

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041161.D
 Acq On : 10 Jun 2019 12:18
 Operator : HP/JU
 Sample : K3223-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-190605

Quant Time: Jun 11 04:13:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	40330	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	163893	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123787	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	314201	20.00	ng	0.00
76) Chrysene-d12	21.76	240	318973	20.00	ng	0.00
87) Perylene-d12	25.08	264	332245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	41012	18.34	ng	0.01
7) Phenol-d6	7.25	99	42289	12.24	ng	0.00
23) Nitrobenzene-d5	9.28	82	296988	80.45	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	13.36	172	783035	91.10	ng	0.00
79) Terphenyl-d14	20.07	244	1403506	93.38	ng	0.00

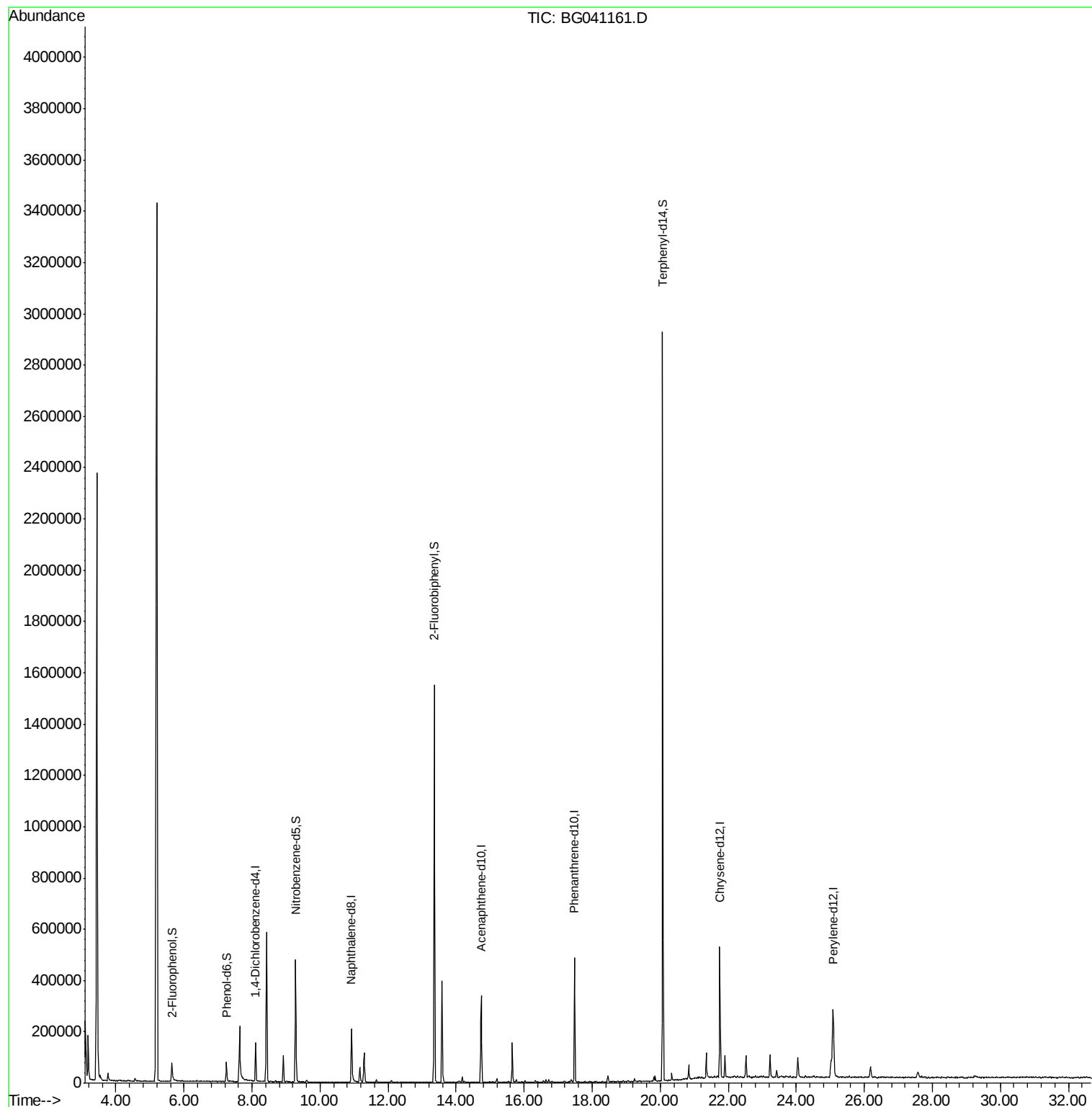
Target Compounds Qvalue

(#) = 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. -0.00 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

