

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041844.D
 Acq On : 31 Jul 2019 22:02
 Operator : HP/JU
 Sample : K4021-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-A

Quant Time: Aug 01 03:30:17 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

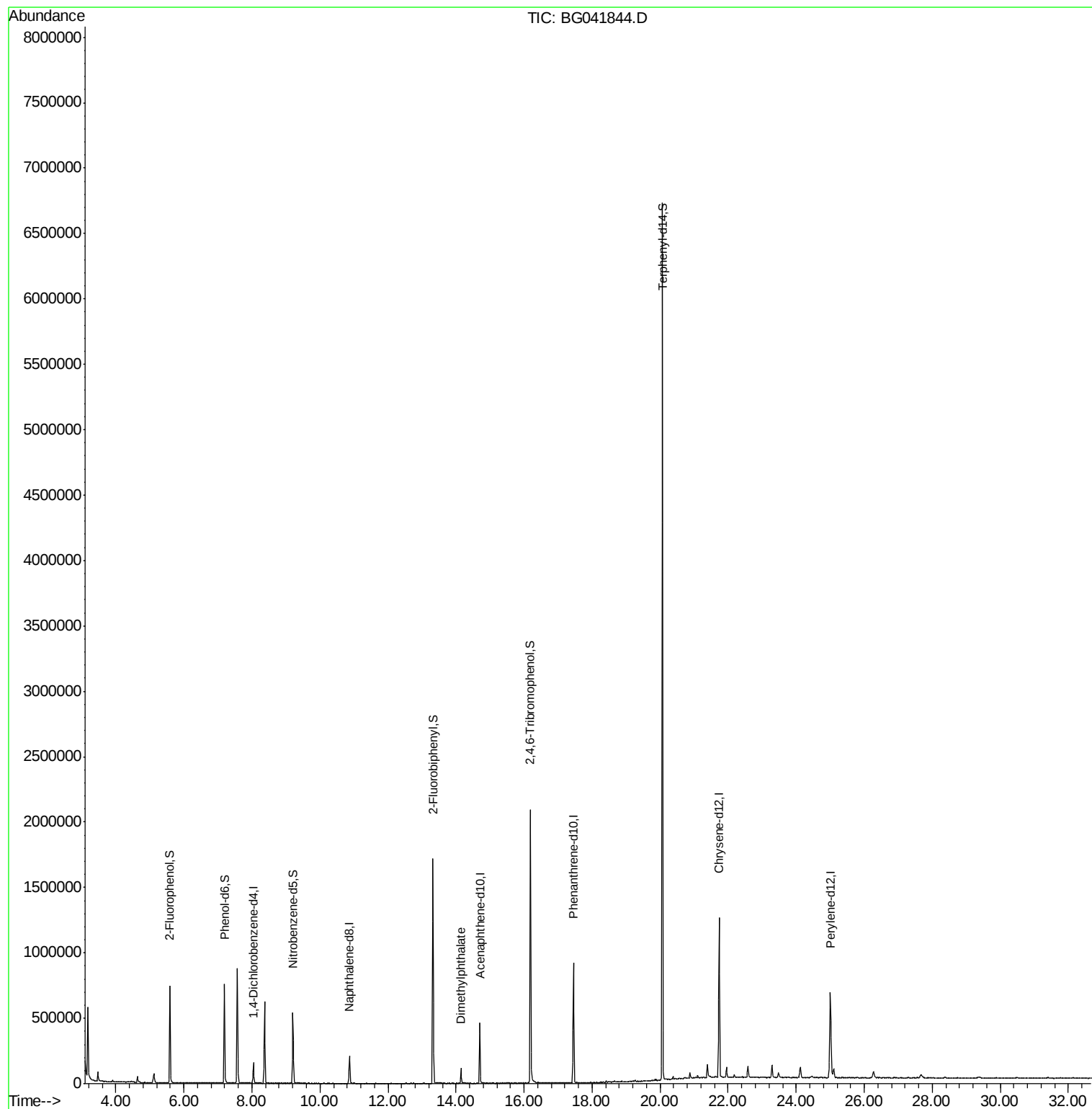
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47624	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	201875	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	177762	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	597274	20.00	ng	0.00
76) Chrysene-d12	21.73	240	747368	20.00	ng	0.00
87) Perylene-d12	25.00	264	766842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	352023	143.81	ng	0.00
7) Phenol-d6	7.19	99	457866	138.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	328794	112.08	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	457409	226.54	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	974710	96.71	ng	0.00
79) Terphenyl-d14	20.07	244	2908755	89.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	87982	7.247	ng	Qvalue # 95

