

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041704.D
 Acq On : 18 Jul 2019 1:28
 Operator : HP/JU
 Sample : K3835-28
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 18 07:12:48 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

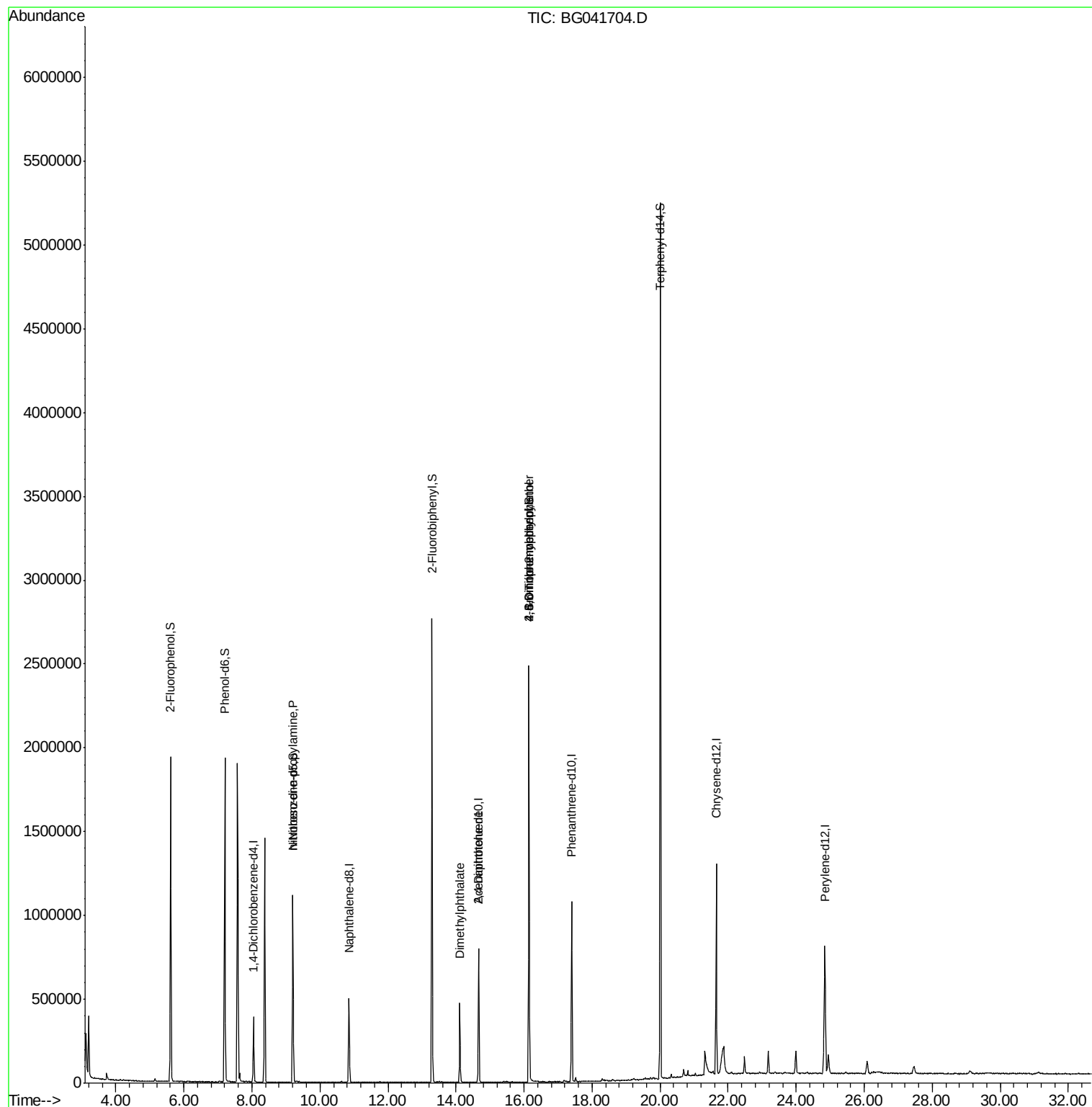
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	110577	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	442813	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	275563	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	688714	20.00	ng	0.00
76) Chrysene-d12	21.65	240	707270	20.00	ng	-0.01
87) Perylene-d12	24.84	264	805068	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	819272	121.12	ng	0.00
7) Phenol-d6	7.20	99	1118561	122.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	679527	93.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	447707	144.16	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1405867	79.00	ng	0.00
79) Terphenyl-d14	20.00	244	2187622	72.28	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	2227	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	92427	13.899 ng	#	3
50) Dimethylphthalate	14.11	163	329501	15.225 ng	#	69
57) 2,4-Dinitrotoluene	14.66	165	34780	5.731 ng	#	98
65) 4,6-Dinitro-2-methylphenol	16.14	198	1535	7.078 ng	#	30
67) 4-Bromophenyl-phenylether	16.14	248	36614	4.468 ng	#	1
77) Benizidine	20.00	184	39819	Below Cal	#	1
						94

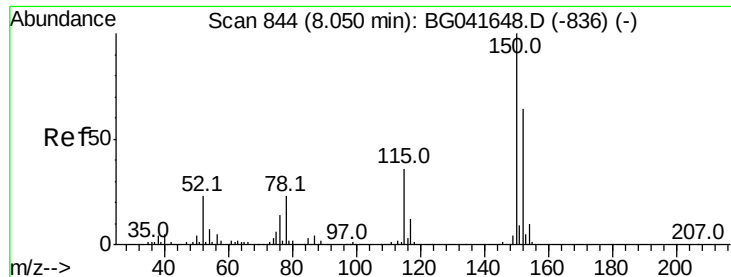
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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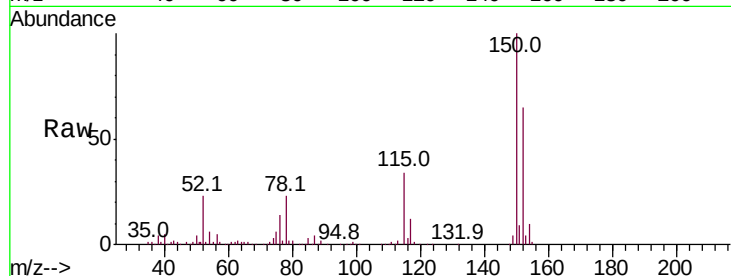