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BNA_G

ClientSampleId :

SS043MW014-190605

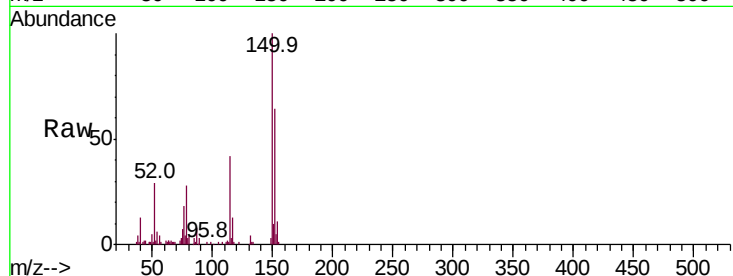
Tot Ion:152 Resp: 40330

Ion Ratio Lower Upper

152 100

150 155.4 120.6 180.8

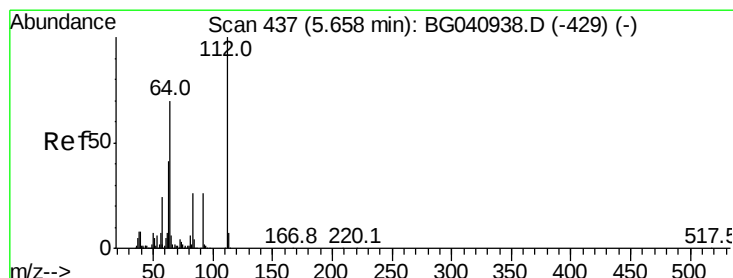
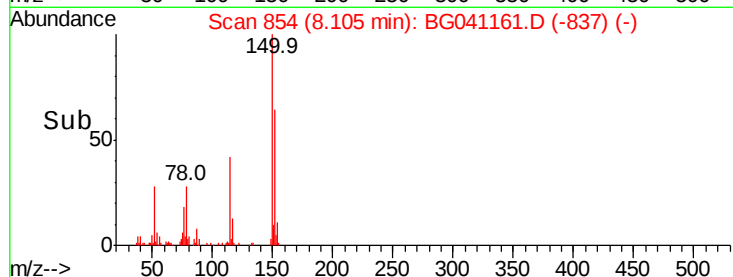
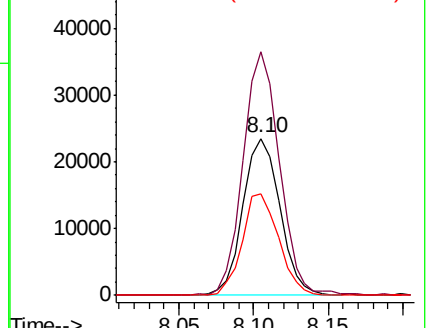
115 64.7 45.1 67.7



