

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041709.D
 Acq On : 18 Jul 2019 14:35
 Operator : HP/JU
 Sample : K3835-44
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)

Quant Time: Jul 18 18:23:42 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

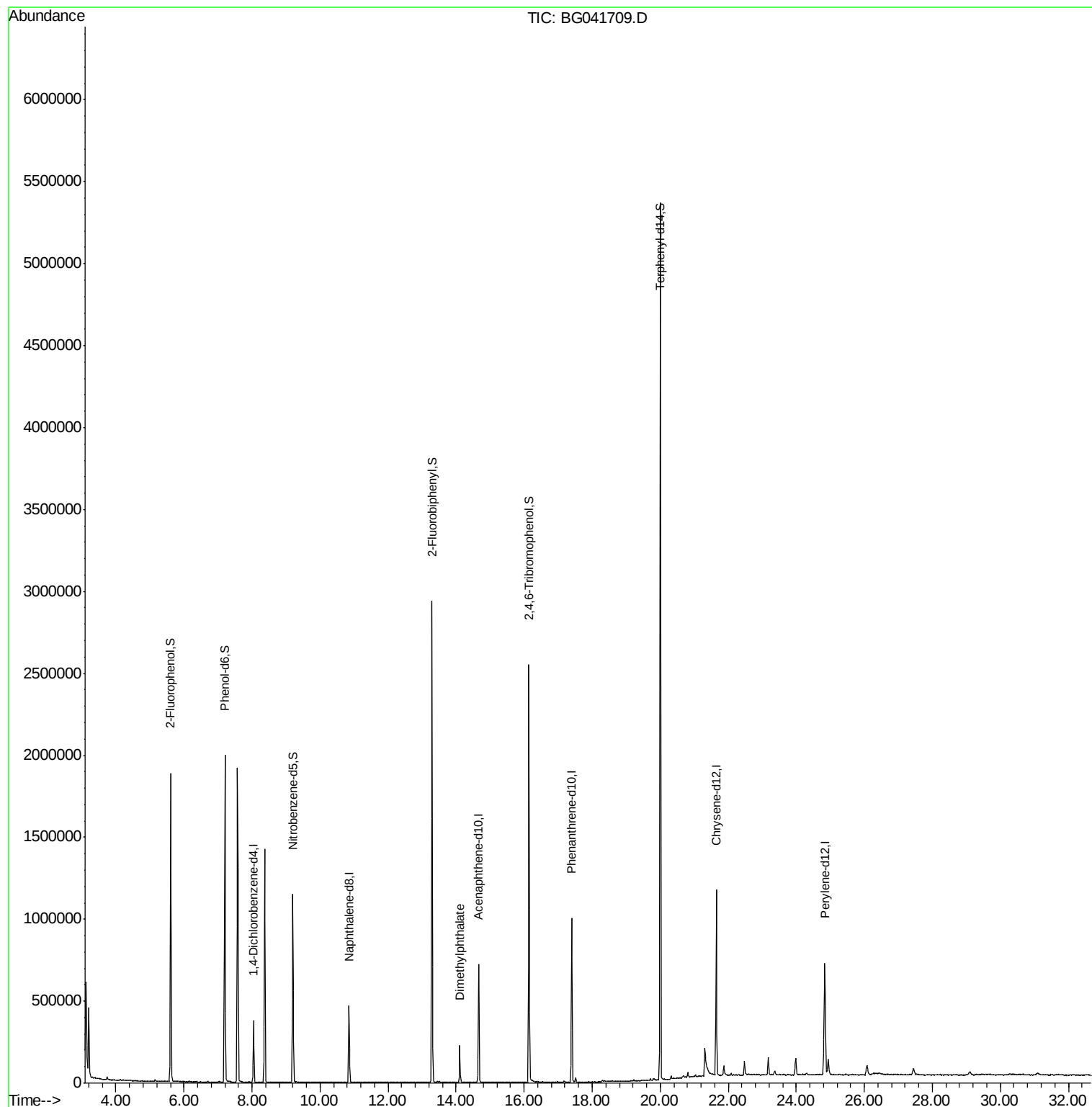
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106986	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	423284	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	262587	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	660833	20.00	ng	0.00
76) Chrysene-d12	21.65	240	649506	20.00	ng	-0.01
87) Perylene-d12	24.84	264	733115	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	815785	124.65	ng	0.00
7) Phenol-d6	7.20	99	1137156	129.18	ng	0.00
23) Nitrobenzene-d5	9.20	82	677013	97.27	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	454456	153.57	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1532378	90.37	ng	0.00
79) Terphenyl-d14	20.00	244	2309535	83.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	156388	7.583	ng	Qvalue 98