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

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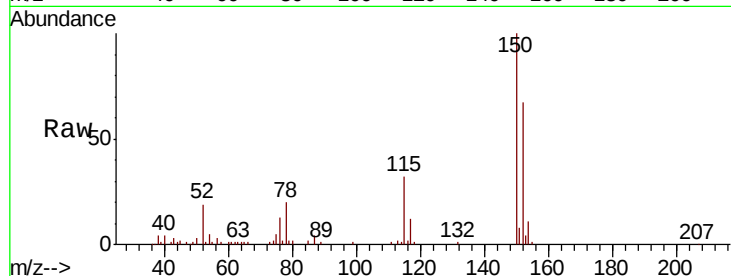


#1

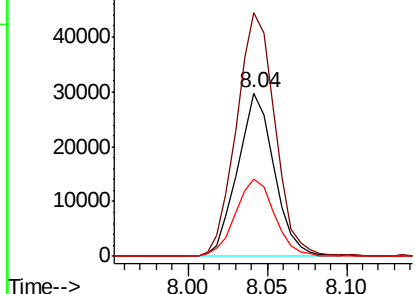
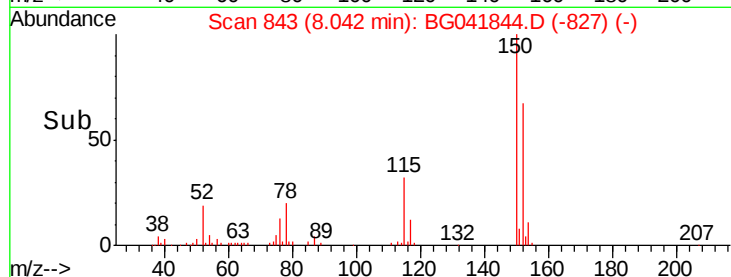
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041844.D
Acq: 31 Jul 2019 22:02

Instrument :
BNA_G
ClientSampleId :
TP-8-A

Tot Ion:152 Resp: 47624
Ion Ratio Lower Upper
152 100
150 149.4 126.9 190.3
115 47.2 45.0 67.6



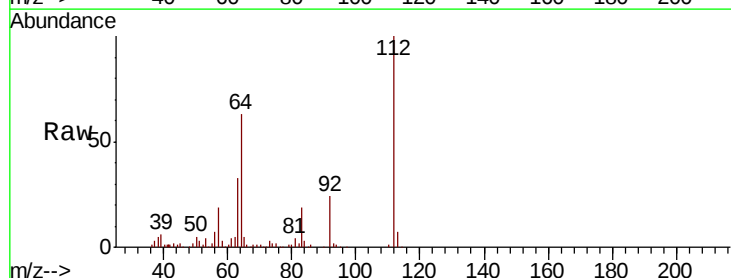
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



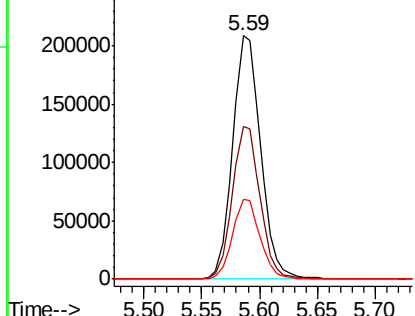
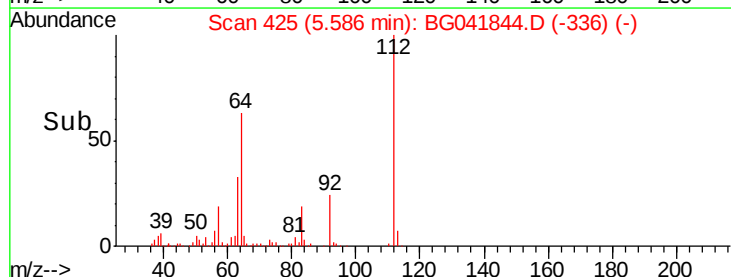
#5

2-Fluorophenol
Concen: 143.815 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041844.D
Acq: 31 Jul 2019 22:02

Tgt Ion:112 Resp: 352023
Ion Ratio Lower Upper
112 100
64 62.7 55.4 83.2
63 32.8 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: 138.749 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041844.D

Acq: 31 Jul 2019 22:02

Instrument :

BNA_G

ClientSampleId :