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: 18.337 ng

RT: 5.65 min Scan# 436

Delta R.T. 0.01 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

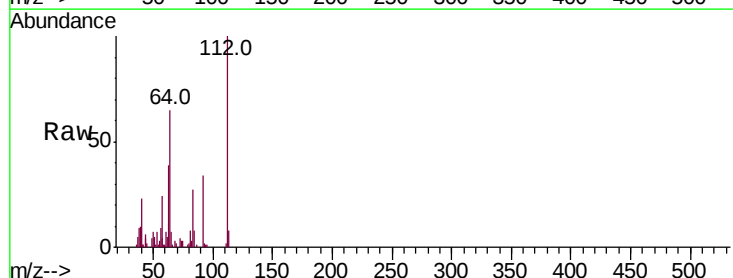
Tgt Ion:112 Resp: 41012

Ion Ratio Lower Upper

112 100

64 65.2 56.2 84.2

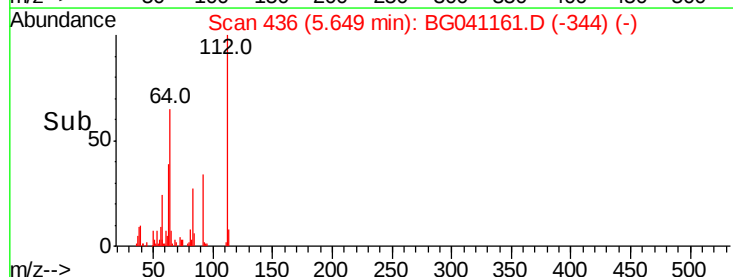
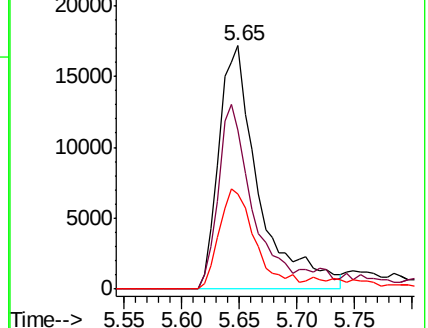
63 39.2 32.8 49.2

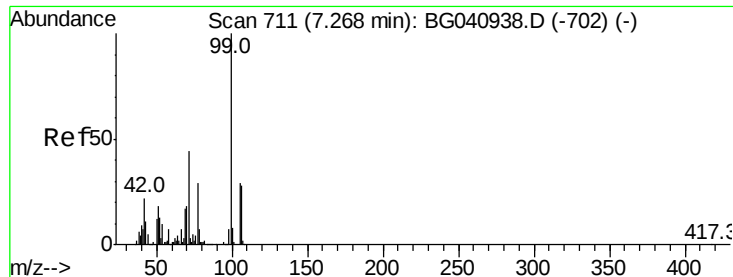


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 12.243 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

Instrument :

BNA_G

ClientSampleId :

SS043MW014-190605

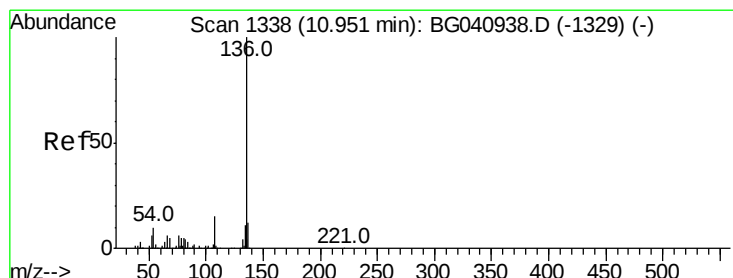
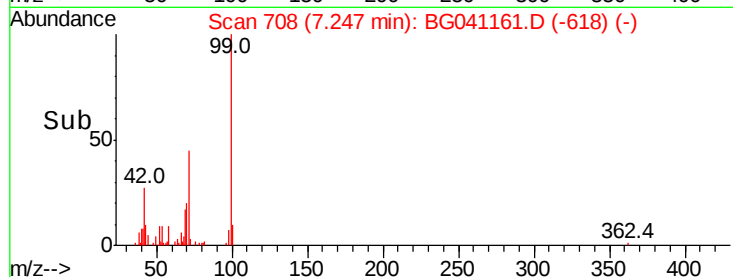
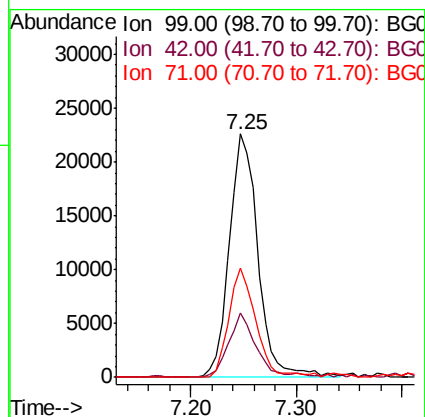
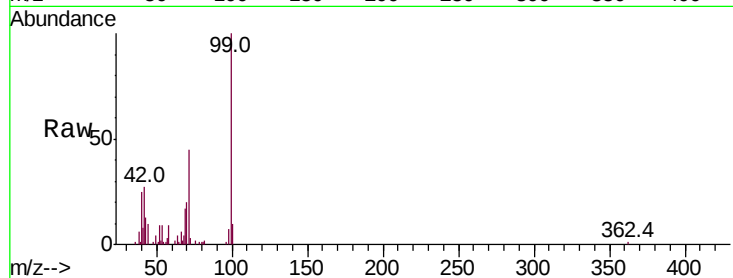
Tot Ion: 99 Resp: 42289