#1

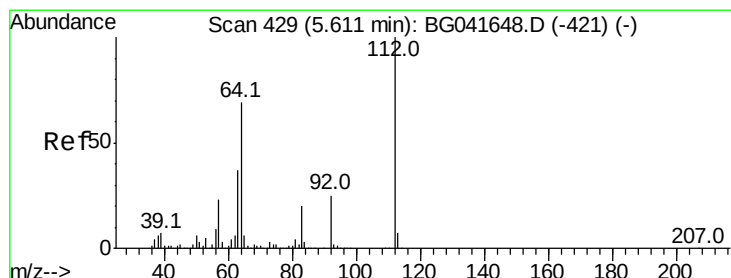
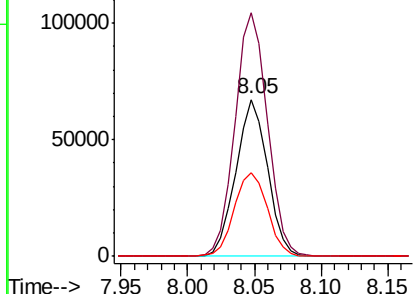
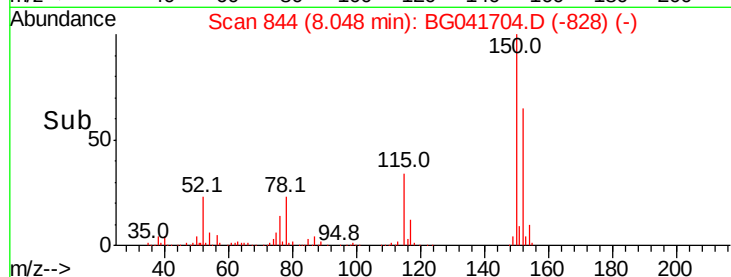
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.9	190.3
115	53.3	45.0	67.6



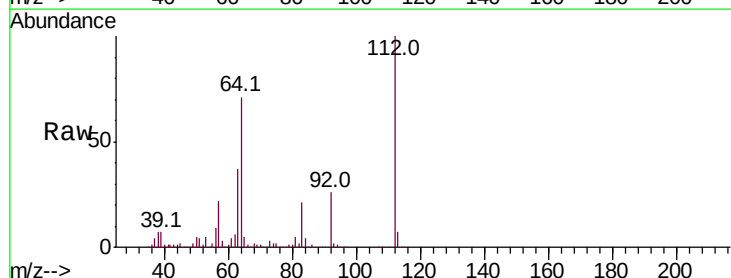
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



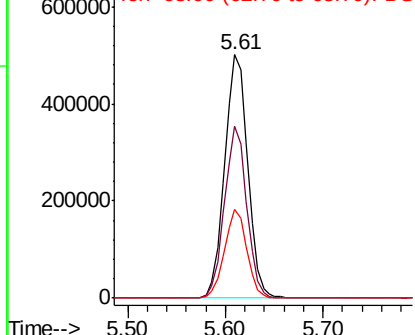
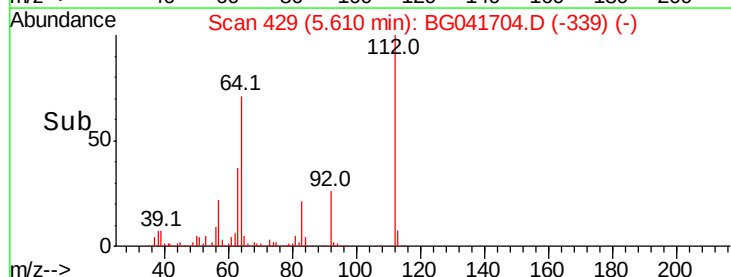
#5

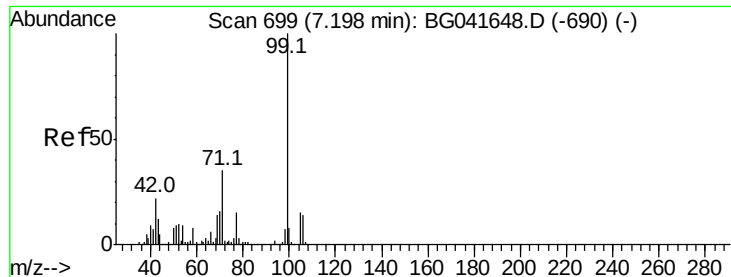
2-Fluorophenol
Concen: 121.120 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.4	83.2
63	36.5	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: 122.945 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Instrument :

BNA_G

ClientSampleId :

SB-10(8-10)

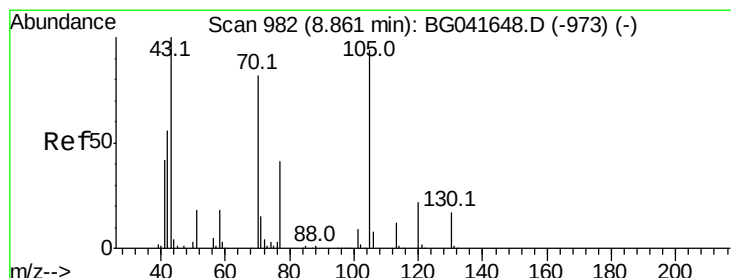
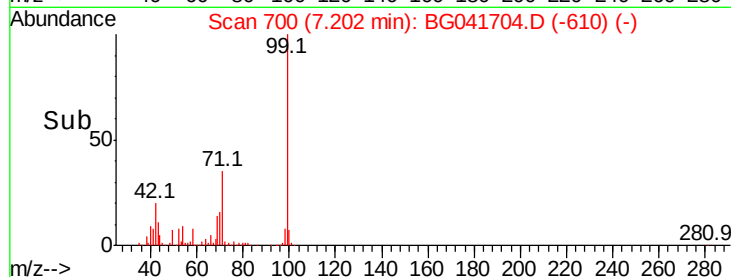
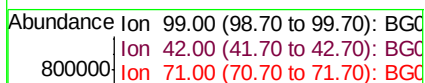
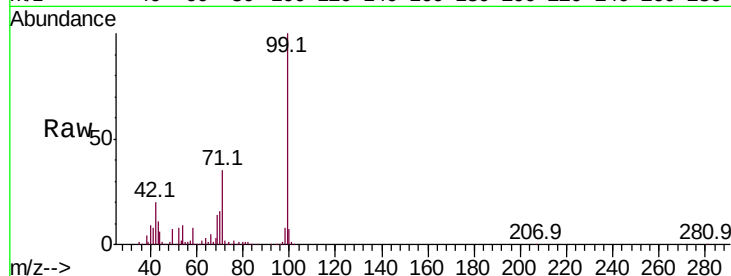
Tot Ion: 99 Resp: 1118561