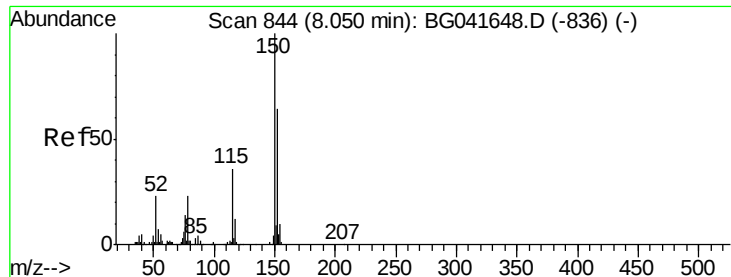
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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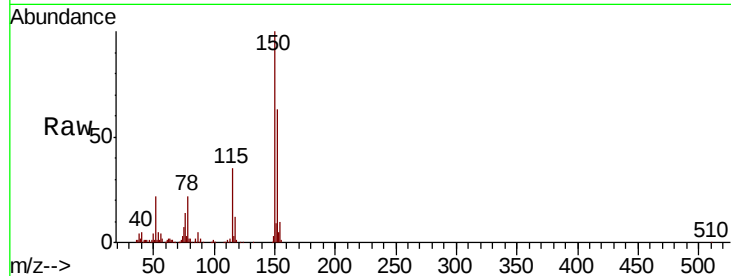


#1

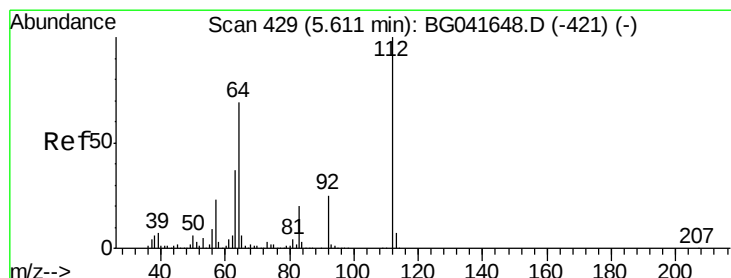
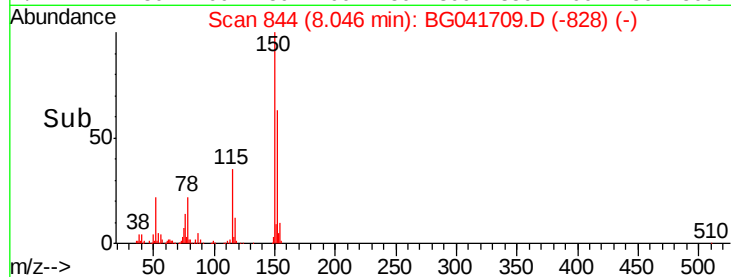
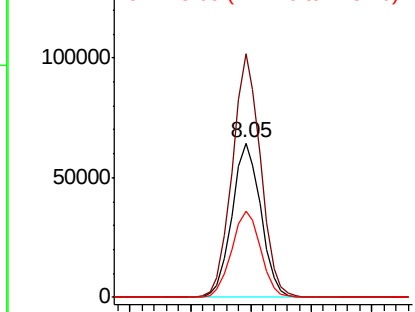
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041709.D
Acq: 18 Jul 2019 14:35

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.9	190.3
115	55.8	45.0	67.6



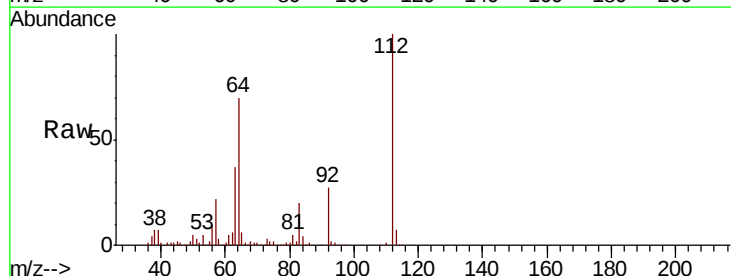
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



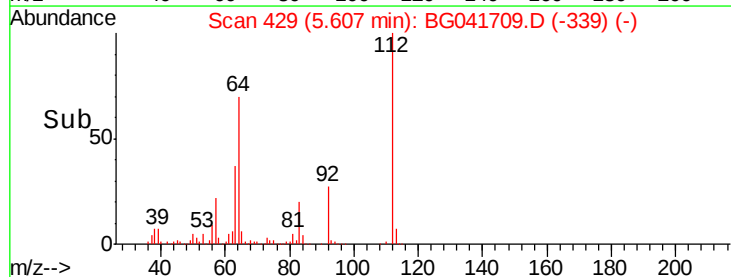
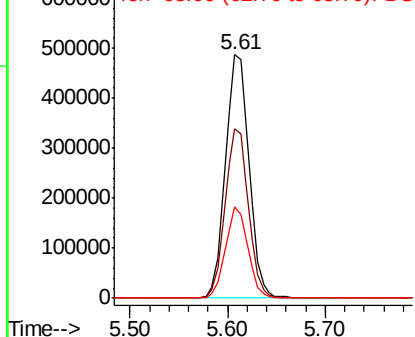
#5

