

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042731.D
 Acq On : 5 Sep 2019 21:57
 Operator : HP/JU
 Sample : K4409-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:47:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

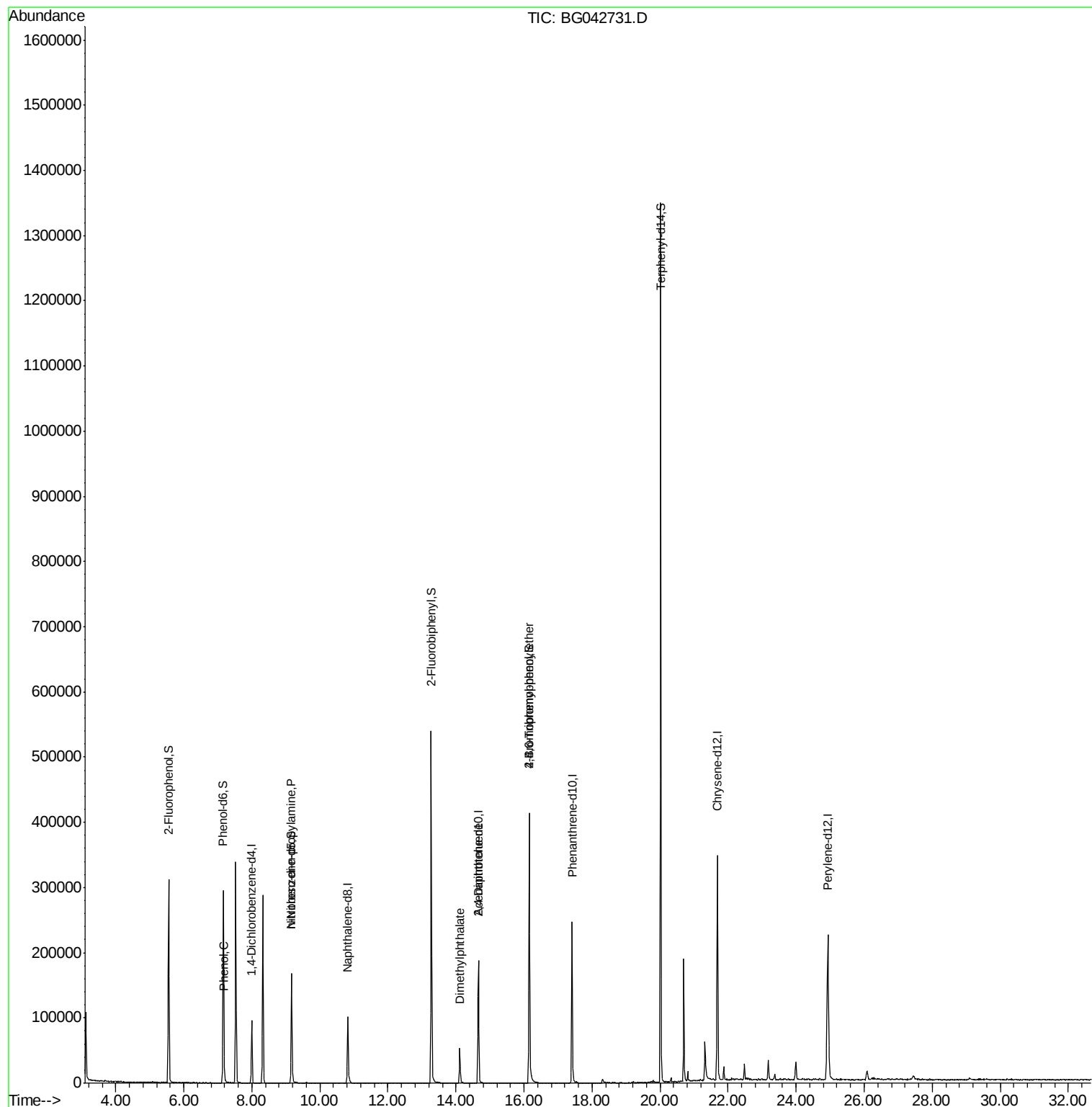
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32508	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	119162	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	86191	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	205068	20.00	ng	0.00
76) Chrysene-d12	21.69	240	241484	20.00	ng	0.00
87) Perylene-d12	24.92	264	287494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	157683	98.24	ng	0.00
7) Phenol-d6	7.16	99	202201	93.26	ng	-0.01
23) Nitrobenzene-d5	9.17	82	112645	65.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	129407	105.63	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	359470	70.54	ng	0.00
79) Terphenyl-d14	20.02	244	714843	64.00	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5702	2.587	ng	86
19) n-Nitroso-di-n-propylamine	9.16	70	14749	10.500	ng	# 76
50) Dimethylphthalate	14.11	163	59623	9.587	ng	99
57) 2,4-Dinitrotoluene	14.66	165	10908	5.284	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	8224	3.162	ng	# 1

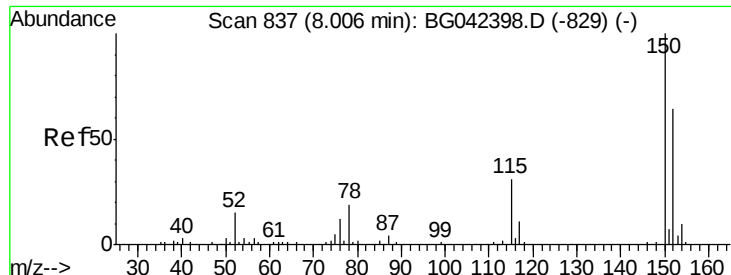
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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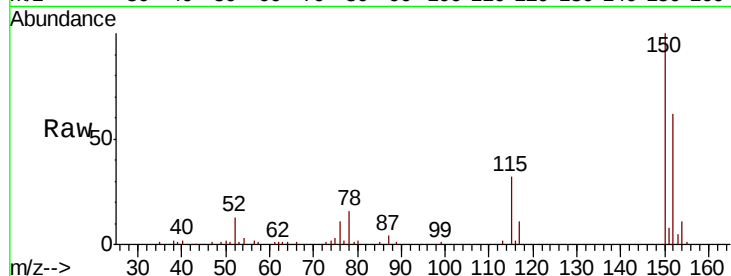


