

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041723.D
 Acq On : 18 Jul 2019 23:34
 Operator : HP/JU
 Sample : K3834-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Quant Time: Jul 19 09:18:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

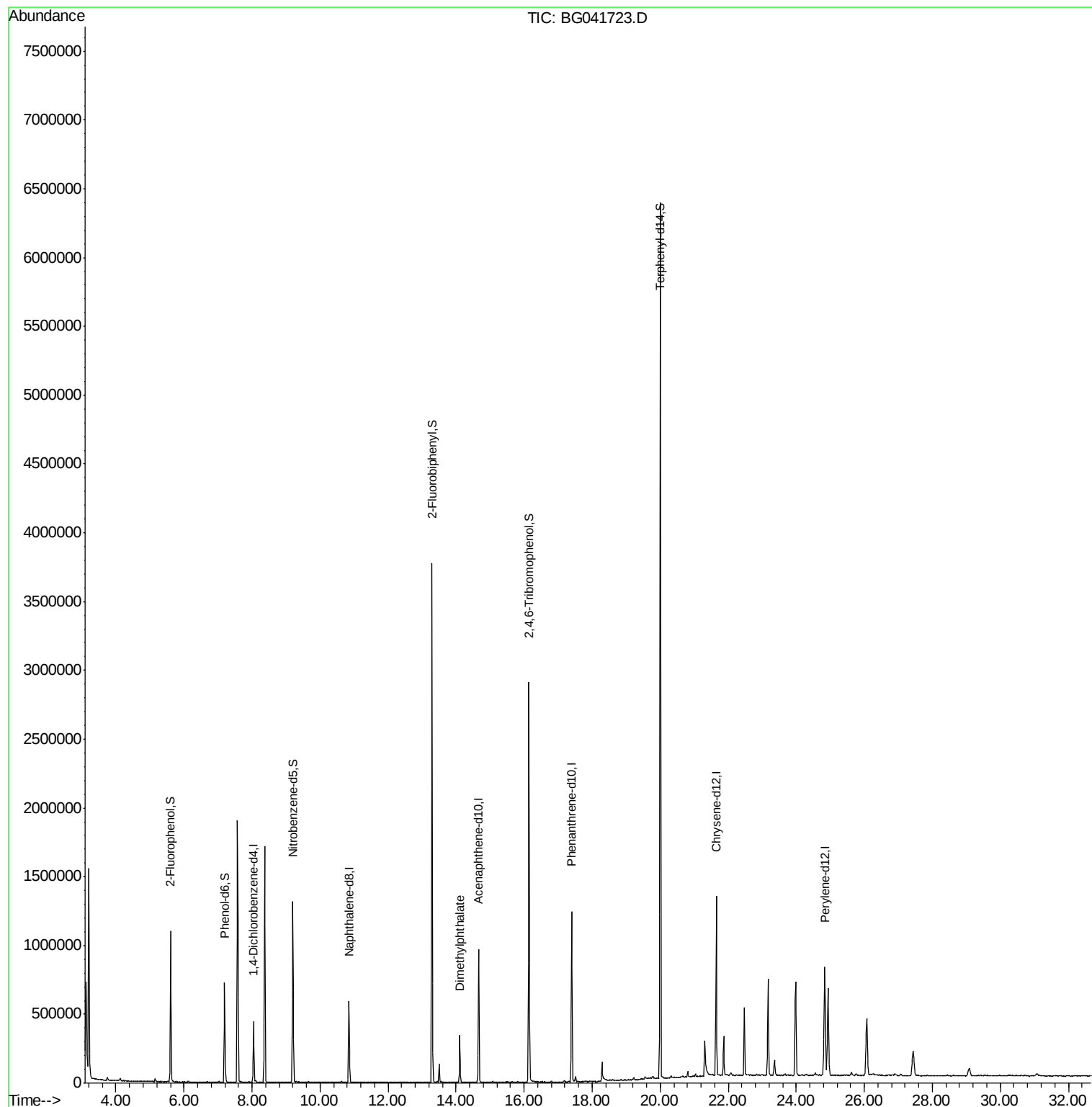
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	128569	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	521698	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	330631	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	785357	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	748756	20.00	ng	-0.01
87) Perylene-d12	24.83	264	845958	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	475074	60.41	ng	0.00
7) Phenol-d6	7.19	99	421163	39.81	ng	0.00
23) Nitrobenzene-d5	9.20	82	804001	93.72	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	533610	143.21	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1864860	87.34	ng	0.00
79) Terphenyl-d14	20.00	244	2615479	81.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	230505	8.877	ng	Qvalue 96

