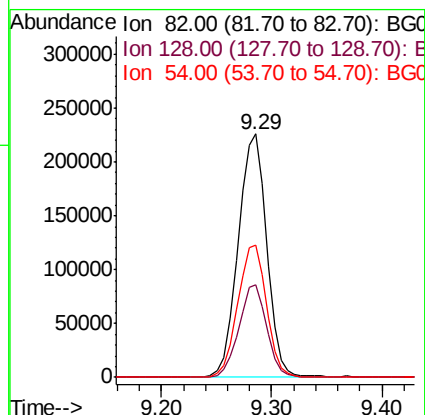
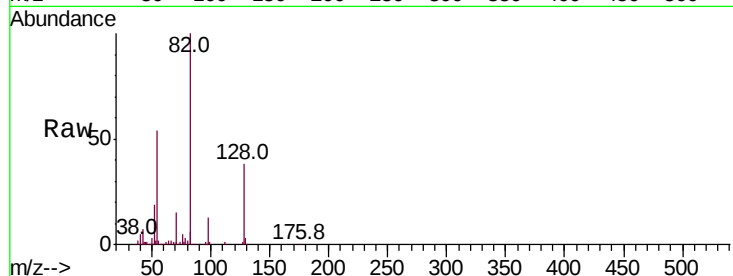




#23
 Nitrobenzene-d5
 Concen: 85.749 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041140.D
 Acq: 8 Jun 2019 19:19

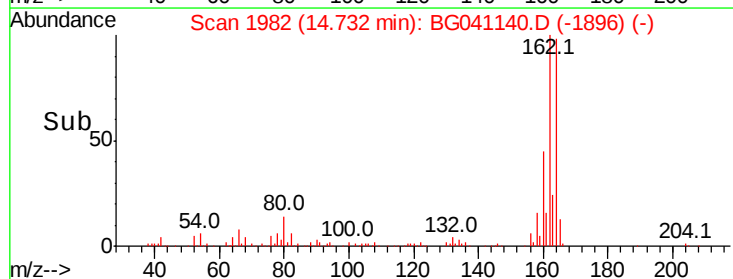
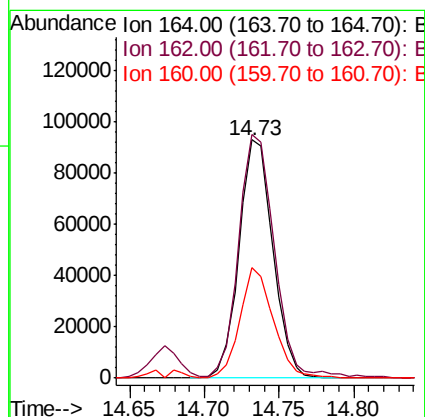
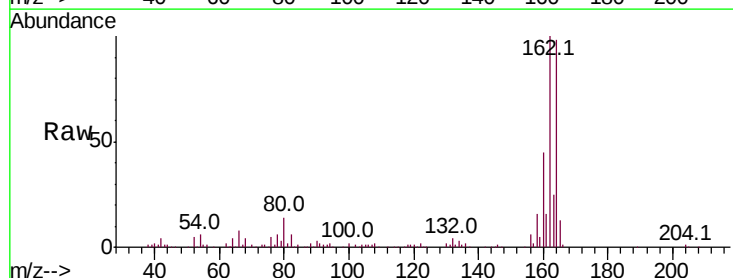
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

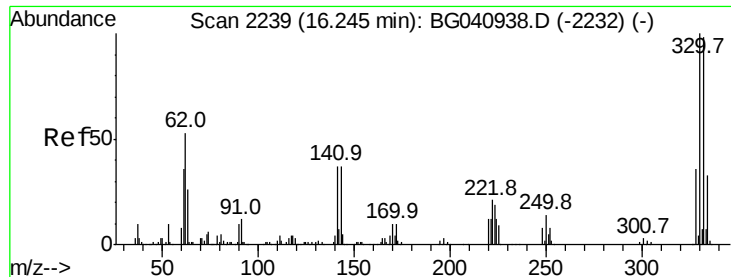
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.5	45.7
54	54.4	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.03 min
 Lab File: BG041140.D
 Acq: 8 Jun 2019 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.4
160	46.2	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 130.174 ng

RT: 16.22 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

Instrument :

