

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041842.D
 Acq On : 31 Jul 2019 20:46
 Operator : HP/JU
 Sample : K4021-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Aug 01 03:11:43 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	57884	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	240707	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	197452	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	626080	20.00	ng	0.00
76) Chrysene-d12	21.73	240	742664	20.00	ng	0.00
87) Perylene-d12	25.00	264	765931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	416219	139.90	ng	0.00
7) Phenol-d6	7.19	99	551905	137.60	ng	0.00
23) Nitrobenzene-d5	9.20	82	374201	106.98	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	470604	209.83	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1102181	98.45	ng	0.00
79) Terphenyl-d14	20.07	244	2835739	87.37	ng	0.00

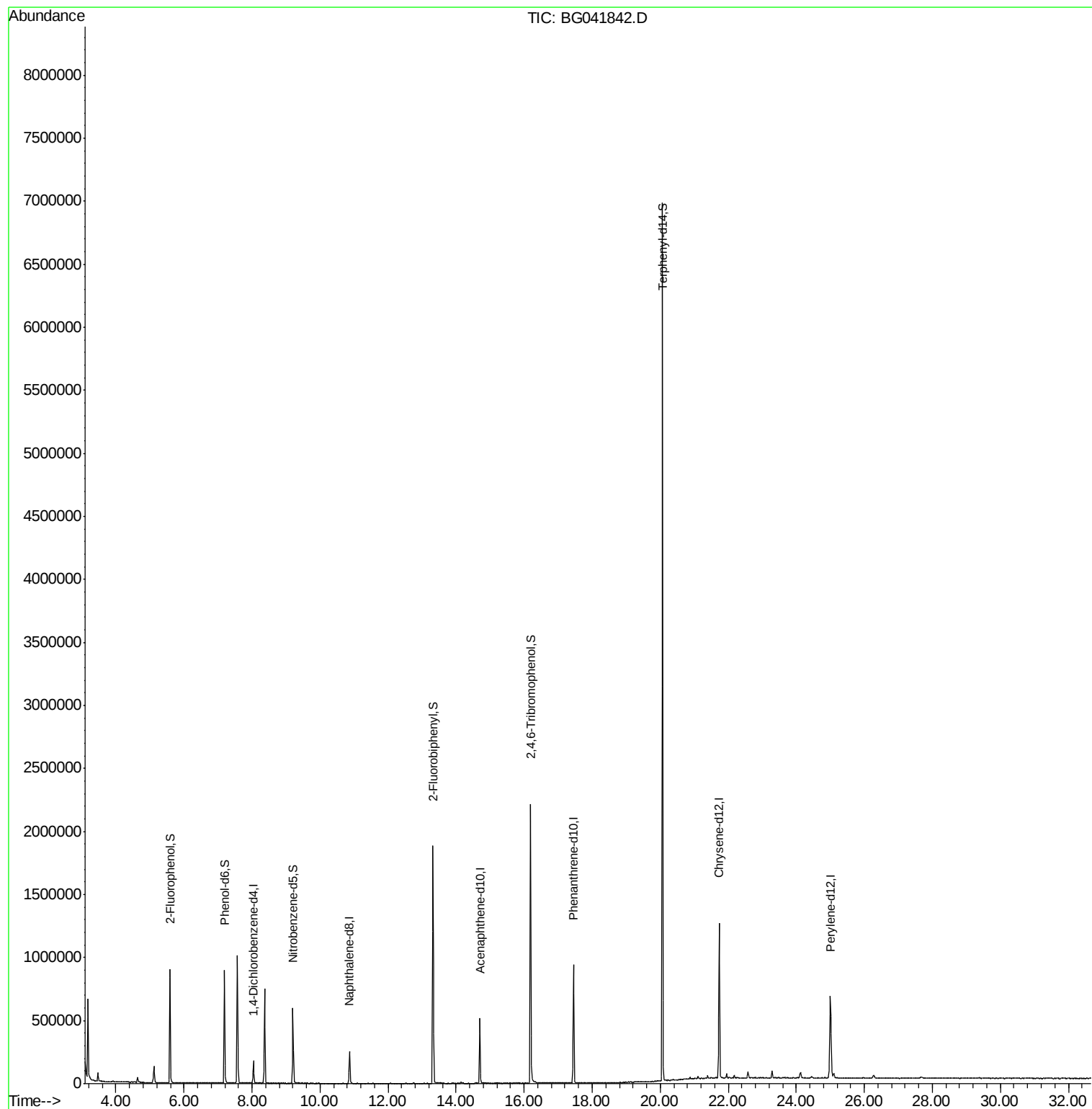
Target Compounds Qvalue

(#) = 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: BG041842.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_G