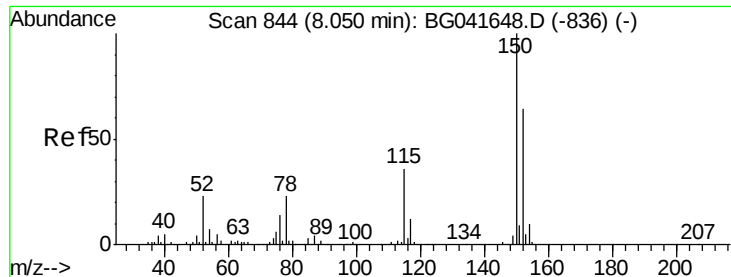
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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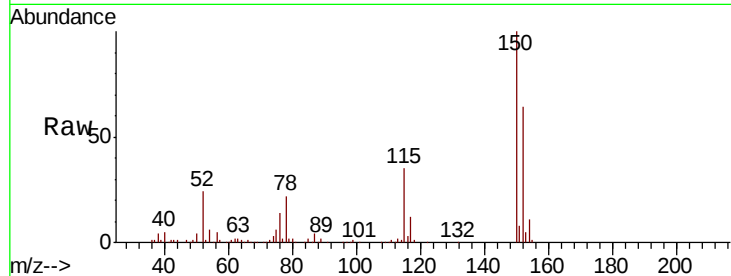


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Instrument :
BNA_G
ClientSampleId :
TW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.9	190.3
115	54.8	45.0	67.6

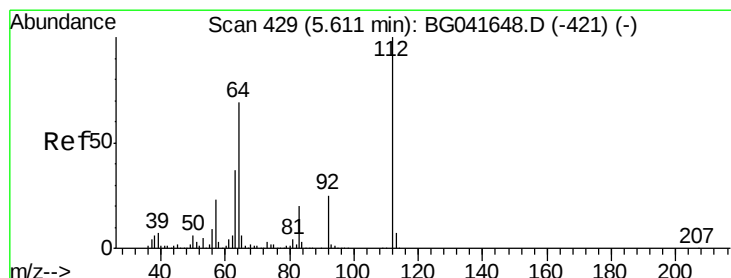
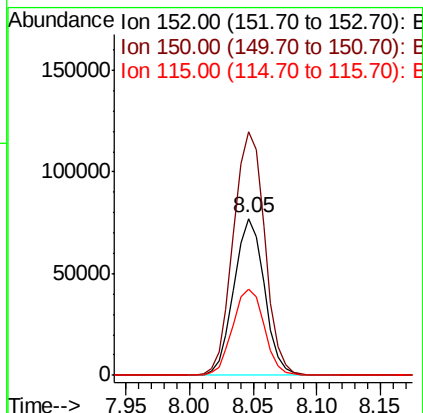
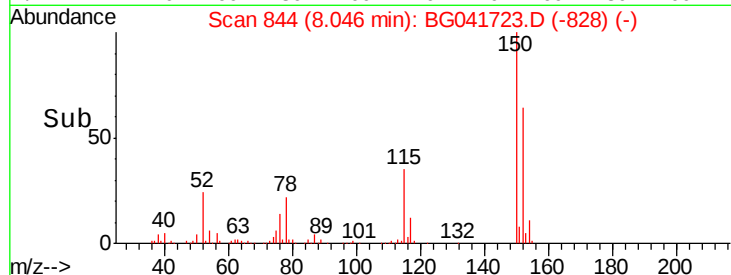


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

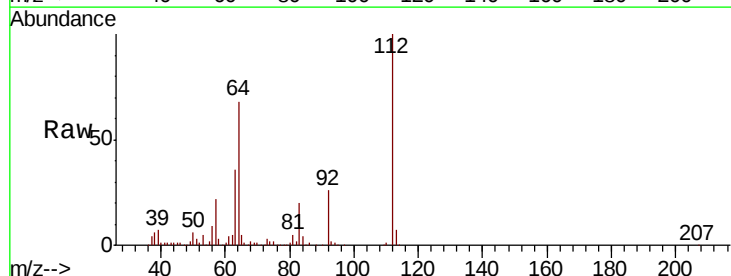
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.405 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	55.4	83.2
63	36.1	29.1	43.7

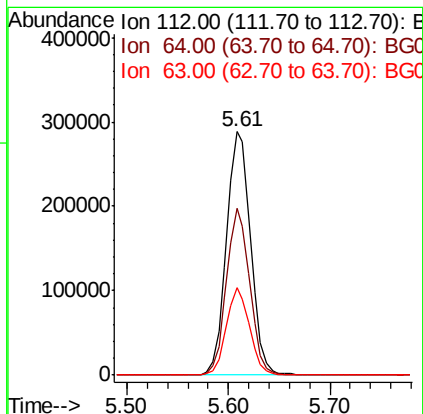
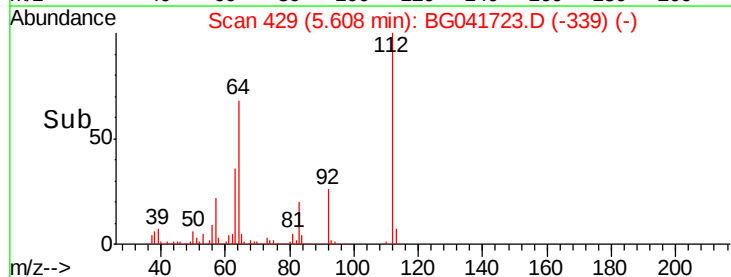