BNA_G

ClientSampled :

COMP-1

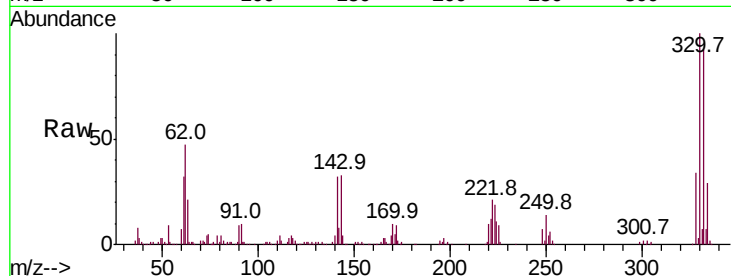
Tot Ion:330 Resp: 282641

Ion Ratio Lower Upper

330 100

332 95.7 78.5 117.7

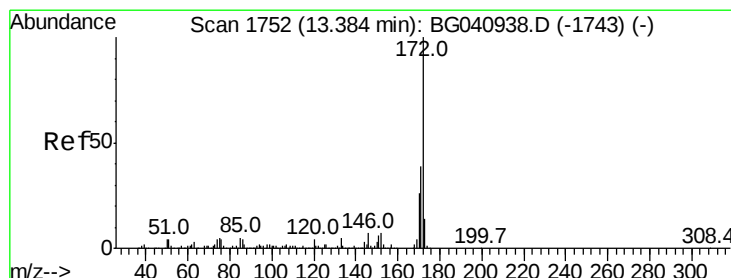
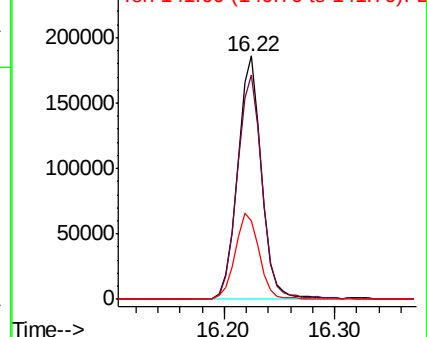
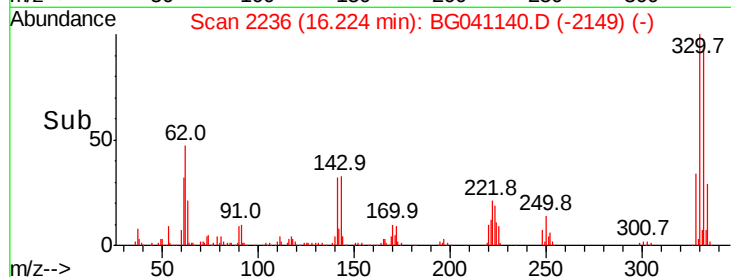
141 36.1 28.7 43.1



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: 92.242 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.03 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

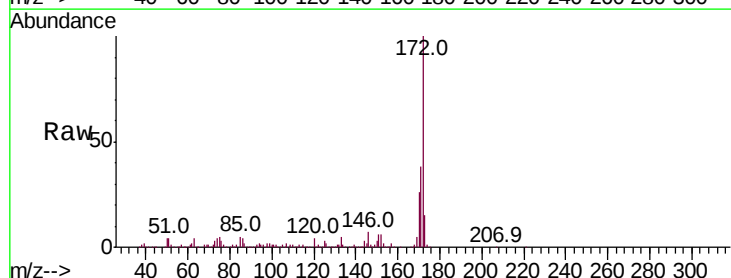
Tgt Ion:172 Resp: 936793

Ion Ratio Lower Upper

172 100

171 38.3 31.1 46.7

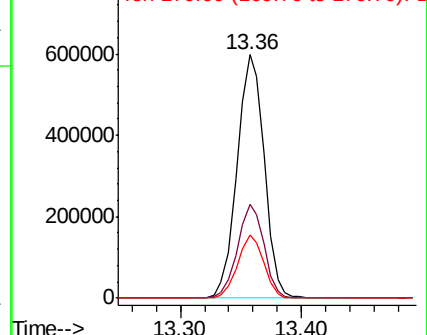
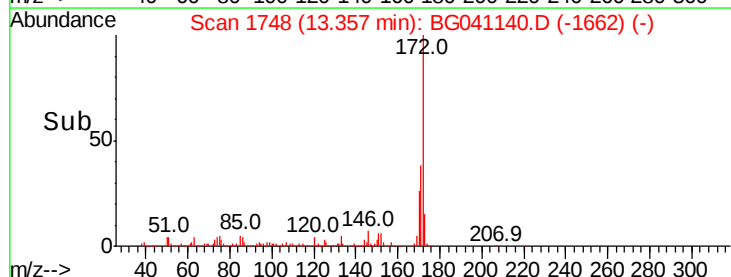
170 26.1 20.5 30.7