ClientSampleId :

TP-9

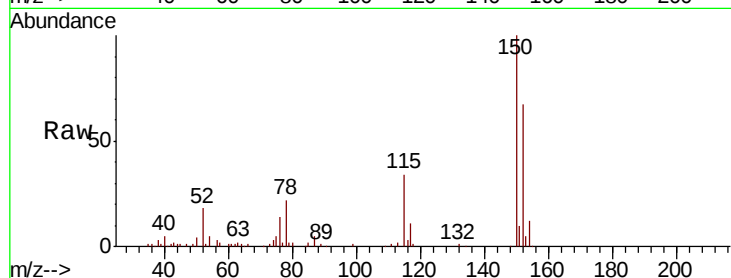
Tot Ion:152 Resp: 57884

Ion Ratio Lower Upper

152 100

150 148.5 126.9 190.3

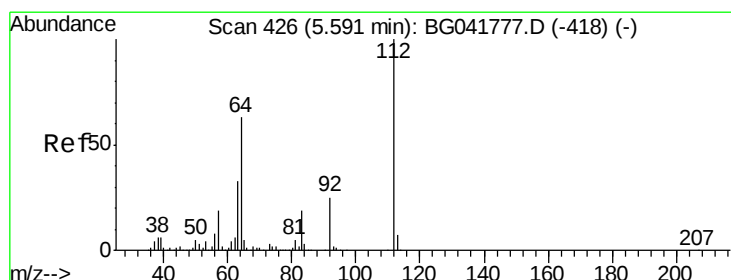
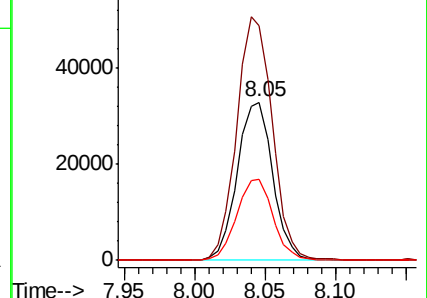
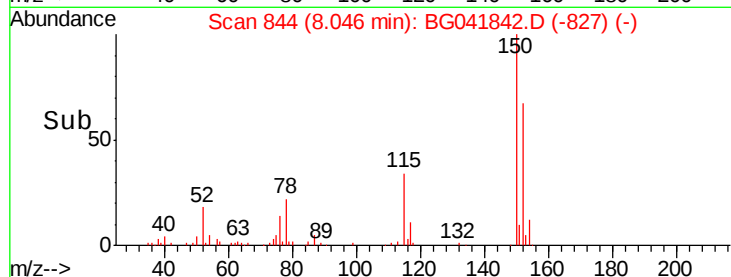
115 51.2 45.0 67.6



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: 139.901 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG041842.D

Acq: 31 Jul 2019 20:46

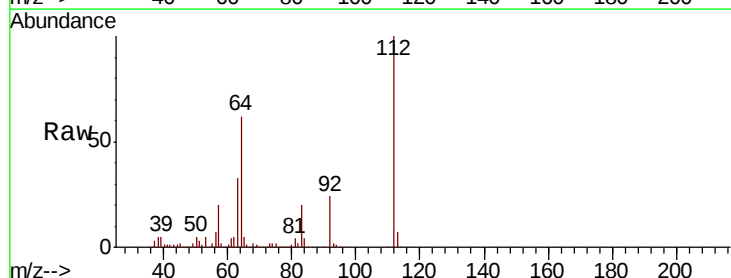
Tgt Ion:112 Resp: 416219

Ion Ratio Lower Upper

112 100

64 62.1 55.4 83.2

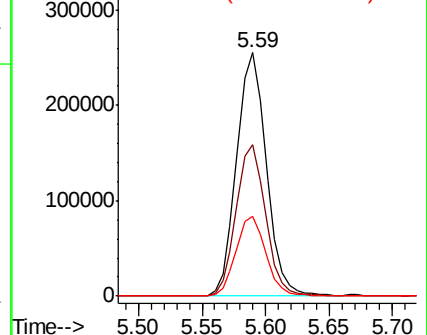
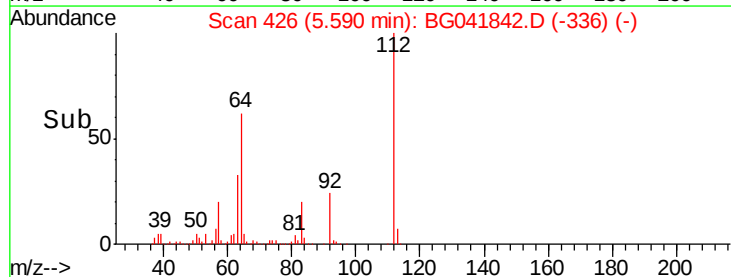
63 32.7 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.601 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041842.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_G