TP-8-A

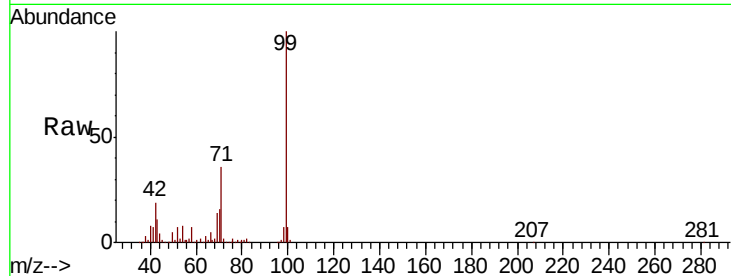
Tot Ion: 99 Resp: 457866

Ion Ratio Lower Upper

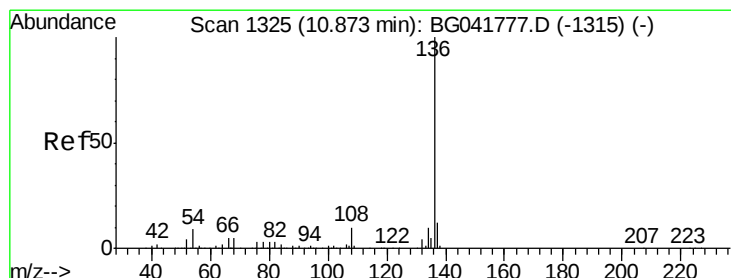
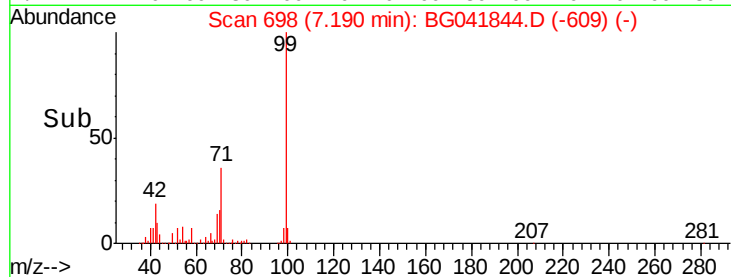
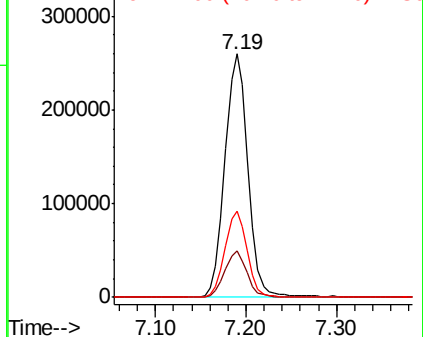
99 100

42 19.0 17.6 26.4

71 35.6 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. -0.00 min

Lab File: BG041844.D

Acq: 31 Jul 2019 22:02

Tgt Ion: 136 Resp: 201875

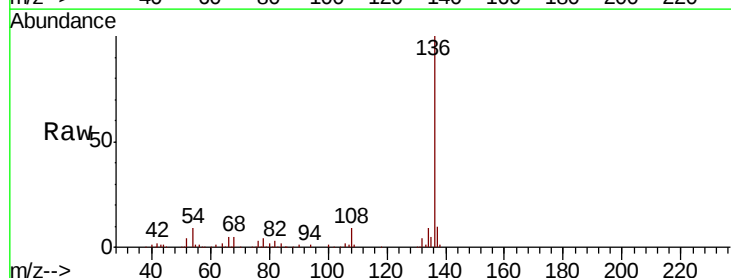
Ion Ratio Lower Upper

136 100

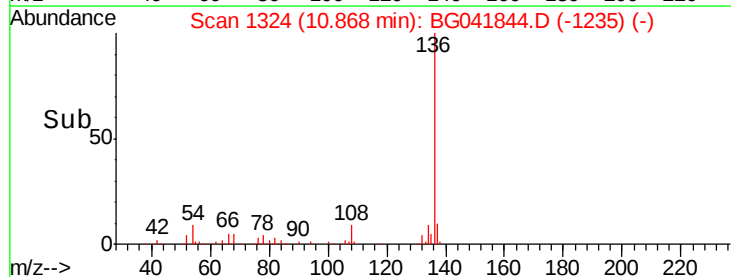
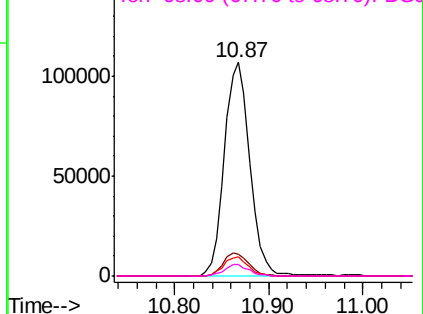
137 10.5 9.2 13.8

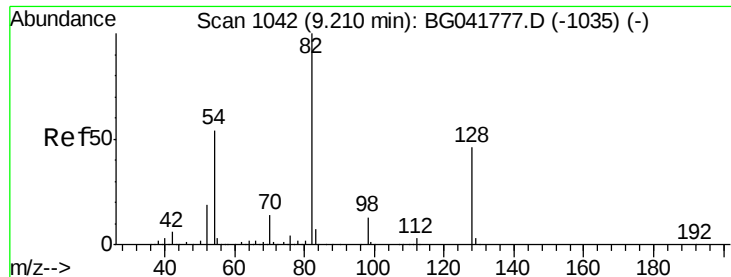
54 8.7 8.7 13.1

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: 112.081 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG041844.D

