

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041847.D
 Acq On : 31 Jul 2019 23:57
 Operator : HP/JU
 Sample : K4044-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Aug 01 03:52:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	21543	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102977	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	96435	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	442721	20.00	ng	0.00
76) Chrysene-d12	21.73	240	743593	20.00	ng	0.00
87) Perylene-d12	25.00	264	786979	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	175429	158.44	ng	0.00
7) Phenol-d6	7.19	99	247490	165.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	155845	104.15	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	298410	272.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	480680	87.91	ng	0.00
79) Terphenyl-d14	20.07	244	2735195	84.17	ng	0.00

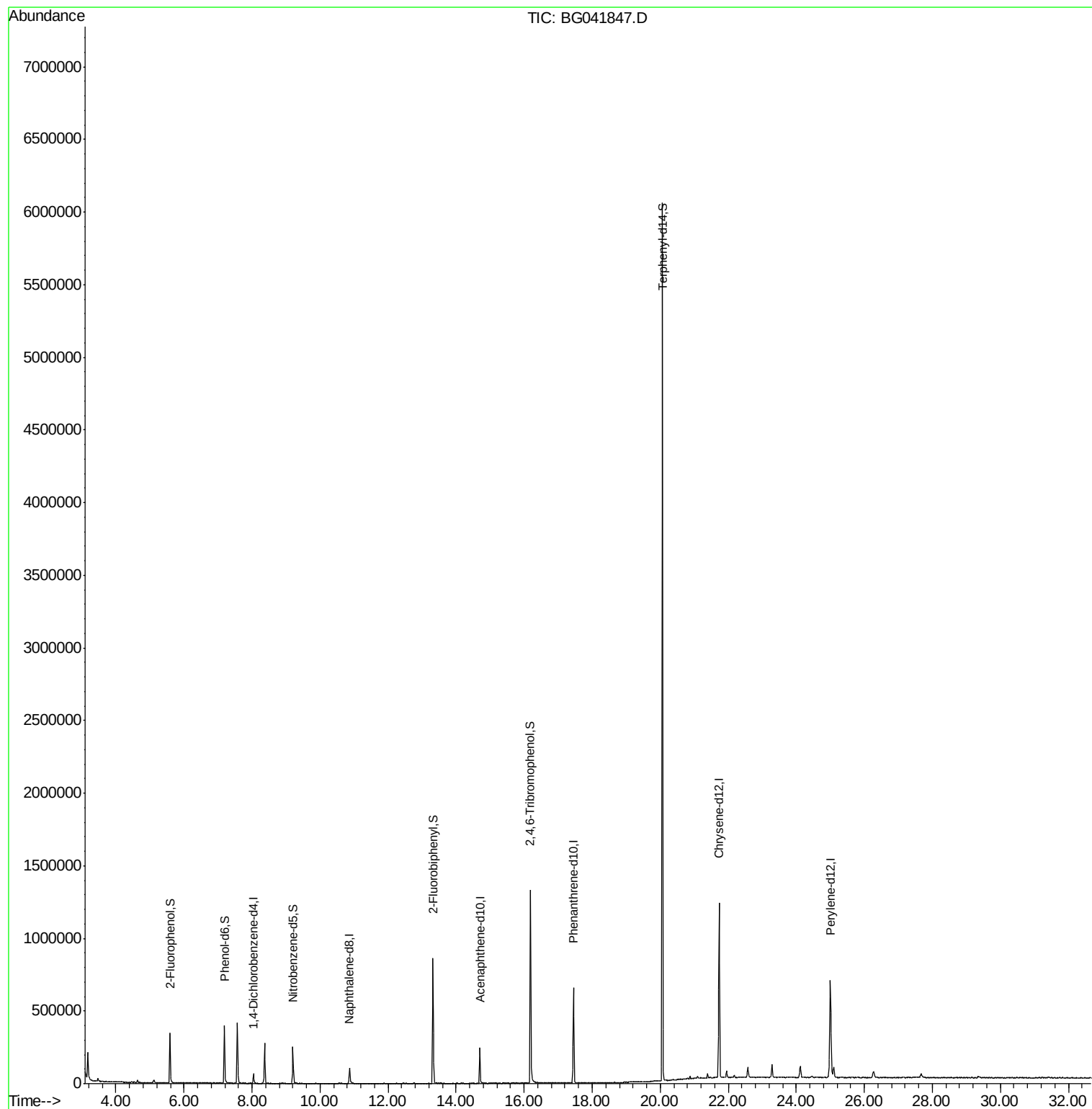
