

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042961.D
 Acq On : 1 Oct 2019 3:51
 Operator : JU
 Sample : K5079-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Quant Time: Oct 01 08:12:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65310	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	229970	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	164654	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	397370	20.00	ng	0.00
76) Chrysene-d12	21.70	240	480195	20.00	ng	-0.01
87) Perylene-d12	24.92	264	541281	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	465544	127.21	ng	0.00
7) Phenol-d6	7.24	99	638934	121.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	430150	90.91	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	384063	135.65	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1070596	94.26	ng	0.00
79) Terphenyl-d14	20.04	244	2156201	95.68	ng	0.00

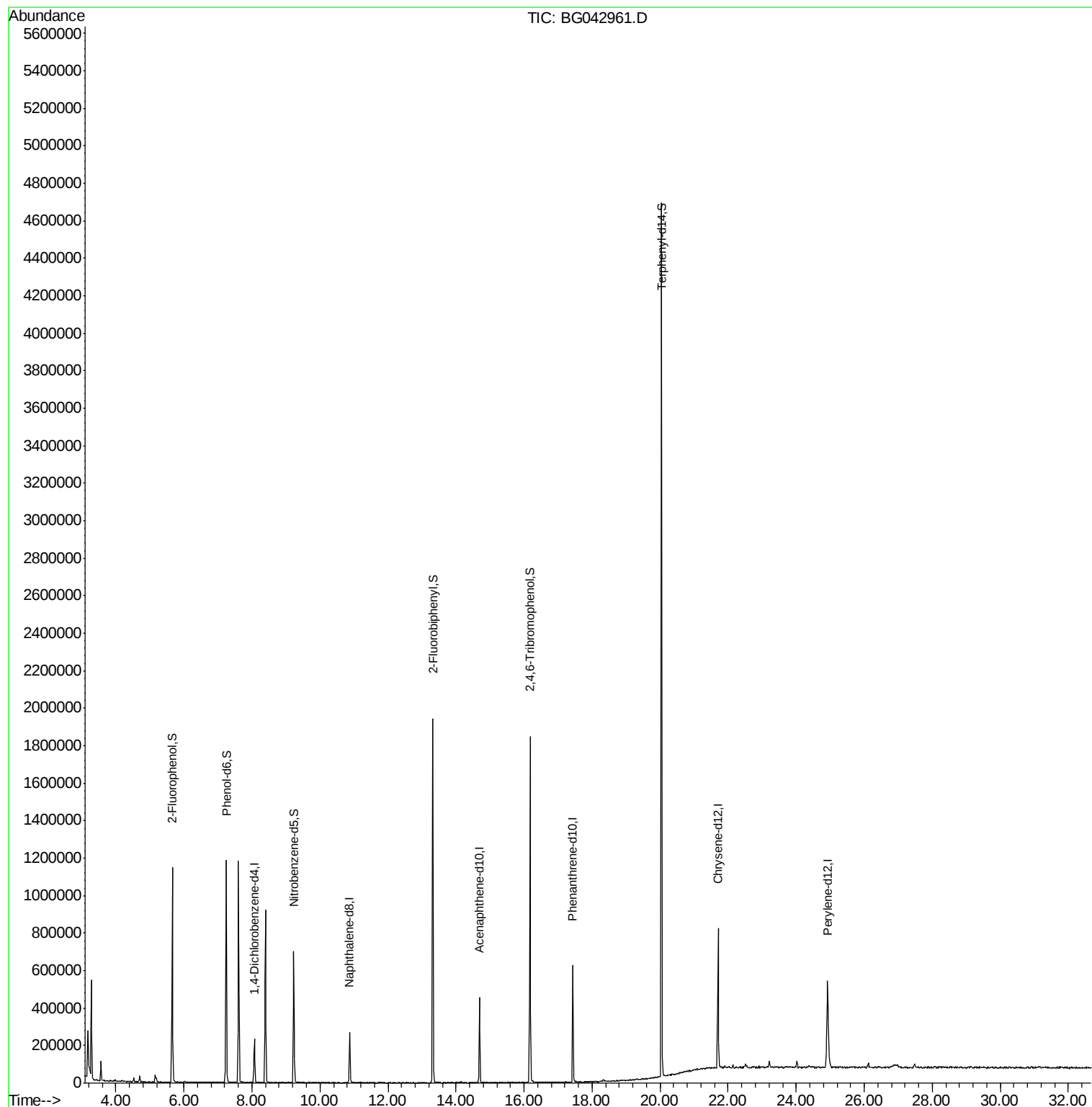
Target Compounds Qvalue

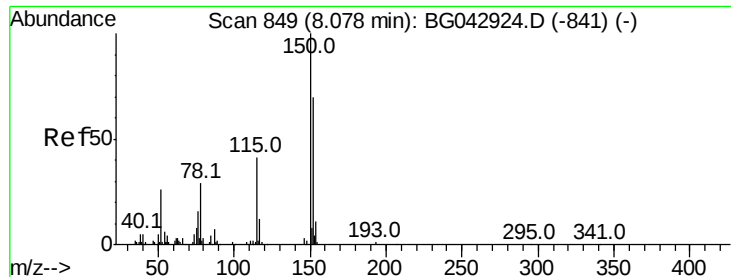
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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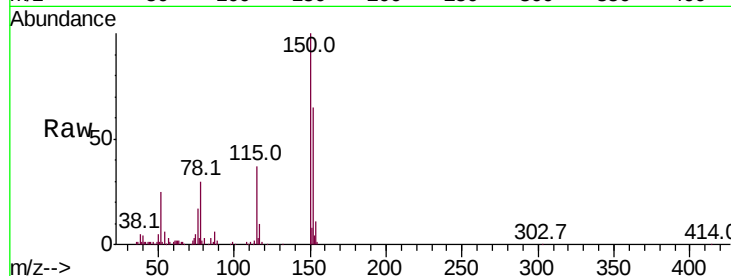


#1

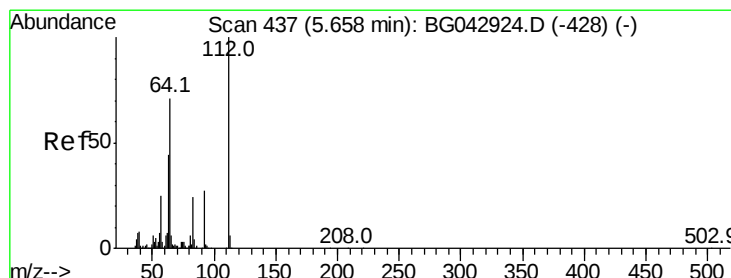
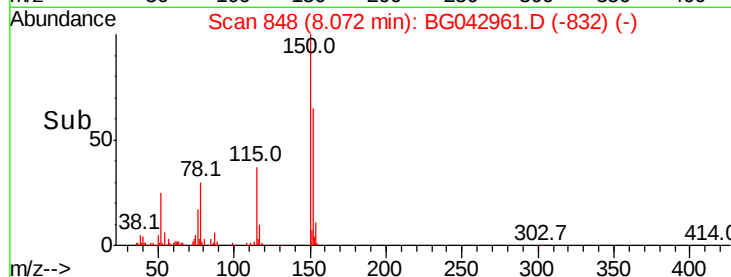
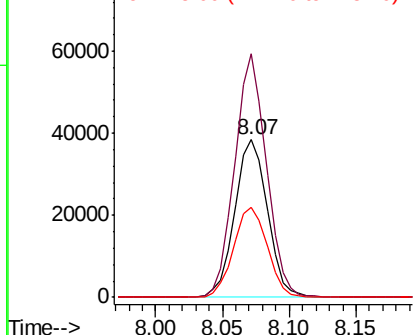
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG042961.D
 Acq: 1 Oct 2019 3:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion:152 Resp: 65310
 Ion Ratio Lower Upper
 152 100
 150 154.6 115.0 172.4
 115 57.4 47.0 70.6



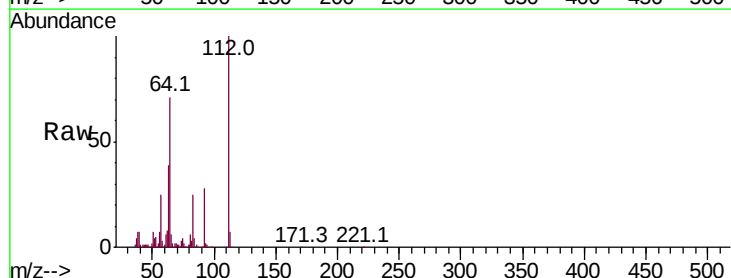
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



