

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042513.D
 Acq On : 27 Aug 2019 20:47
 Operator : HP/JU
 Sample : K4371-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 01:29:01 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

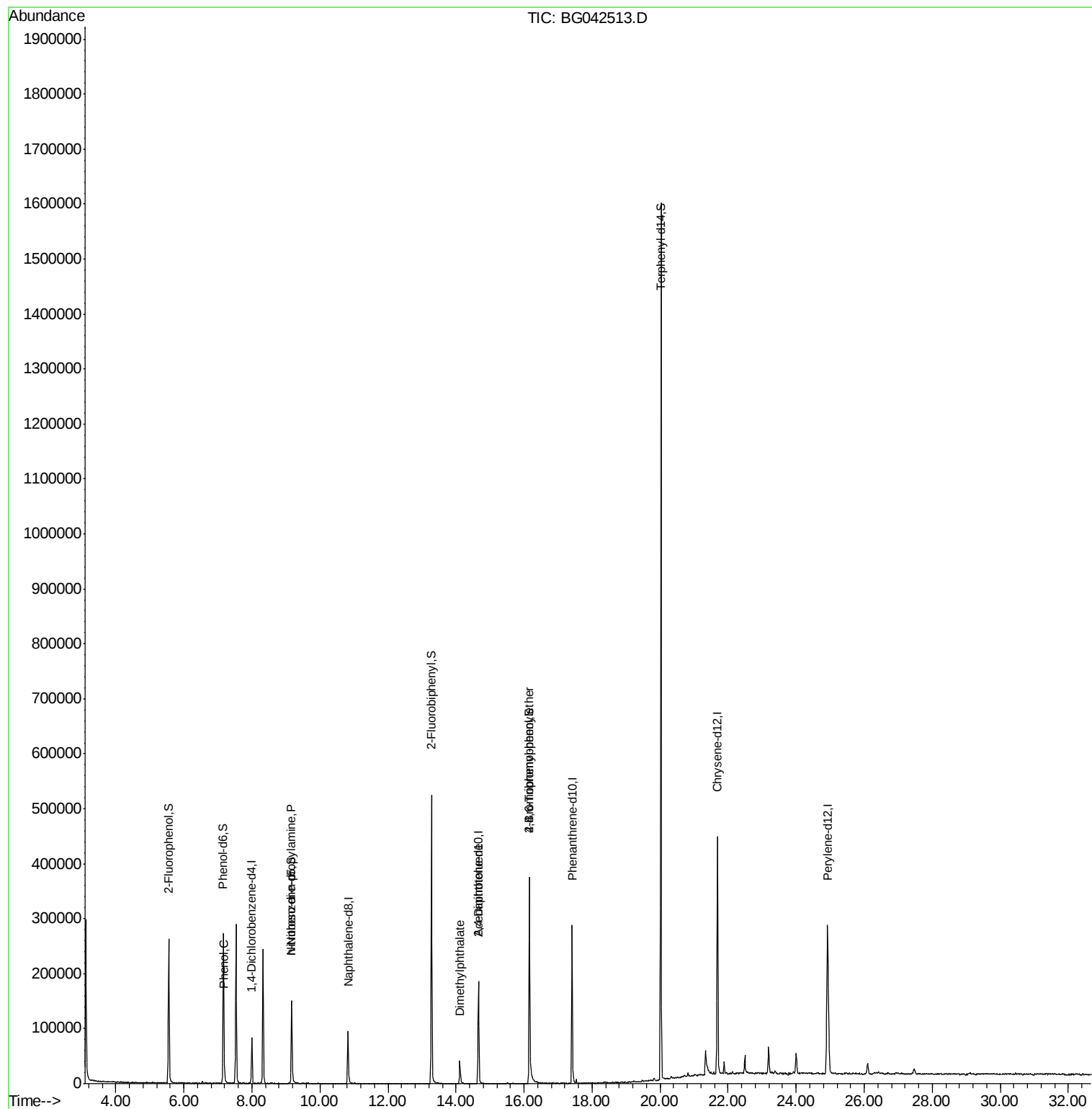
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27369	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	108343	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	83852	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	217587	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	296478	20.00	ng	-0.01
87) Perylene-d12	24.92	264	341351	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	144978	107.28	ng	-0.01
7) Phenol-d6	7.16	99	192889	105.67	ng	-0.01
23) Nitrobenzene-d5	9.16	82	109338	69.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	120985	101.51	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	344071	69.40	ng	0.00
79) Terphenyl-d14	20.02	244	864023	63.00	ng	0.00
Target Compounds						
10) Phenol	7.18	94	5552	2.991	ng	# 55
19) n-Nitroso-di-n-propylamine	9.16	70	13667	11.557	ng	# 73
50) Dimethylphthalate	14.11	163	53554	8.852	ng	98
57) 2,4-Dinitrotoluene	14.66	165	10920	5.438	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	7759	2.811	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042513.D
Acq On : 27 Aug 2019 20:47
Operator : HP/JU
Sample : K4371-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 28 01:29:01 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



