

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041878.D
 Acq On : 2 Aug 2019 00:31
 Operator : HP/JU
 Sample : K4024-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Quant Time: Aug 02 04:09:49 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

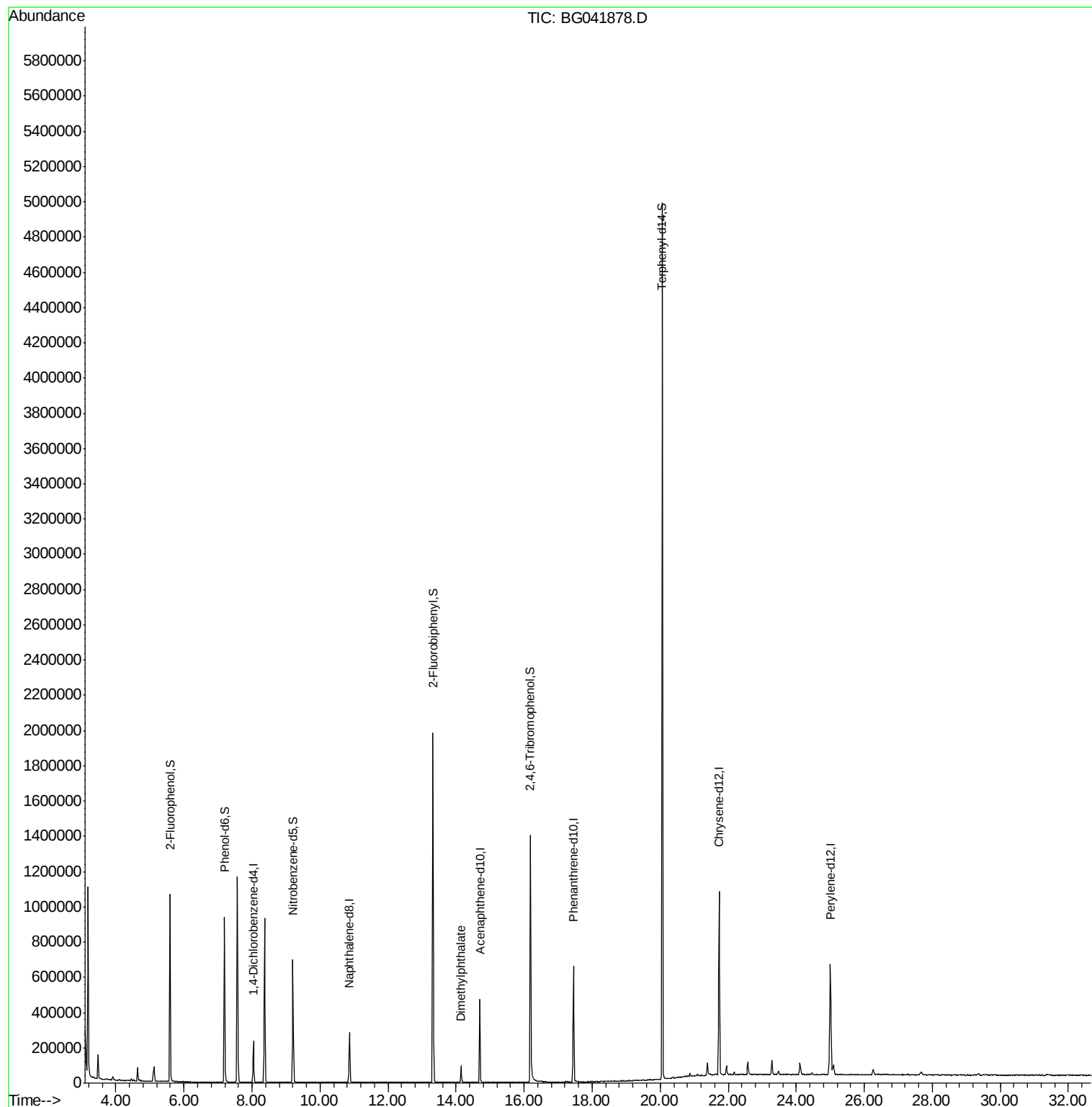
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72538	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	267012	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	178657	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	440616	20.00	ng	0.00
76) Chrysene-d12	21.73	240	625640	20.00	ng	0.00
87) Perylene-d12	25.00	264	733851	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	473625	127.04	ng	0.00
7) Phenol-d6	7.19	99	585164	116.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	432614	111.50	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	329595	162.42	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1095512	108.15	ng	-0.01
79) Terphenyl-d14	20.06	244	2320593	84.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	76300	6.253	ng	Qvalue 99