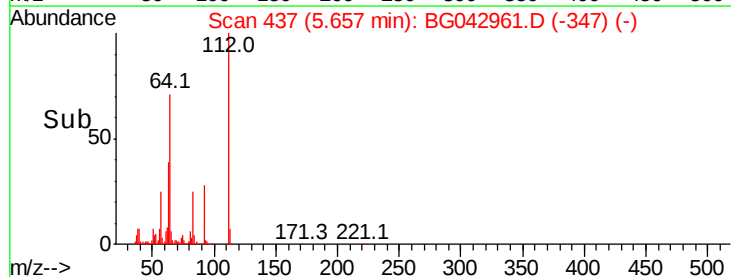
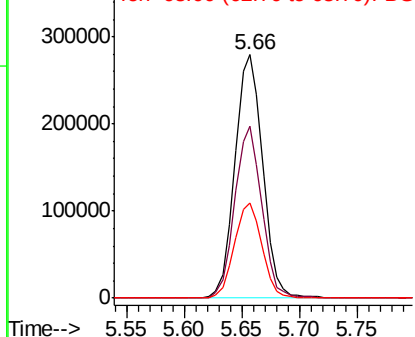
#5

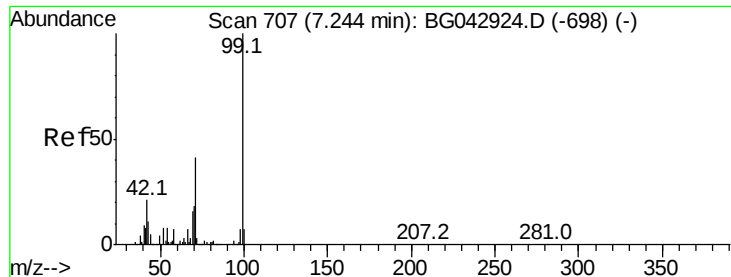
2-Fluorophenol
 Concen: 127.212 ng
 RT: 5.66 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG042961.D
 Acq: 1 Oct 2019 3:51

Tgt Ion:112 Resp: 465544
 Ion Ratio Lower Upper
 112 100
 64 70.7 56.6 84.8
 63 39.2 35.1 52.7



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: 121.239 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042961.D

Acq: 1 Oct 2019 3:51

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

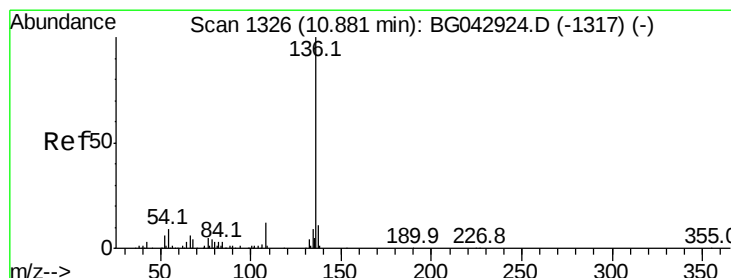
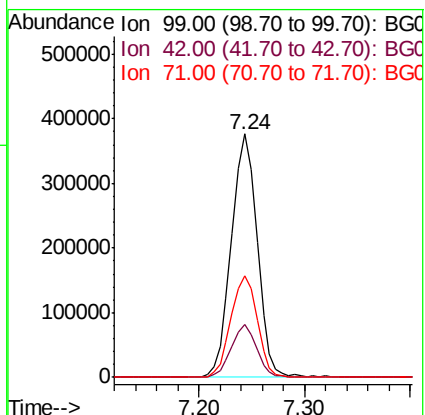
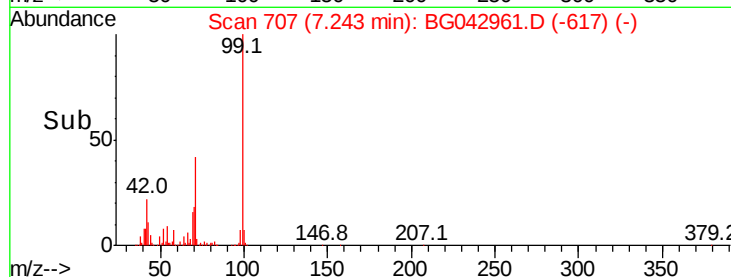
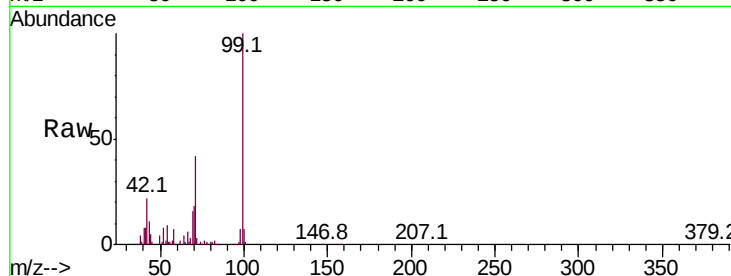
Tot Ion: 99 Resp: 638934