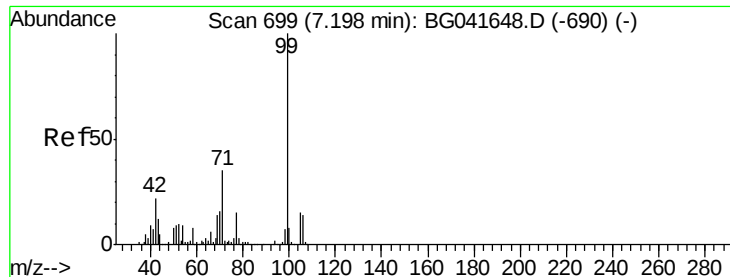
Abundance

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: 39.813 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

Instrument :

BNA_G

ClientSampleId :

TW-3

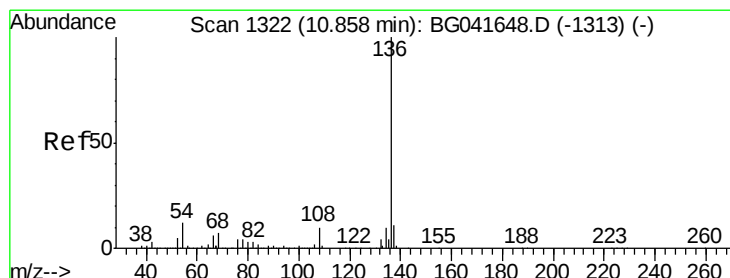
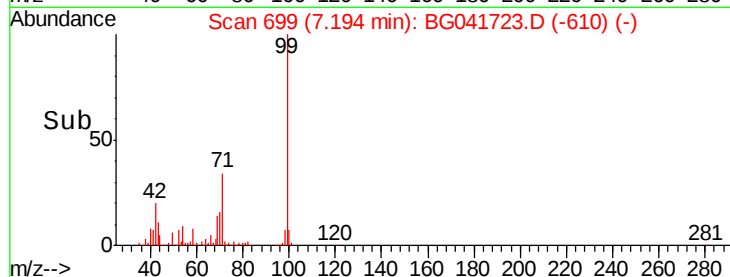
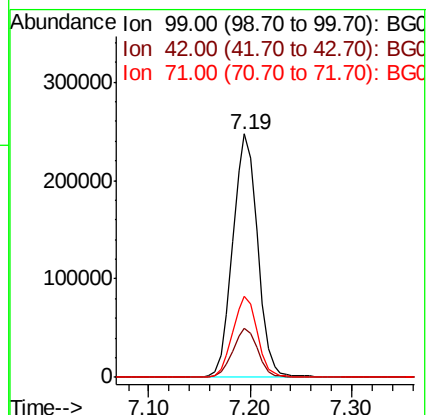
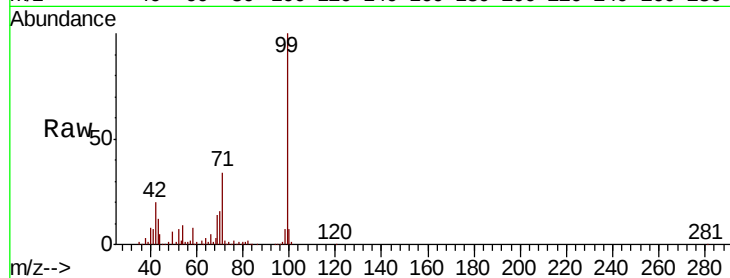
Tot Ion: 99 Resp: 421163