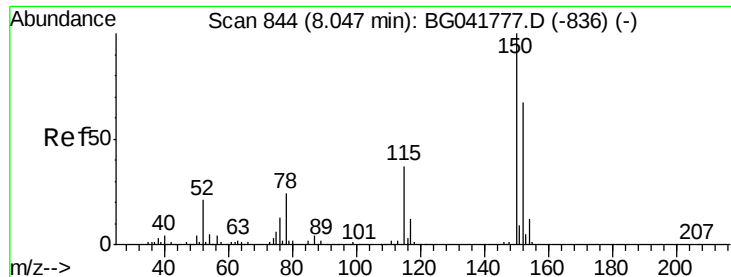
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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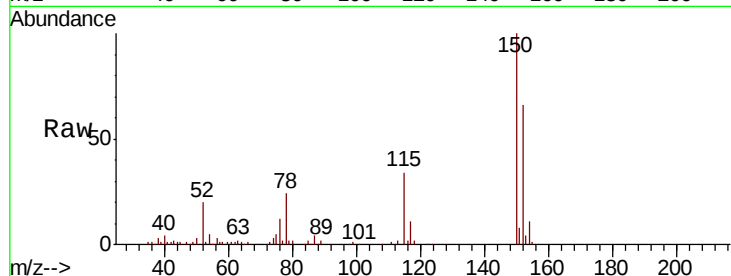


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Instrument :
BNA_G
ClientSampleId :
TP-6-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.9	190.3
115	51.3	45.0	67.6

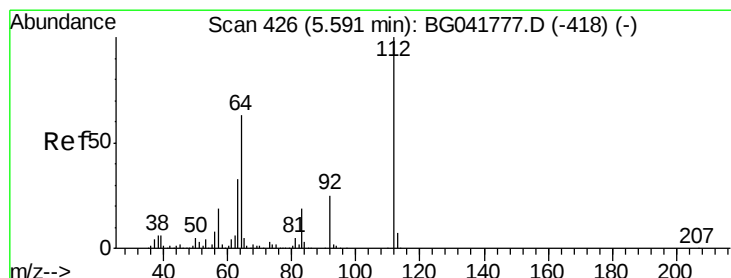
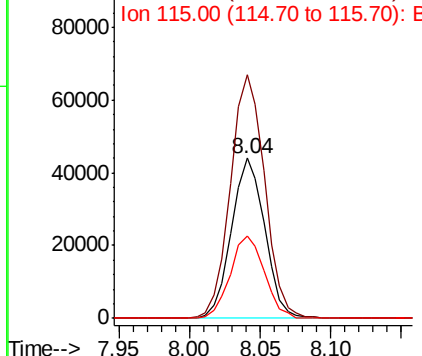
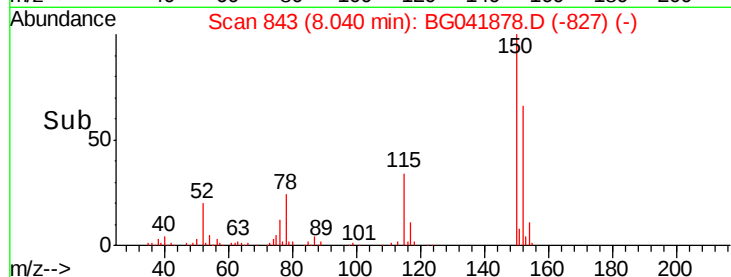


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

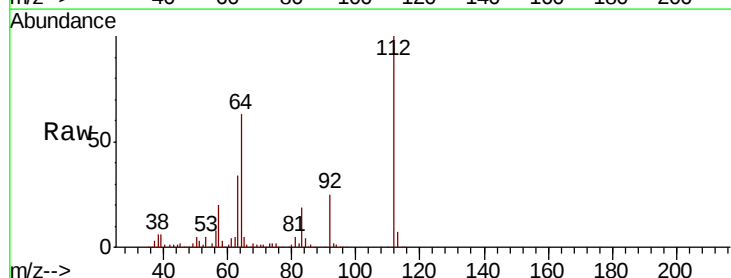
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.036 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	55.4	83.2
63	34.5	29.1	43.7

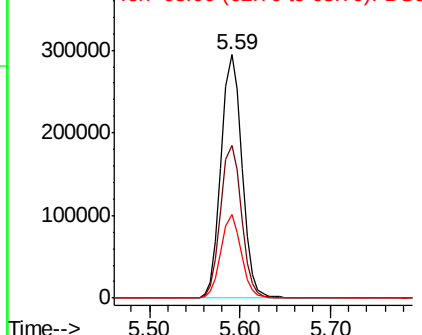
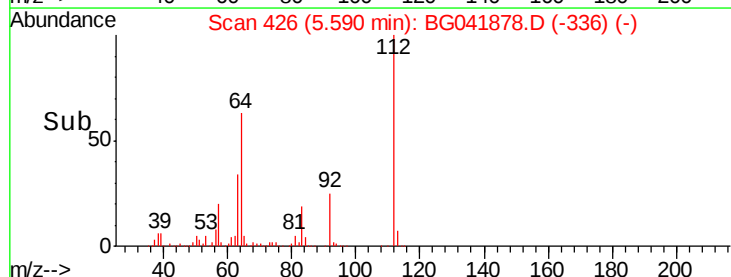