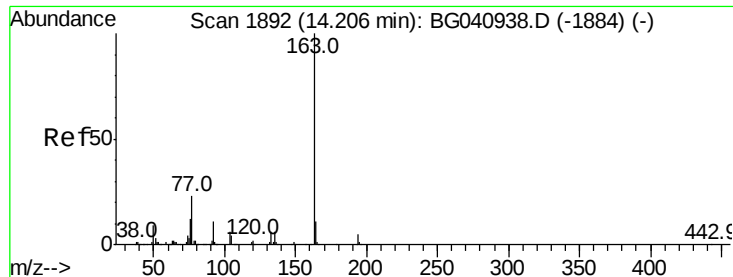


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.751 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.03 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

COMP-1

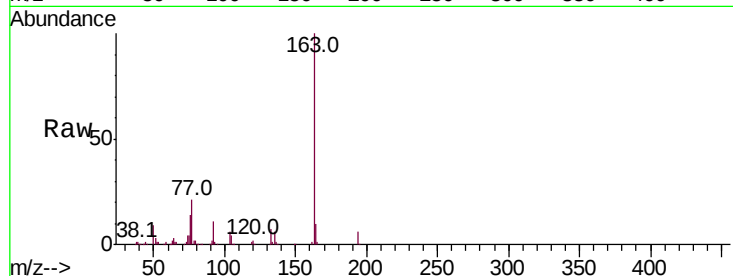
Tot Ion:163 Resp: 195004

Ion Ratio Lower Upper

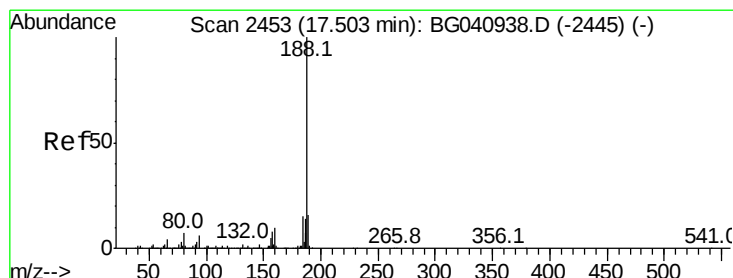
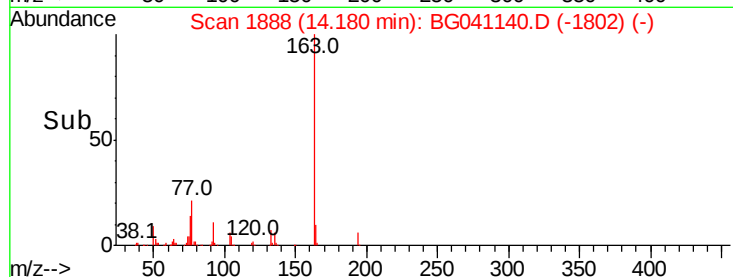
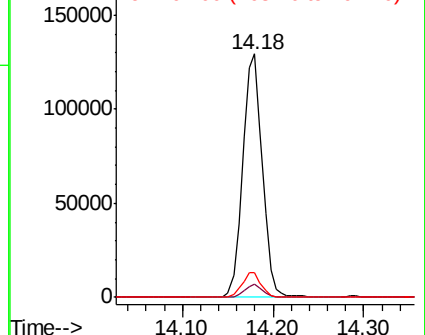
163 100

194 5.7 3.8 5.8

164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.03 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