ClientSampleId :

TP-9

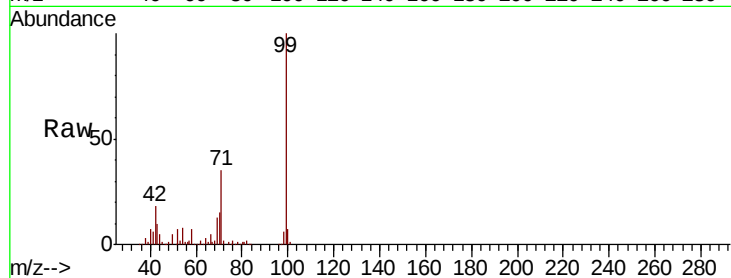
Tot Ion: 99 Resp: 551905

Ion Ratio Lower Upper

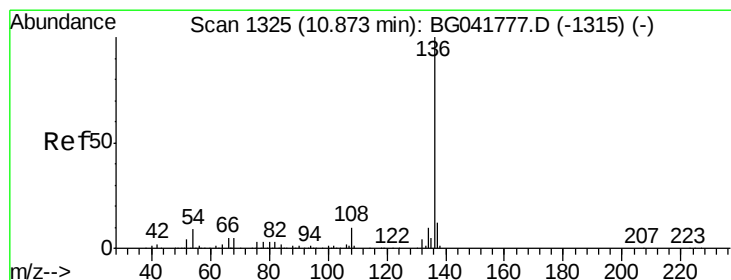
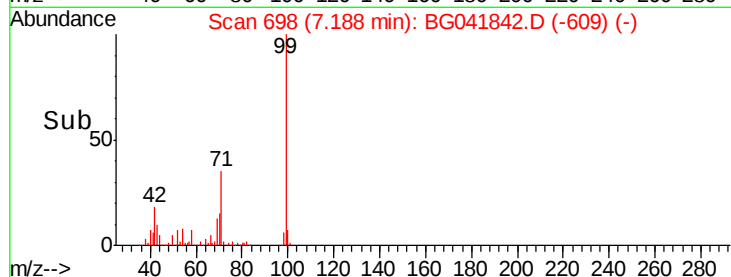
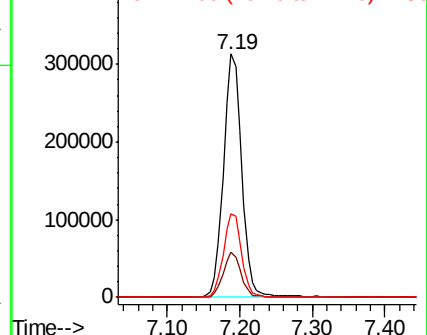
99 100