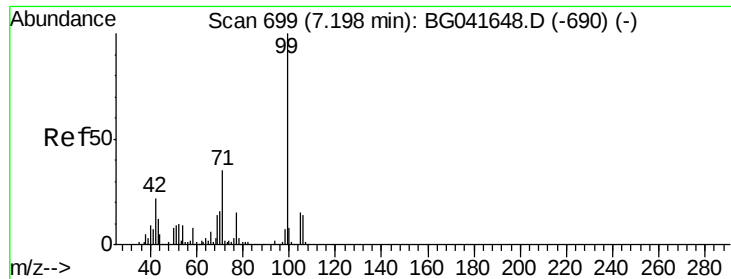
2-Fluorophenol
Concen: 124.652 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041709.D
Acq: 18 Jul 2019 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.4	83.2
63	37.4	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: 129.184 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041709.D

Acq: 18 Jul 2019 14:35

Instrument :

BNA_G

ClientSampleId :

SB-6(8-10)

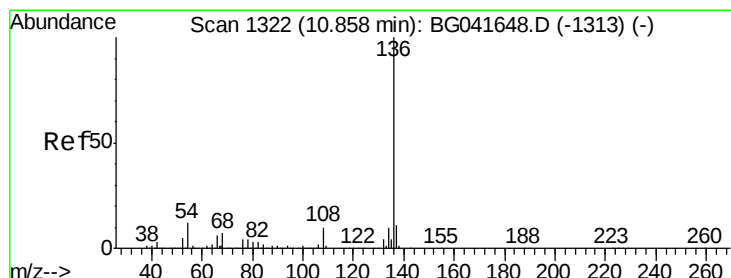
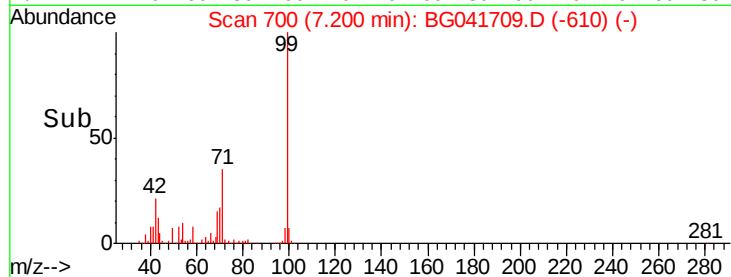
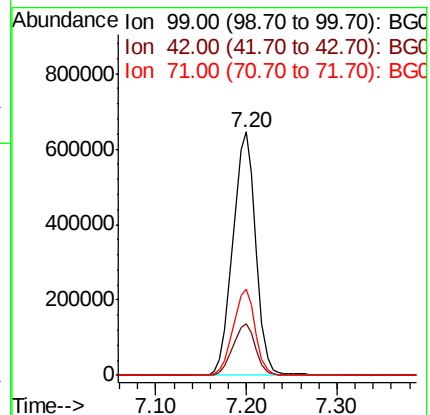
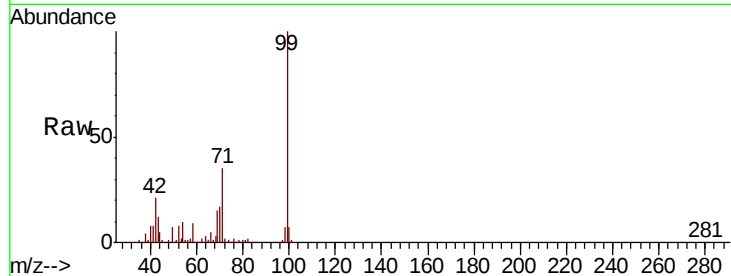
Tot Ion: 99 Resp: 1137156