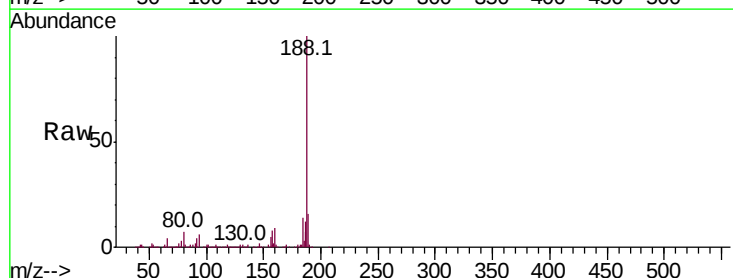
Tgt Ion:188 Resp: 354990

Ion Ratio Lower Upper

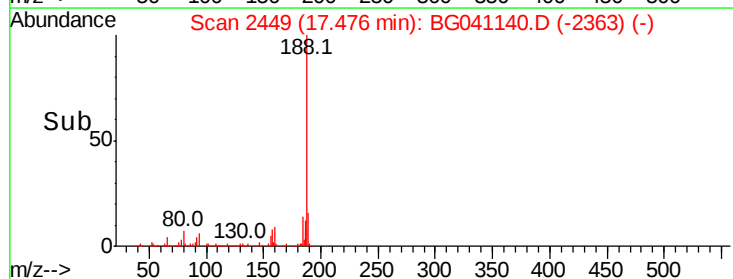
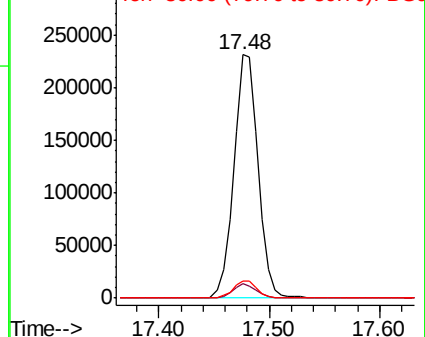
188 100

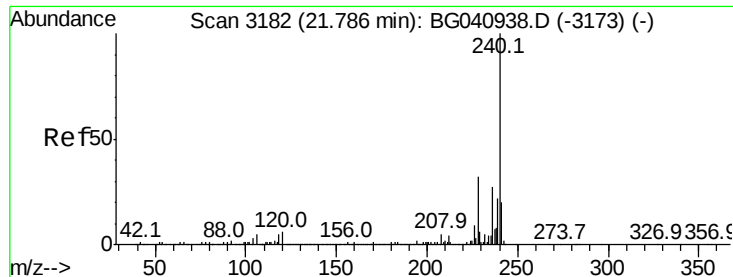
94 6.2 4.7 7.1

80 6.8 5.8 8.8



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: 21.75 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleID :

COMP-1

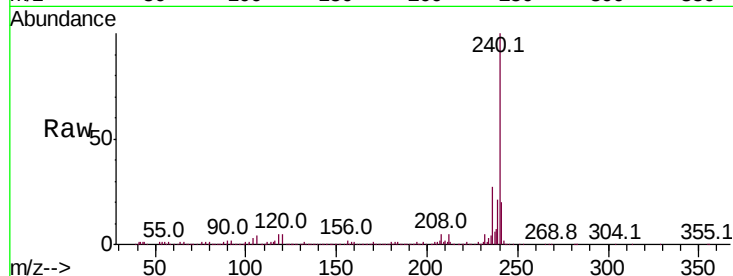
Tot Ion:240 Resp: 354028

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

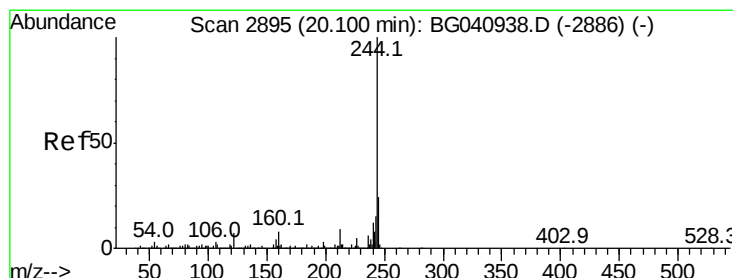
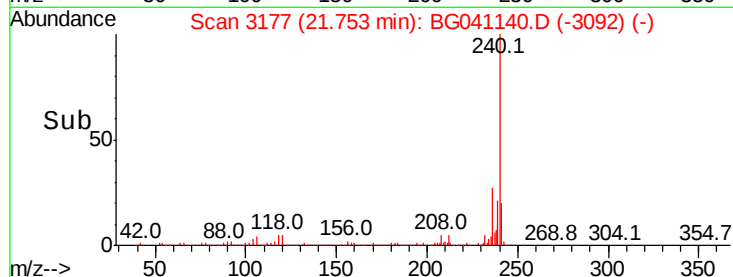
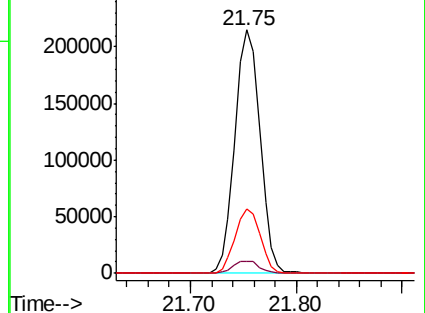
236 26.6 21.3 31.9