42 18.4 17.6 26.4

71 34.6 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: BG041842.D

Acq: 31 Jul 2019 20:46

Tgt Ion: 136 Resp: 240707

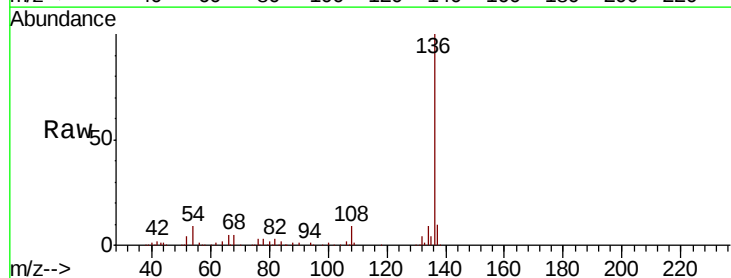
Ion Ratio Lower Upper

136 100

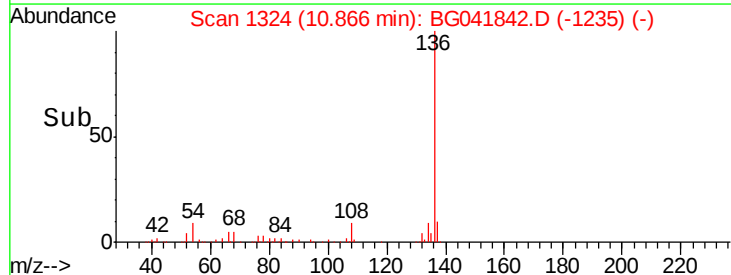
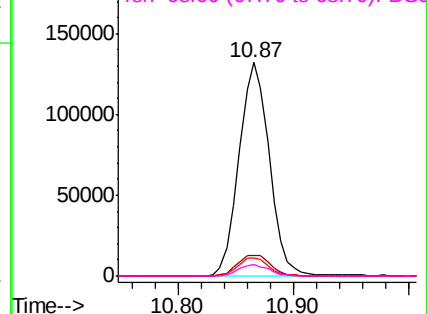
137 9.8 9.2 13.8

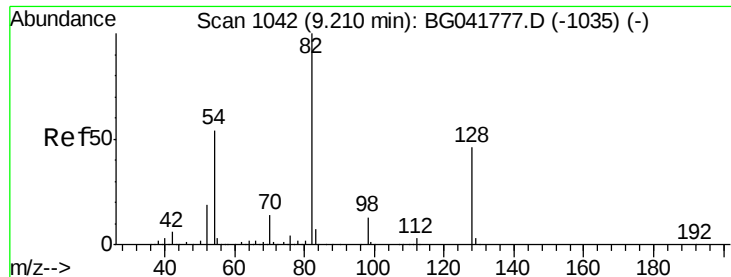
54 8.5 8.7 13.1#

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

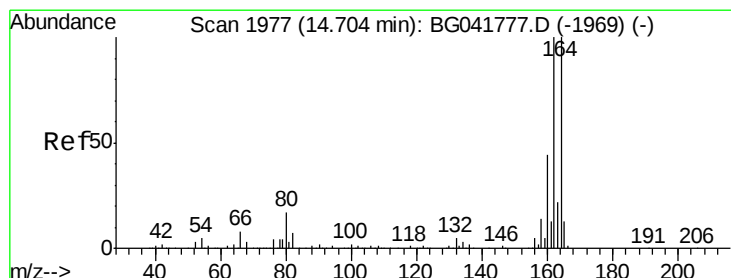
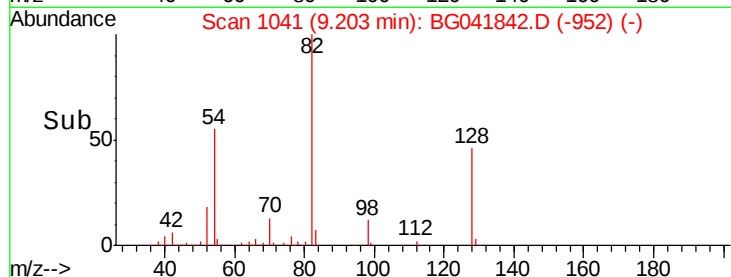
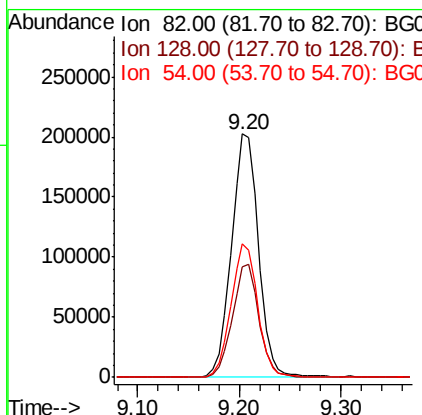
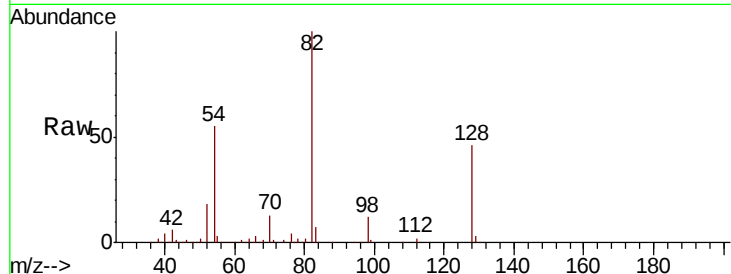




#23
Nitrobenzene-d5
Concen: 106.981 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041842.D
Acq: 31 Jul 2019 20:46