Target Compounds Qvalue

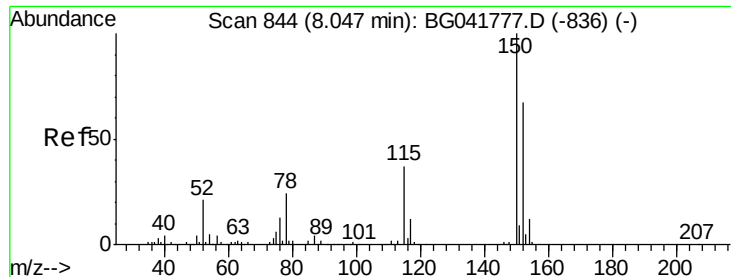
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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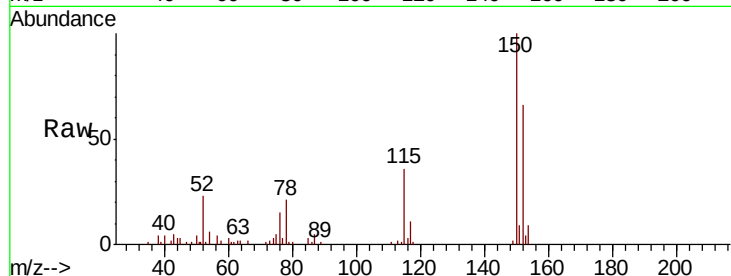


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041847.D
Acq: 31 Jul 2019 23:57

Instrument :
BNA_G
ClientSampled :
TP-6

Tot Ion	152	Resp	21543
Ion Ratio	Lower	Upper	
152	100		
150	150.4	126.9	190.3
115	54.4	45.0	67.6

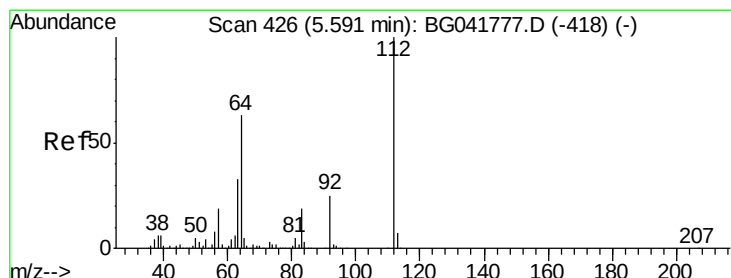
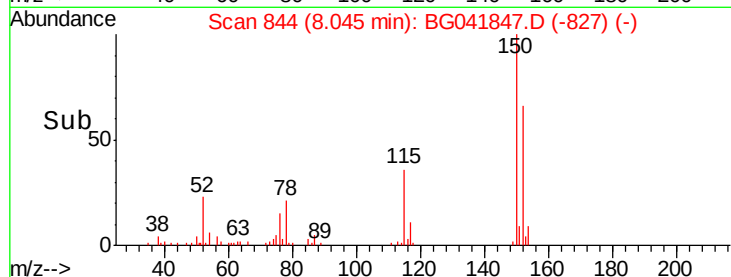
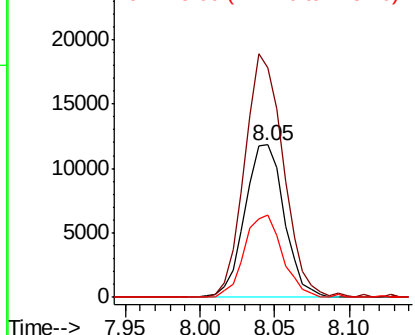


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

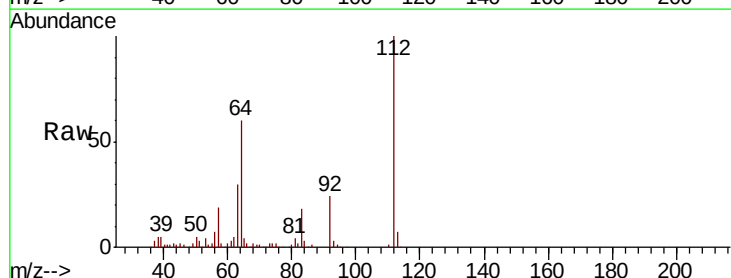
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.436 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041847.D
Acq: 31 Jul 2019 23:57

Tgt Ion	112	Resp	175429
Ion Ratio	Lower	Upper	
112	100		
64	59.6	55.4	83.2
63	30.0	29.1	43.7