Ion Ratio Lower Upper

99 100

42 20.5 17.6 26.4

71 34.8 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.899 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Tgt Ion: 70 Resp: 92427

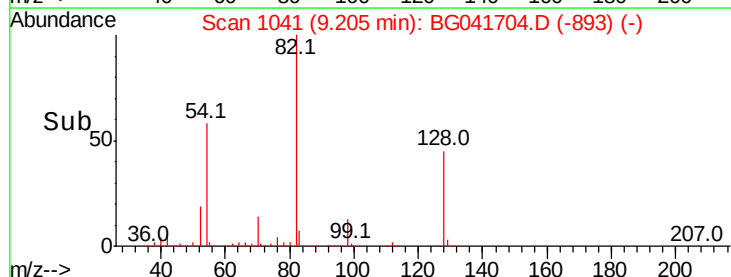
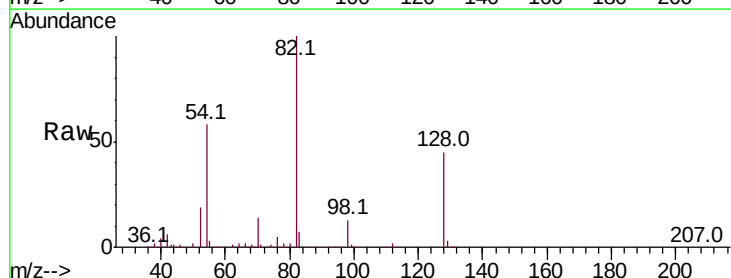
Ion Ratio Lower Upper

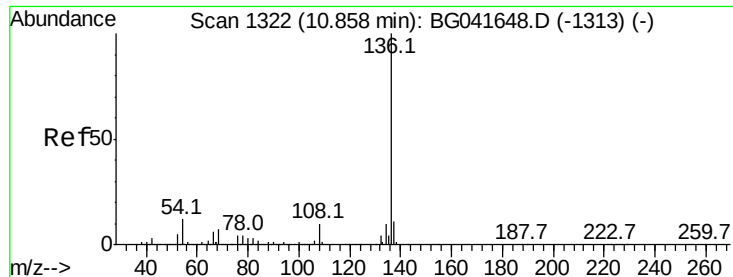
70 100

42 46.2 55.8 83.6#

101 0.0 8.1 12.1#

130 1.8 17.3 25.9#

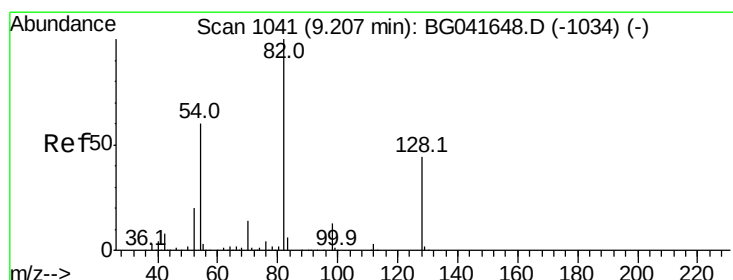
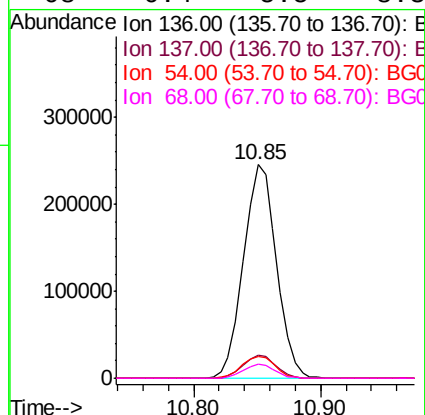
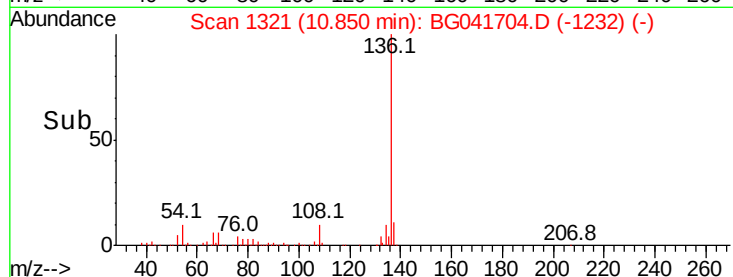
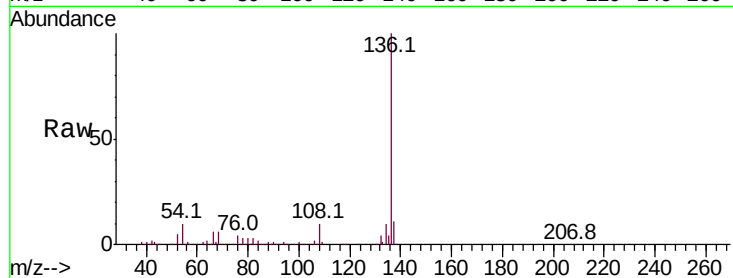