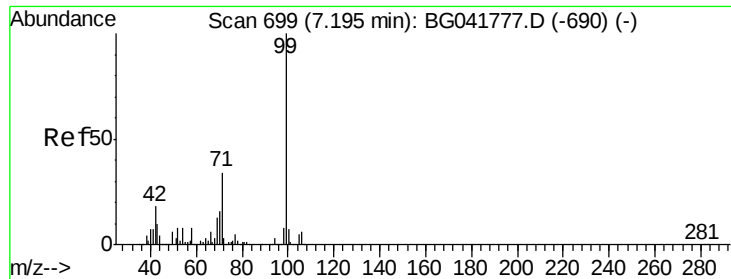
Abundance

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: 116.420 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

Instrument :

BNA_G

ClientSampleId :

TP-6-A

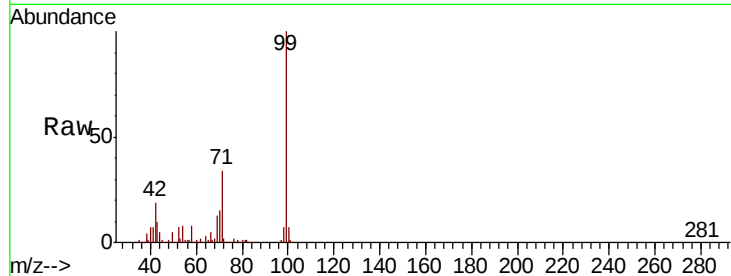
Tot Ion: 99 Resp: 585164

Ion Ratio Lower Upper

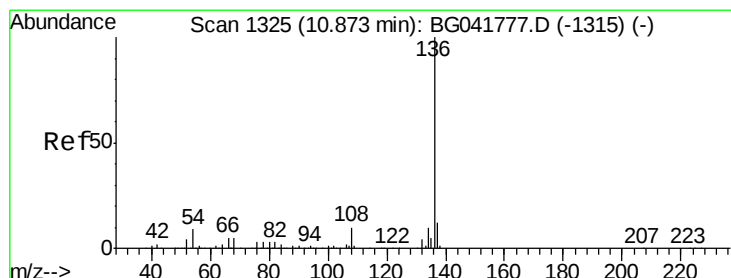
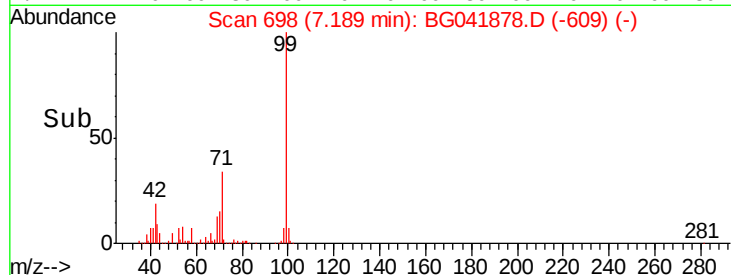
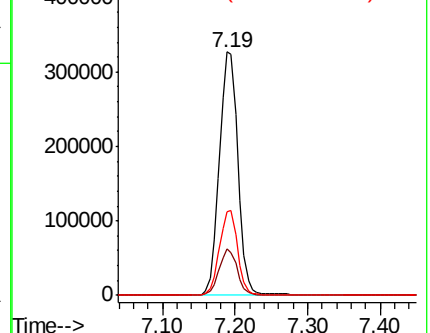
99 100