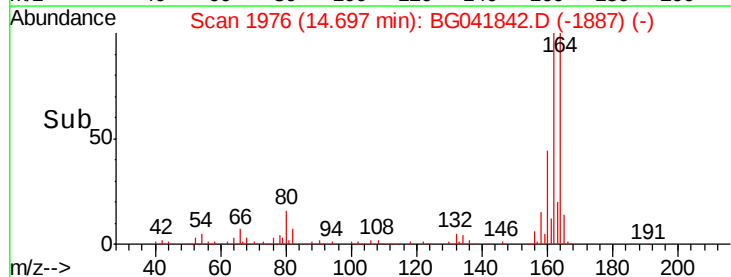
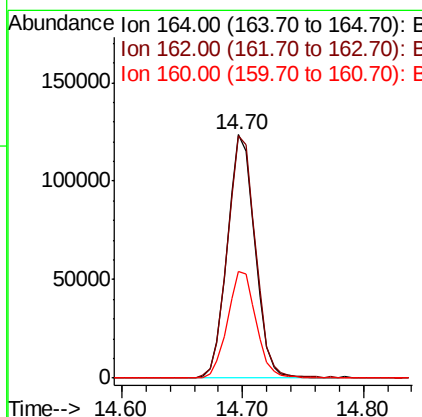
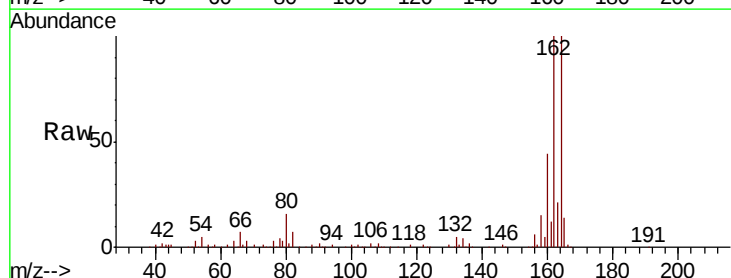
Instrument :
BNA_G
ClientSampleId :
TP-9

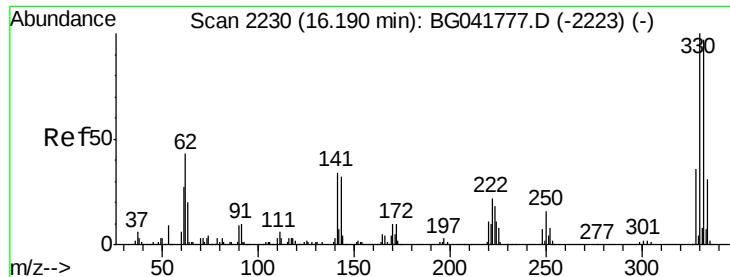
Tot Ion	82	Resp	374201
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.1	52.7
54	54.9	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041842.D
Acq: 31 Jul 2019 20:46

Tgt Ion	164	Resp	197452
Ion Ratio	Lower	Upper	
164	100		
162	99.8	79.6	119.4
160	43.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 209.830 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041842.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_G

ClientSampleId :