Acq: 31 Jul 2019 22:02

Instrument :

BNA_G

ClientSampled :

TP-8-A

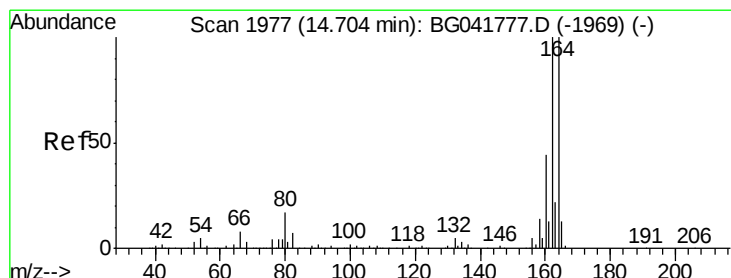
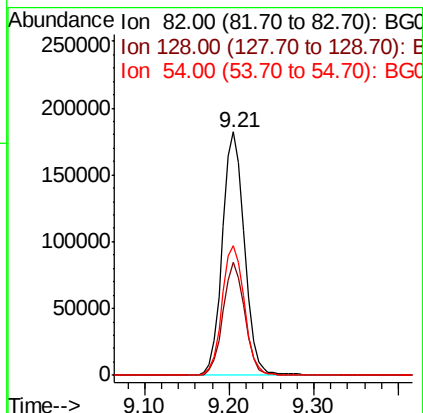
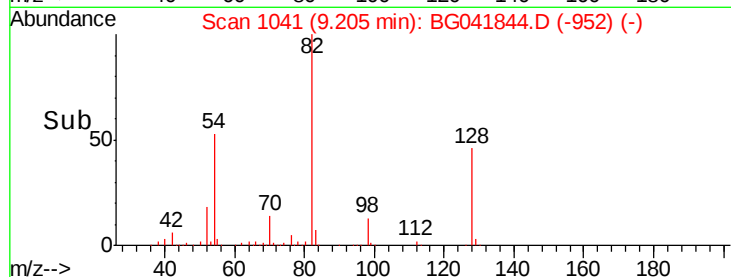
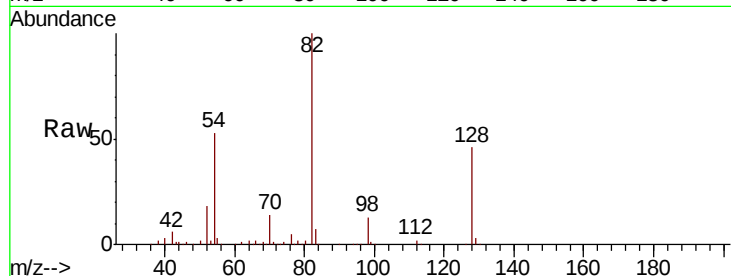
Tot Ion: 82 Resp: 328794

Ion Ratio Lower Upper

82 100

128 46.5 35.1 52.7

54 53.3 48.7 73.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041844.D

Acq: 31 Jul 2019 22:02

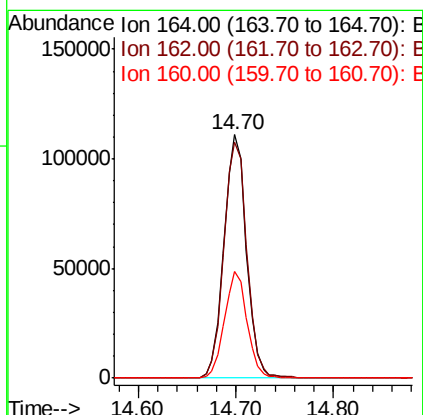
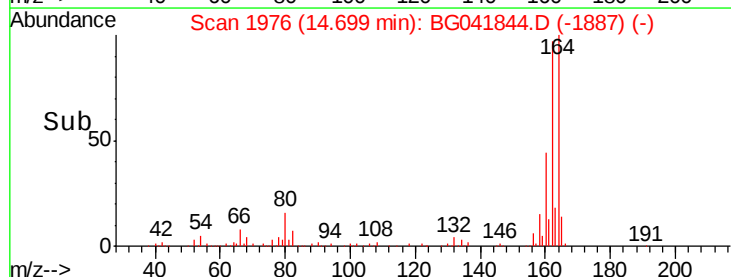
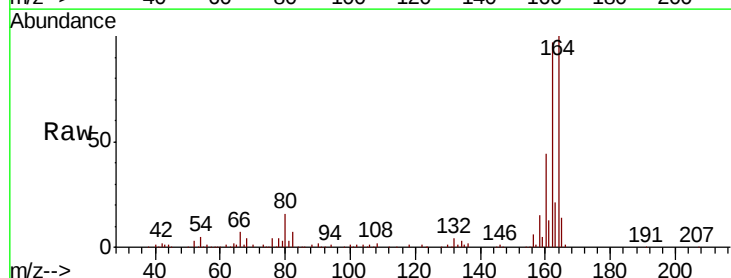
Tgt Ion: 164 Resp: 177762