Ion Ratio Lower Upper

99 100

42 21.2 17.6 26.4

71 35.3 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041709.D

Acq: 18 Jul 2019 14:35

Tgt Ion: 136 Resp: 423284

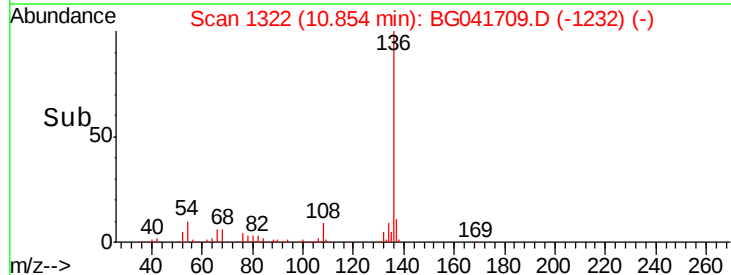
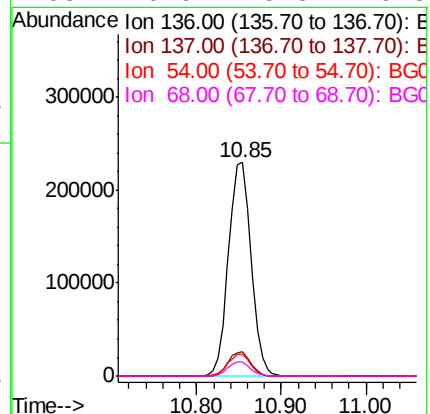
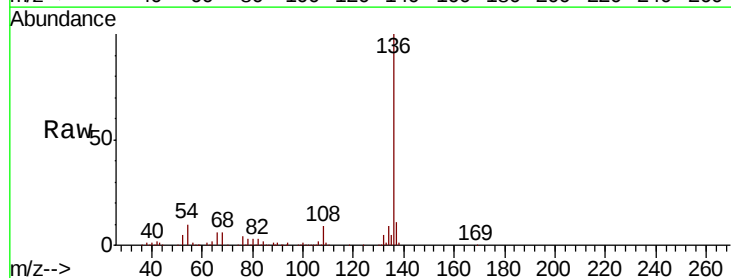
Ion Ratio Lower Upper

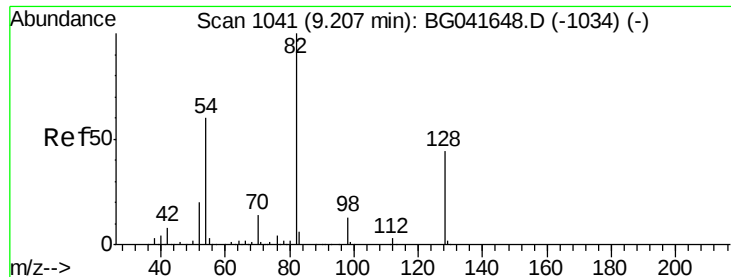
136 100

137 11.3 9.2 13.8

54 10.0 8.7 13.1

68 6.5 5.5 8.3

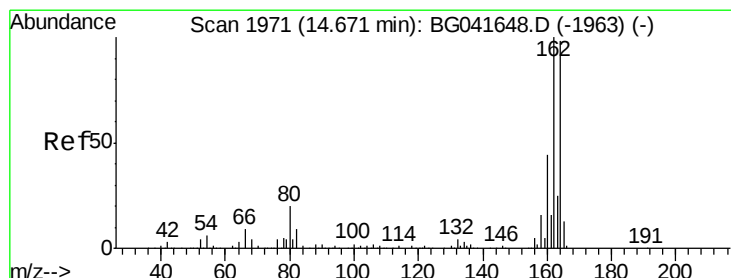
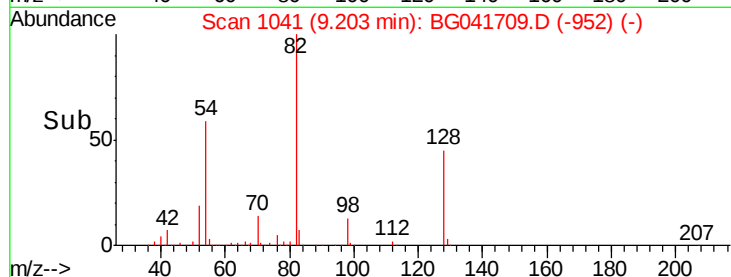
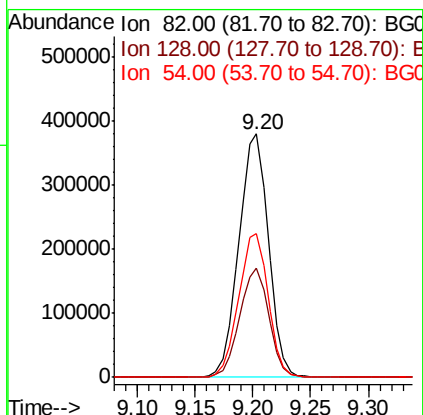
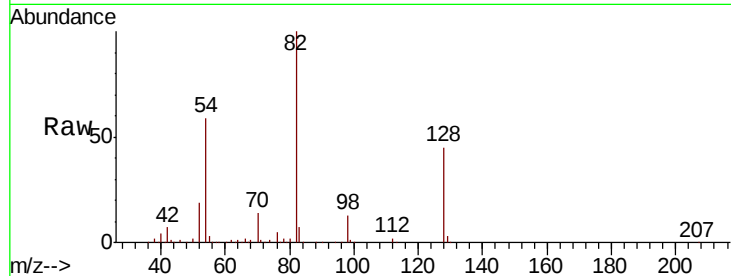




#23
 Nitrobenzene-d5
 Concen: 97.269 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041709.D
 Acq: 18 Jul 2019 14:35