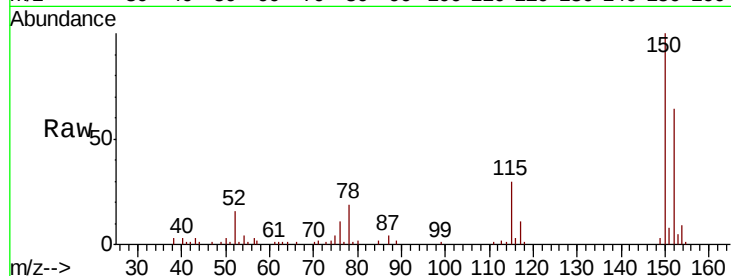


#1

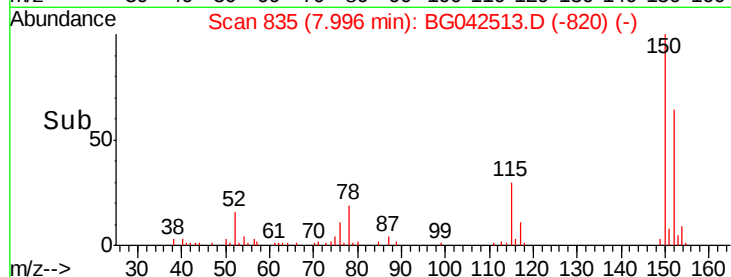
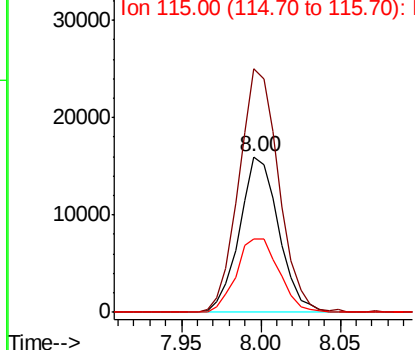
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042513.D
 Acq: 27 Aug 2019 20:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 27369
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.4 188.0
 115 47.2 38.5 57.7



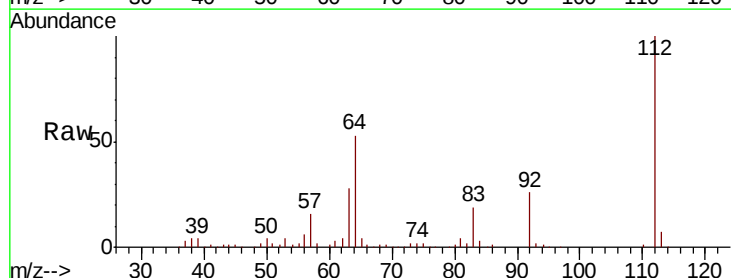
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



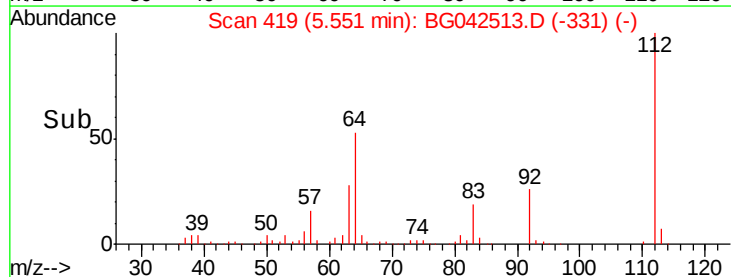
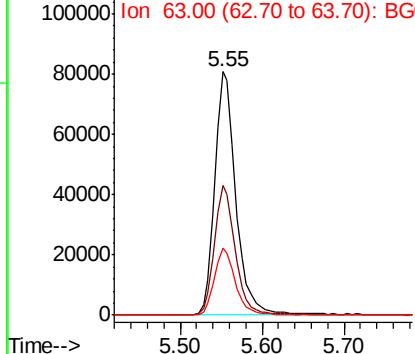
#5

2-Fluorophenol
 Concen: 107.283 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042513.D
 Acq: 27 Aug 2019 20:47

Tgt Ion:112 Resp: 144978
 Ion Ratio Lower Upper
 112 100
 64 53.3 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: 105.670 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042513.D

Acq: 27 Aug 2019 20:47

Instrument :

BNA_G

ClientSampled :