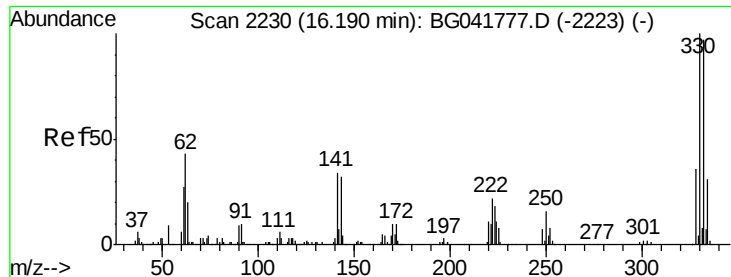
Ion Ratio Lower Upper

164 100

162 96.8 79.6 119.4

160 43.9 35.4 53.0

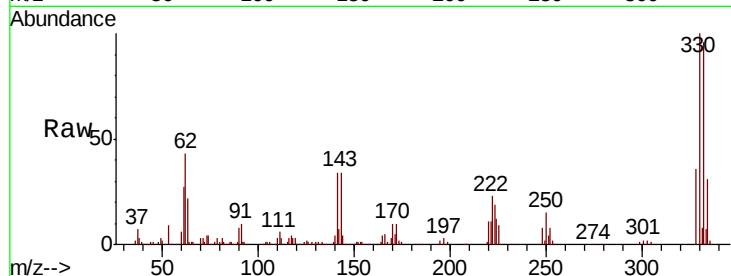




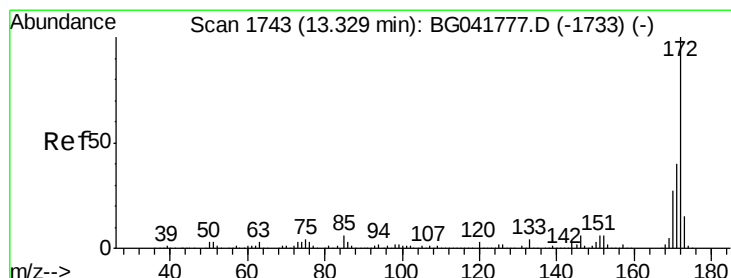
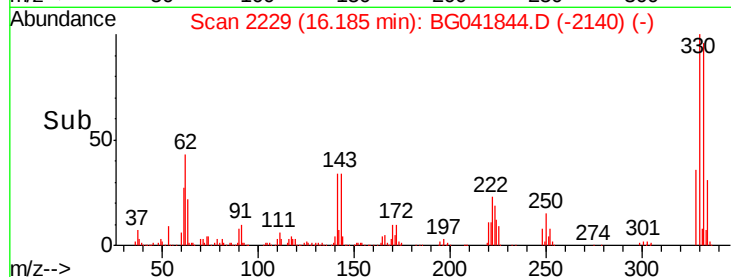
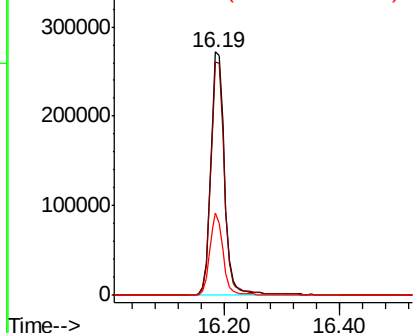
#42
 2,4,6-Tribromophenol
 Concen: 226.537 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041844.D
 Acq: 31 Jul 2019 22:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-A

Tot Ion:330 Resp: 457409
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.0
 141 32.3 31.9 47.9