#1

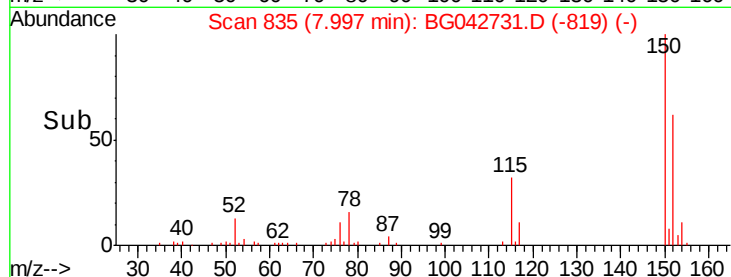
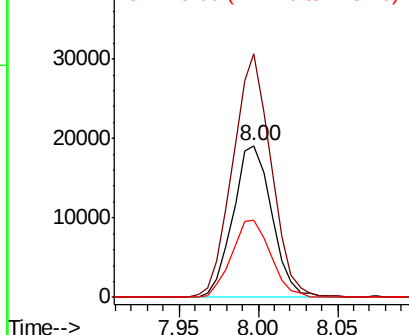
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32508
Ion Ratio Lower Upper
152 100
150 160.1 125.4 188.0
115 51.0 38.5 57.7



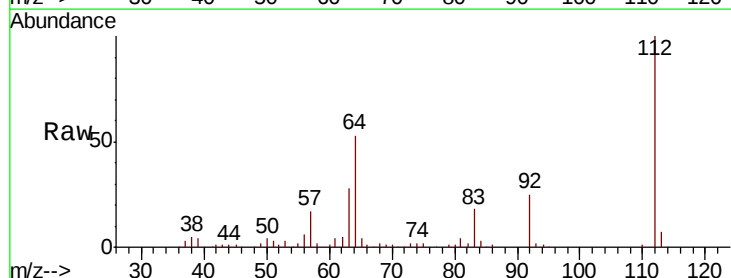
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



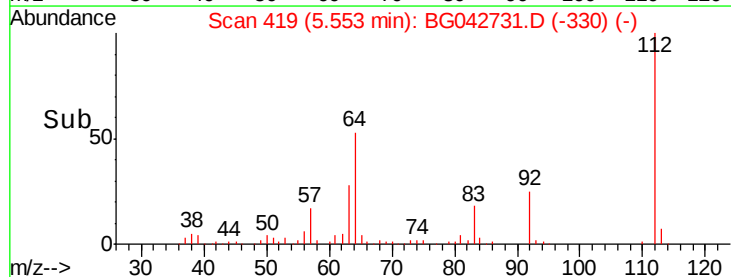
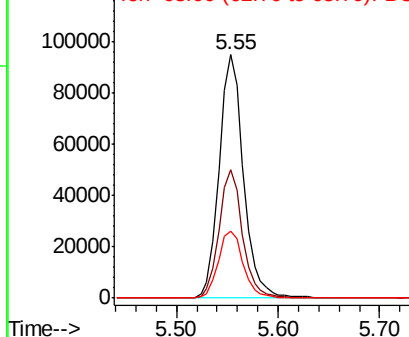
#5

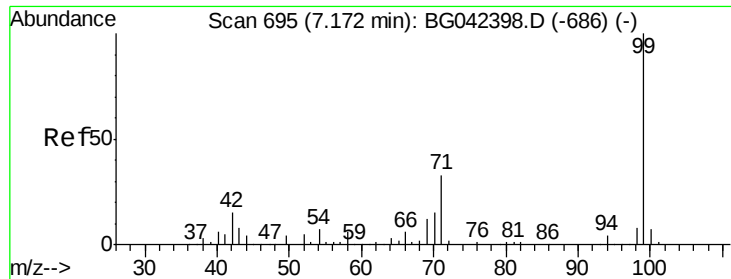
2-Fluorophenol
Concen: 98.239 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:112 Resp: 157683
Ion Ratio Lower Upper
112 100
64 52.8 42.8 64.2
63 27.6 22.7 34.1



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: 93.261 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG042731.D

Acq: 5 Sep 2019 21:57

Instrument :

BNA_G

ClientSampled :