Ion Ratio Lower Upper

99 100

42 21.6 17.2 25.8

71 42.0 33.1 49.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042961.D

Acq: 1 Oct 2019 3:51

Tgt Ion: 136 Resp: 229970

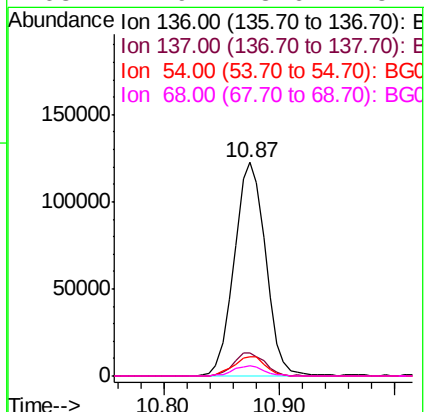
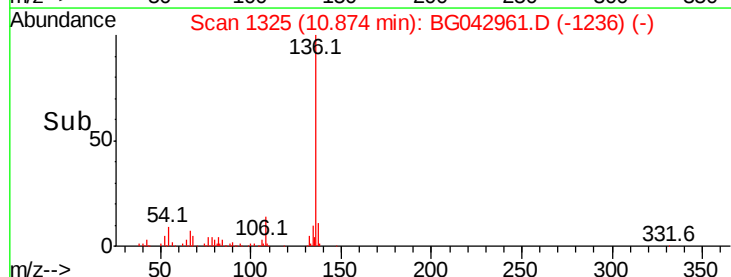
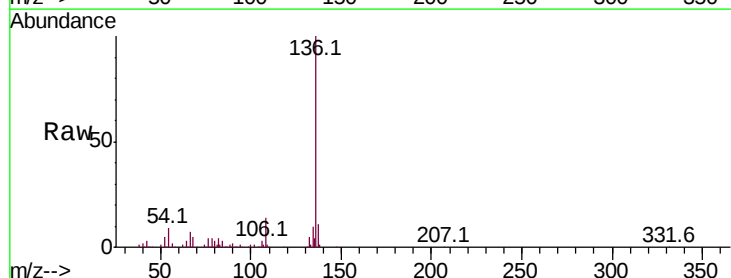
Ion Ratio Lower Upper

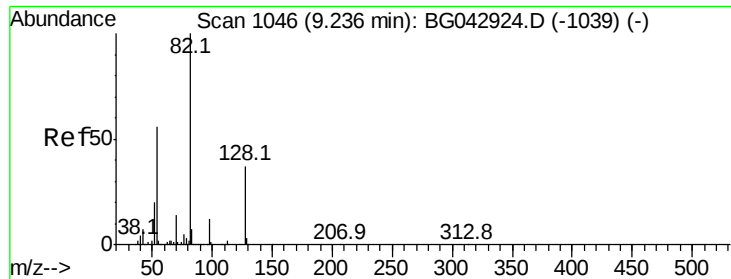
136 100

137 10.7 8.5 12.7

54 9.2 7.4 11.2

68 4.9 3.6 5.4

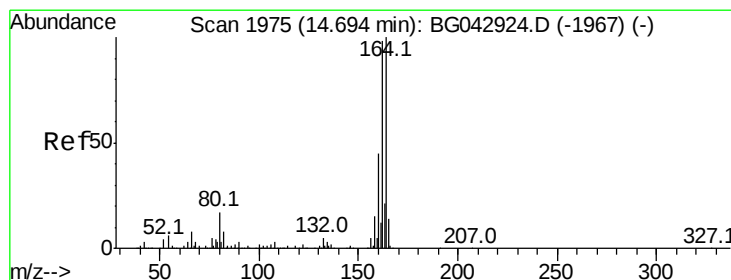
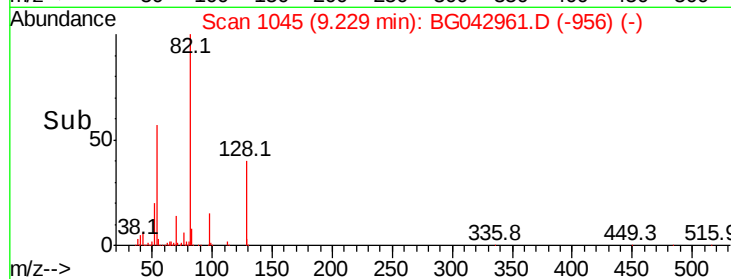
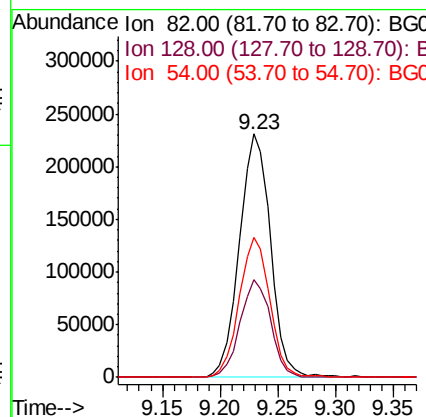
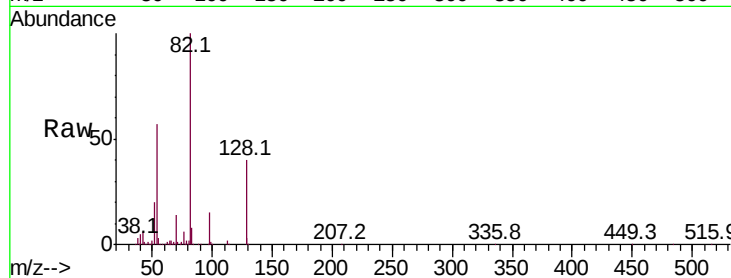