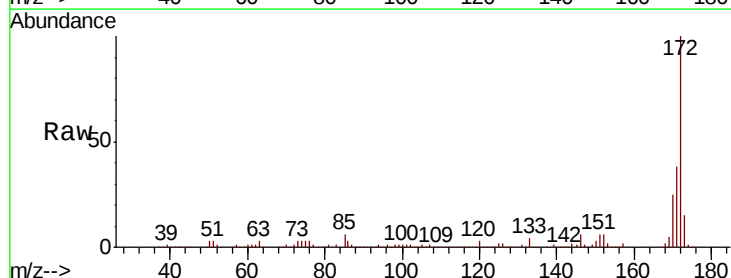


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

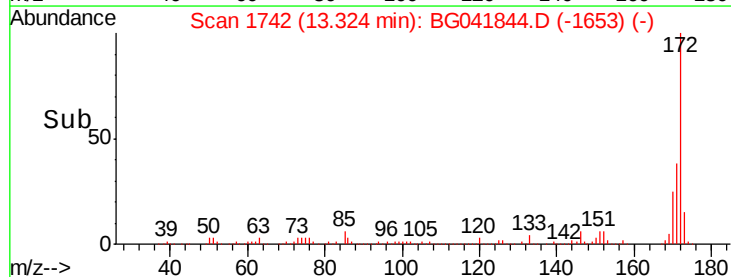
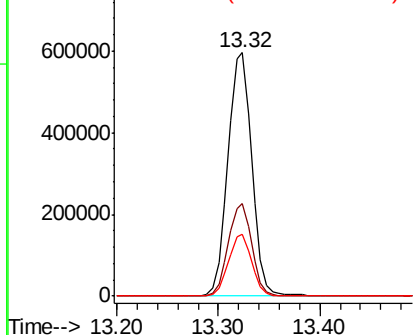


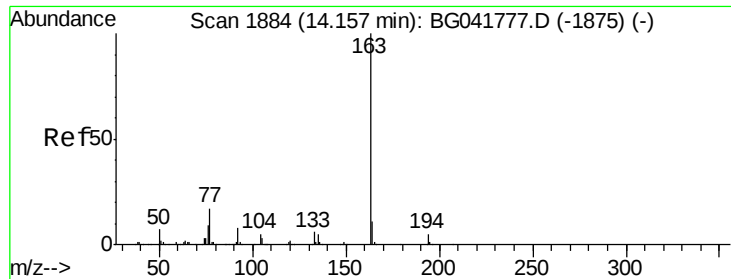
#45
 2-Fluorobiphenyl
 Concen: 96.709 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG041844.D
 Acq: 31 Jul 2019 22:02

Tgt Ion:172 Resp: 974710
 Ion Ratio Lower Upper
 172 100
 171 38.2 35.0 52.4
 170 25.2 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

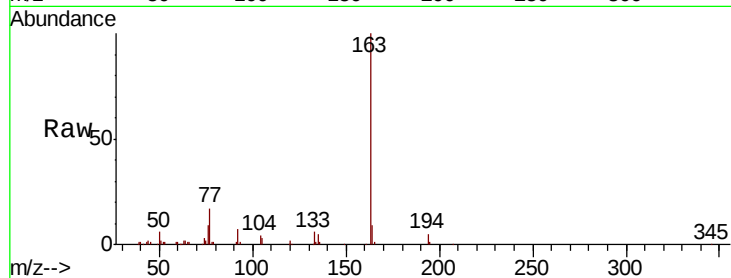




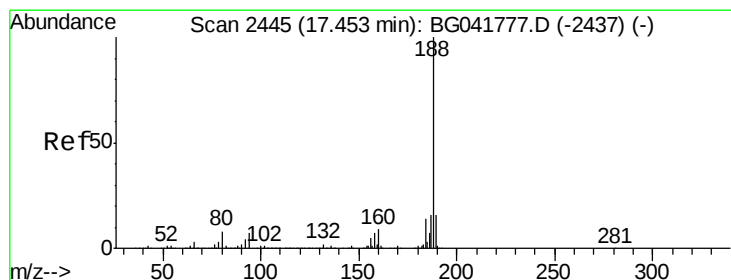
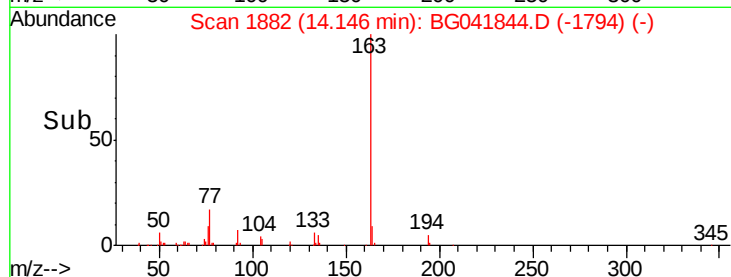
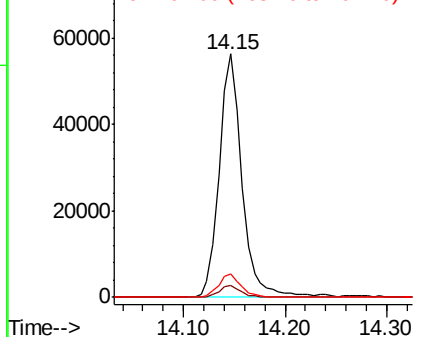
#50
Dimethylphthalate
Concen: 7.247 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041844.D
Acq: 31 Jul 2019 22:02