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

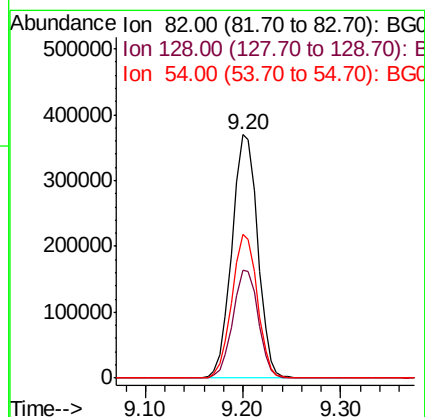
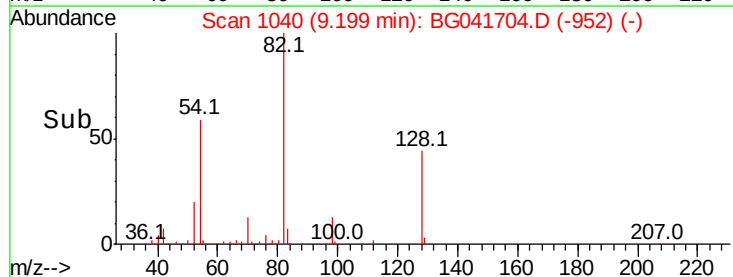
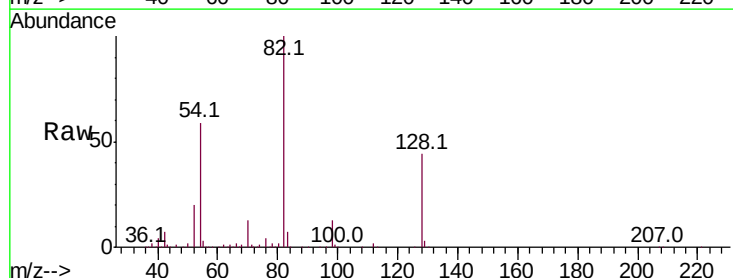
Instrument :
BNA_G
ClientSampleId :
SB-10(8-10)

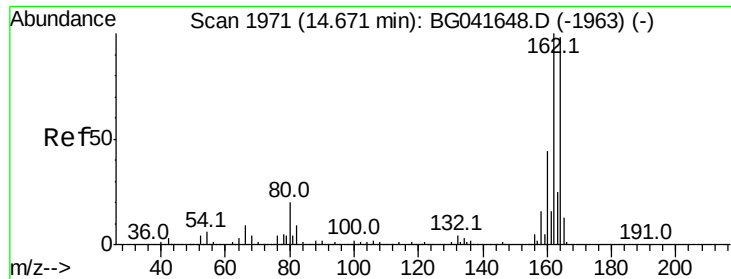
Tot Ion:	136	Resp:	442813
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	10.5	8.7	13.1
68	6.4	5.5	8.3



#23
Nitrobenzene-d5
Concen: 93.325 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Tgt Ion:	82	Resp:	679527
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	58.8	48.7	73.1

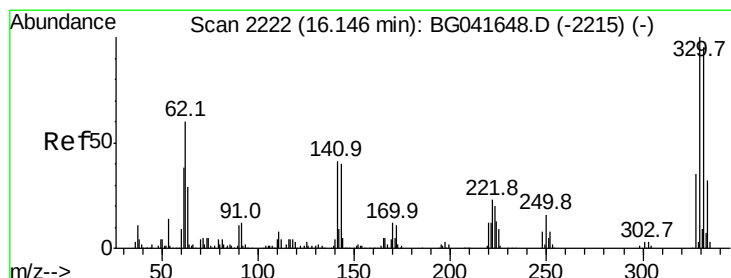
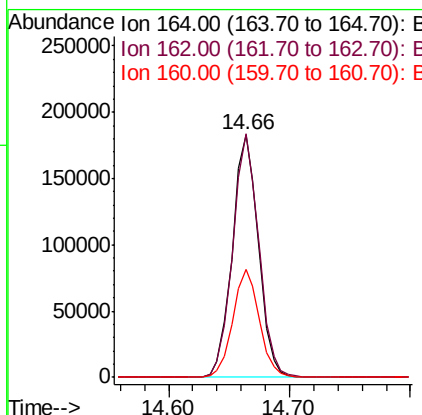
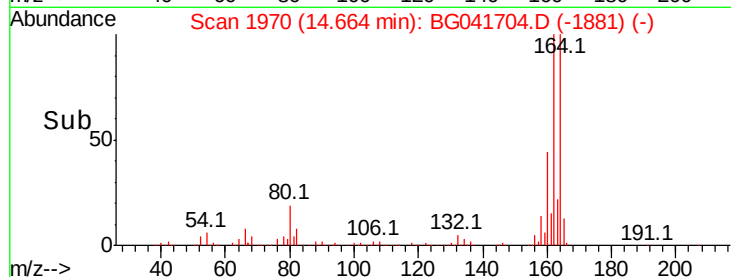
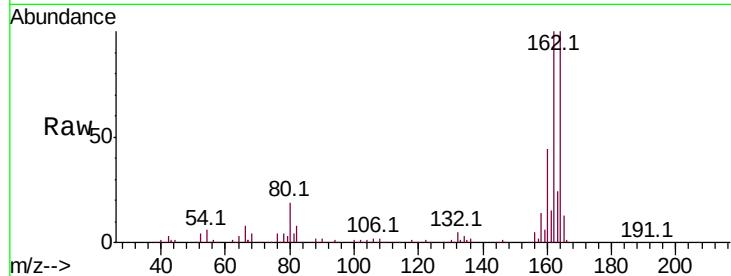