42 18.9 17.6 26.4

71 34.4 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: BG041878.D

Acq: 2 Aug 2019 00:31

Tgt Ion: 136 Resp: 267012

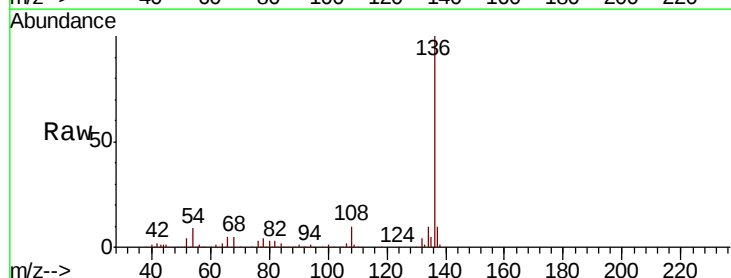
Ion Ratio Lower Upper

136 100

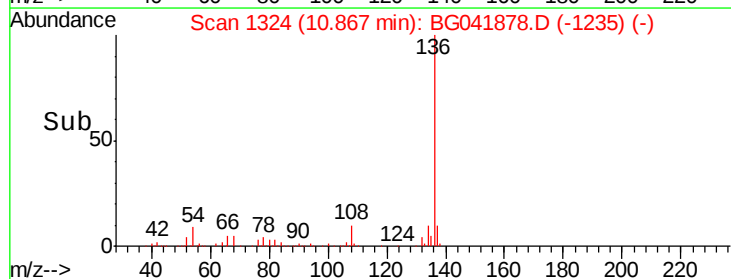
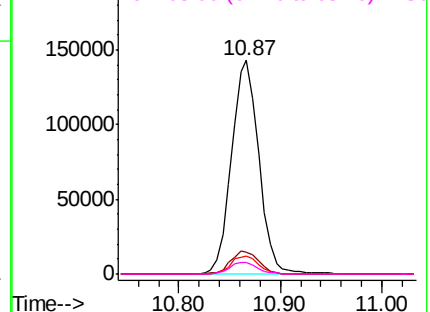
137 10.2 9.2 13.8

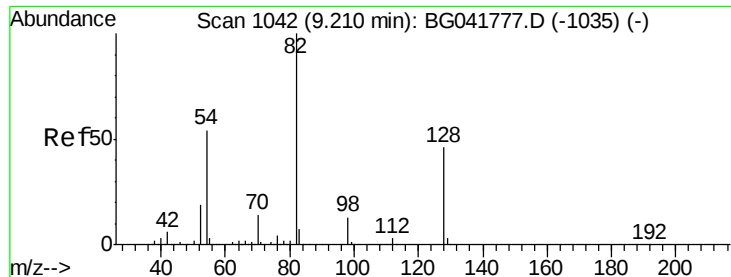
54 8.6 8.7 13.1#

68 5.3 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

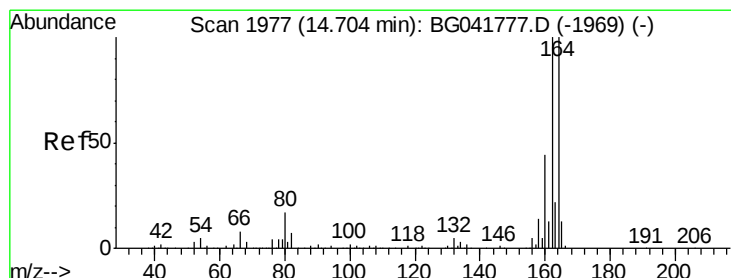
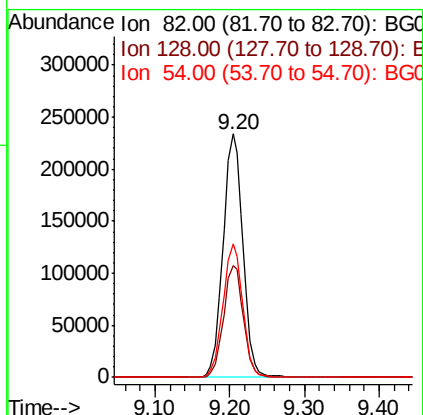
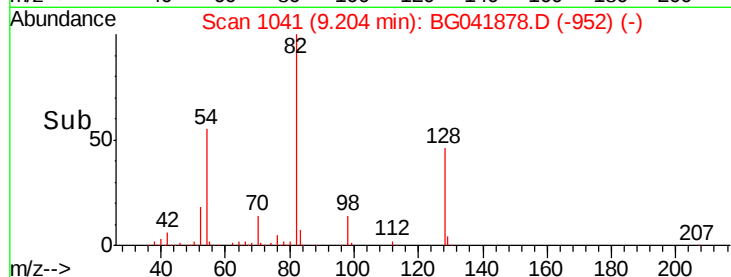
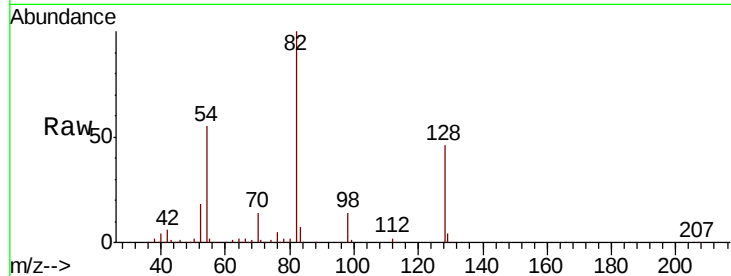




#23
Nitrobenzene-d5
Concen: 111.496 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