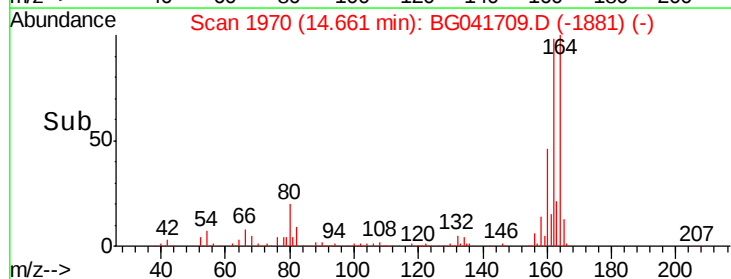
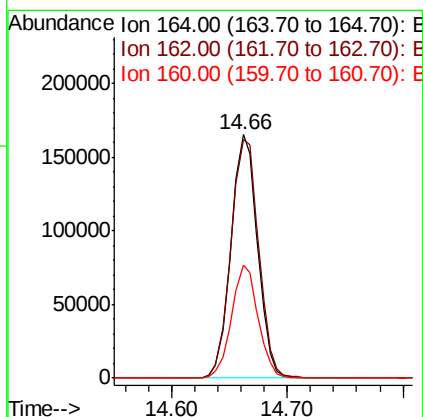
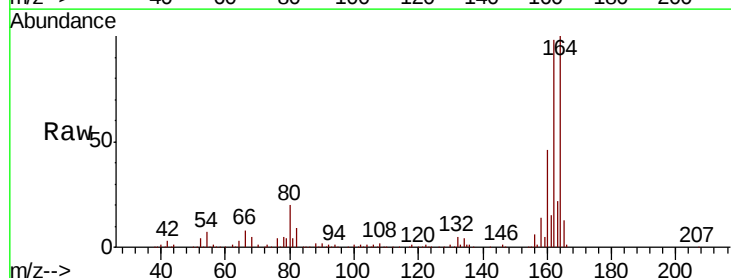
Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)

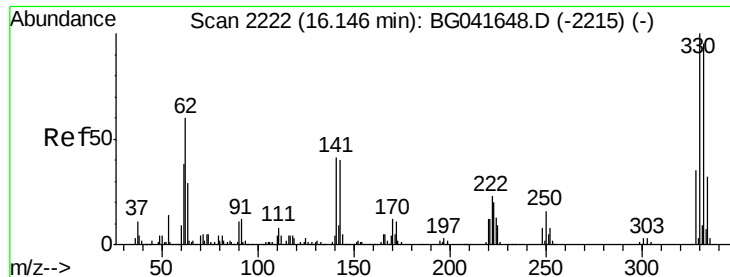
Tot Ion: 82 Resp: 677013
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.1 52.7
 54 59.2 48.7 73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041709.D
 Acq: 18 Jul 2019 14:35

Tgt Ion:164 Resp: 262587
 Ion Ratio Lower Upper
 164 100
 162 97.8 79.6 119.4
 160 46.4 35.4 53.0

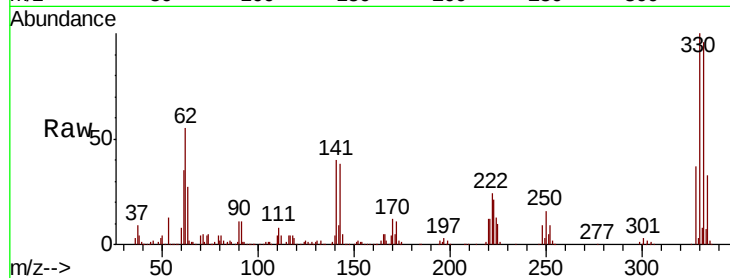




#42
 2,4,6-Tribromophenol
 Concen: 153.568 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041709.D
 Acq: 18 Jul 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	39.7	31.9	47.9

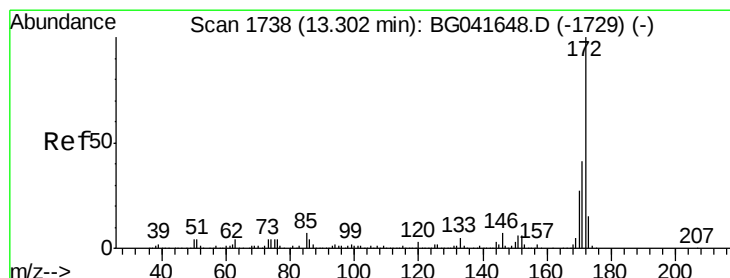
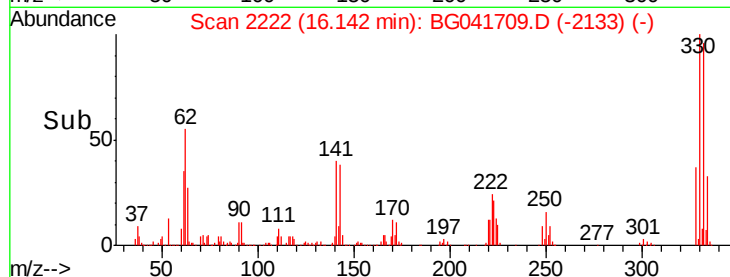
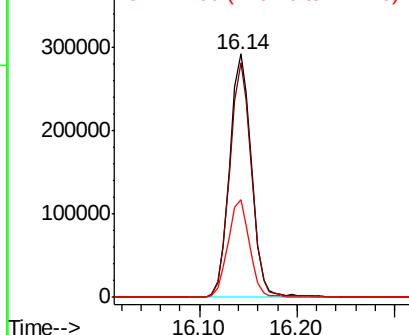