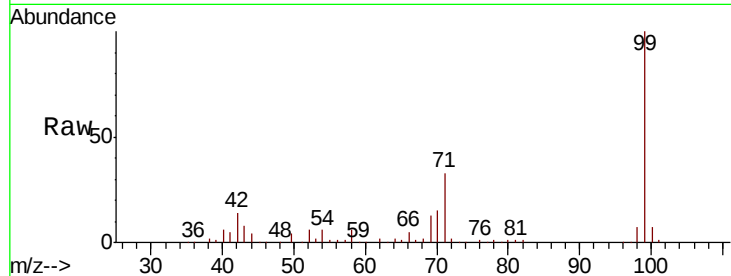
Tot Ion: 99 Resp: 192889

Ion Ratio Lower Upper

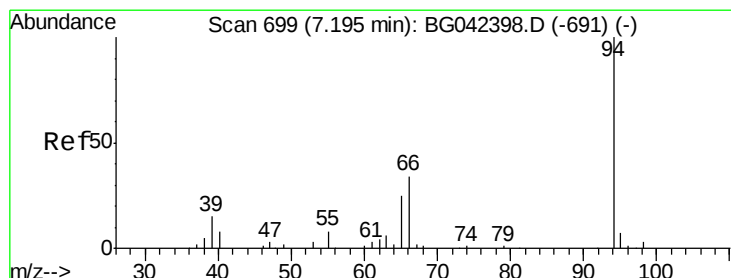
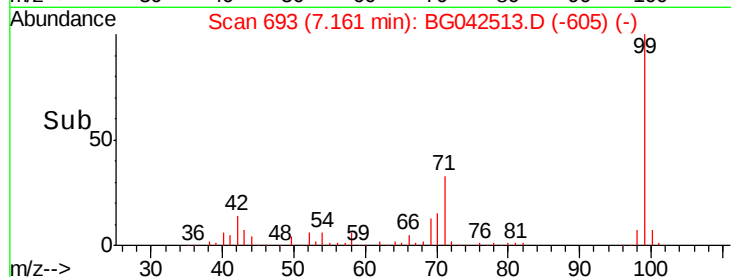
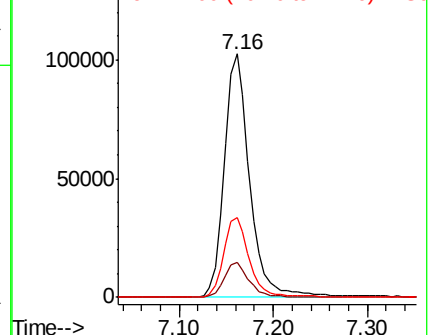
99 100

42 14.4 12.0 18.0

71 32.7 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: 2.991 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042513.D

Acq: 27 Aug 2019 20:47

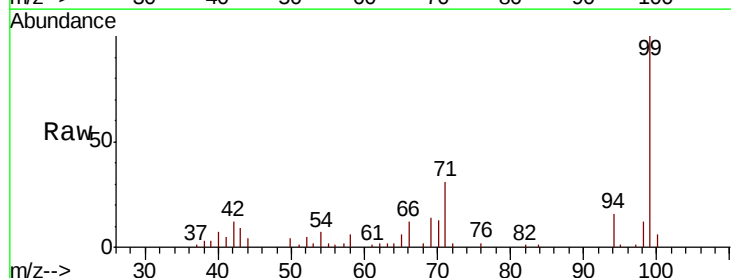
Tgt Ion: 94 Resp: 5552

Ion Ratio Lower Upper

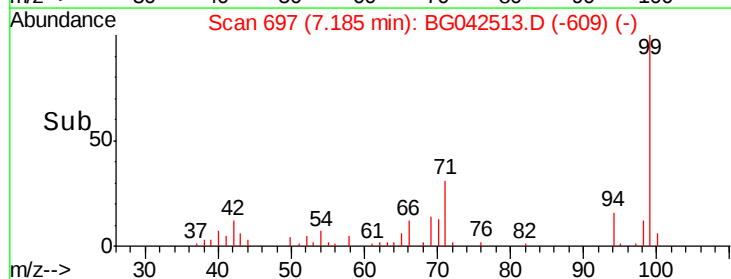
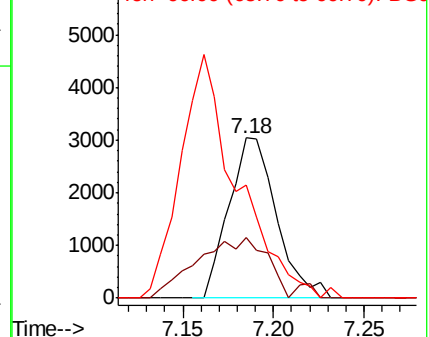
94 100