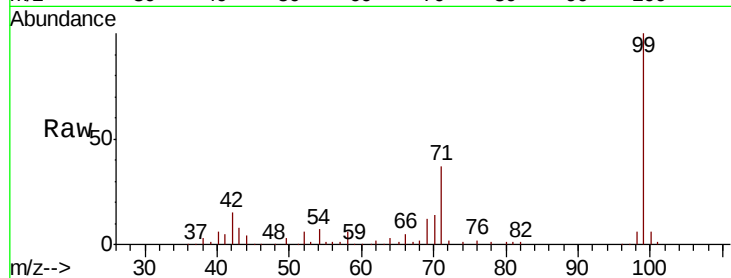
Tot Ion: 99 Resp: 202201

Ion Ratio Lower Upper

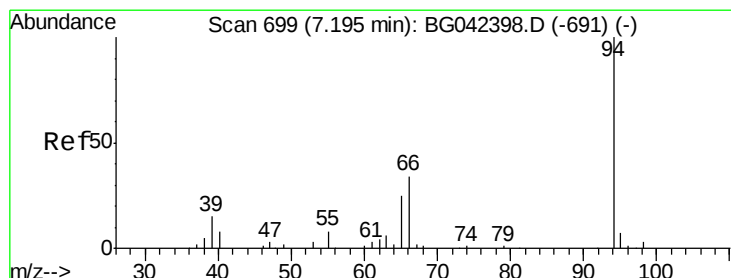
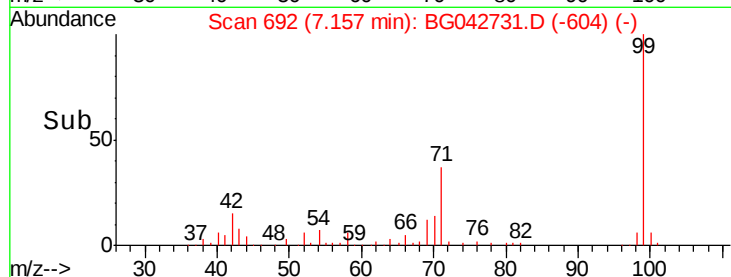
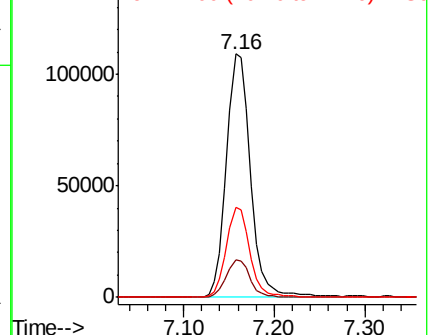
99 100

42 15.5 12.0 18.0

71 36.8 26.3 39.5



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



#10

Phenol

Concen: 2.587 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042731.D

Acq: 5 Sep 2019 21:57

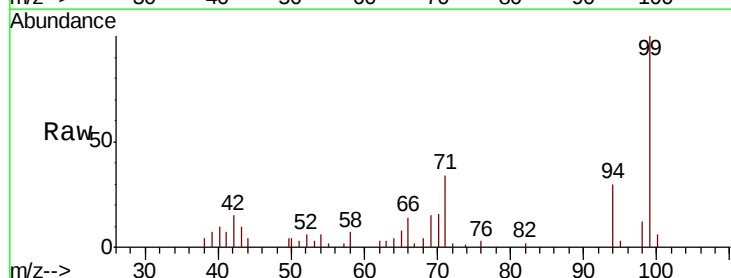
Tgt Ion: 94 Resp: 5702

Ion Ratio Lower Upper

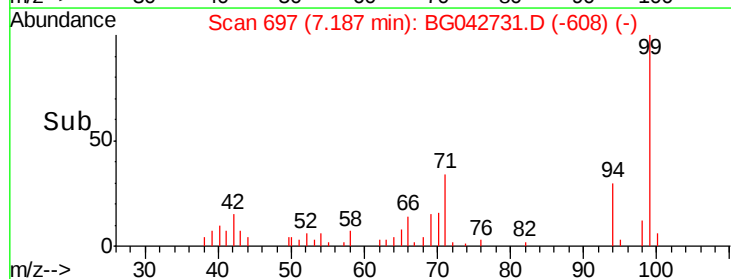
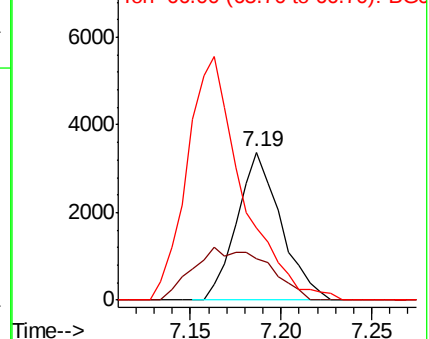
94 100

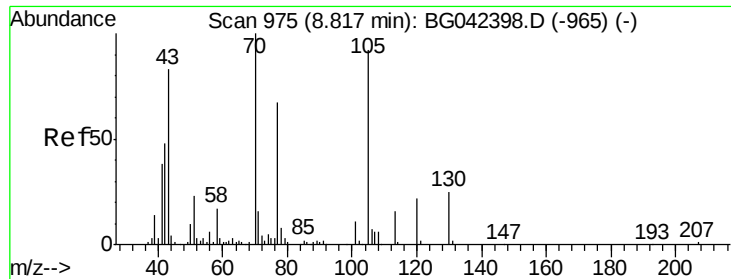
65 27.8 5.6 45.6

66 48.3 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

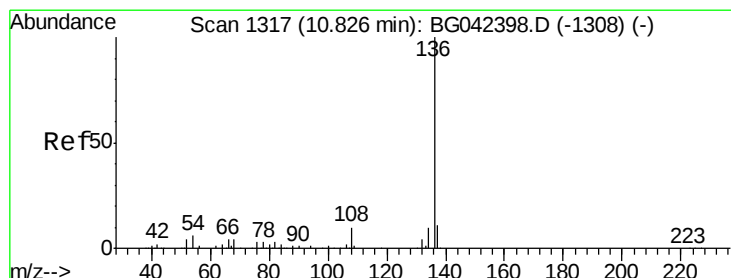
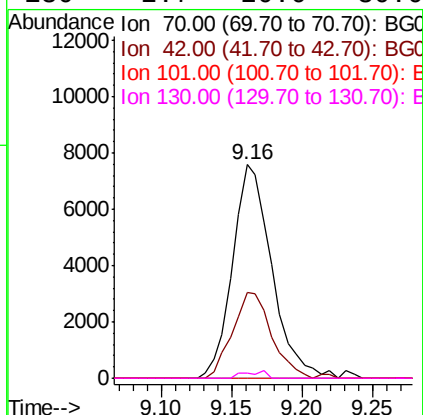
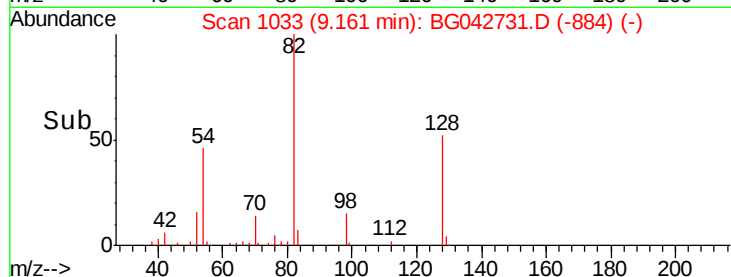
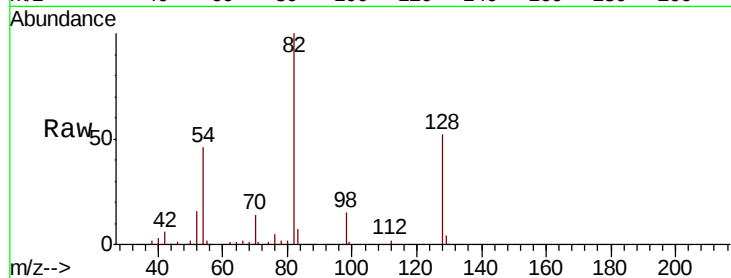