#23
Nitrobenzene-d5
Concen: 90.914 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

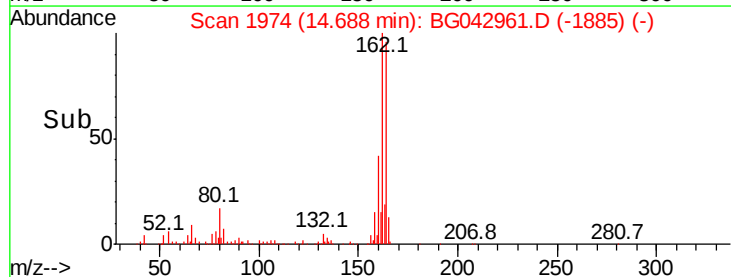
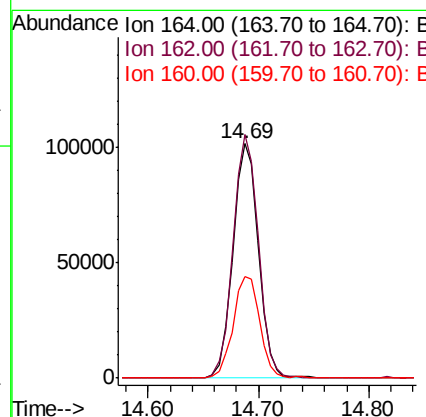
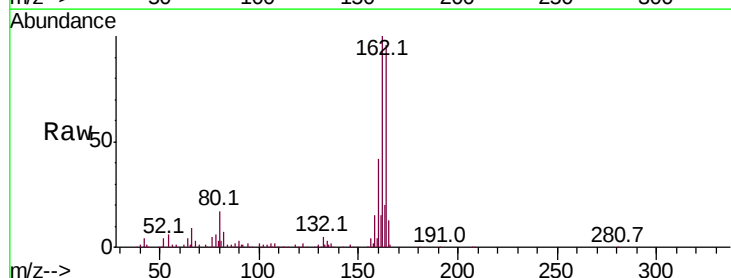
Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

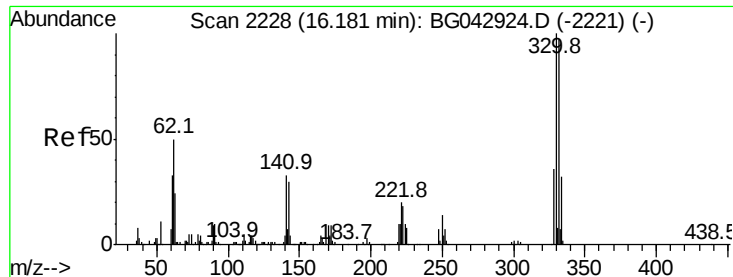
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.5	44.3
54	57.3	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.5	117.7
160	43.5	35.9	53.9