Ion Ratio Lower Upper

99 100

42 19.9 17.6 26.4

71 33.5 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

Tgt Ion: 136 Resp: 521698

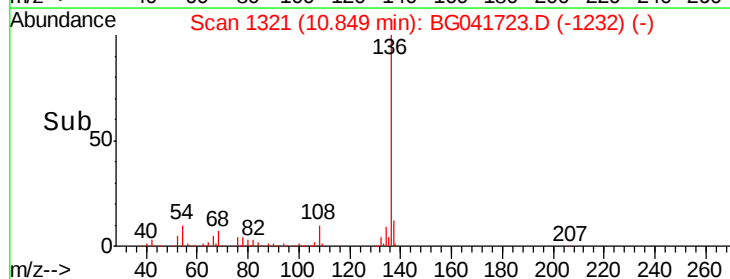
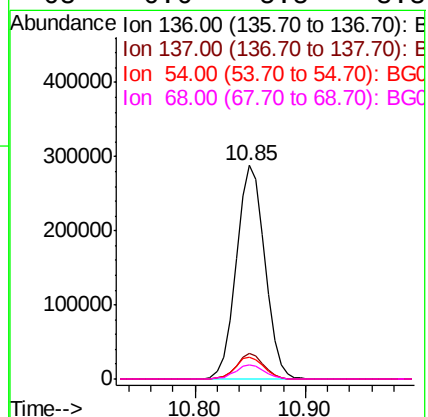
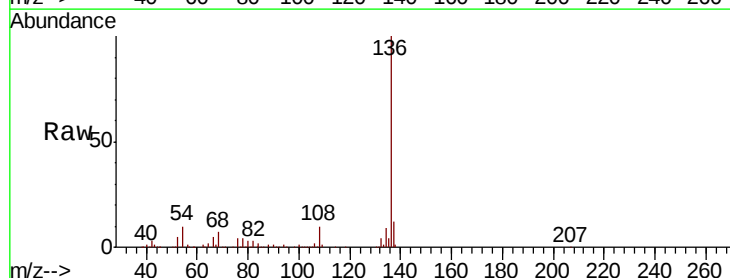
Ion Ratio Lower Upper

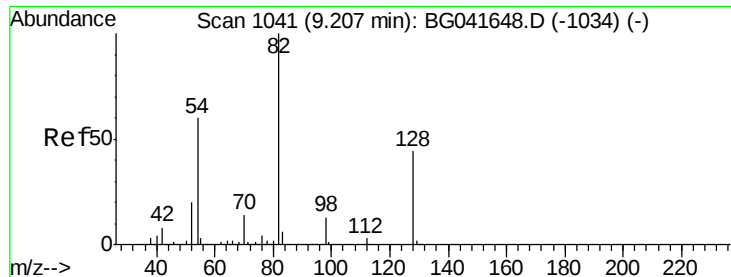
136 100

137 11.9 9.2 13.8

54 10.1 8.7 13.1

68 6.6 5.5 8.3

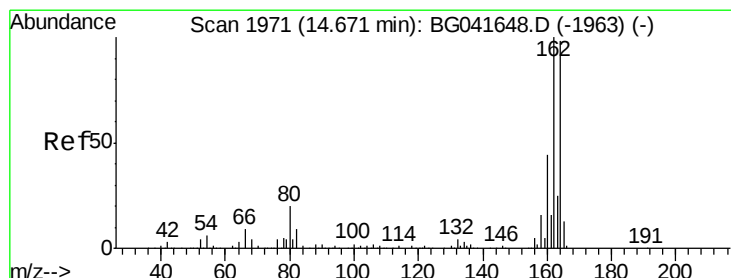
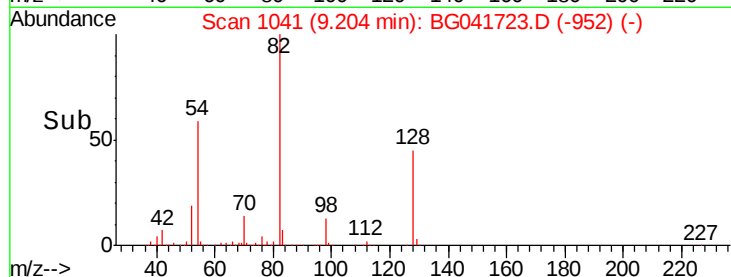
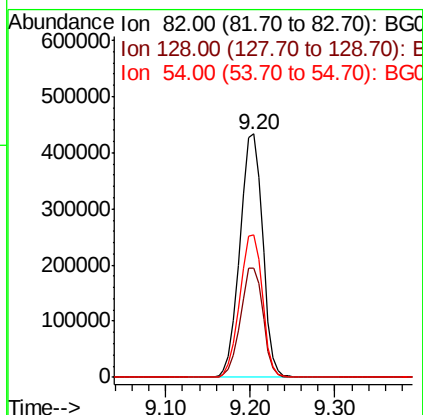
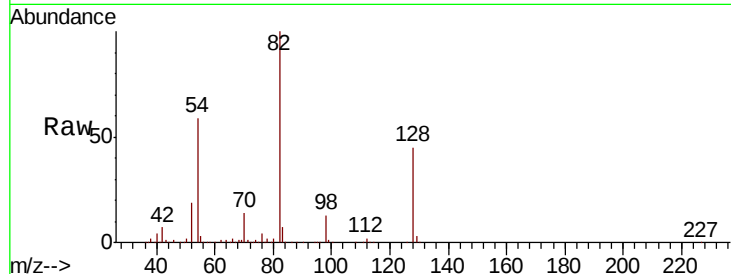




#23
Nitrobenzene-d5
Concen: 93.723 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