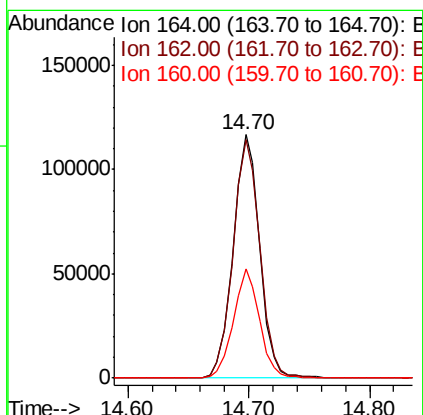
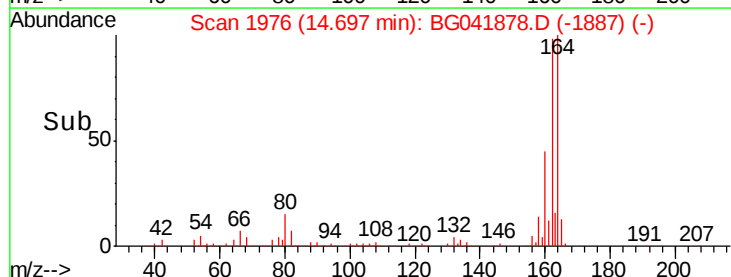
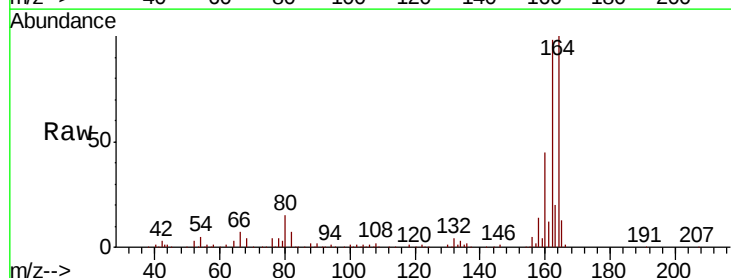
Instrument :
BNA_G
ClientSampleId :
TP-6-A

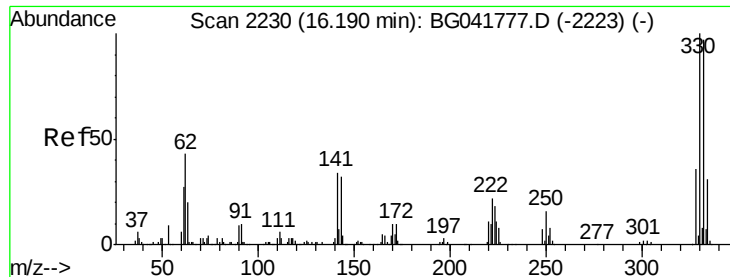
Tot Ion: 82 Resp: 432614
Ion Ratio Lower Upper
82 100
128 45.8 35.1 52.7
54 54.9 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Tgt Ion:164 Resp: 178657
Ion Ratio Lower Upper
164 100
162 97.8 79.6 119.4
160 44.8 35.4 53.0

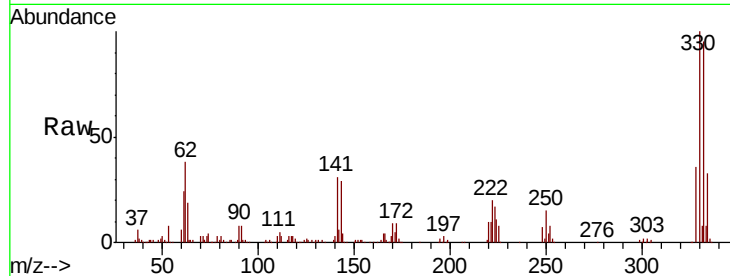




#42
 2,4,6-Tribromophenol
 Concen: 162.418 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG041878.D
 Acq: 2 Aug 2019 00:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	32.1	31.9	47.9

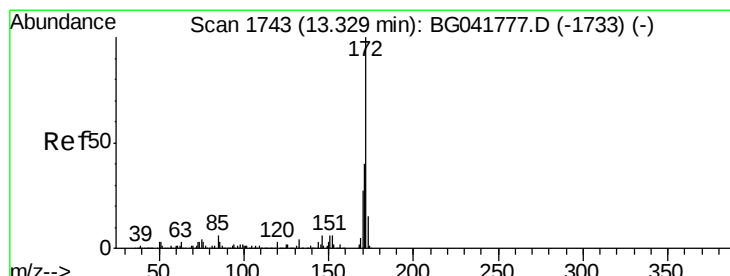
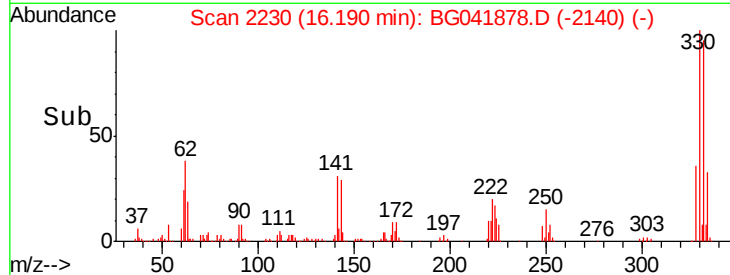
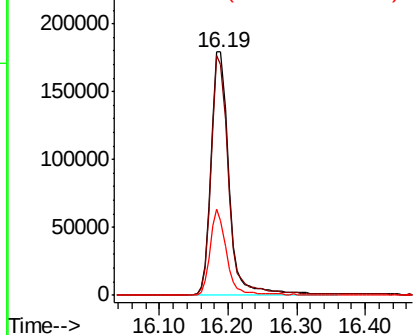