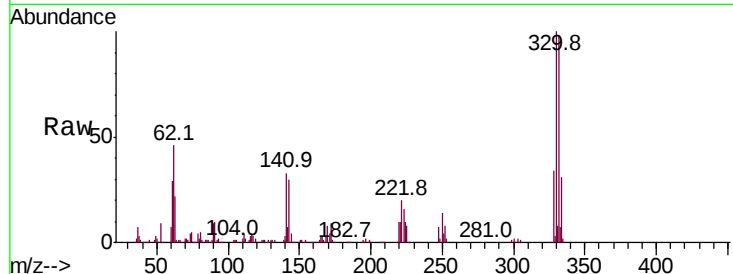




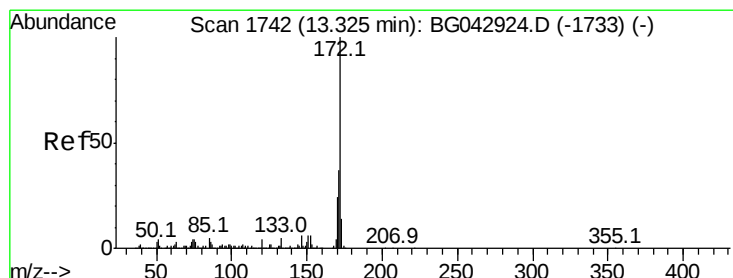
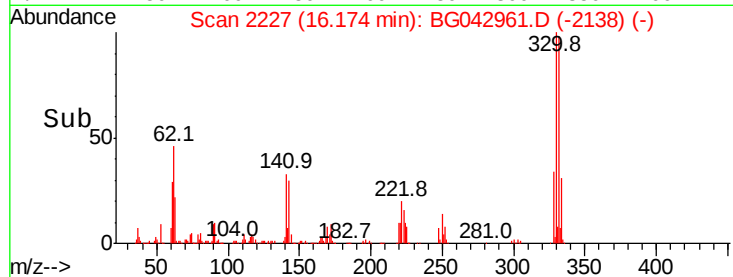
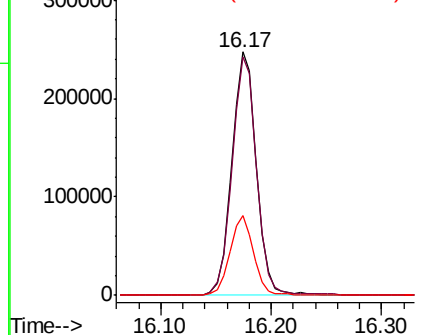
#42
 2,4,6-Tribromophenol
 Concen: 135.648 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042961.D
 Acq: 1 Oct 2019 3:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion:330 Resp: 384063
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.2 117.2
 141 31.5 26.0 39.0

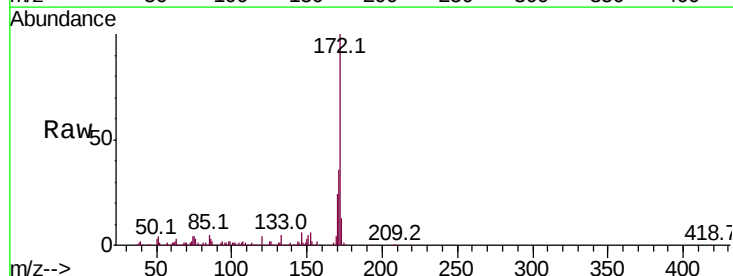


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

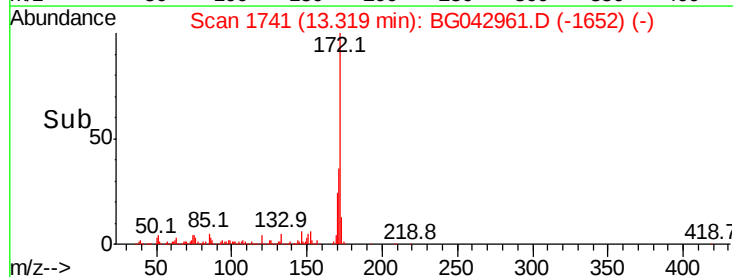
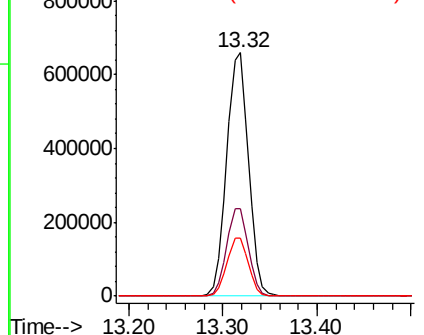


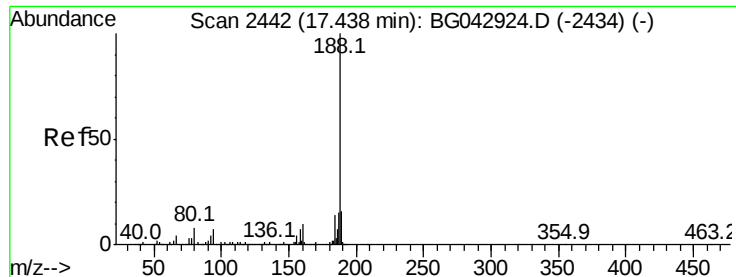
#45
 2-Fluorobiphenyl
 Concen: 94.261 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042961.D
 Acq: 1 Oct 2019 3:51