65 37.8 5.6 45.6

66 70.8 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

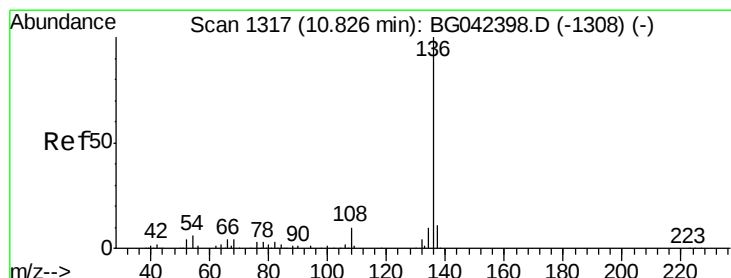
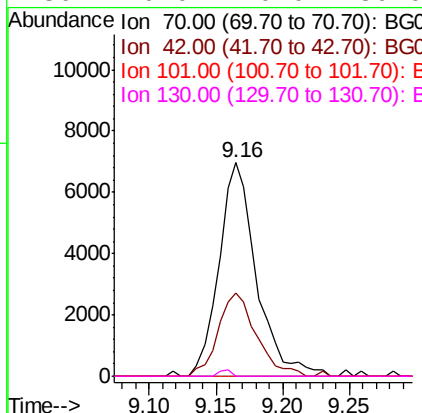
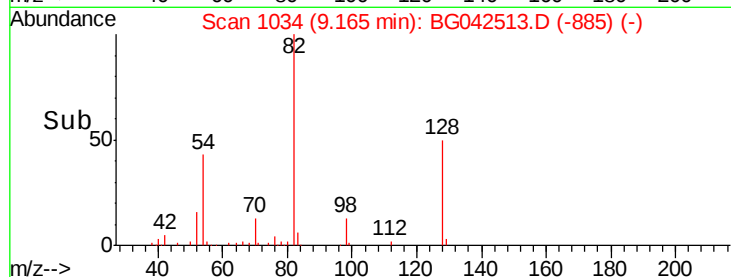
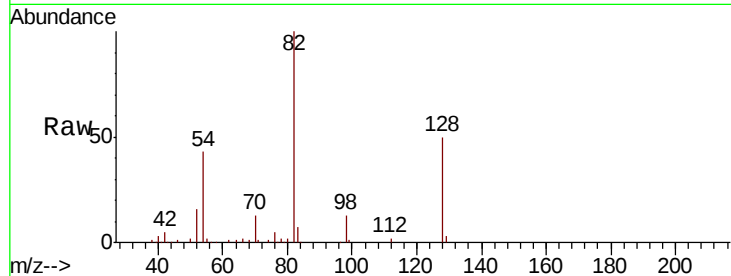




#19
n-Nitroso-di-n-propylamine
Concen: 11.557 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

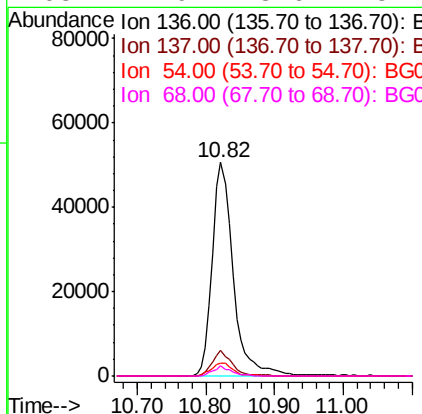
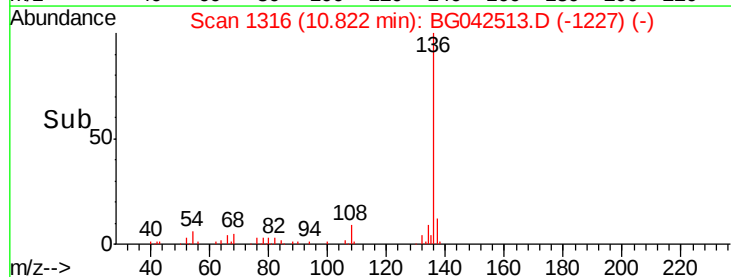
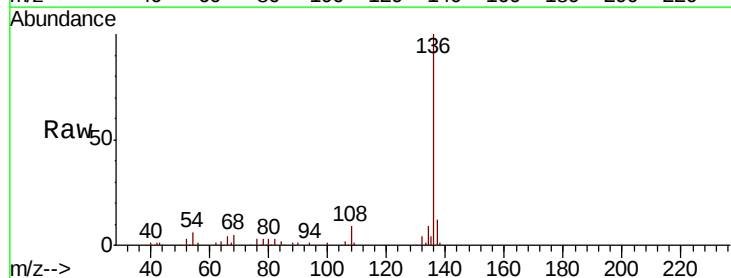
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 13667
Ion Ratio Lower Upper
70 100
42 39.1 38.8 58.2
101 0.0 9.0 13.6#
130 0.0 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion:136 Resp: 108343
Ion Ratio Lower Upper
136 100
137 12.3 8.7 13.1
54 5.8 4.9 7.3
68 4.9 3.6 5.4