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

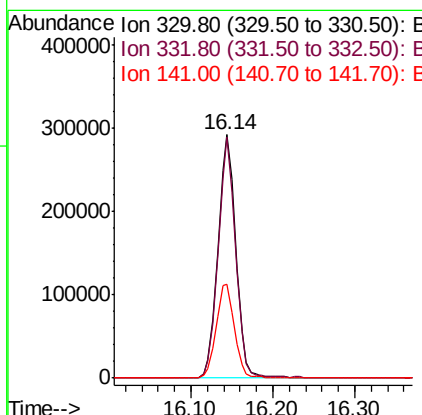
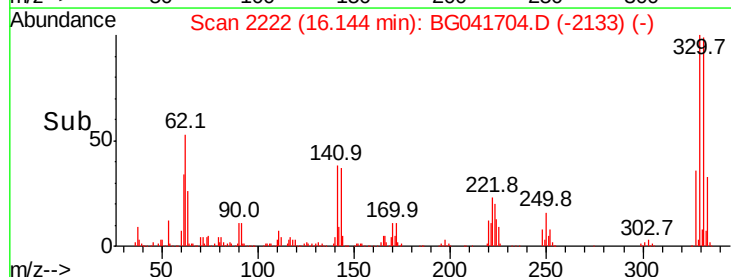
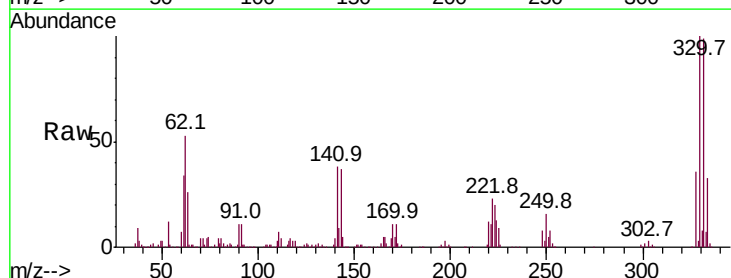
Instrument :
 BNA_G
 ClientSampleId :
 SB-10(8-10)

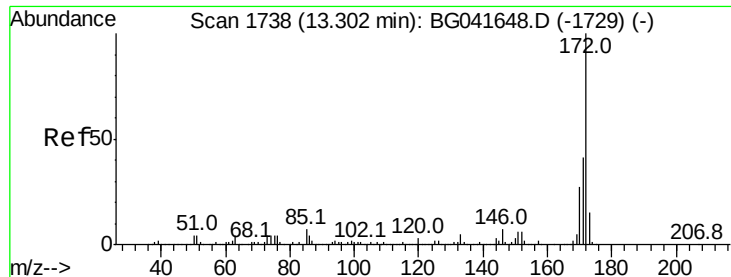
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.6	119.4
160	44.3	35.4	53.0



#42
 2,4,6-Tribromophenol
 Concen: 144.163 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	39.4	31.9	47.9

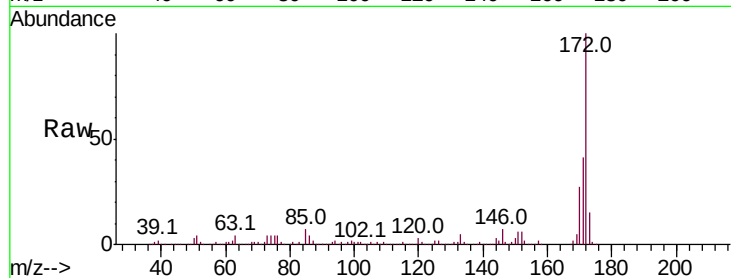




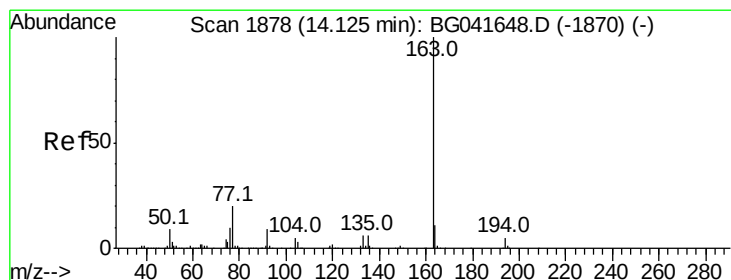
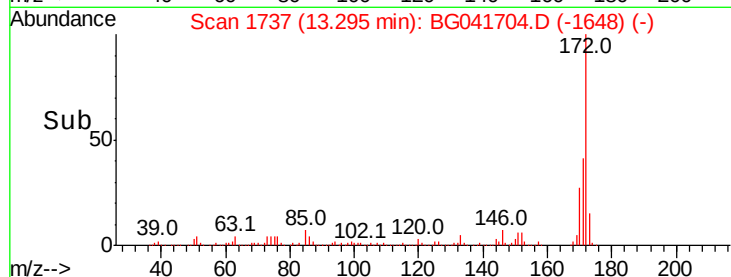
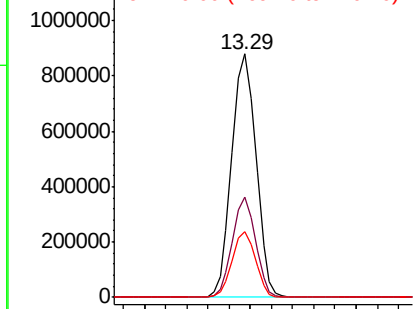
#45
2-Fluorobiphenyl
Concen: 79.001 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

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

Tot Ion:172 Resp: 1405867
Ion Ratio Lower Upper
172 100
171 41.0 35.0 52.4
170 27.2 23.5 35.3

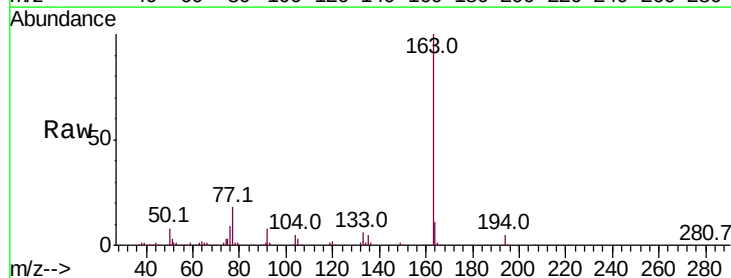


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

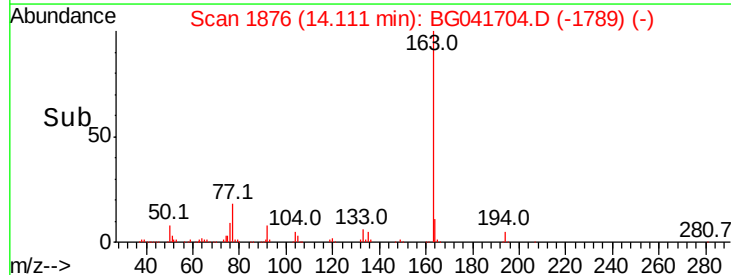
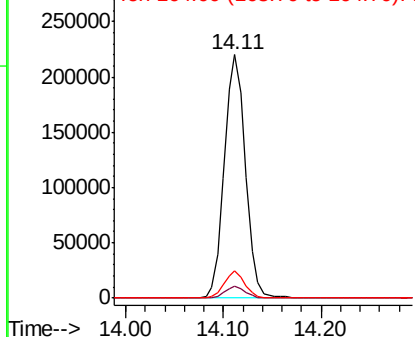