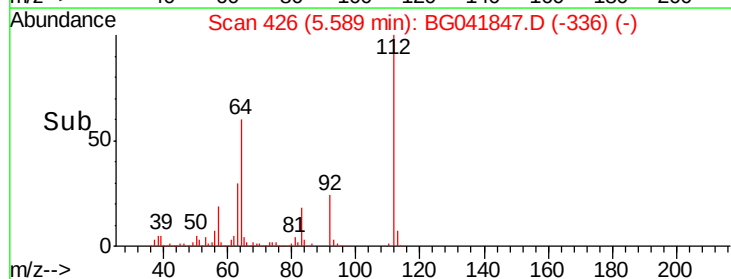
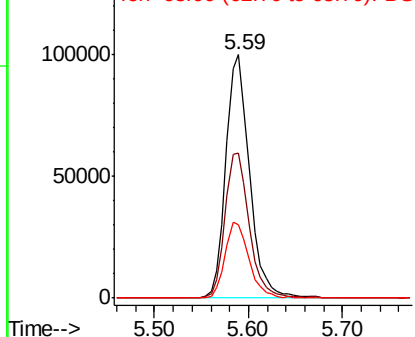


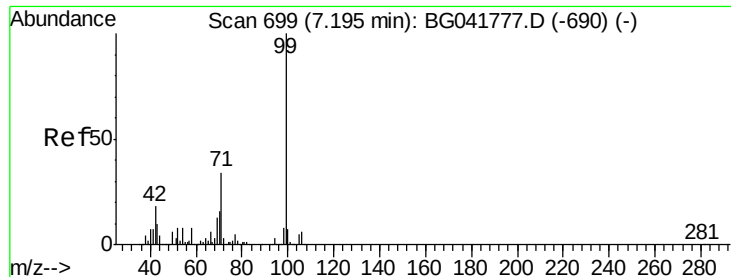
Abundance

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: 165.794 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041847.D

Acq: 31 Jul 2019 23:57

Instrument :

BNA_G

ClientSampleId :

TP-6

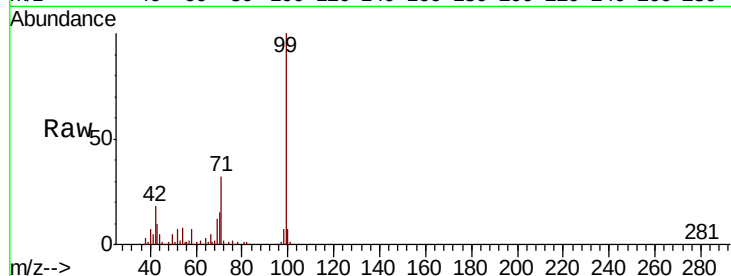
Tot Ion: 99 Resp: 247490

Ion Ratio Lower Upper

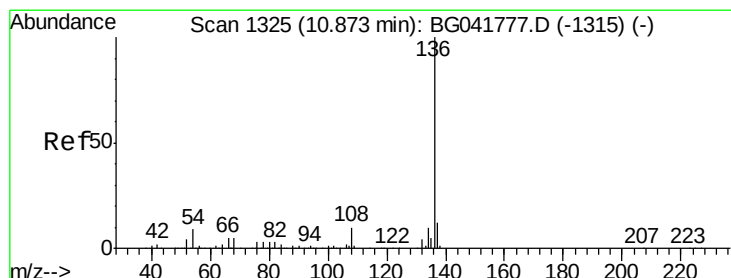
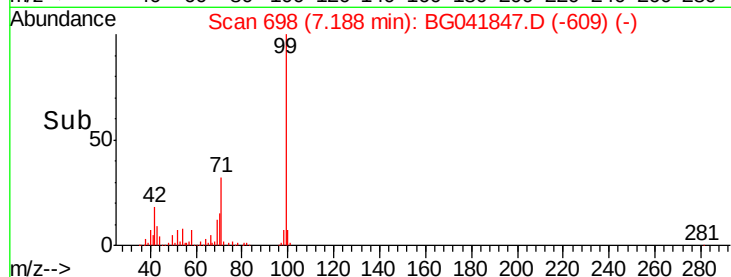
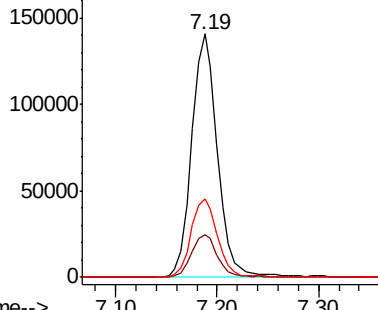
99 100