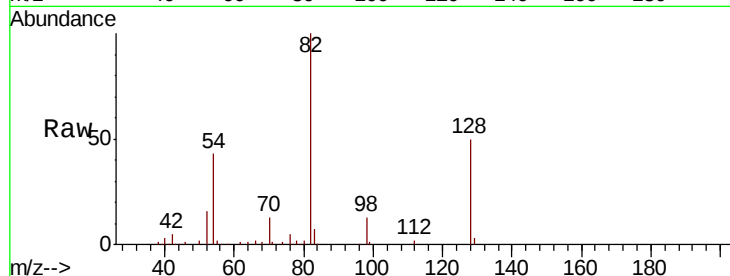




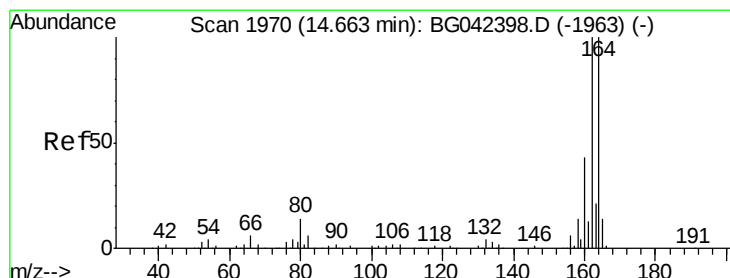
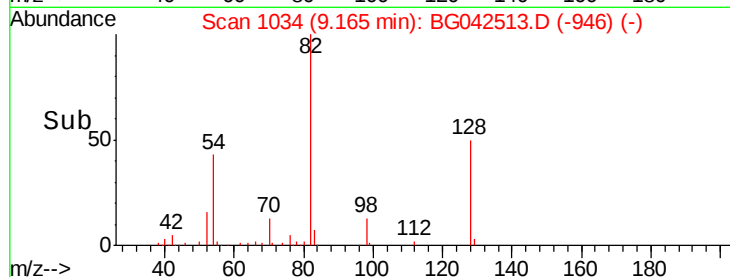
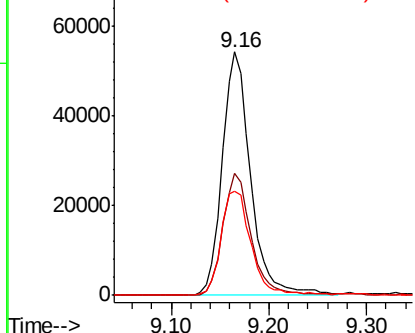
#23
Nitrobenzene-d5
Concen: 69.739 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	109338
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	43.0	36.3	54.5

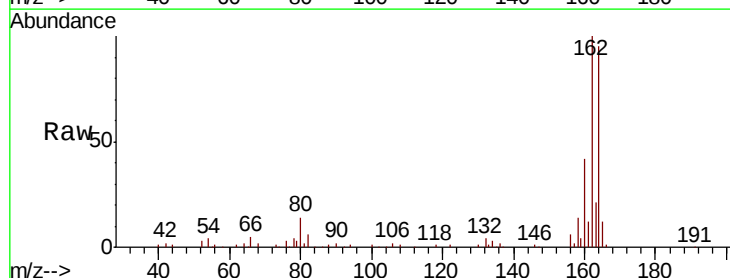


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

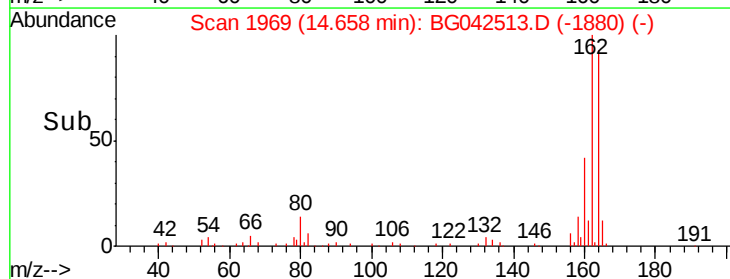
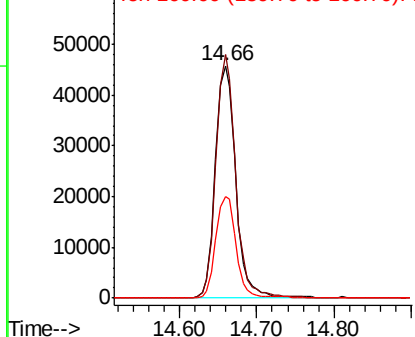