Tgt Ion:172 Resp: 1070596
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.6 19.6 29.4



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# 2441

Delta R.T. -0.01 min

Lab File: BG042961.D

Acq: 1 Oct 2019 3:51

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

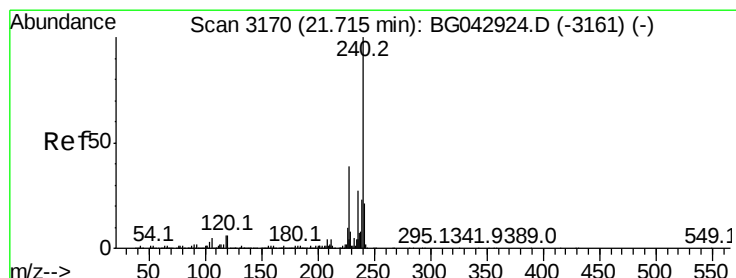
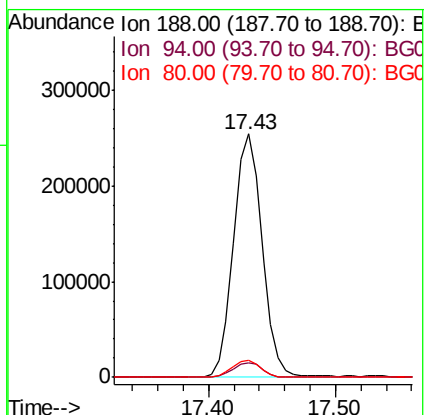
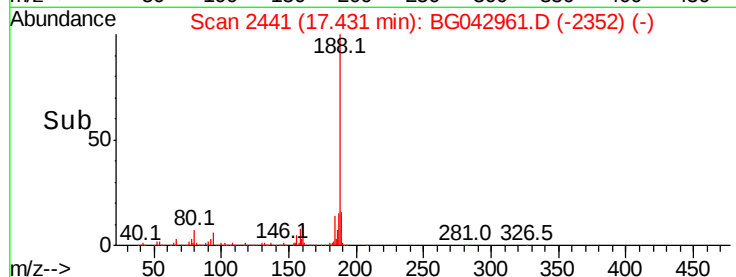
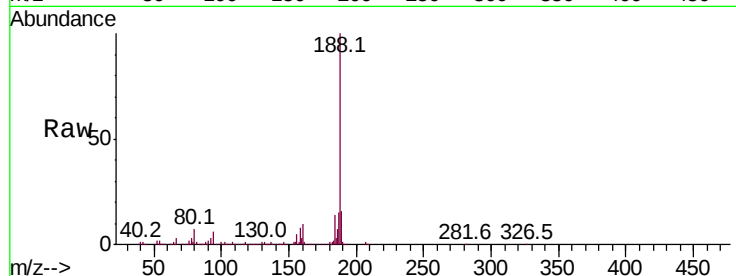
Tot Ion:188 Resp: 397370

Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

80 6.9 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042961.D

Acq: 1 Oct 2019 3:51

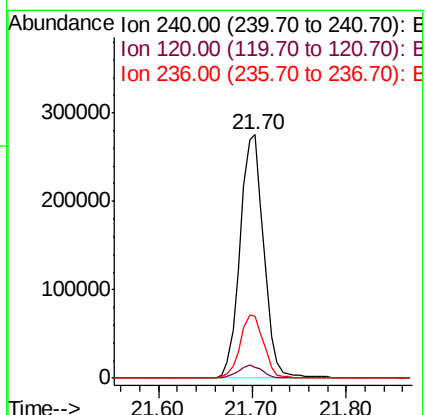
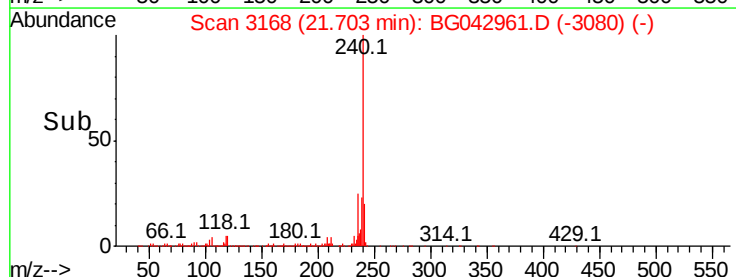
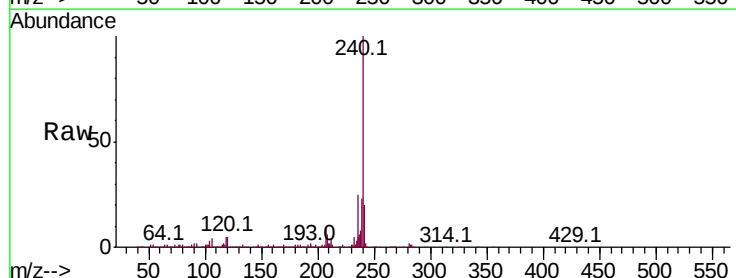
Tgt Ion:240 Resp: 480195