TP-9

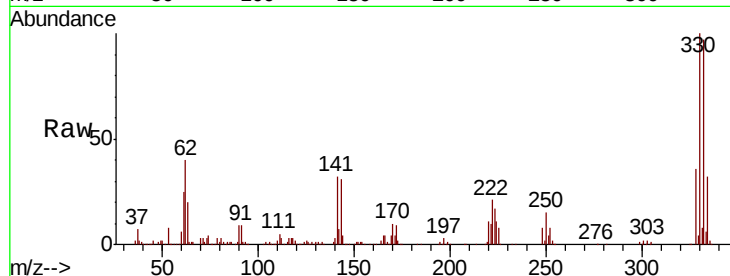
Tot Ion:330 Resp: 470604

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

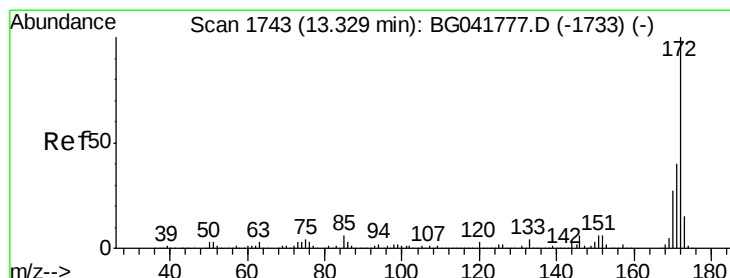
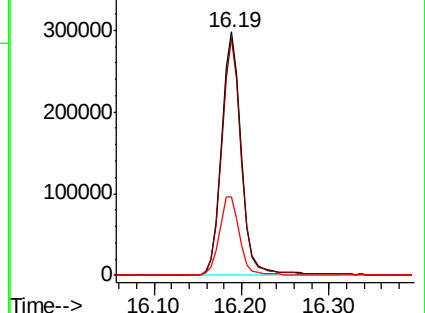
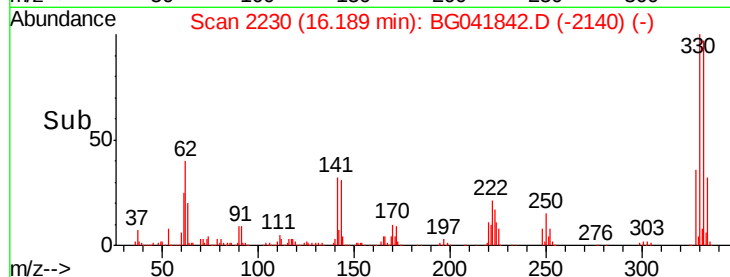
141 33.0 31.9 47.9



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: 98.451 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG041842.D

Acq: 31 Jul 2019 20:46

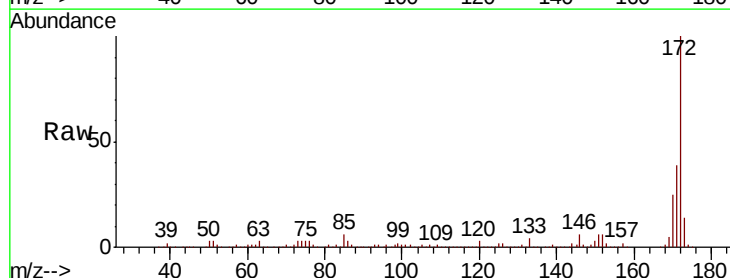
Tgt Ion:172 Resp: 1102181

Ion Ratio Lower Upper

172 100

171 38.6 35.0 52.4

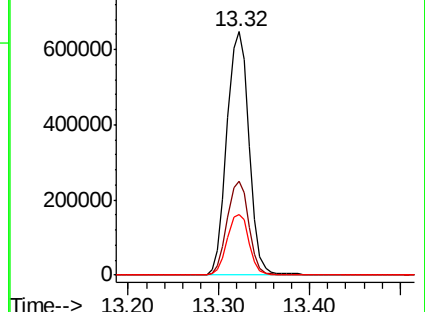
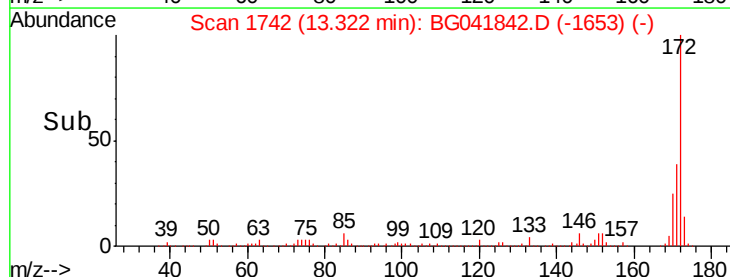
170 24.8 23.5 35.3