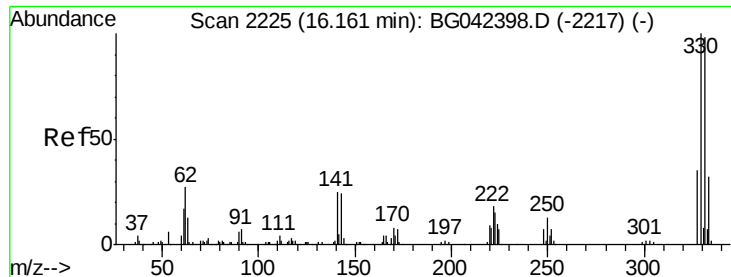
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion	164	Resp	83852
Ion Ratio	Lower	Upper	
164	100		
162	104.9	79.9	119.9
160	43.6	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

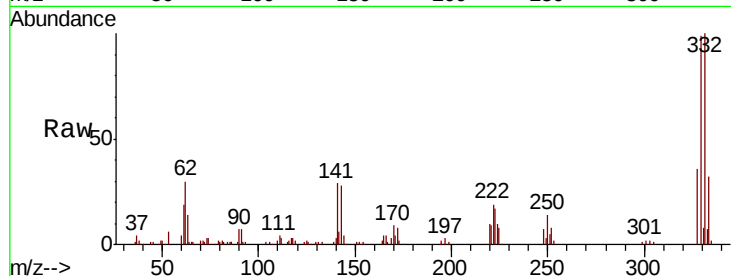




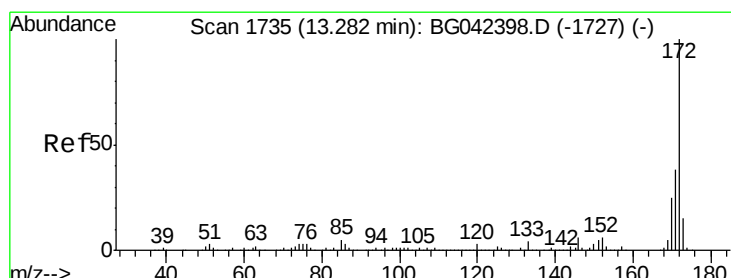
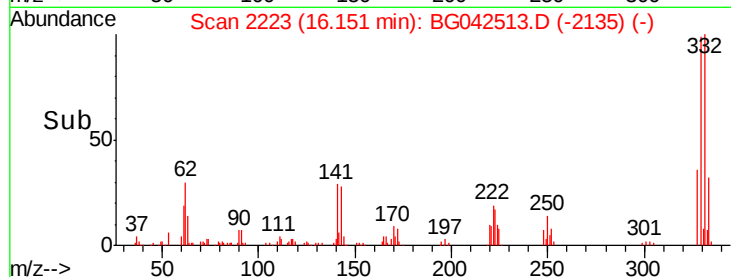
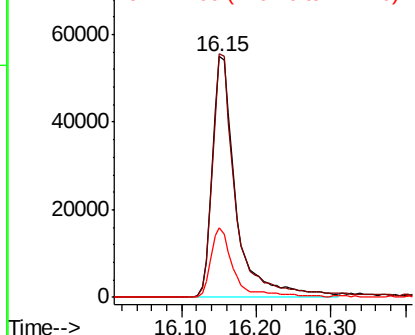
#42
 2,4,6-Tribromophenol
 Concen: 101.513 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042513.D
 Acq: 27 Aug 2019 20:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	28.3	21.4	32.0