Abundance

Ion 329.80 (329.50 to 330.50): E

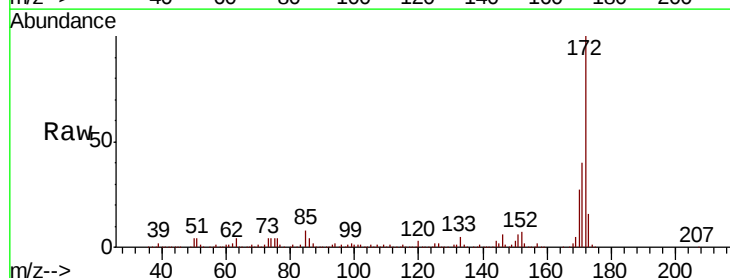
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.366 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041709.D
 Acq: 18 Jul 2019 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.0	52.4
170	27.1	23.5	35.3

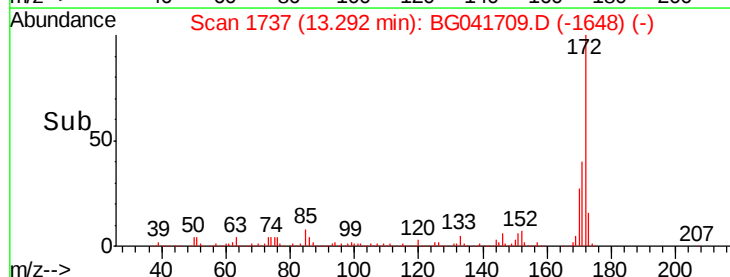
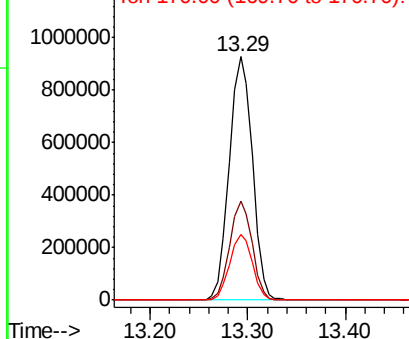


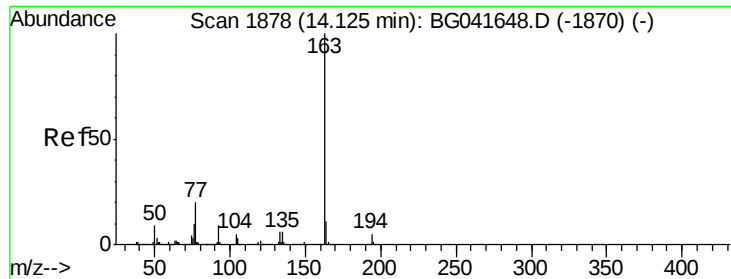
Abundance

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: 7.583 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041709.D

Acq: 18 Jul 2019 14:35

Instrument :

BNA_G

ClientSampleId :

SB-6(8-10)