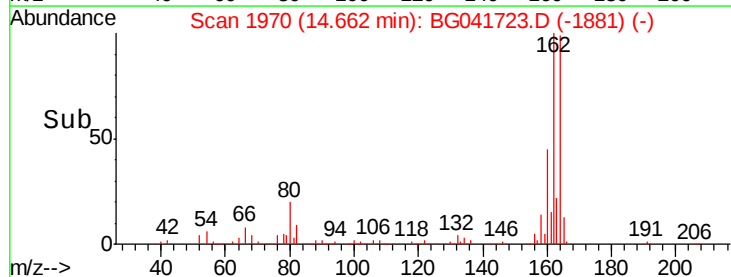
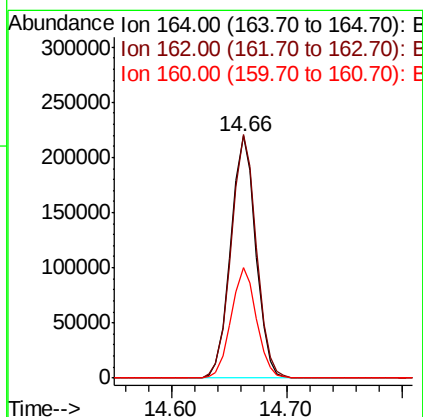
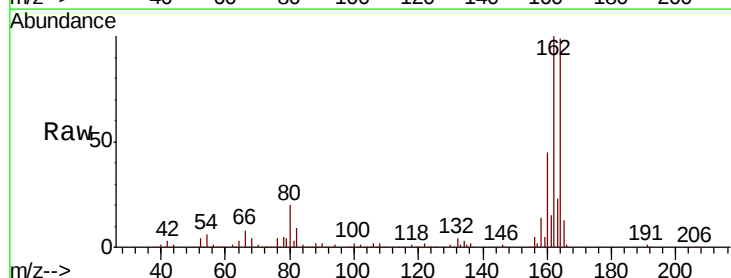
Instrument :
BNA_G
ClientSampled :
TW-3

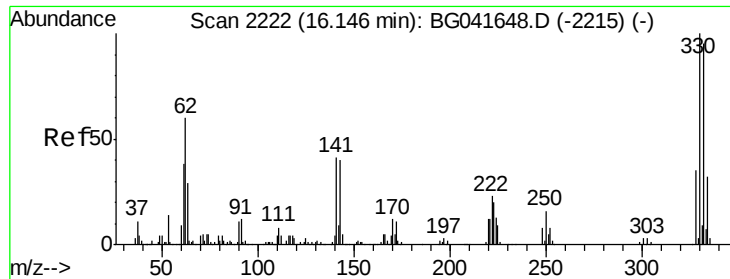
Tot Ion	82	Resp	804001
Ion Ratio	100	Lower	Upper
128	45.1	35.1	52.7
54	58.5	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Tgt Ion	164	Resp	330631
Ion Ratio	100	Lower	Upper
162	100.5	79.6	119.4
160	45.5	35.4	53.0

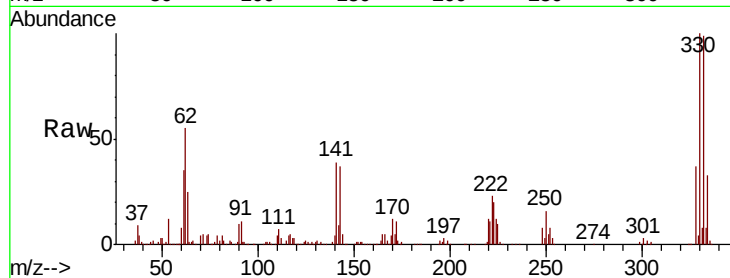




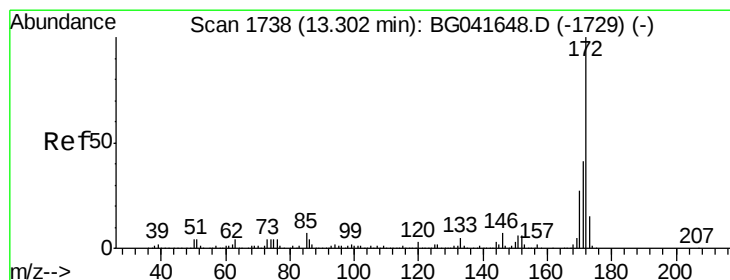
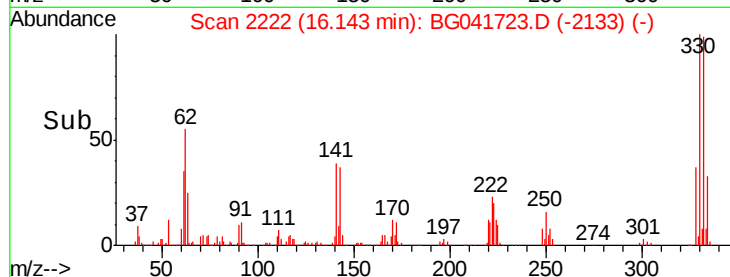
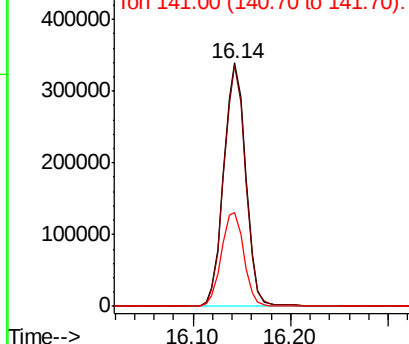
#42
 2,4,6-Tribromophenol
 Concen: 143.206 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041723.D
 Acq: 18 Jul 2019 23:34