Ion Ratio Lower Upper

99 100

42 26.6 17.9 26.9

71 44.8 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

Tgt Ion: 136 Resp: 163893

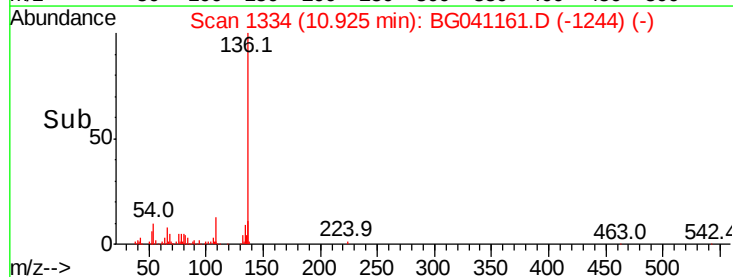
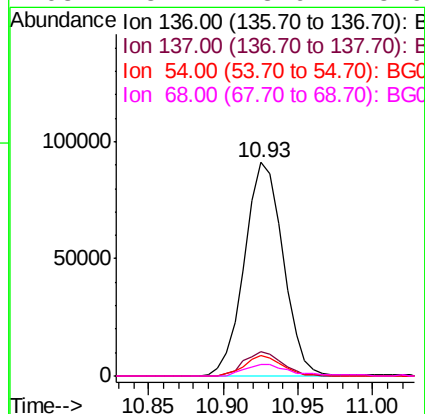
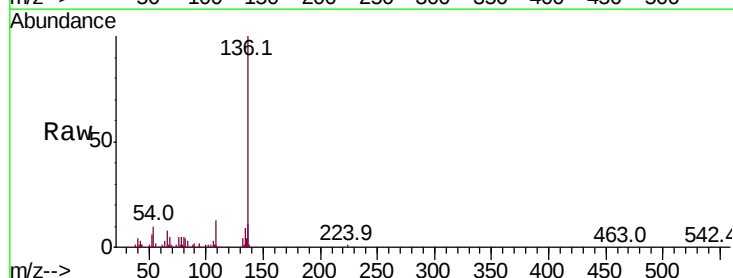
Ion Ratio Lower Upper

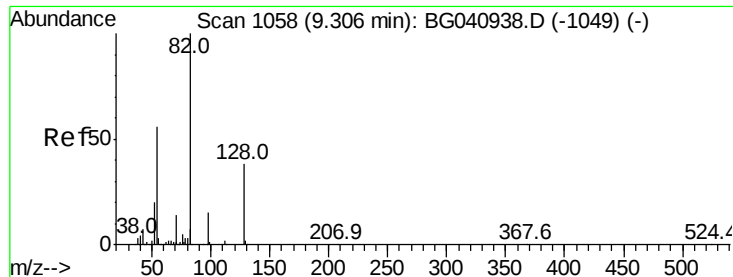
136 100

137 11.2 9.5 14.3

54 9.5 7.6 11.4

68 5.2 3.9 5.9

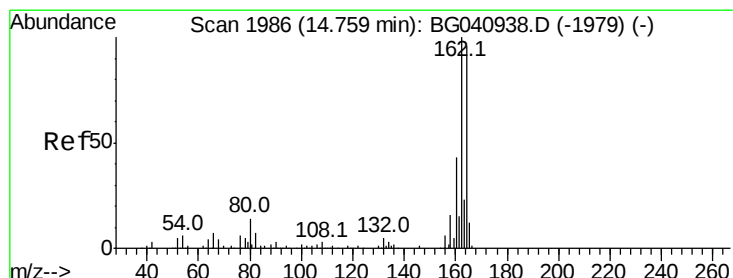
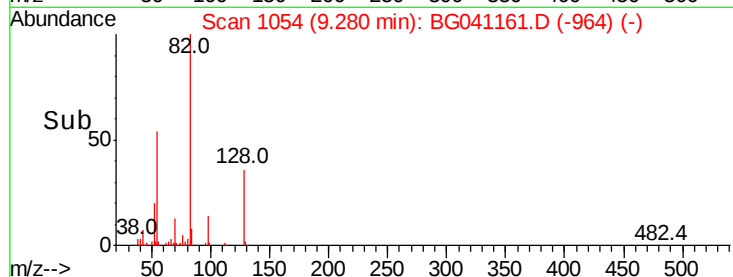
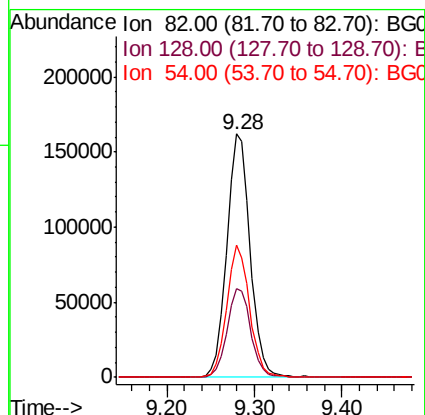
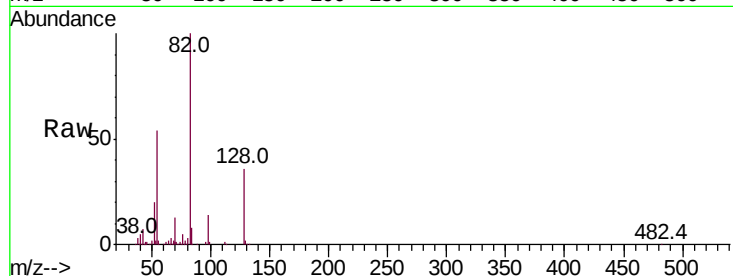