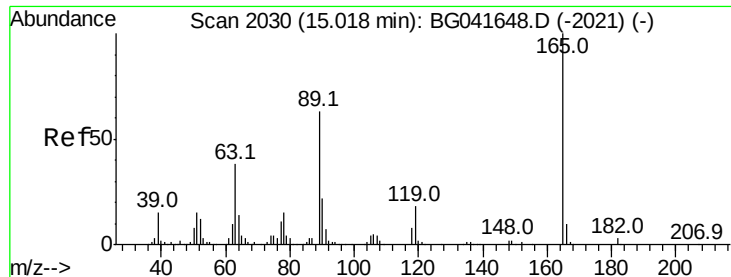
#50
Dimethylphthalate
Concen: 15.225 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

Tgt Ion:163 Resp: 329501
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 11.0 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

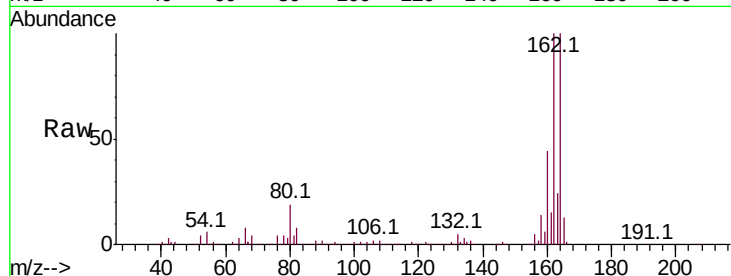




#57
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	31.7	47.5#
89	1.6	50.2	75.4#
182	0.0	2.6	4.0#

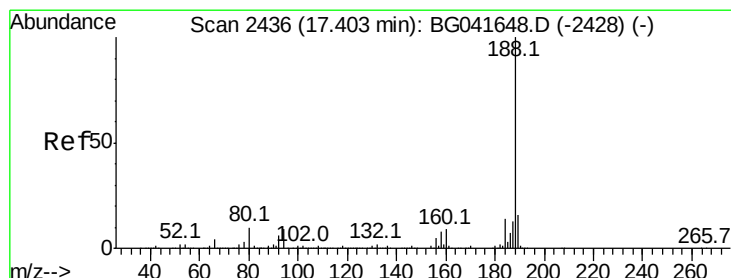
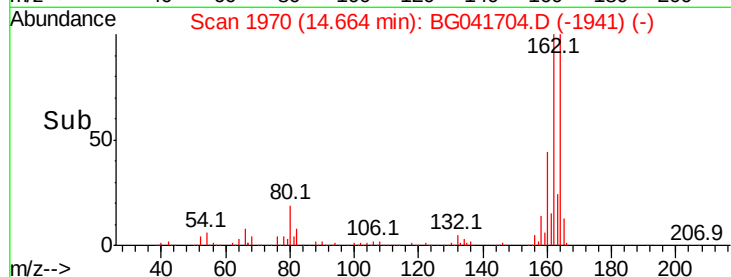
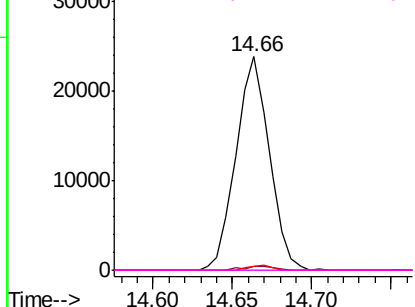


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

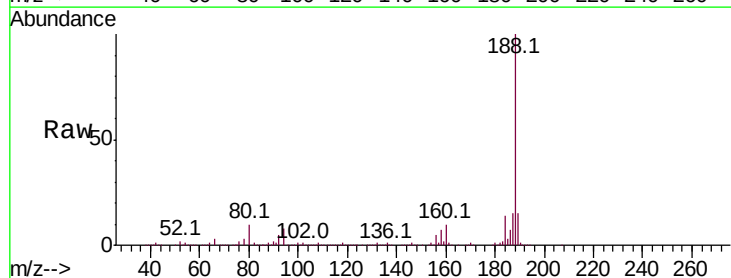
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

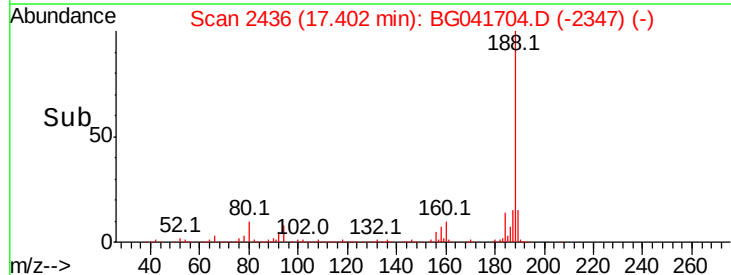
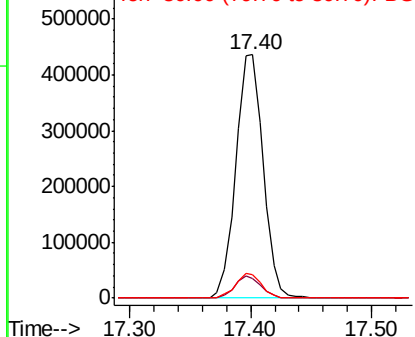
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.7	8.0	12.0