Instrument :
BNA_G
ClientSampleId :
TP-8-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.2	6.2
164	9.4	9.4	14.2#

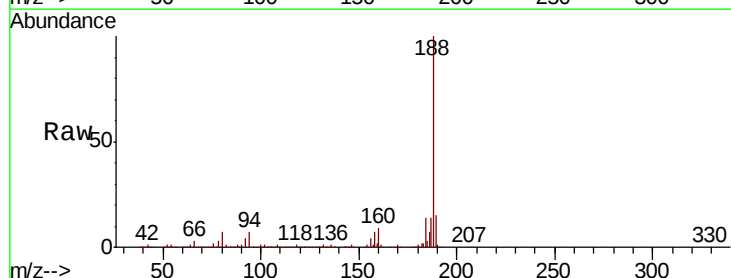


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

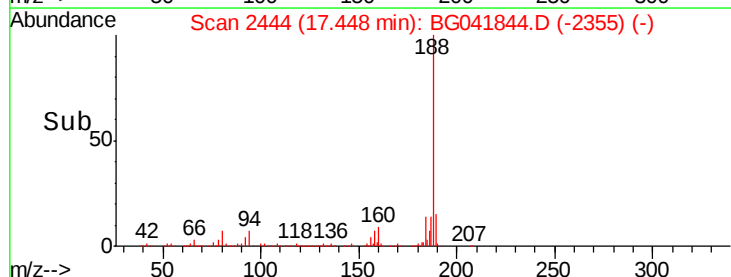
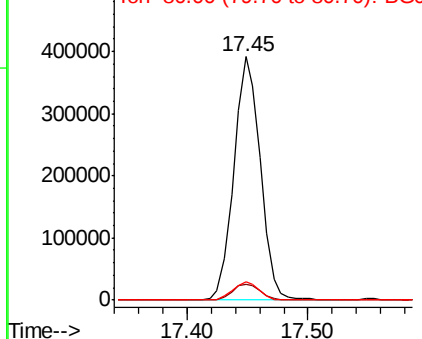


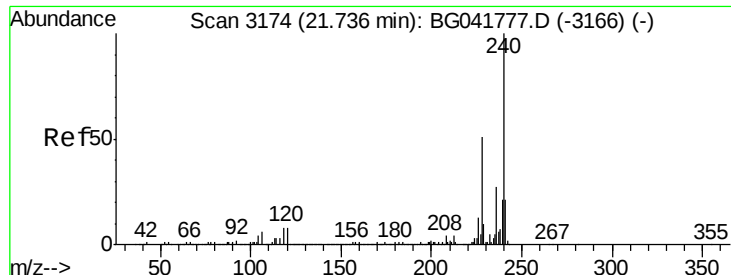
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041844.D
Acq: 31 Jul 2019 22:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.5	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

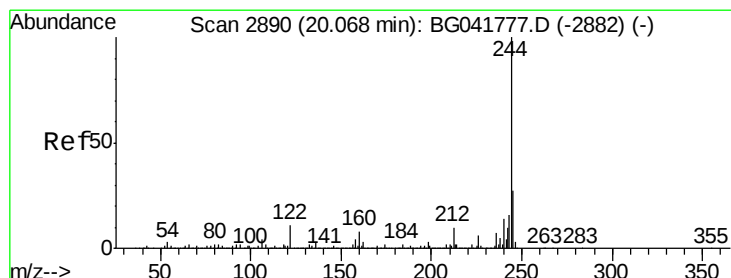
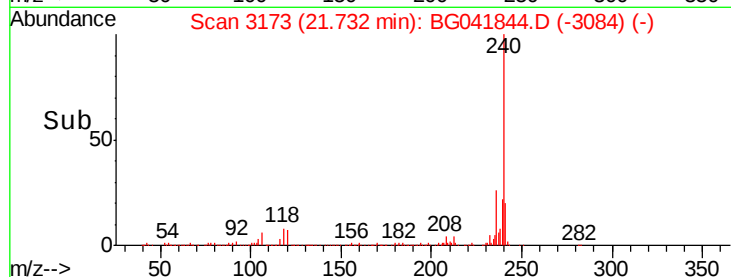
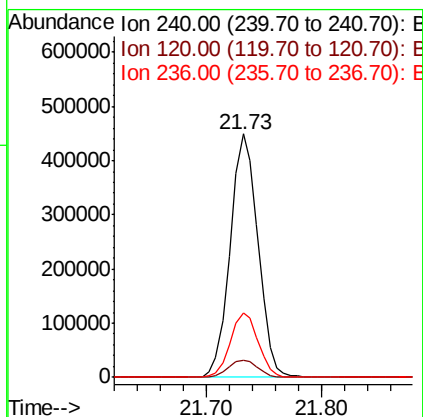
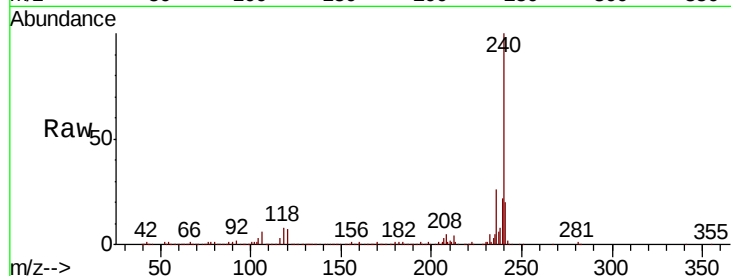