Instrument :
 BNA_G
 ClientSampled :
 TW-3

Tot Ion:330 Resp: 533610
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.0
 141 39.4 31.9 47.9

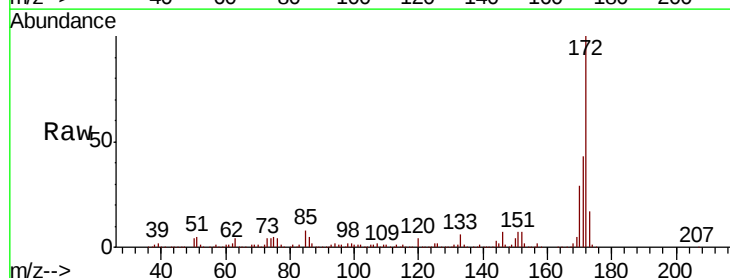


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

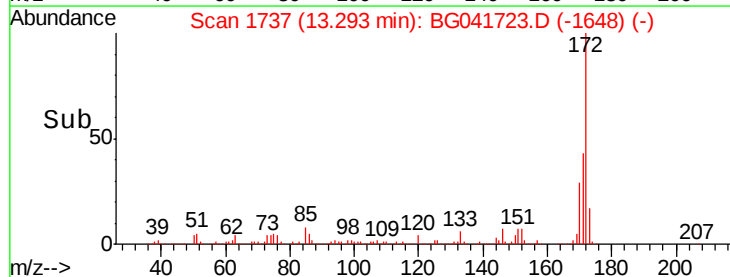
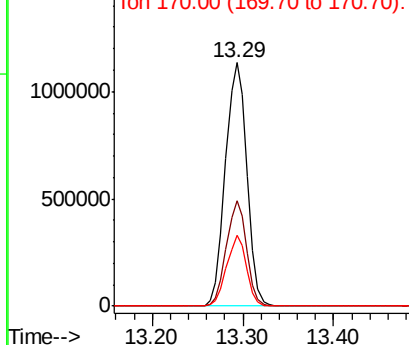


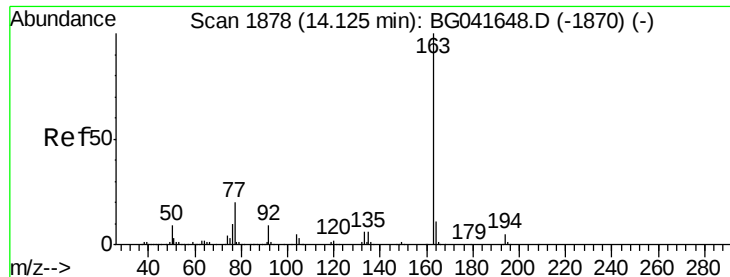
#45
 2-Fluorobiphenyl
 Concen: 87.340 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041723.D
 Acq: 18 Jul 2019 23:34

Tgt Ion:172 Resp: 1864860
 Ion Ratio Lower Upper
 172 100
 171 43.0 35.0 52.4
 170 28.9 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: 8.877 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

Instrument :

BNA_G

ClientSampleId :