#19
n-Nitroso-di-n-propylamine
Concen: 10.500 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

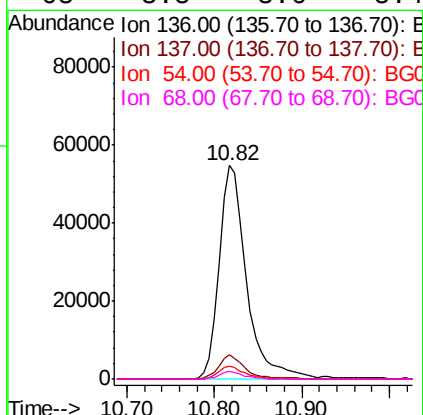
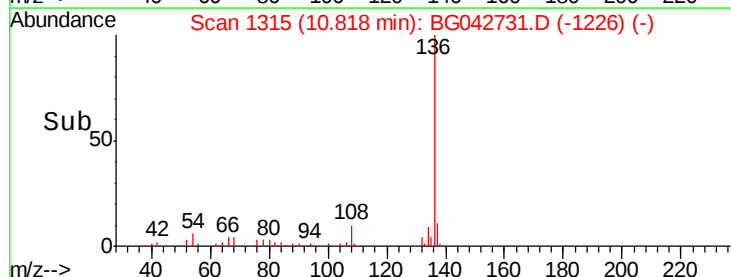
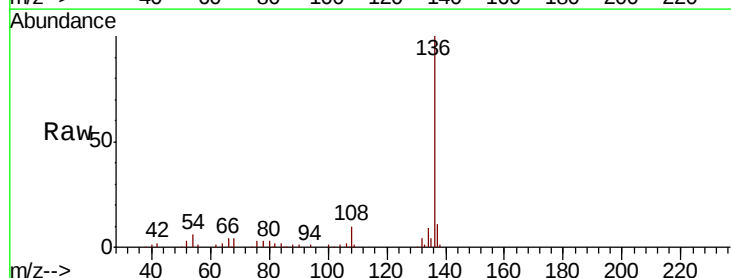
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 14749
Ion Ratio Lower Upper
70 100
42 40.3 38.8 58.2
101 0.0 9.0 13.6#
130 2.7 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:136 Resp: 119162
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.0 4.9 7.3
68 3.5 3.6 5.4#

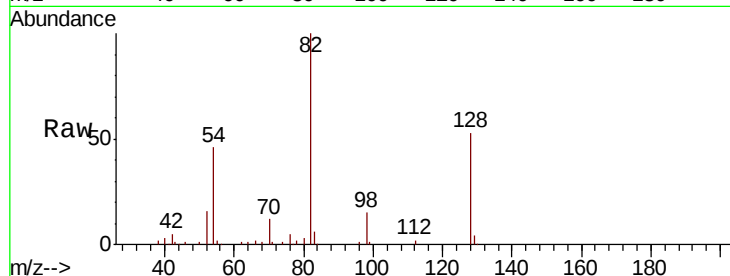




#23
Nitrobenzene-d5
Concen: 65.325 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	112645
Ion Ratio	Lower	Upper	
82	100		
128	52.8	40.7	61.1
54	46.0	36.3	54.5

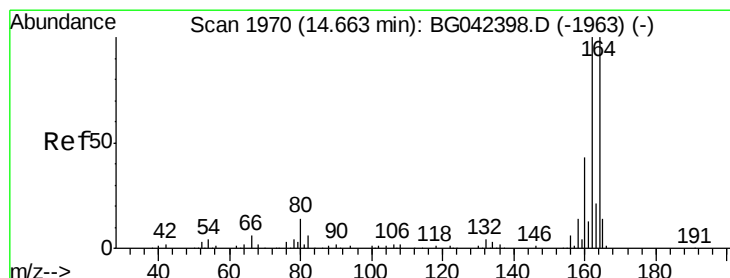
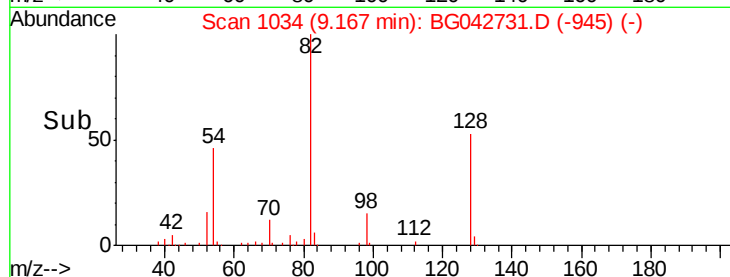
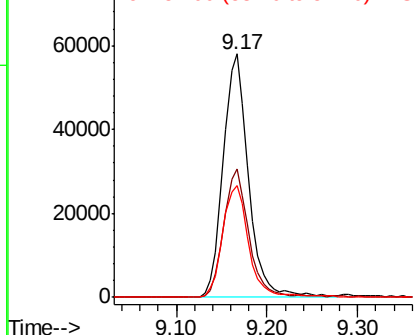