42 17.7 17.6 26.4

71 32.1 27.8 41.6



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041847.D

Acq: 31 Jul 2019 23:57

Tgt Ion: 136 Resp: 102977

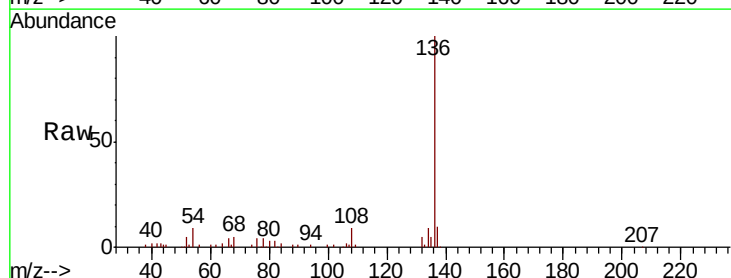
Ion Ratio Lower Upper

136 100

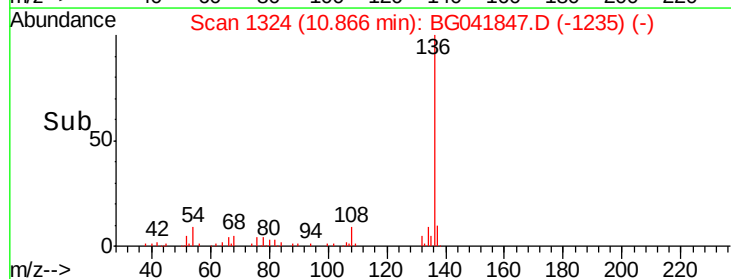
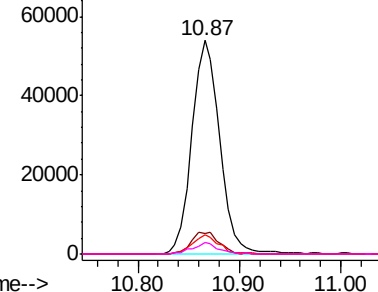
137 9.7 9.2 13.8

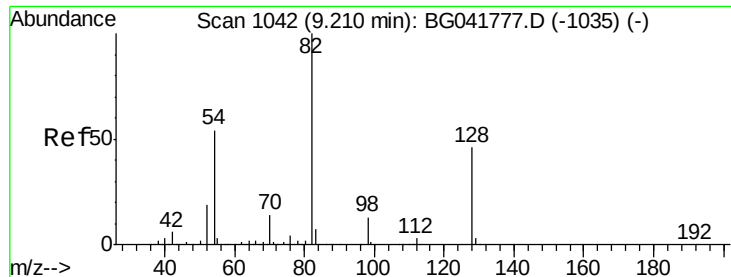
54 8.9 8.7 13.1

68 5.4 5.5 8.3#



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

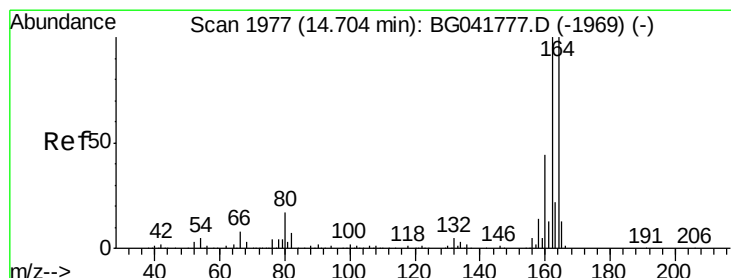
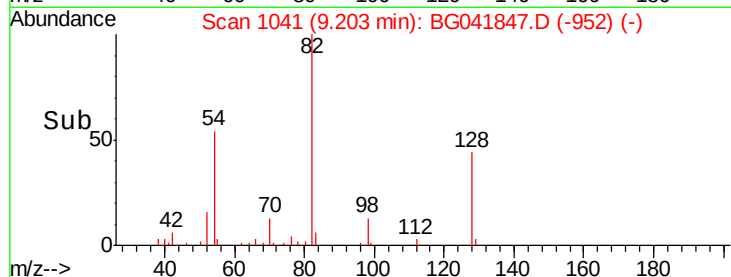
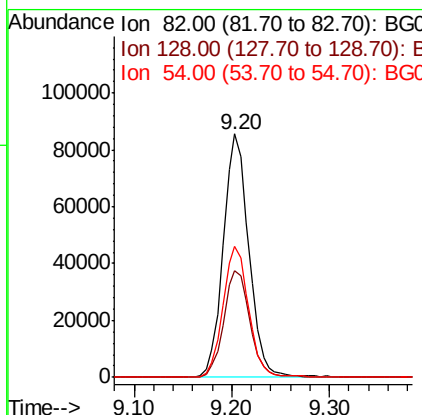
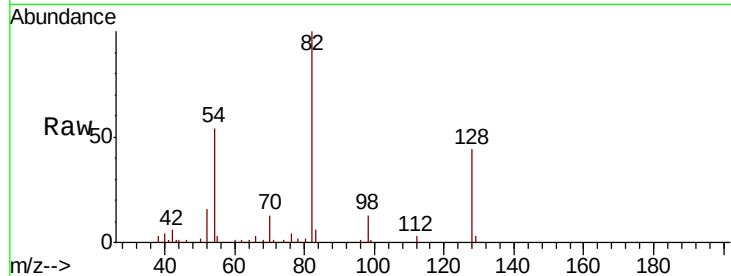