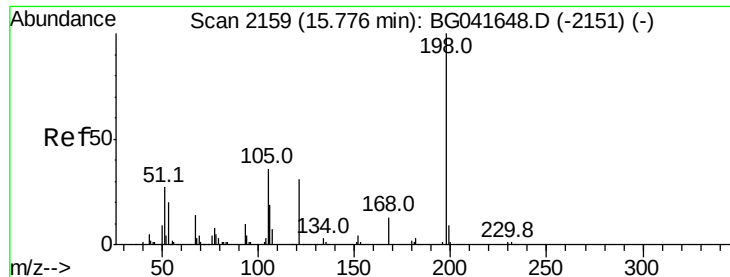


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 7.078 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.36 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

Instrument :

BNA_G

ClientSampleId :

SB-10(8-10)

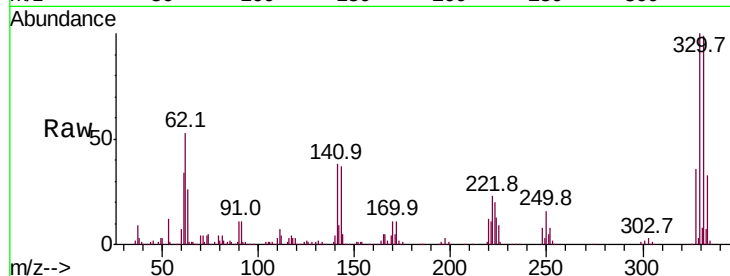
Tot Ion:198 Resp: 1535

Ion Ratio Lower Upper

198 100

51 103.0 22.3 62.3#

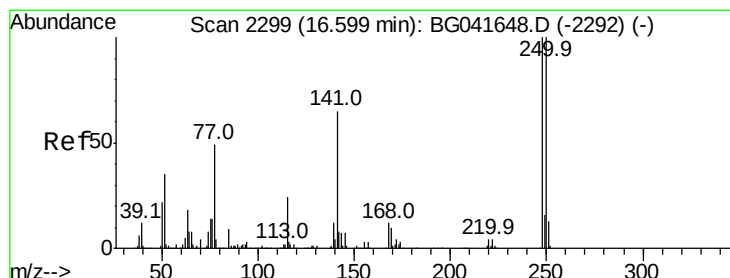
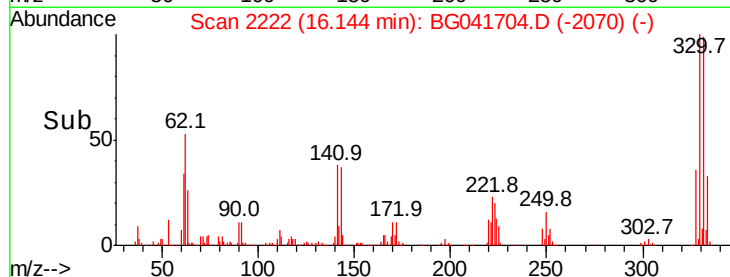
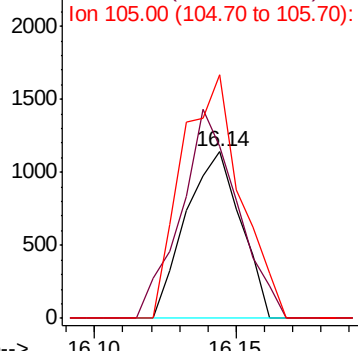
105 146.3 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.468 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.46 min

Lab File: BG041704.D

Acq: 18 Jul 2019 1:28

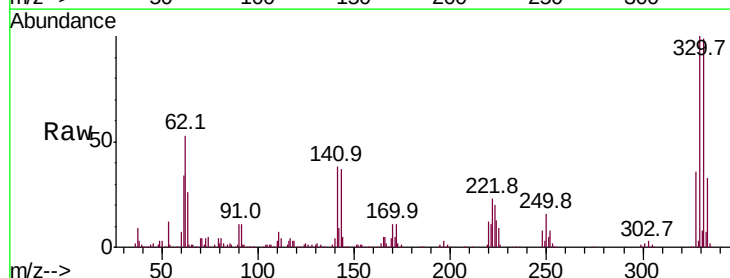
Tgt Ion:248 Resp: 36614

Ion Ratio Lower Upper

248 100

250 196.7 78.1 117.1#

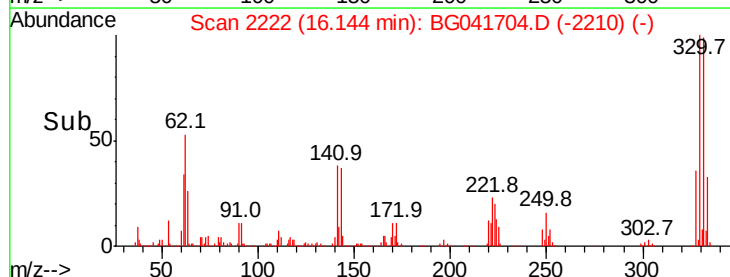
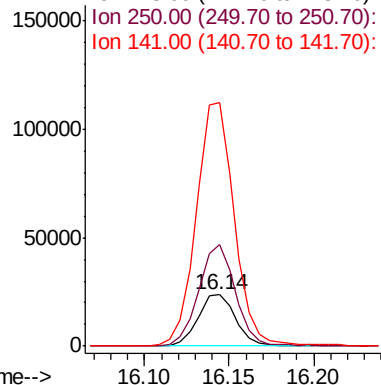
141 473.4 49.6 74.4#