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: 82.341 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

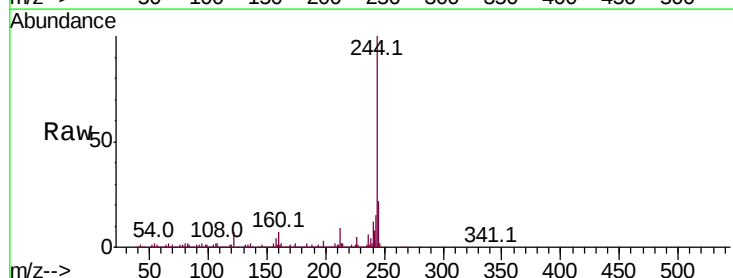
Tgt Ion:244 Resp: 1373529

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

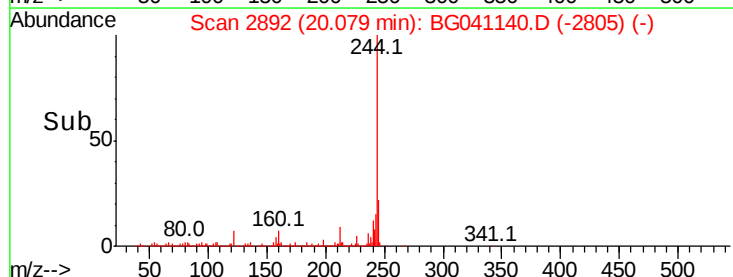
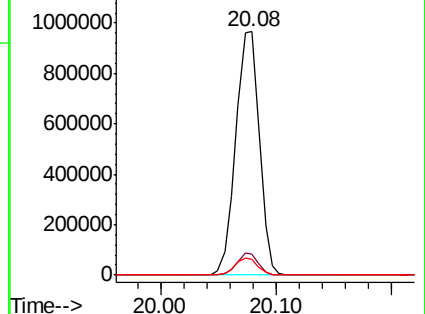
122 6.7 5.4 8.0

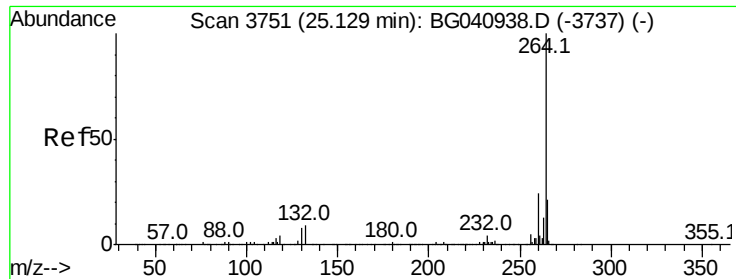


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.05 min

Lab File: BG041140.D

Acq: 8 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

COMP-1

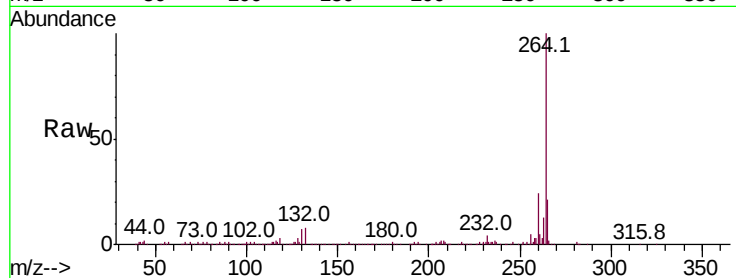
Tot Ion:264 Resp: 381578

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.3 17.0 25.4



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