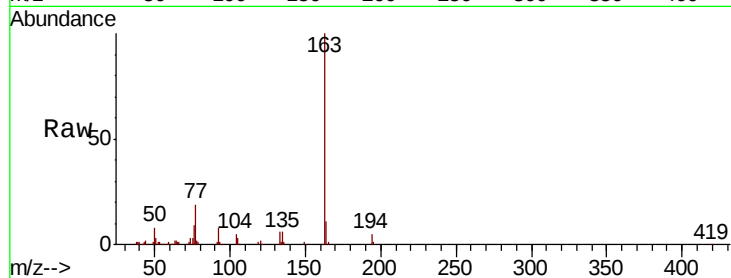
Tot Ion:163 Resp: 156388

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

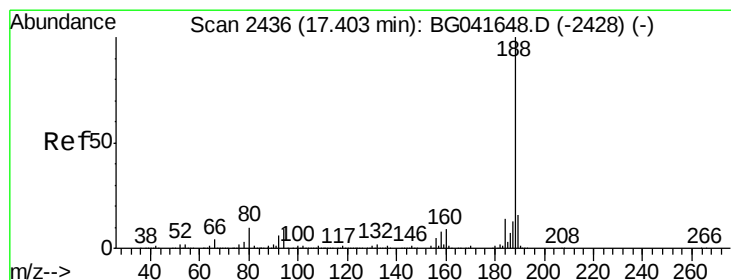
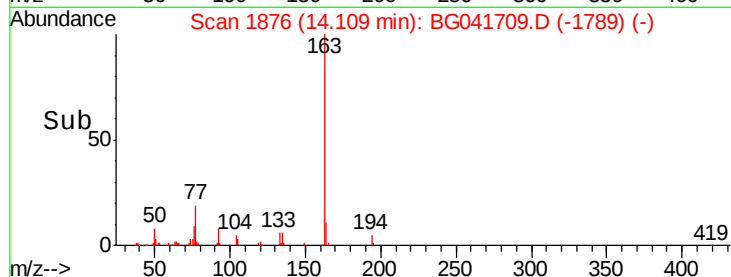
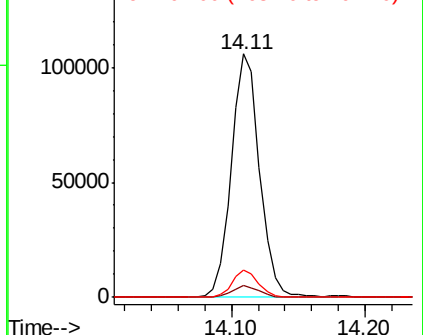
164 11.1 9.4 14.2



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041709.D

Acq: 18 Jul 2019 14:35

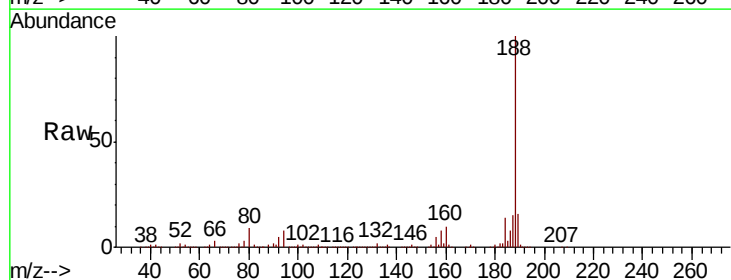
Tgt Ion:188 Resp: 660833

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

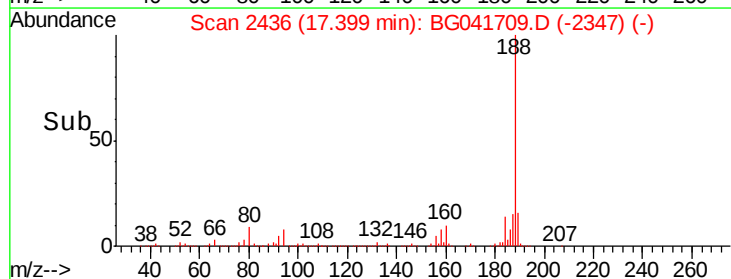
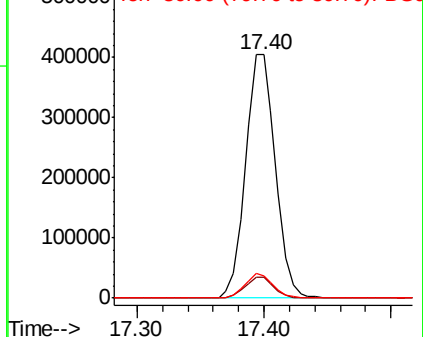
80 9.2 8.0 12.0