Abundance

Ion 82.00 (81.70 to 82.70): BGC

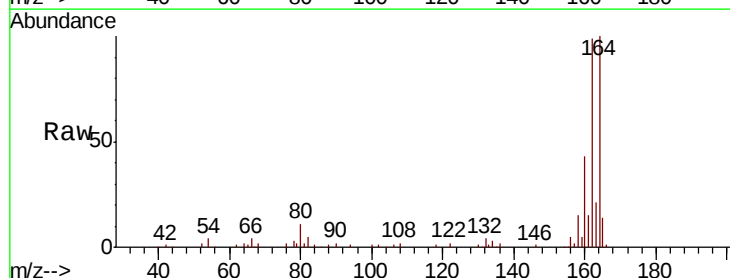
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion	164	Resp	86191
Ion Ratio	Lower	Upper	
164	100		
162	99.5	79.9	119.9
160	43.4	34.3	51.5

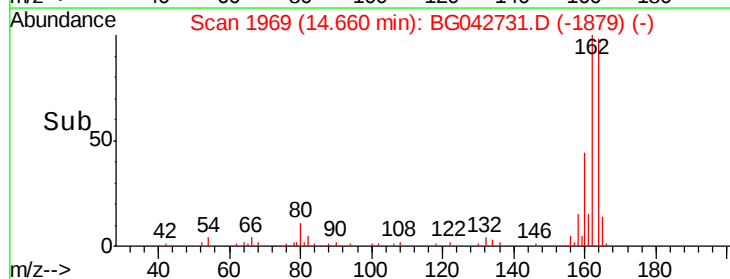
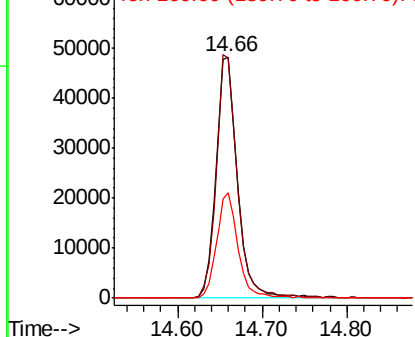


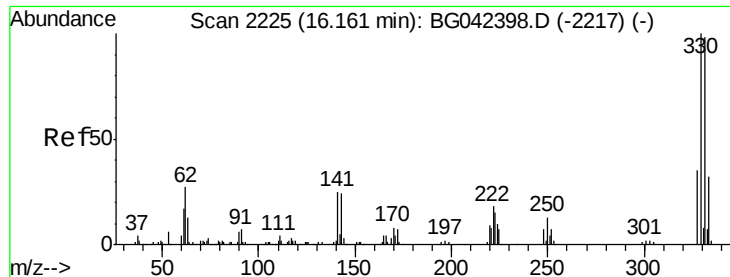
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

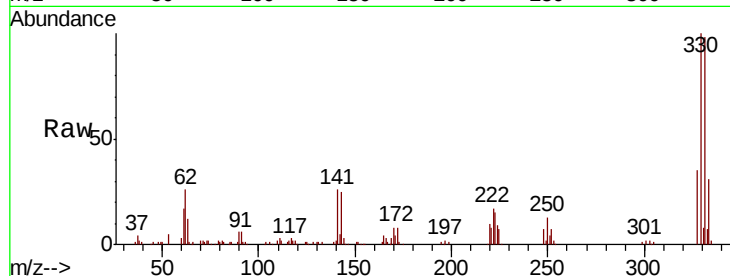




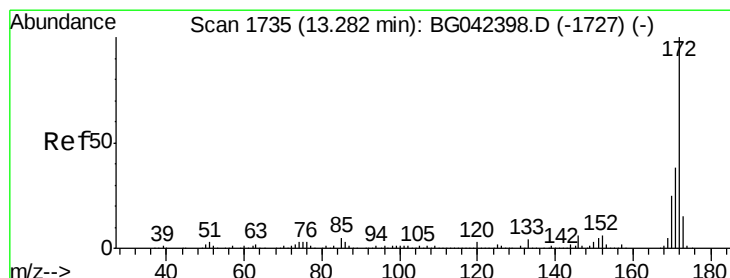
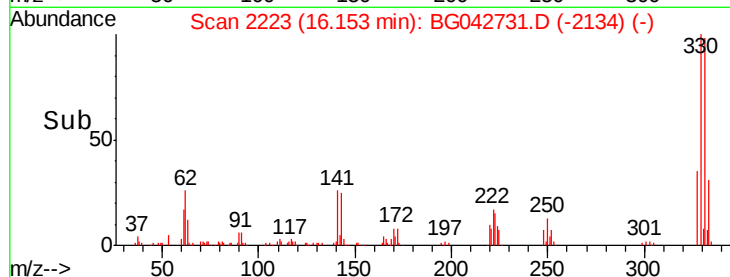
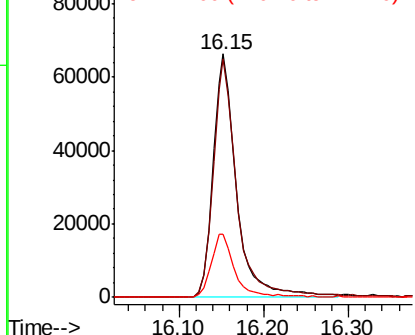
#42
 2,4,6-Tribromophenol
 Concen: 105.633 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042731.D
 Acq: 5 Sep 2019 21:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	26.1	21.4	32.0