#23
Nitrobenzene-d5
Concen: 80.445 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

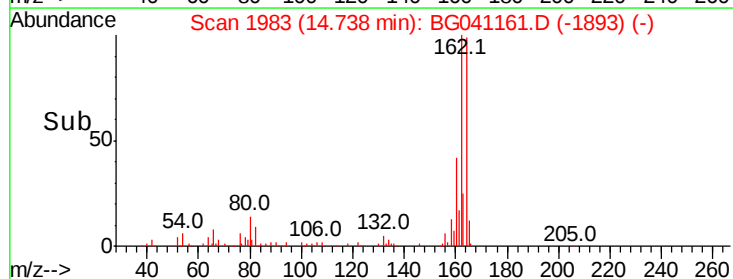
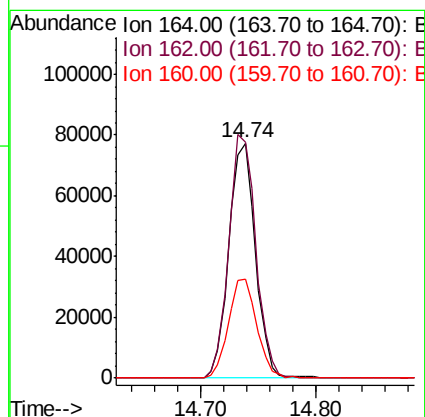
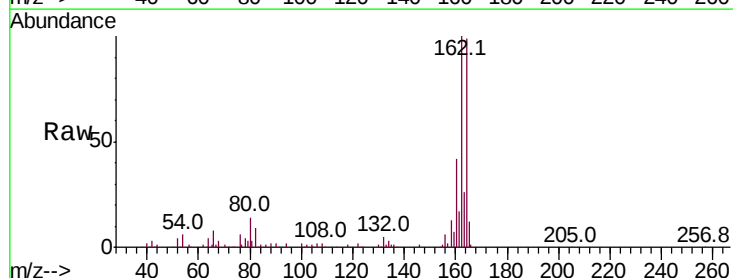
Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

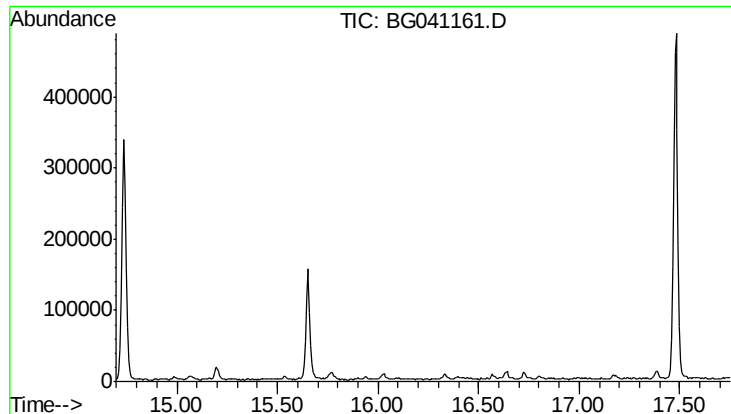
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.5	45.7
54	54.4	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.0	124.4
160	42.4	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.22 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

Instrument :

BNA_G

ClientSampleId :