Abundance

Ion 329.80 (329.50 to 330.50): E

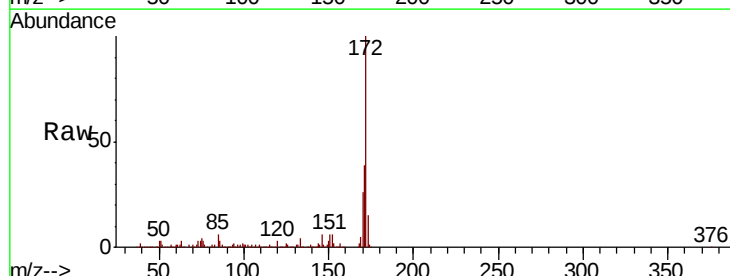
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.150 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041878.D
 Acq: 2 Aug 2019 00:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	35.0	52.4
170	26.1	23.5	35.3

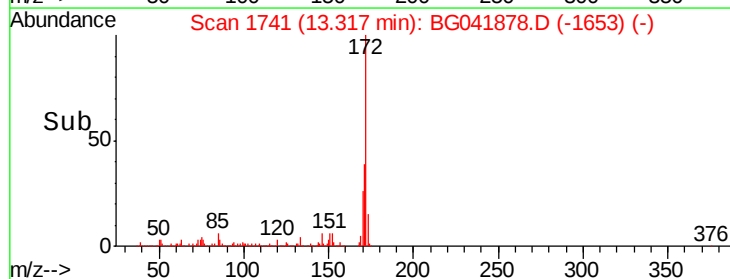
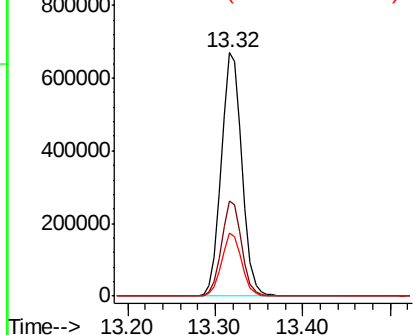


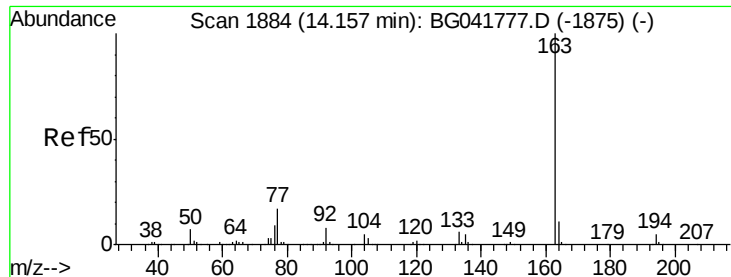
Abundance

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





#50

Dimethylphthalate

Concen: 6.253 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

Instrument :

BNA_G

ClientSampleId :

TP-6-A

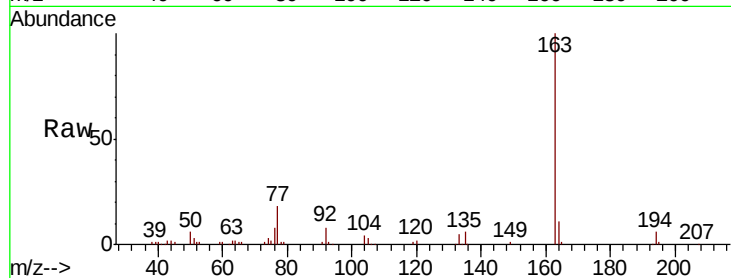
Tot Ion:163 Resp: 76300

Ion Ratio Lower Upper

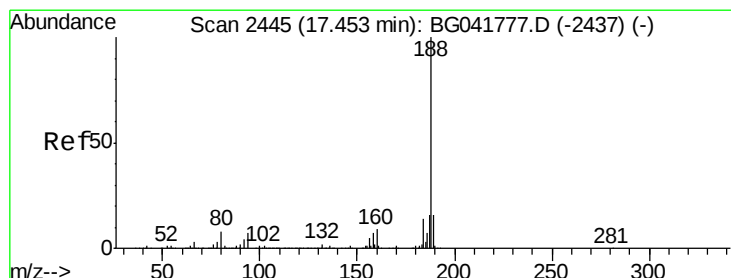
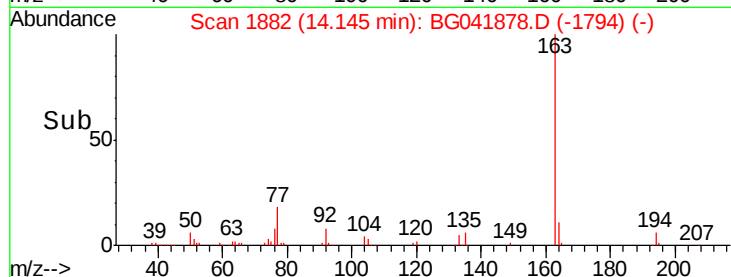
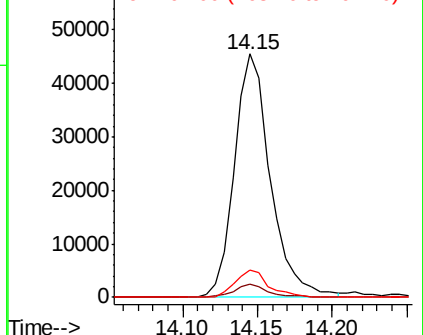
163 100