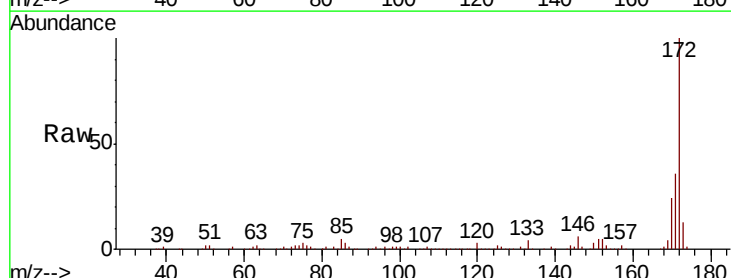


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

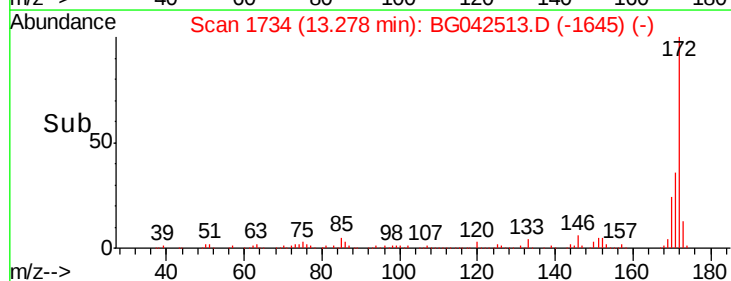
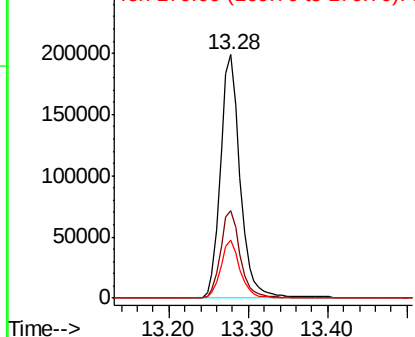


#45
 2-Fluorobiphenyl
 Concen: 69.399 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042513.D
 Acq: 27 Aug 2019 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	24.0	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

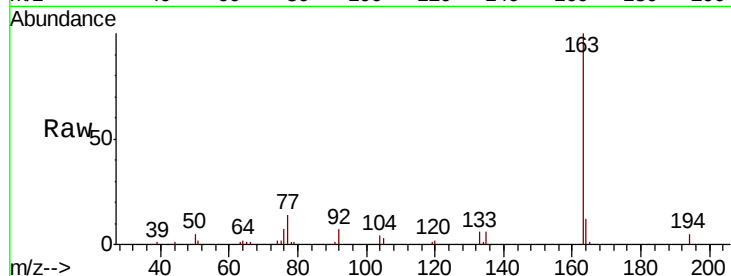




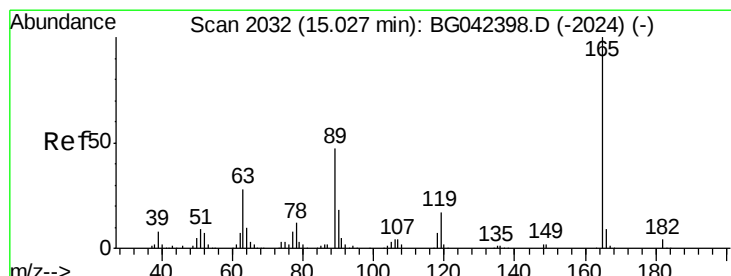
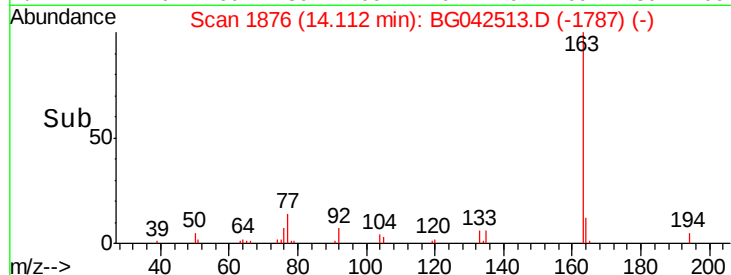
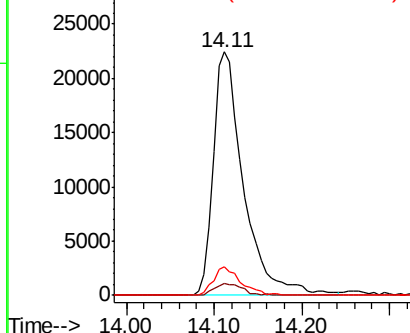
#50
Dimethylphthalate
Concen: 8.852 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 53554
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 11.7 8.8 13.2