SS043MW014-190605

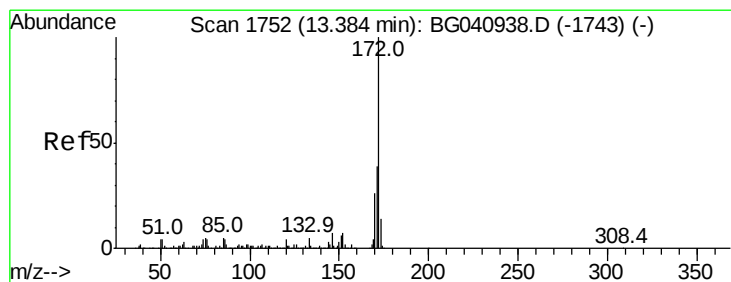
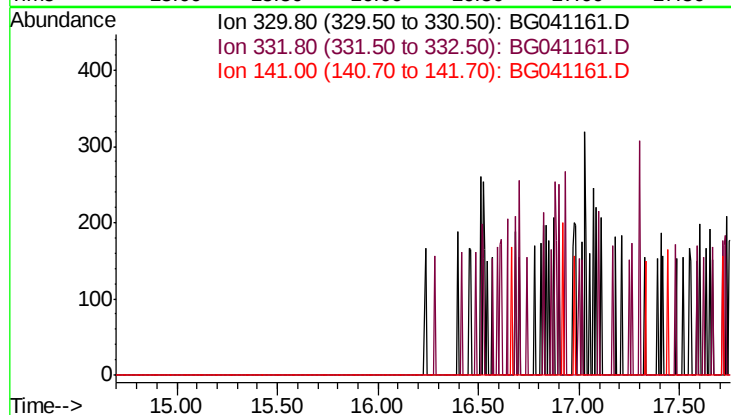
Tot Ion: 330

Sig Exp Ratio

330 100

332 98.1

141 35.9



#45

2-Fluorobiphenyl

Concen: 91.096 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

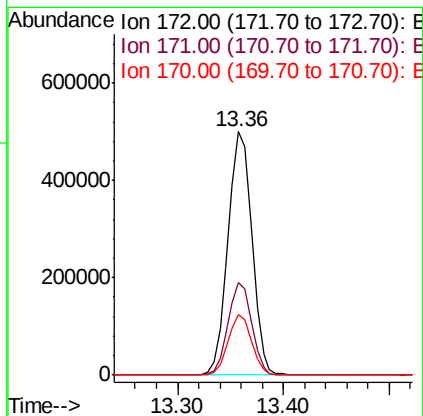
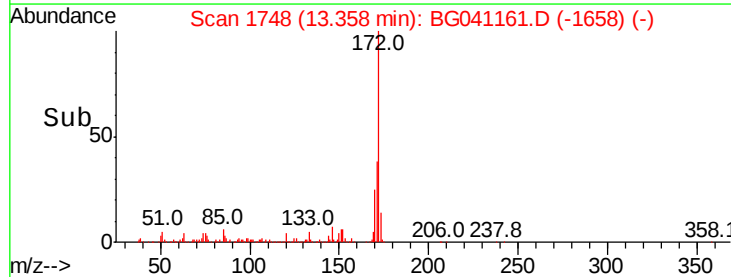
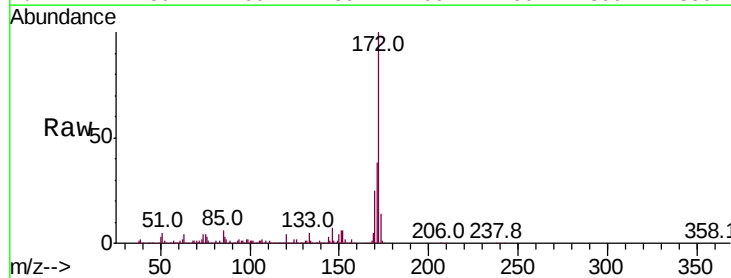
Tgt Ion:172 Resp: 783035

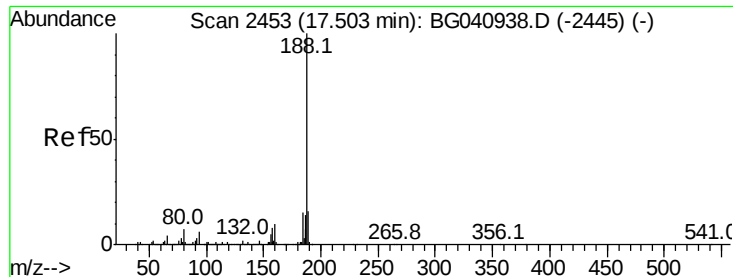
Ion Ratio Lower Upper

172 100

171 38.1 31.1 46.7

170 24.7 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

Instrument :

BNA_G

ClientSampleId :