194 5.6 4.2 6.2

164 11.4 9.4 14.2



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: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041878.D

Acq: 2 Aug 2019 00:31

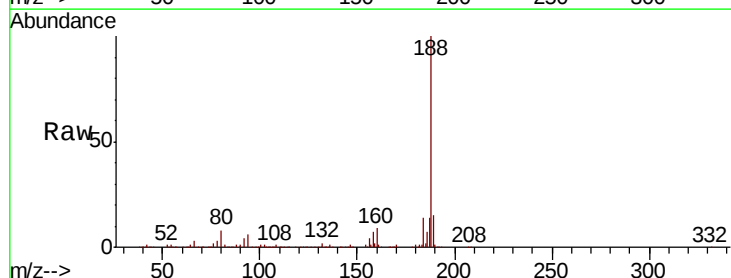
Tgt Ion:188 Resp: 440616

Ion Ratio Lower Upper

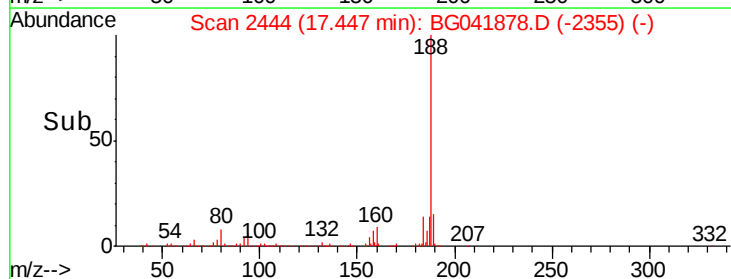
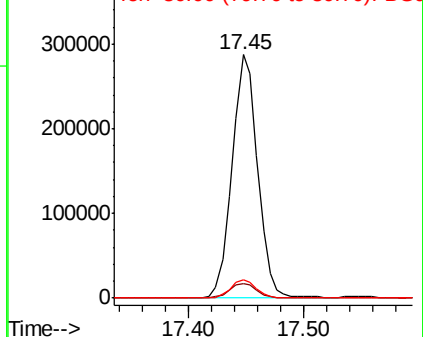
188 100