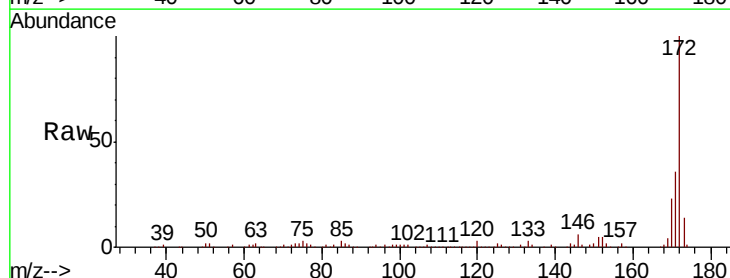


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

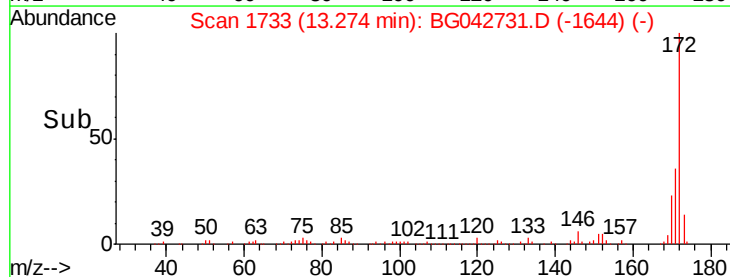
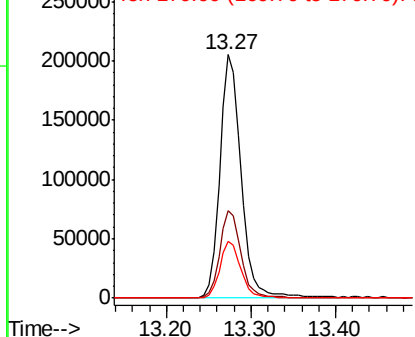


#45
 2-Fluorobiphenyl
 Concen: 70.537 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042731.D
 Acq: 5 Sep 2019 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.1	20.2	30.2



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

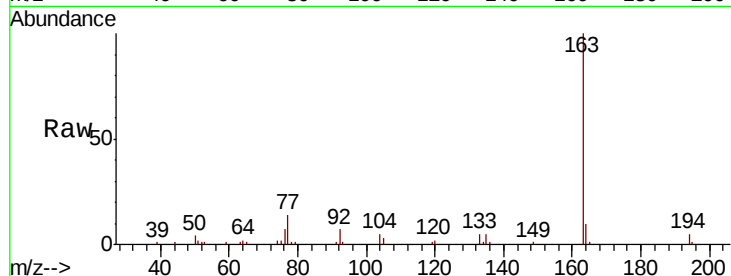




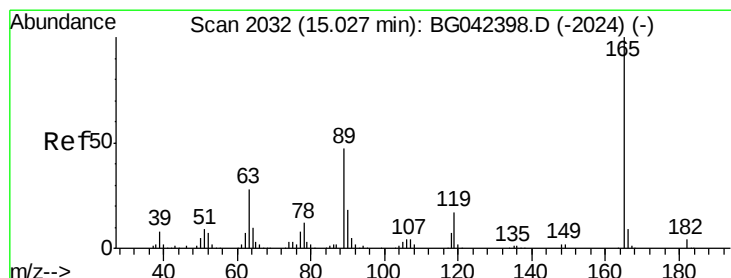
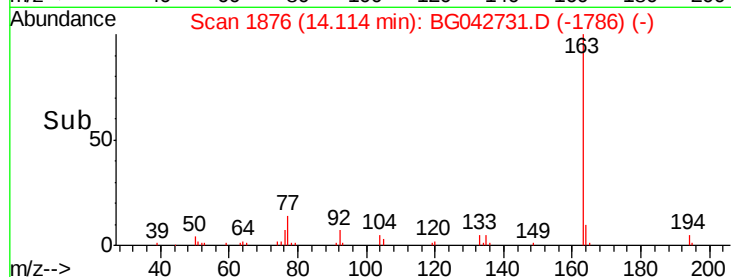
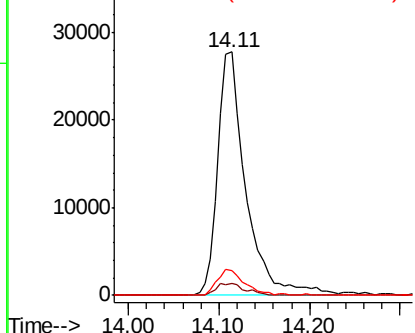
#50
Dimethylphthalate
Concen: 9.587 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 59623
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.3 8.8 13.2

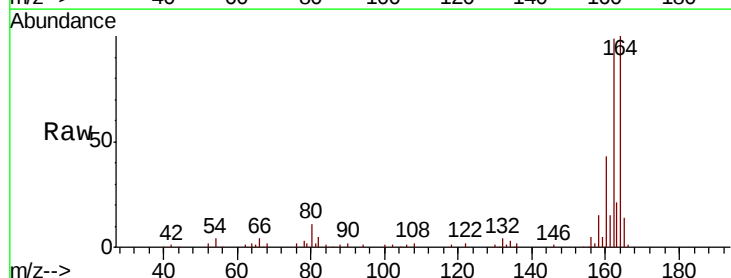


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

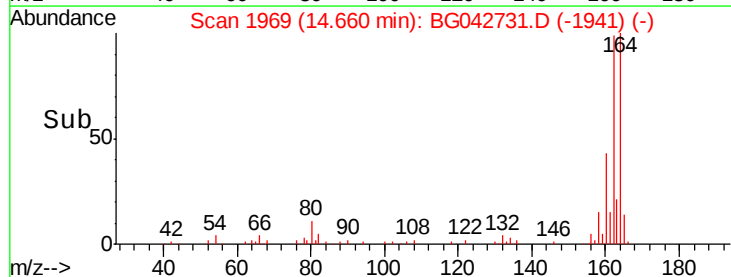
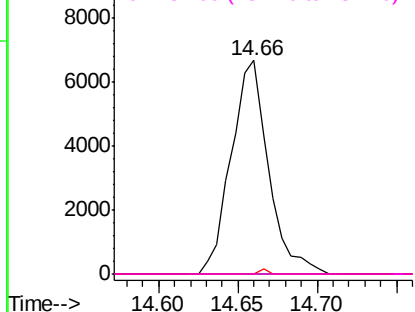