SS043MW014-190605

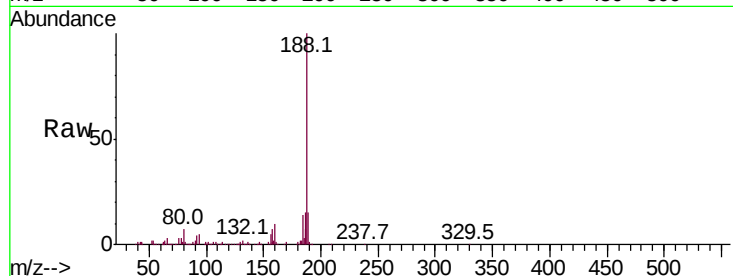
Tot Ion:188 Resp: 314201

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

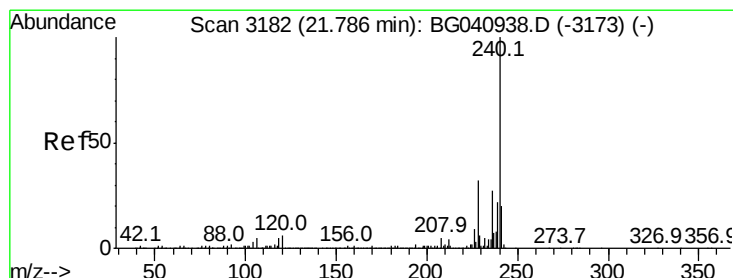
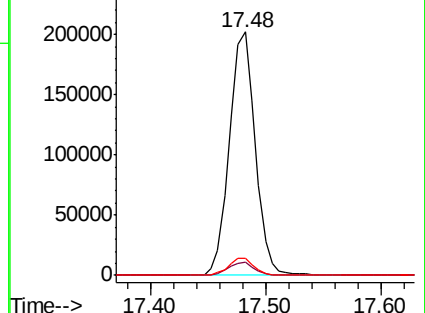
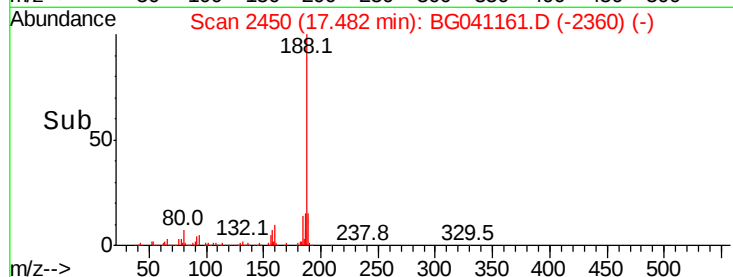
80 7.3 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

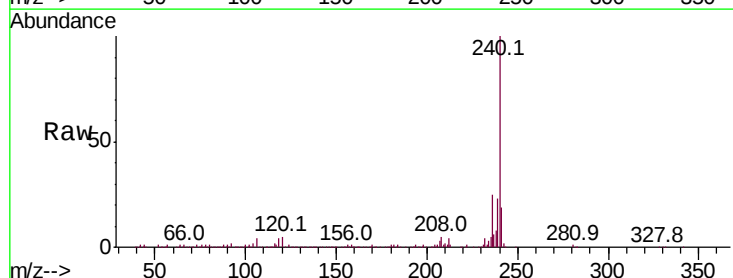
Tgt Ion:240 Resp: 318973

Ion Ratio Lower Upper

240 100

120 4.6 4.5 6.7

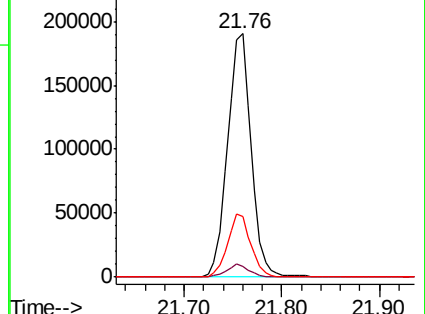
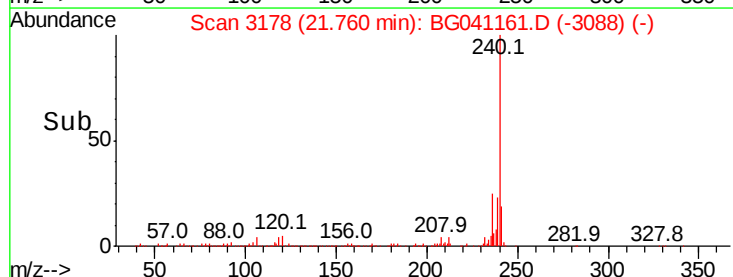
236 24.7 21.3 31.9