TW-3

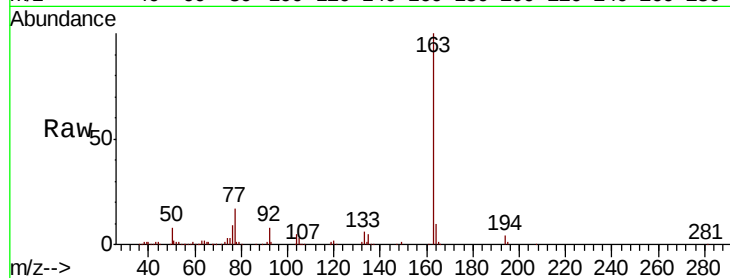
Tot Ion:163 Resp: 230505

Ion Ratio Lower Upper

163 100

194 4.4 4.2 6.2

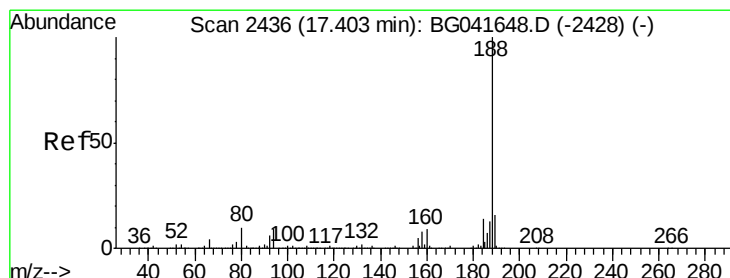
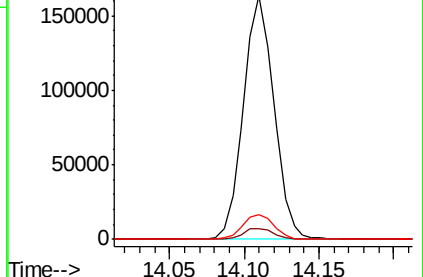
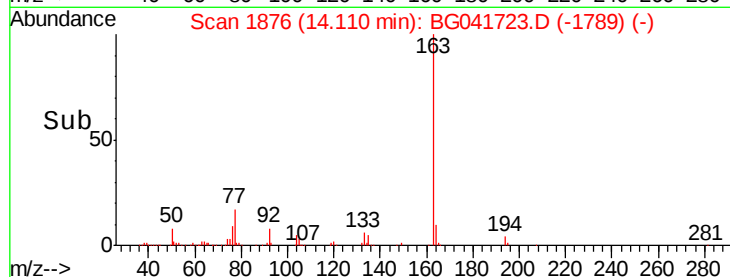
164 10.1 9.4 14.2



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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

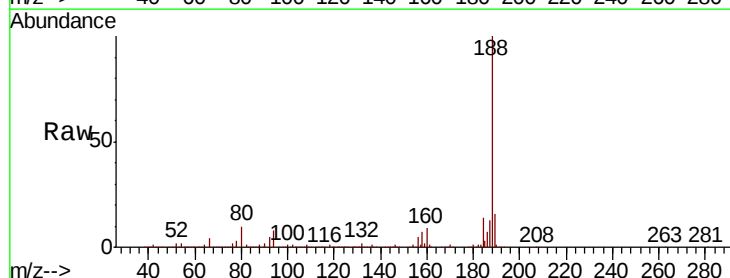
Tgt Ion:188 Resp: 785357

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

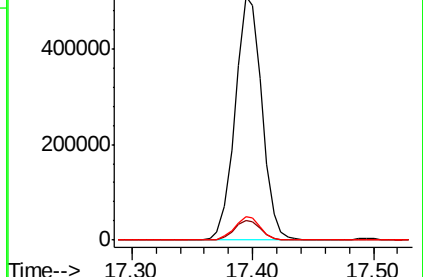
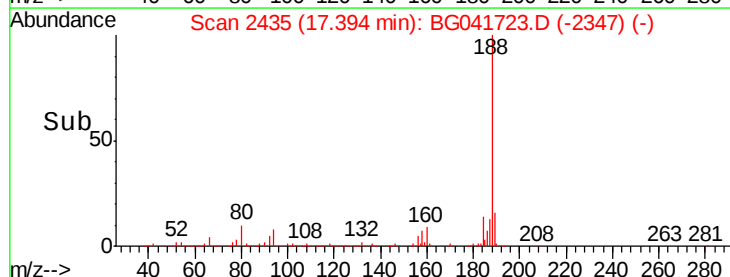
80 9.6 8.0 12.0