#57
2,4-Dinitrotoluene
Concen: 5.284 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:165 Resp: 10908
Ion Ratio Lower Upper
165 100
63 0.0 22.5 33.7#
89 0.0 37.8 56.6#
182 0.0 3.0 4.4#



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042731.D

Acq: 5 Sep 2019 21:57

Instrument :

BNA_G

ClientSampled :

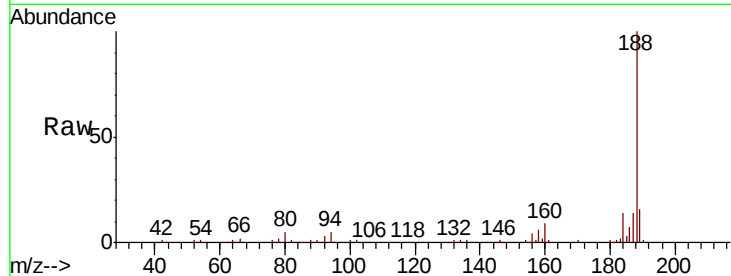
Tot Ion:188 Resp: 205068

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

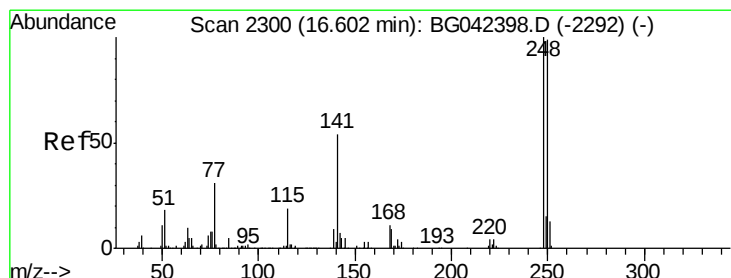
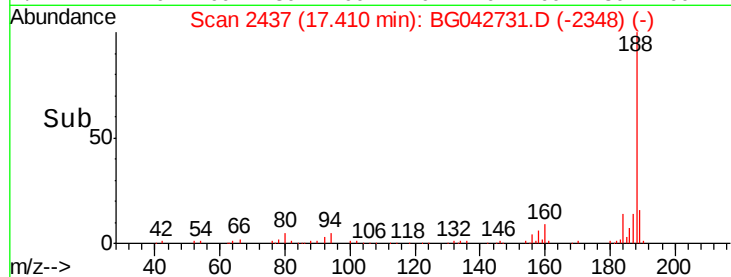
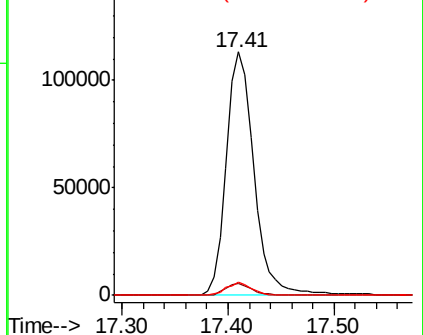
80 5.2 4.9 7.3



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



#67

4-Bromophenyl-phenylether

Concen: 3.162 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042731.D

Acq: 5 Sep 2019 21:57

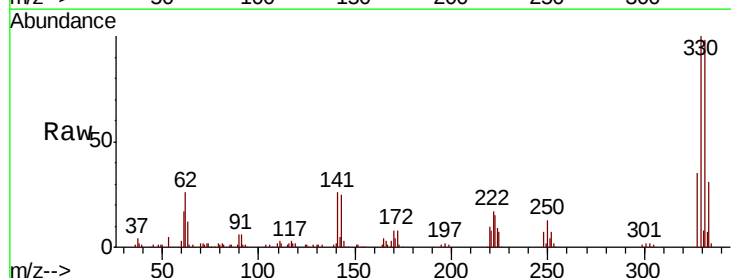
Tgt Ion:248 Resp: 8224

Ion Ratio Lower Upper

248 100

250 197.8 78.9 118.3#

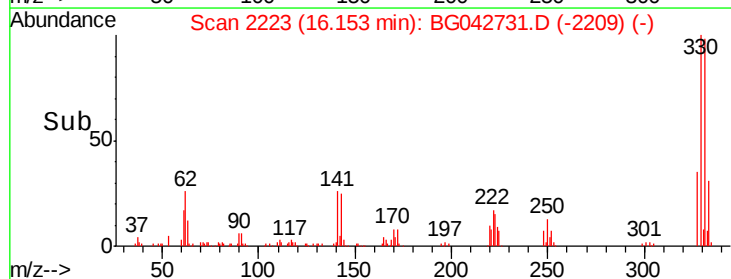
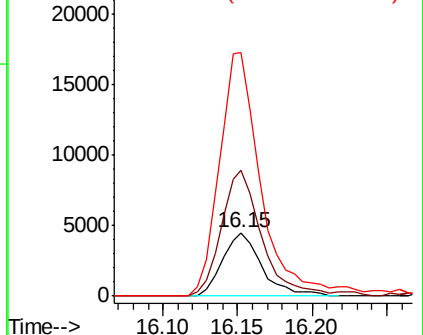
141 383.8 43.3 64.9#