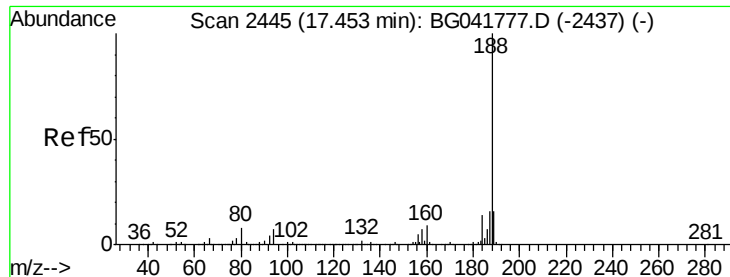


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

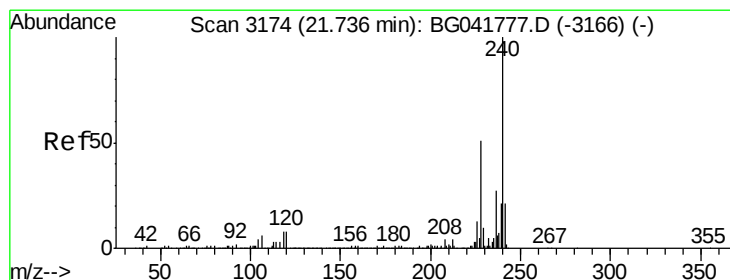
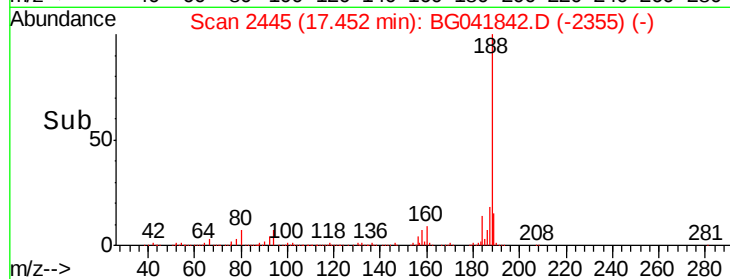
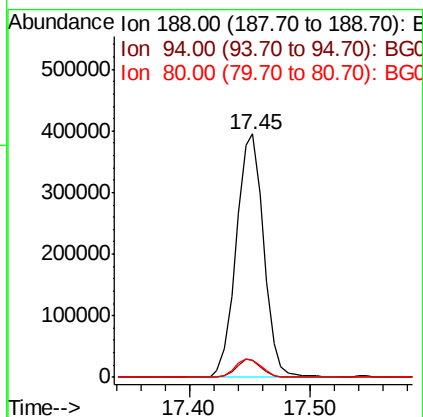
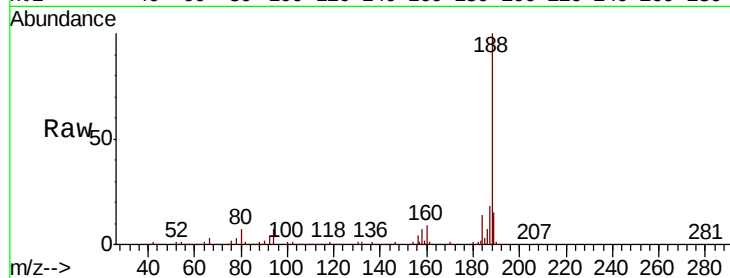




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041842.D
Acq: 31 Jul 2019 20:46

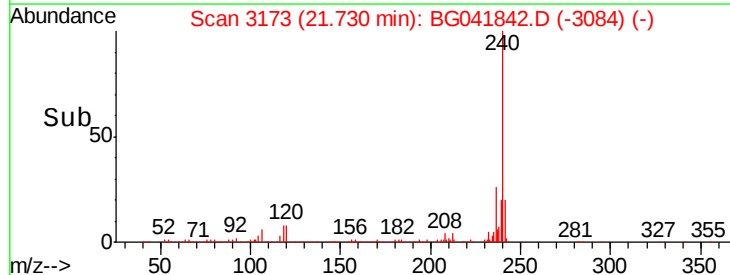
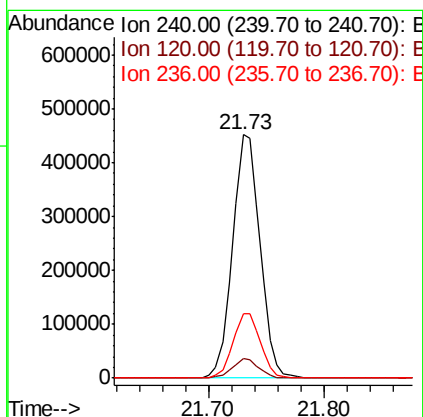
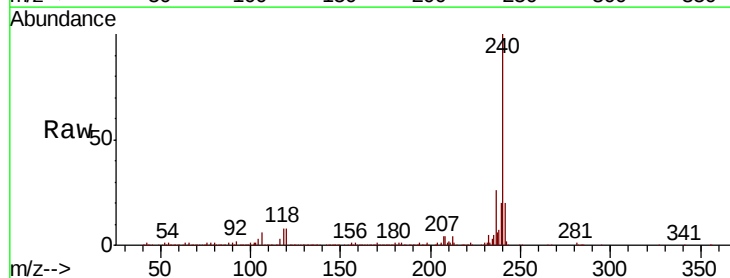
Instrument :
BNA_G
ClientSampled :
TP-9