#23
 Nitrobenzene-d5
 Concen: 104.146 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041847.D
 Acq: 31 Jul 2019 23:57

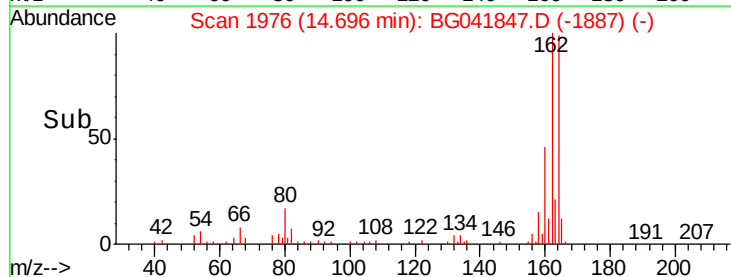
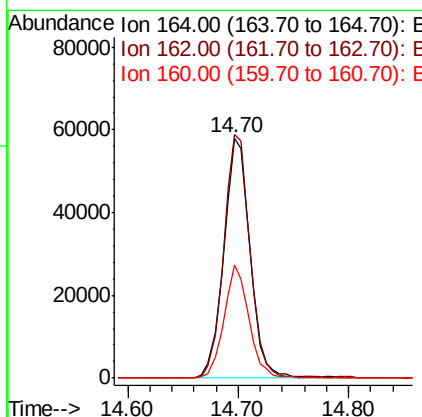
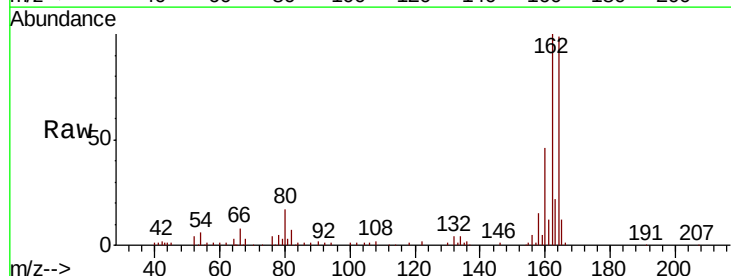
Instrument :
 BNA_G
 ClientSampled :
 TP-6

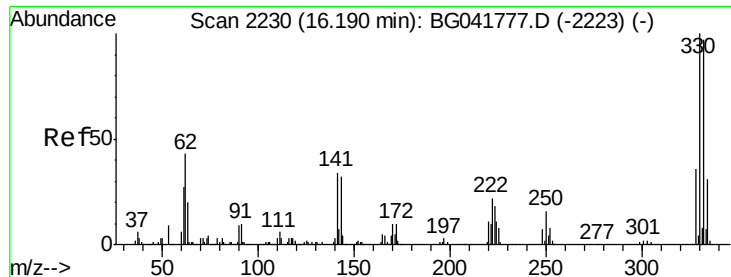
Tot Ion	82	Resp	155845
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.1	52.7
54	53.6	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG041847.D
 Acq: 31 Jul 2019 23:57

Tgt Ion	164	Resp	96435
Ion Ratio	Lower	Upper	
164	100		
162	101.4	79.6	119.4
160	47.1	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 272.429 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041847.D

Acq: 31 Jul 2019 23:57

Instrument :

BNA_G

ClientSampleId :