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

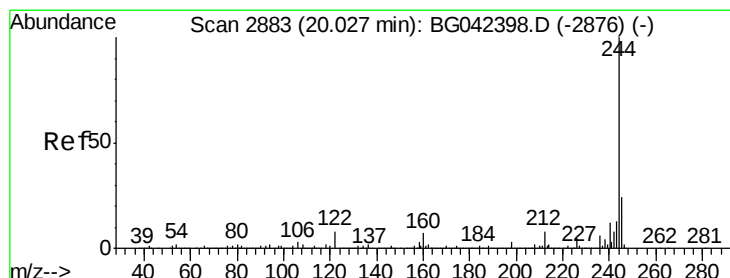
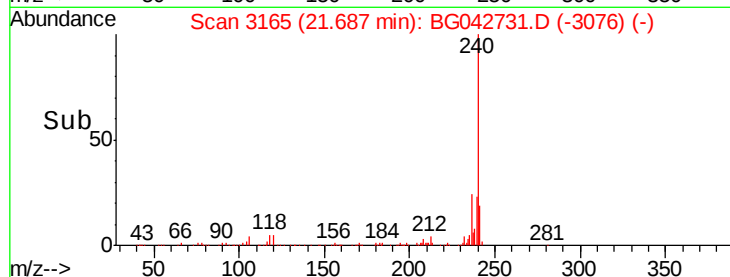
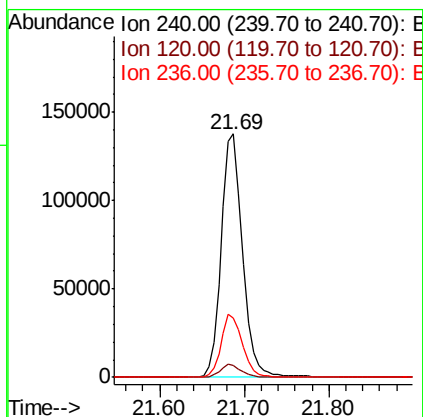
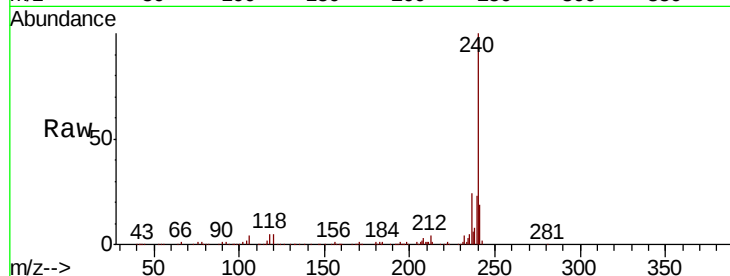




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042731.D
 Acq: 5 Sep 2019 21:57

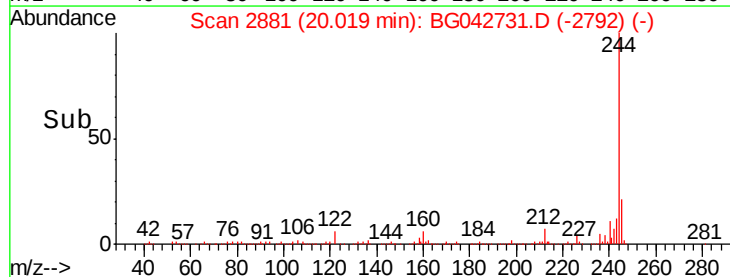
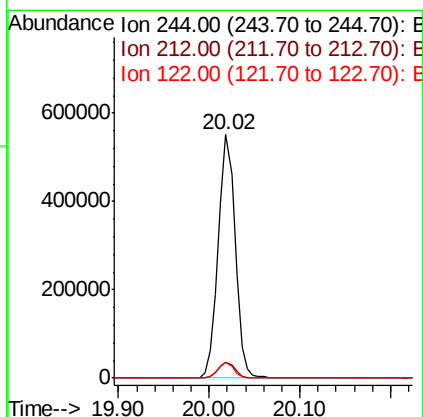
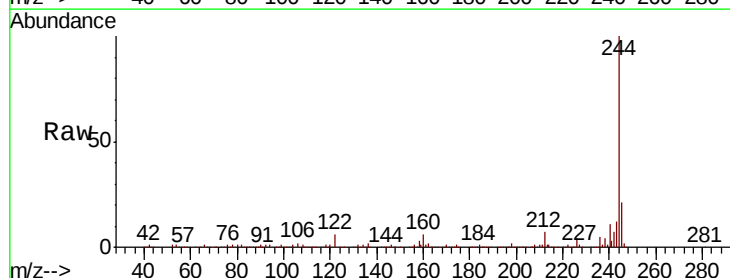
Instrument :
 BNA_G
 ClientSampleId :

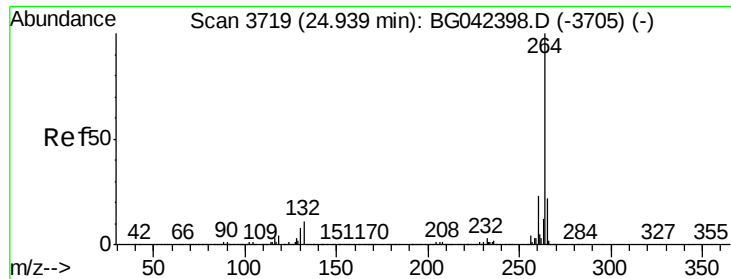
Tot Ion:240 Resp: 241484
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.7 8.5#
 236 24.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 63.997 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG042731.D
 Acq: 5 Sep 2019 21:57

Tgt Ion:244 Resp: 714843
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 6.2 6.7 10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.01 min
 Lab File: BG042731.D
 Acq: 5 Sep 2019 21:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.8	17.6	26.4