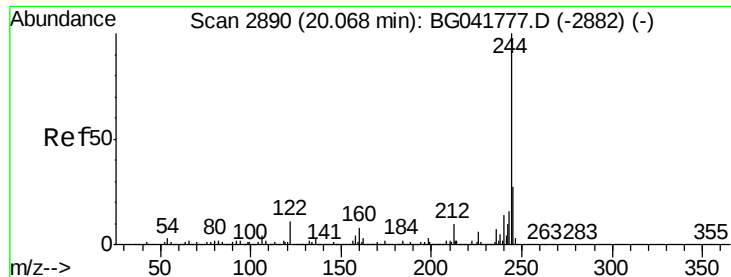
Tot Ion:188 Resp: 626080
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.2 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041842.D
Acq: 31 Jul 2019 20:46

Tgt Ion:240 Resp: 742664
Ion Ratio Lower Upper
240 100
120 8.1 8.0 12.0
236 26.3 22.6 33.8



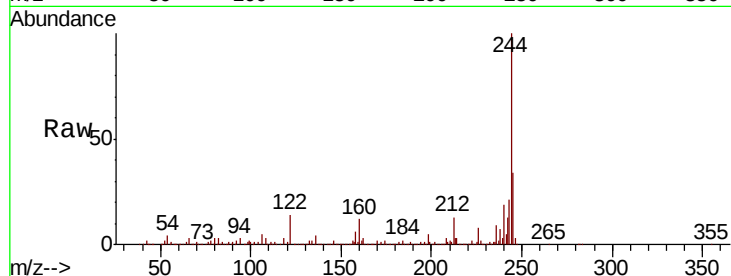


#79
 Terphenyl-d14
 Concen: 87.373 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BG041842.D
 Acq: 31 Jul 2019 20:46

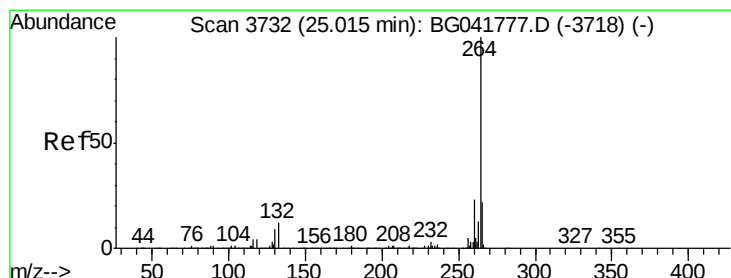
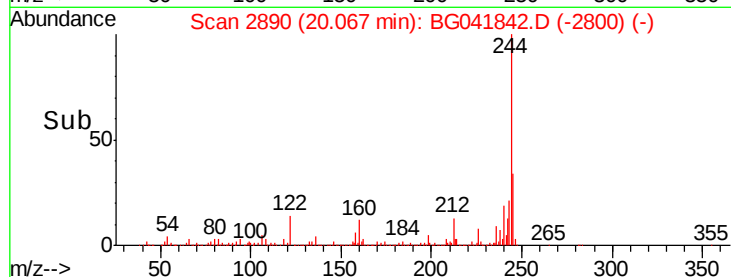
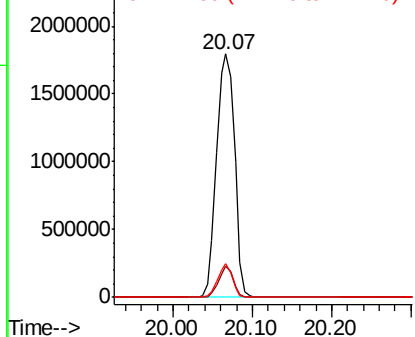
Instrument :
 BNA_G
 ClientSampled :
 TP-9

Tot Ion:244 Resp: 2835739

Ion	Ratio	Lower	Upper
244	100		
212	12.8	9.7	14.5
122	14.0	12.5	18.7



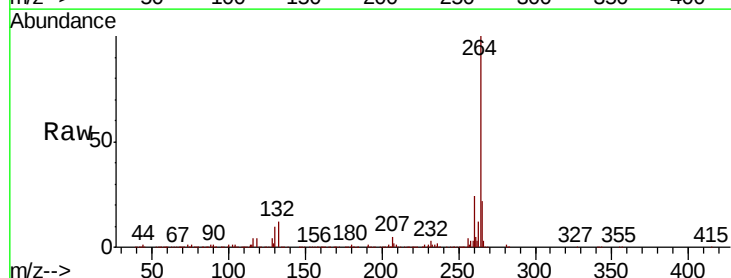
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041842.D
 Acq: 31 Jul 2019 20:46

Tgt Ion:264 Resp: 765931

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.3	18.0	27.0



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