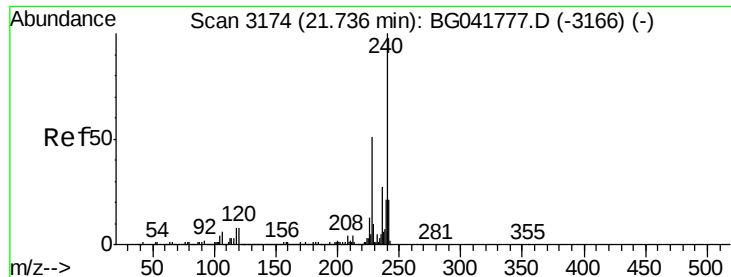
94 6.0 6.9 10.3#

80 7.7 8.0 12.0#



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

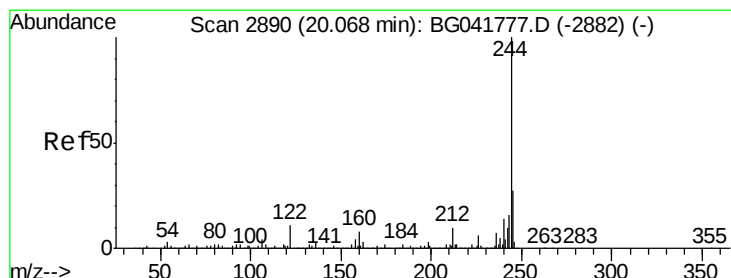
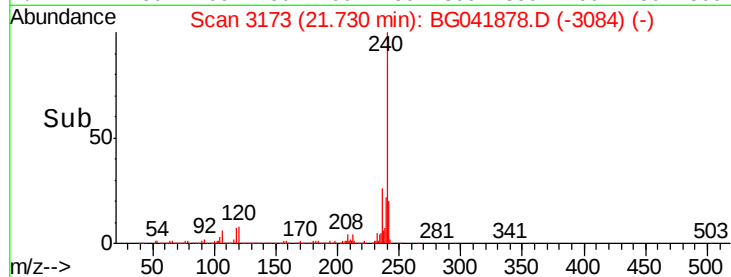
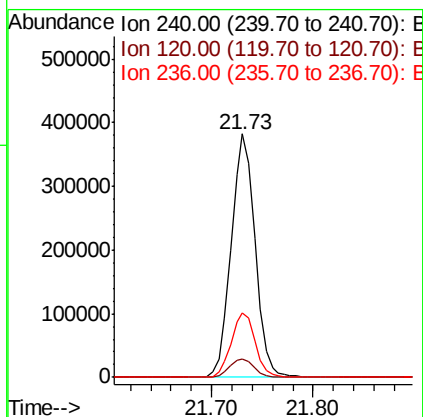
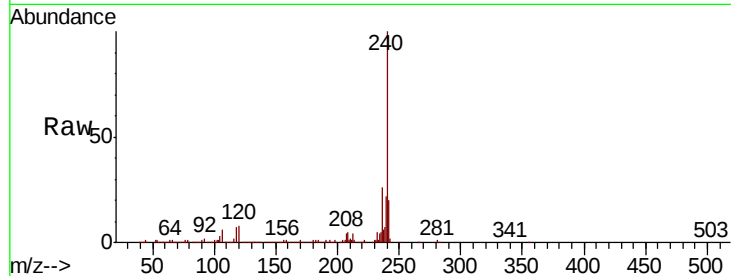




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

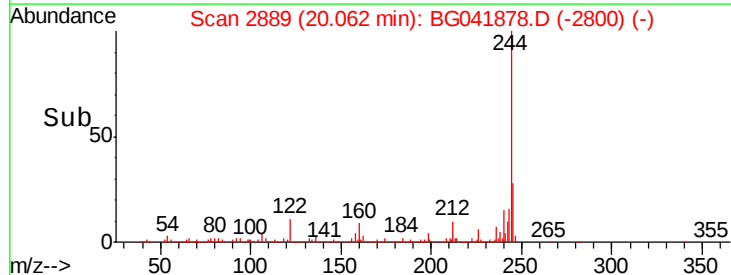
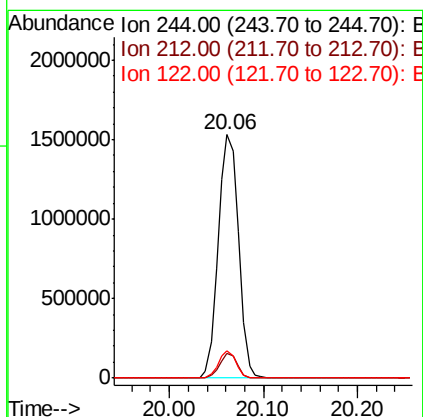
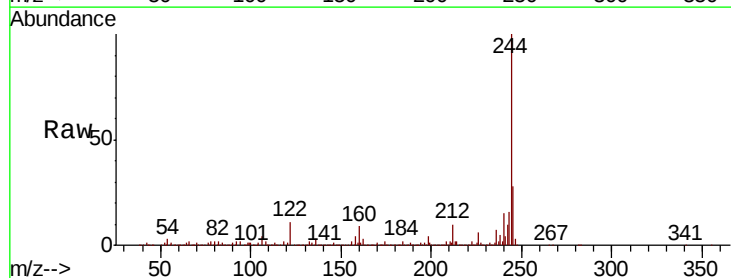
Instrument :
BNA_G
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TP-6-A

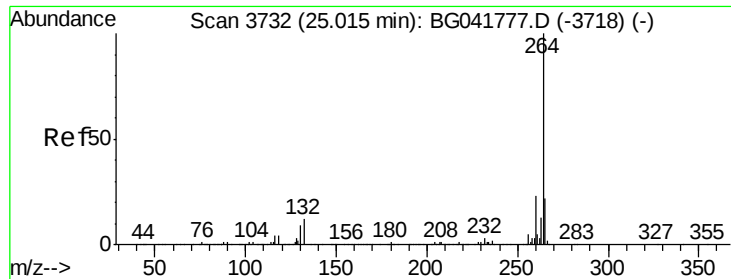
Tot Ion:240 Resp: 625640
Ion Ratio Lower Upper
240 100
120 7.7 8.0 12.0#
236 26.4 22.6 33.8



#79
Terphenyl-d14
Concen: 84.875 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG041878.D
Acq: 2 Aug 2019 00:31

Tgt Ion:244 Resp: 2320593
Ion Ratio Lower Upper
244 100
212 10.2 9.7 14.5
122 11.0 12.5 18.7#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041878.D
 Acq: 2 Aug 2019 00:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.5	18.0	27.0