TP-6

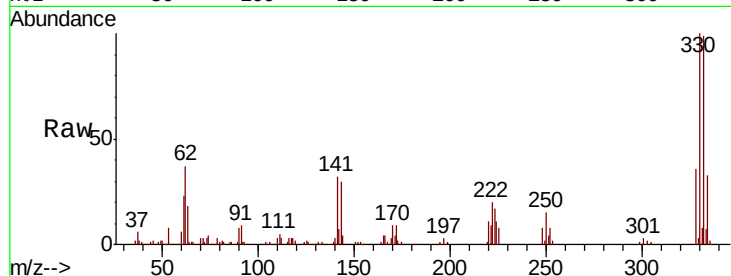
Tot Ion:330 Resp: 298410

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 33.0 31.9 47.9

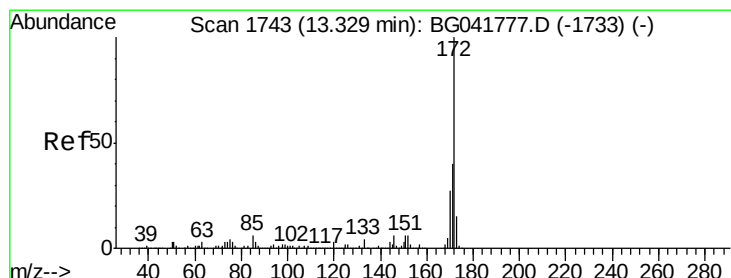
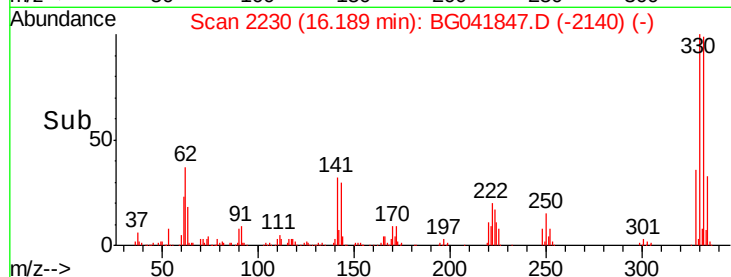
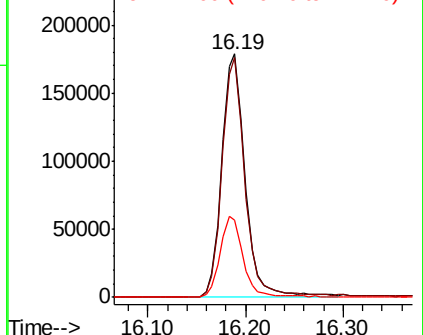


Abundance

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: 87.913 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG041847.D

Acq: 31 Jul 2019 23:57

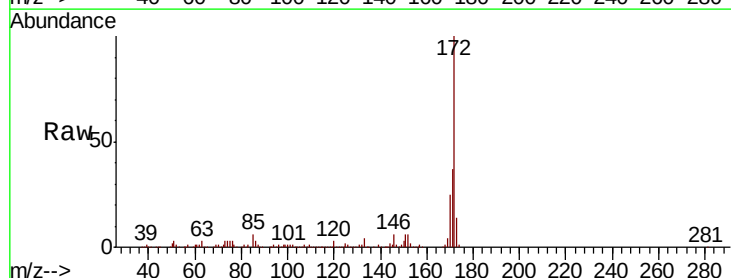
Tgt Ion:172 Resp: 480680

Ion Ratio Lower Upper

172 100

171 36.8 35.0 52.4

170 24.6 23.5 35.3

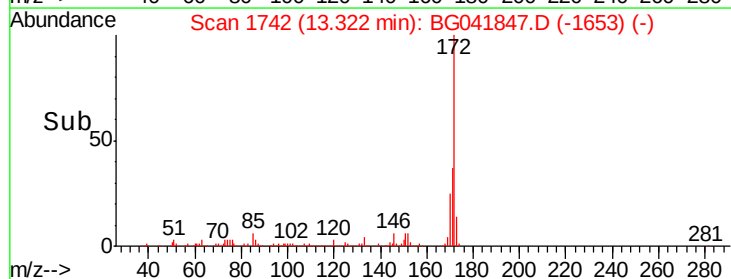
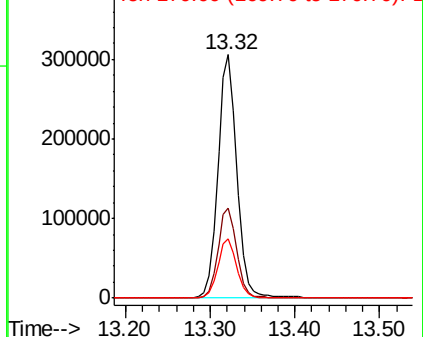