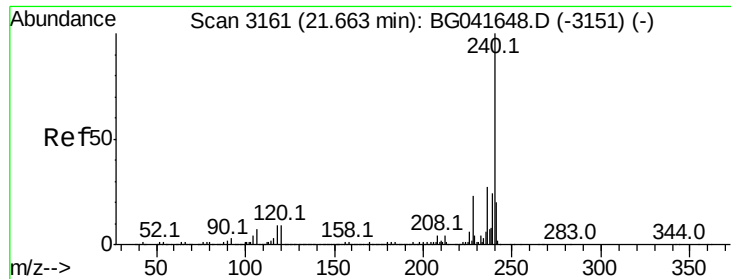


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

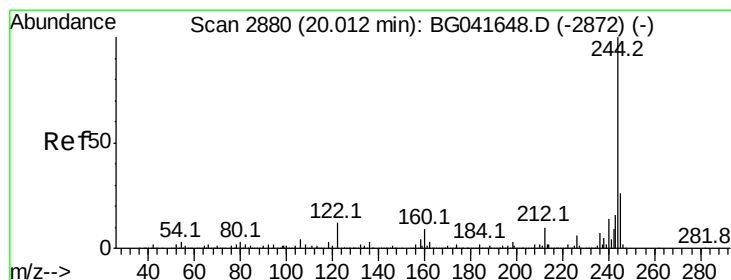
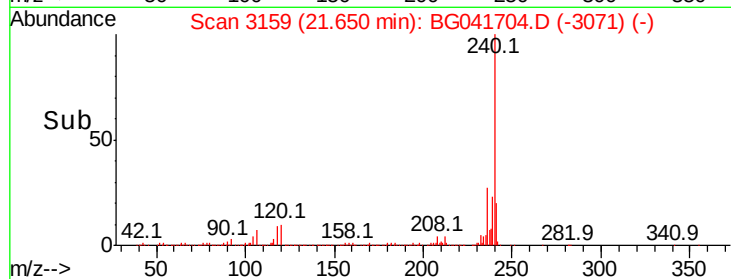
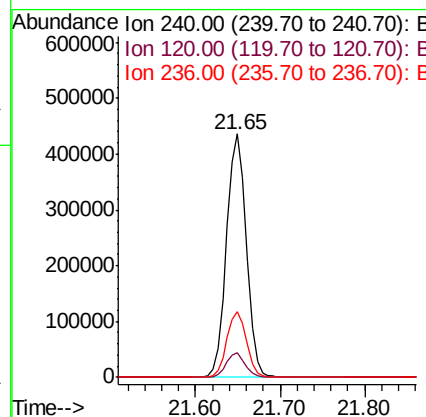
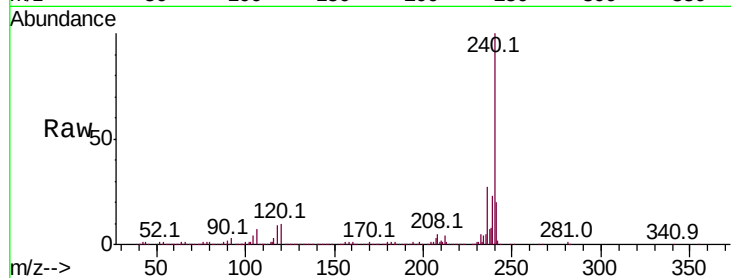




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

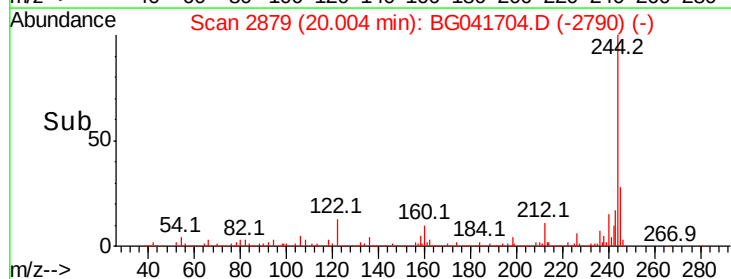
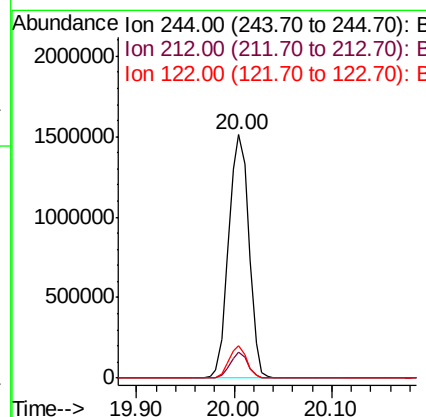
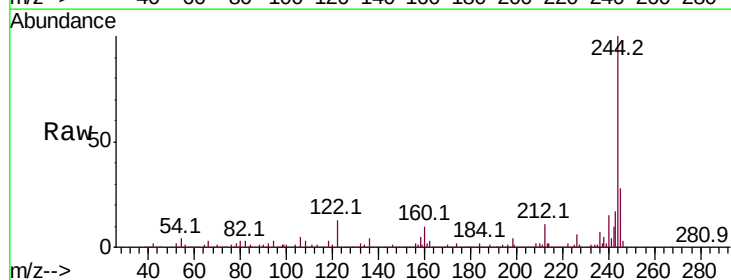
Instrument :
 BNA_G
 ClientSampleId :
 SB-10(8-10)

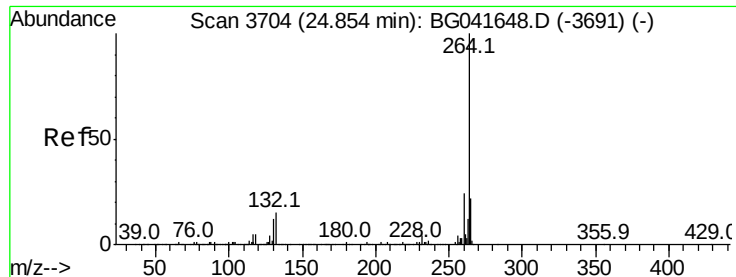
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.0	12.0
236	27.2	22.6	33.8



#79
 Terphenyl-d14
 Concen: 72.281 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041704.D
 Acq: 18 Jul 2019 1:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.6	9.7	14.5
122	13.3	12.5	18.7

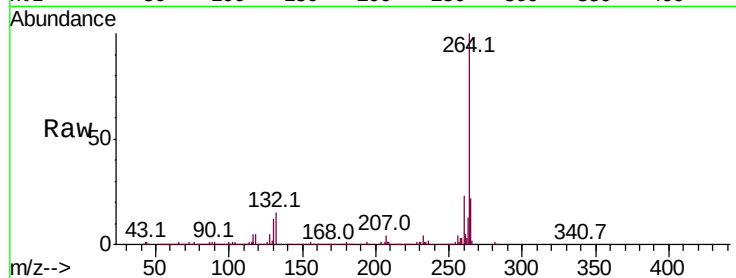




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041704.D
Acq: 18 Jul 2019 1:28

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	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