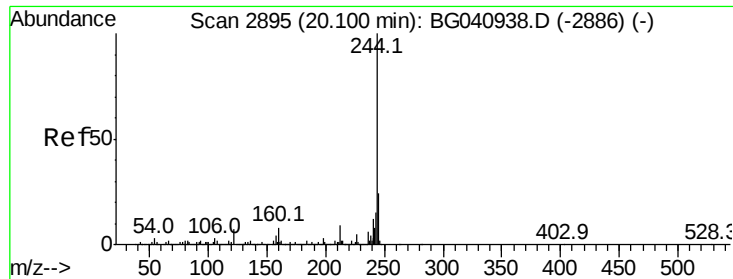


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.385 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

Instrument :

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ClientSampleId :

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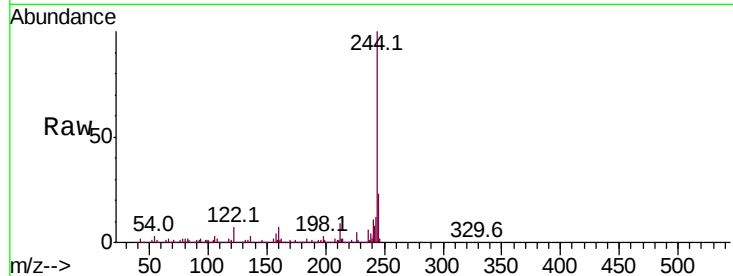
Tot Ion:244 Resp: 1403506

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

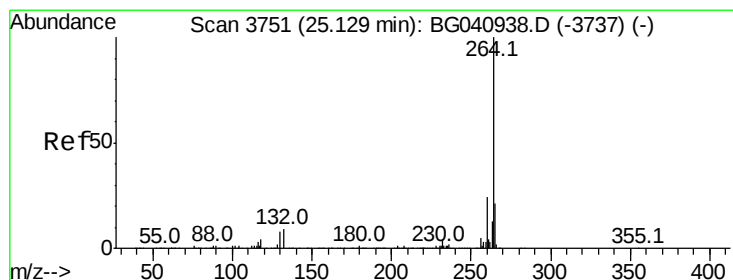
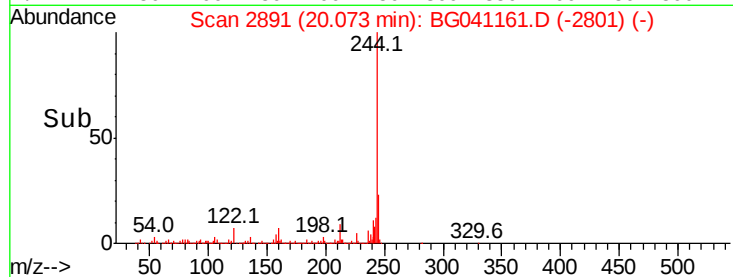
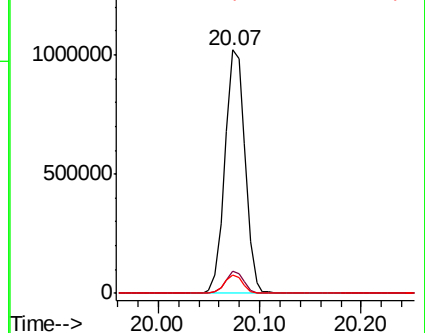
122 7.3 5.4 8.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG041161.D

Acq: 10 Jun 2019 12:18

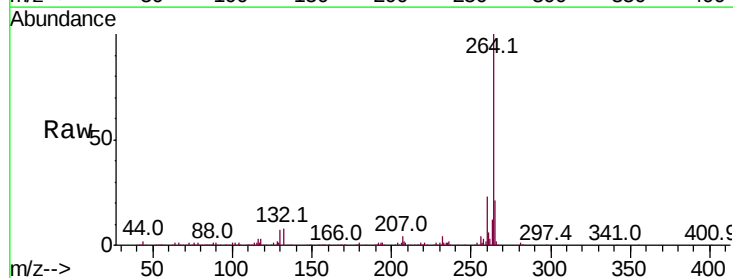
Tgt Ion:264 Resp: 332245

Ion Ratio Lower Upper

264 100

260 22.8 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