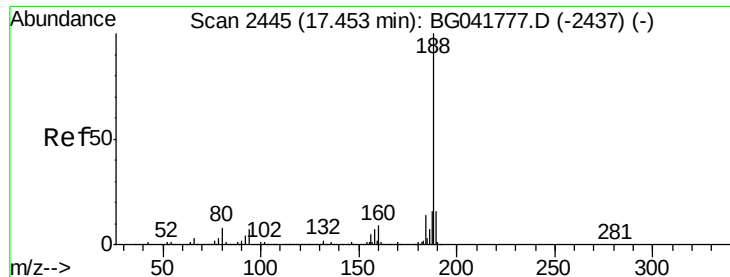
Abundance

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: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041847.D

Acq: 31 Jul 2019 23:57

Instrument :

BNA_G

ClientSampleId :

TP-6

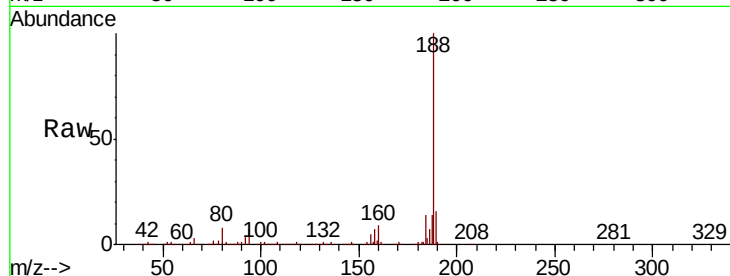
Tot Ion:188 Resp: 442721

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3#

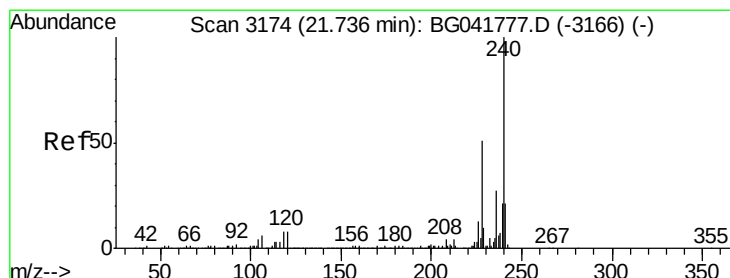
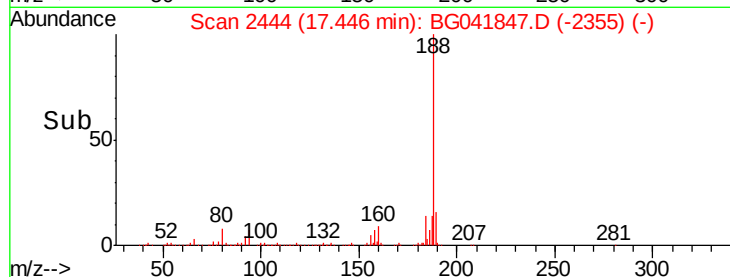
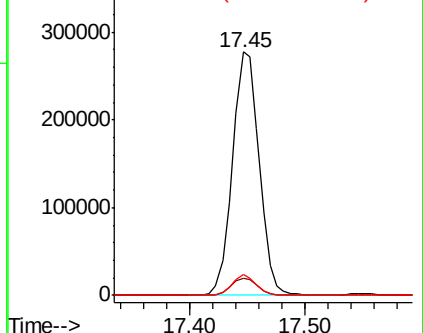
80 8.4 8.0 12.0



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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041847.D