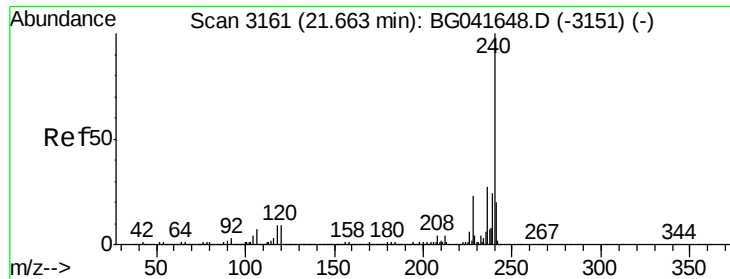


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

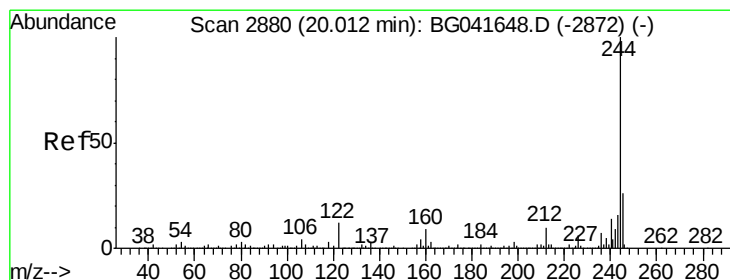
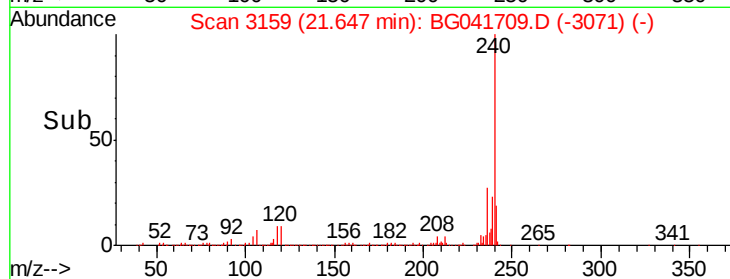
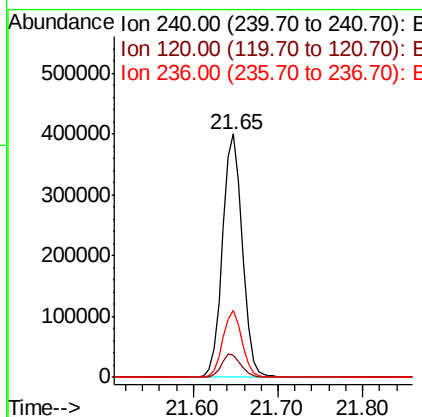
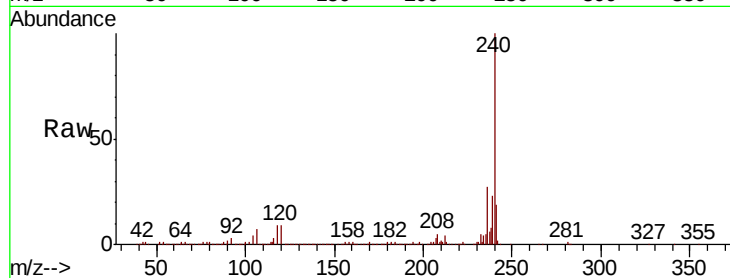




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041709.D
 Acq: 18 Jul 2019 14:35

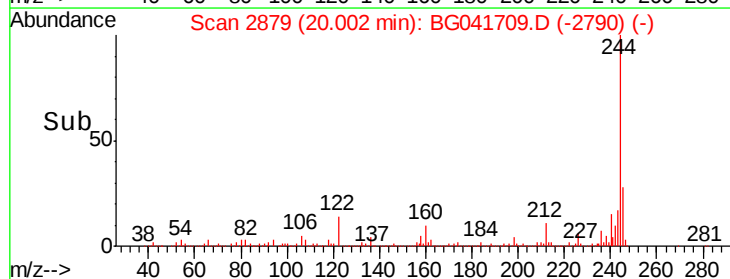
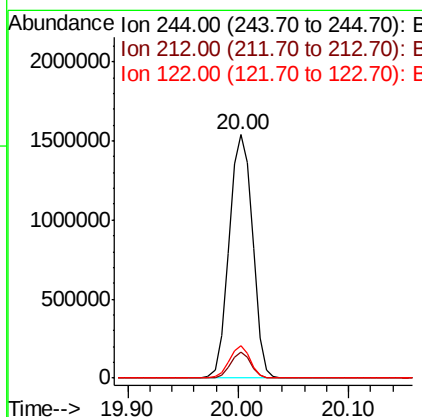
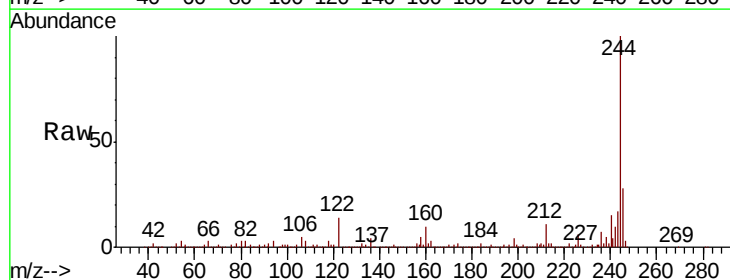
Instrument :
 BNA_G
 ClientSampled :
 SB-6(8-10)

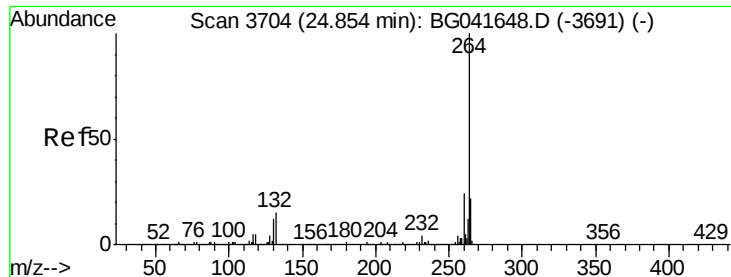
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.0	12.0
236	27.3	22.6	33.8



#79
 Terphenyl-d14
 Concen: 83.095 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041709.D
 Acq: 18 Jul 2019 14:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.8	9.7	14.5
122	13.5	12.5	18.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.03 min
 Lab File: BG041709.D
 Acq: 18 Jul 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	18.0	27.0