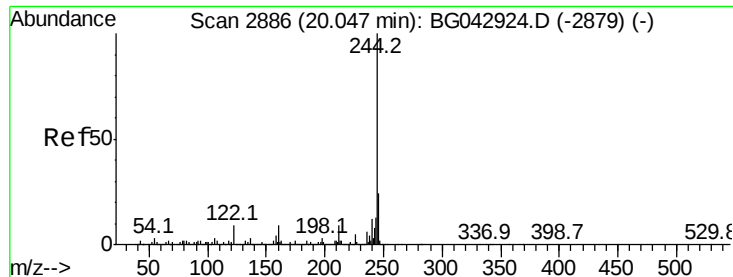
Ion Ratio Lower Upper

240 100

120 4.6 4.8 7.2#

236 25.3 21.4 32.0





#79

Terphenyl-d14

Concen: 95.682 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042961.D

Acq: 1 Oct 2019 3:51

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

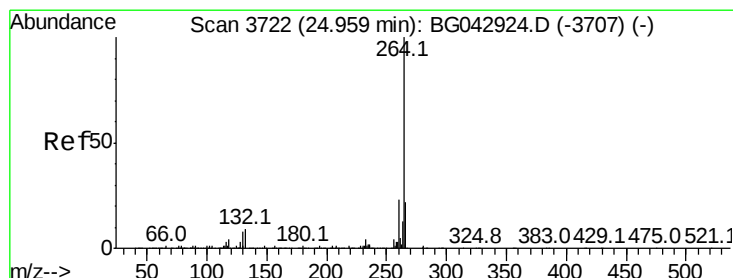
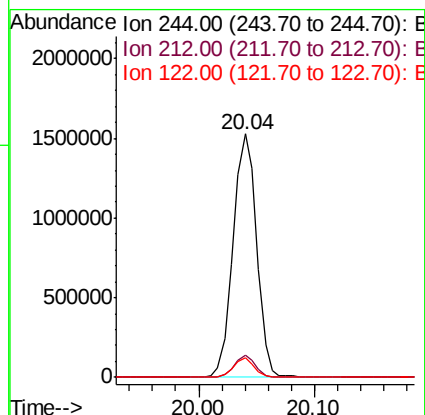
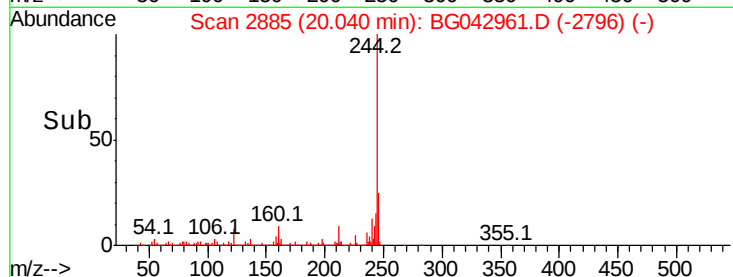
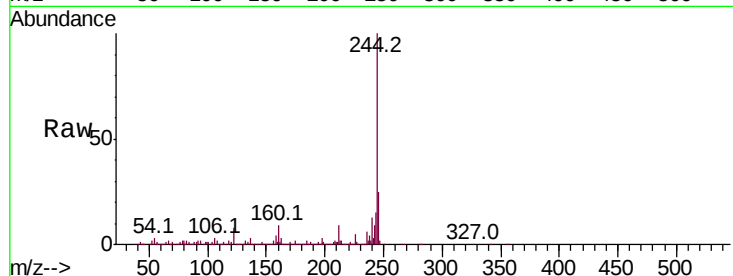
Tot Ion:244 Resp: 2156201

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

122 8.1 7.0 10.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG042961.D

Acq: 1 Oct 2019 3:51

Tgt Ion:264 Resp: 541281

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.7 17.7 26.5