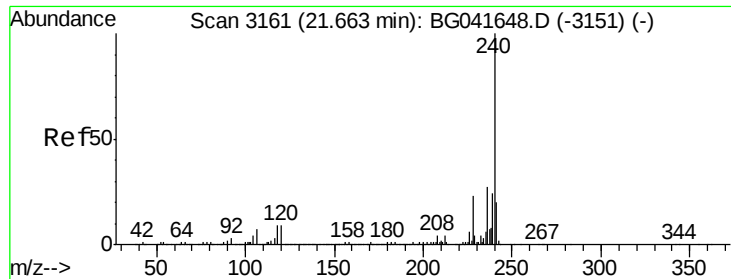


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

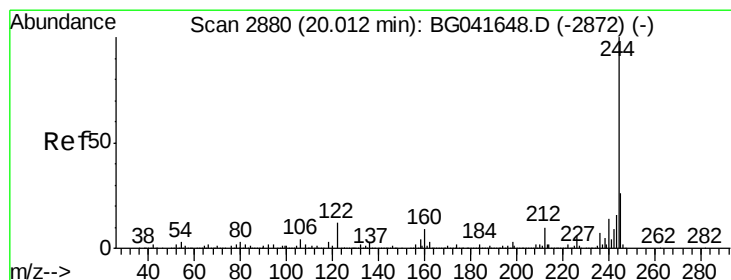
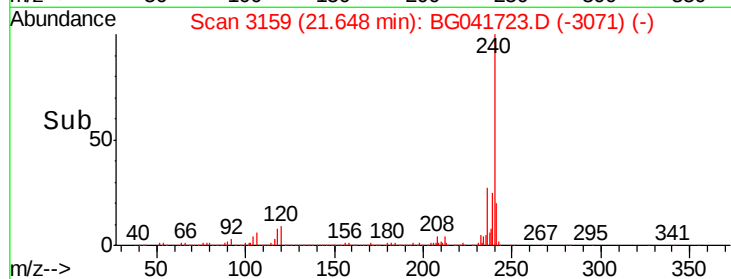
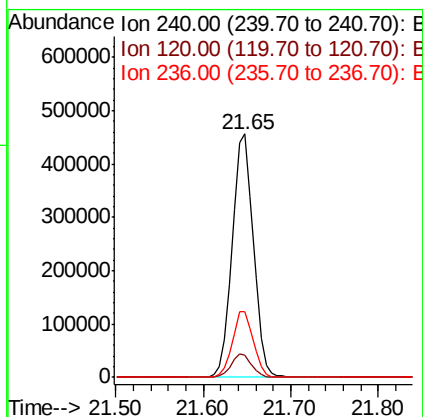
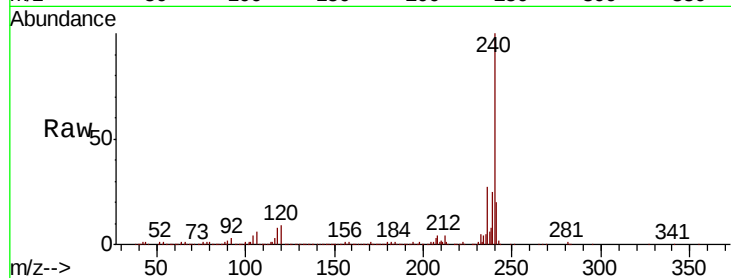




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041723.D
 Acq: 18 Jul 2019 23:34

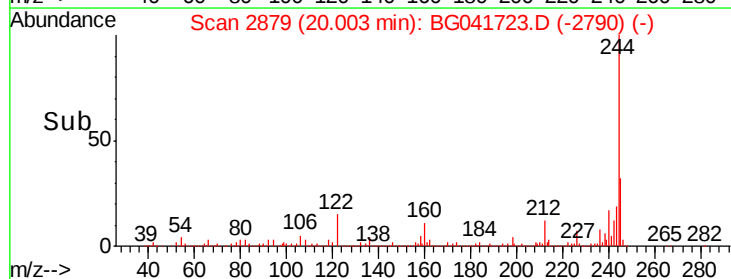
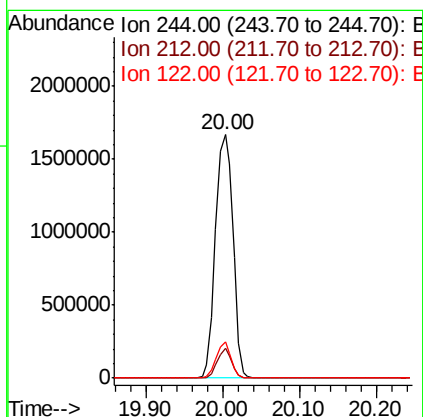
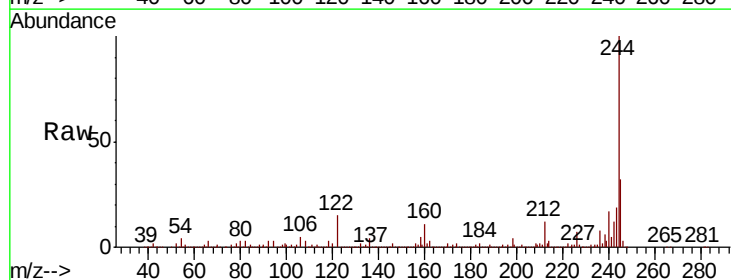
Instrument :
 BNA_G
 ClientSampleId :
 TW-3

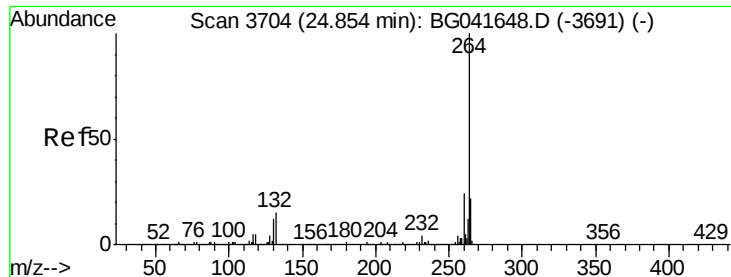
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.0	12.0
236	26.7	22.6	33.8



#79
 Terphenyl-d14
 Concen: 81.629 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041723.D
 Acq: 18 Jul 2019 23:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.3	9.7	14.5
122	15.0	12.5	18.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Instrument :
BNA_G
ClientSampleId :
TW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.6	18.0	27.0