Acq: 31 Jul 2019 23:57

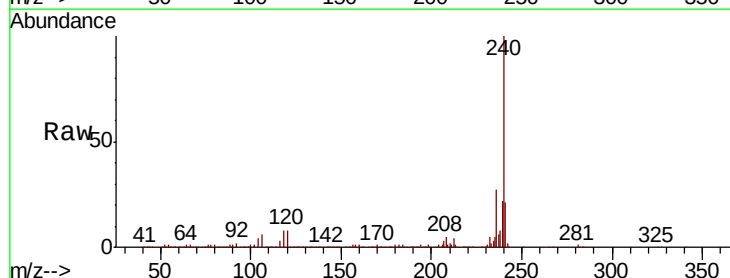
Tgt Ion:240 Resp: 743593

Ion Ratio Lower Upper

240 100

120 8.4 8.0 12.0

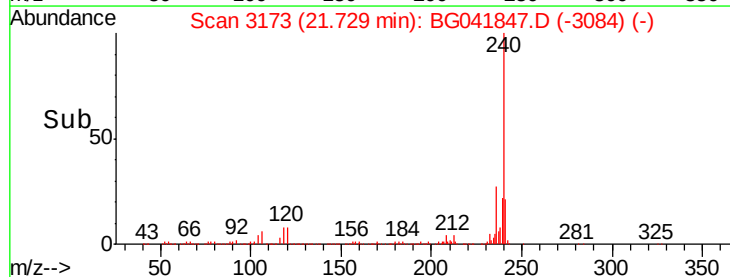
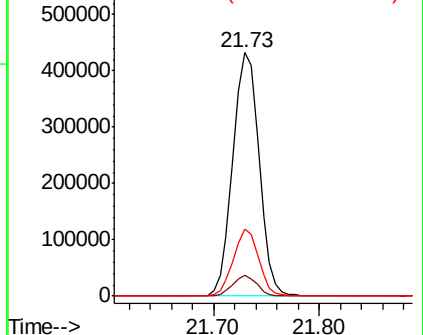
236 27.3 22.6 33.8

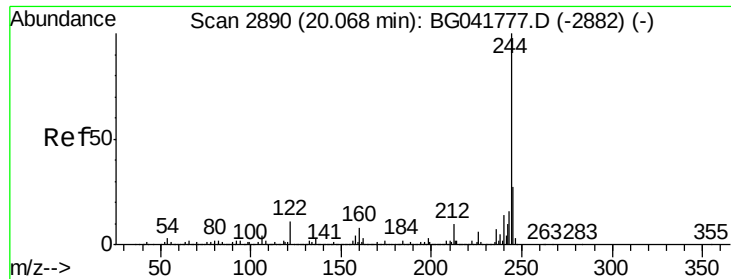


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

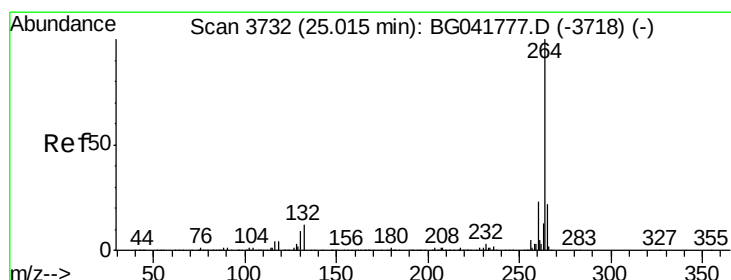
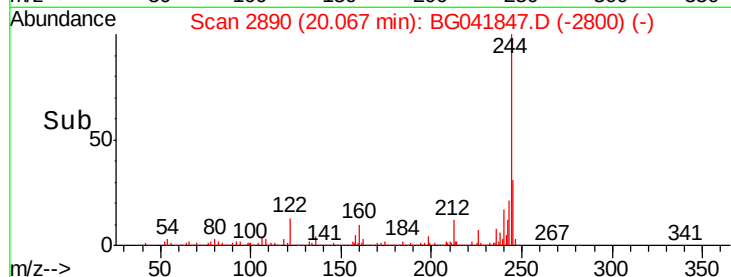
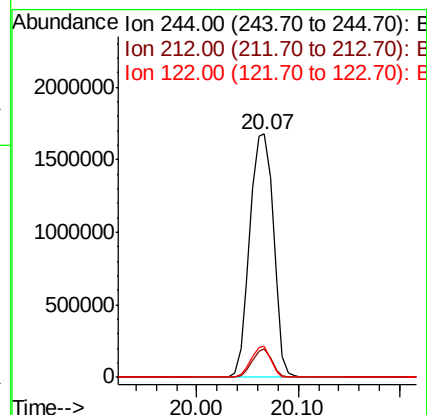
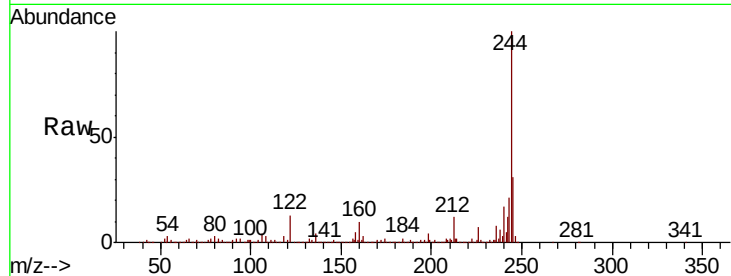




#79
 Terphenyl-d14
 Concen: 84.170 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BG041847.D
 Acq: 31 Jul 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 TP-6

Tot Ion:244 Resp: 2735195
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.7 14.5
 122 12.6 12.5 18.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041847.D
 Acq: 31 Jul 2019 23:57

Tgt Ion:264 Resp: 786979
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.8 18.0 27.0