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BG041844.D
 Acq: 31 Jul 2019 22:02

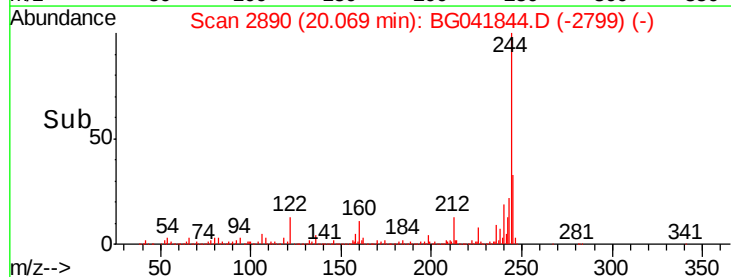
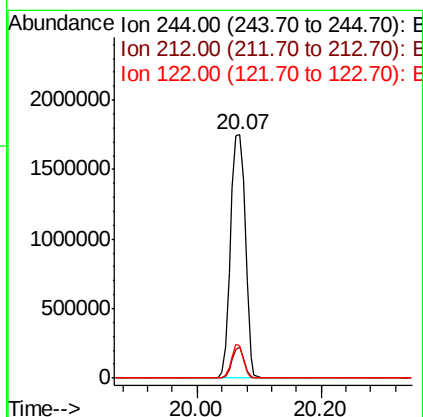
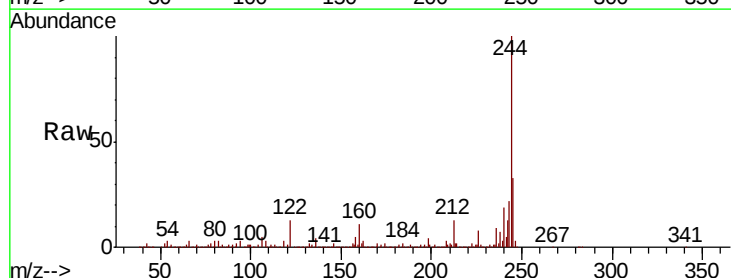
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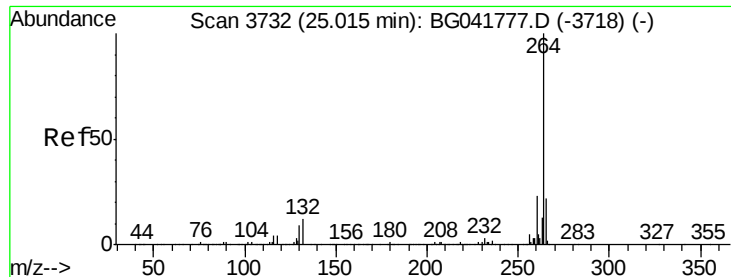
Tot Ion:240 Resp: 747368
 Ion Ratio Lower Upper
 240 100
 120 7.2 8.0 12.0#
 236 26.4 22.6 33.8



#79
 Terphenyl-d14
 Concen: 89.059 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041844.D
 Acq: 31 Jul 2019 22:02

Tgt Ion:244 Resp: 2908755
 Ion Ratio Lower Upper
 244 100
 212 12.6 9.7 14.5
 122 13.3 12.5 18.7

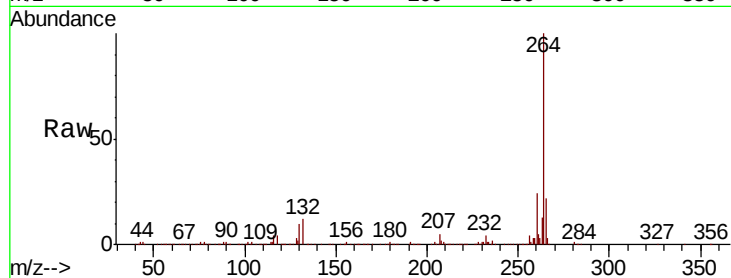




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041844.D
 Acq: 31 Jul 2019 22:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.1	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