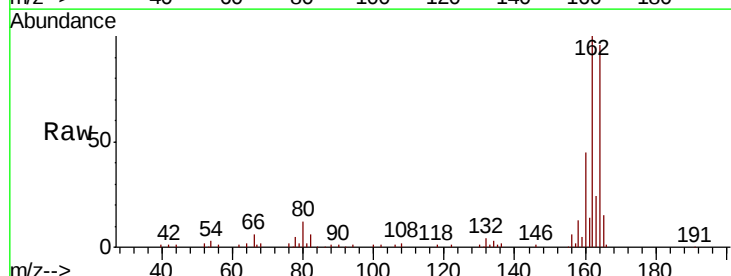


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

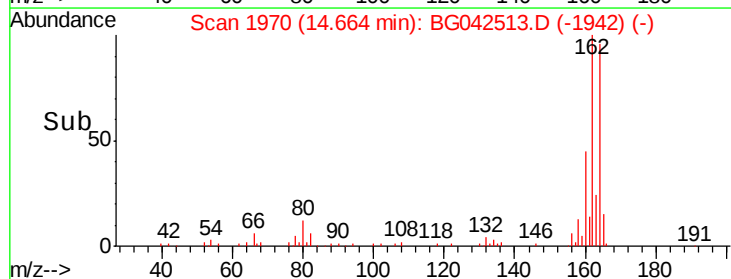
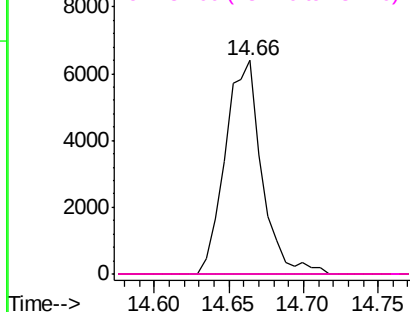


#57
2,4-Dinitrotoluene
Concen: 5.438 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion:165 Resp: 10920
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

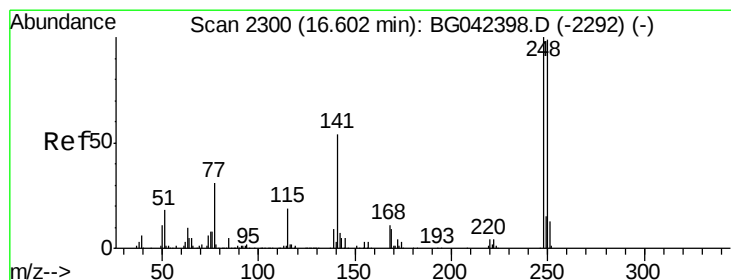
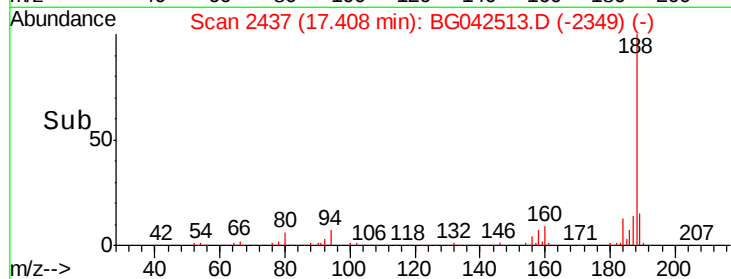
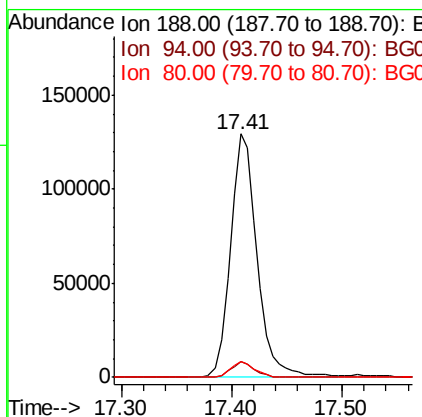
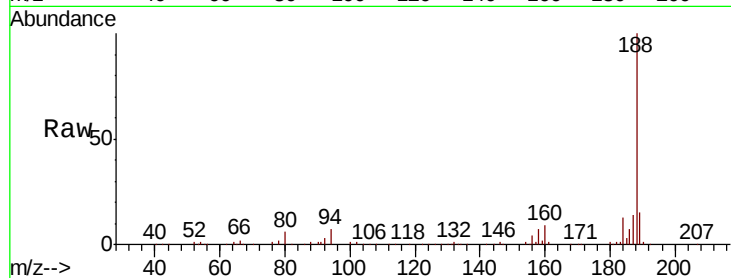




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

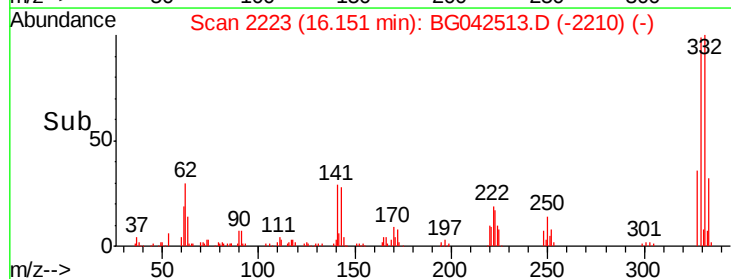
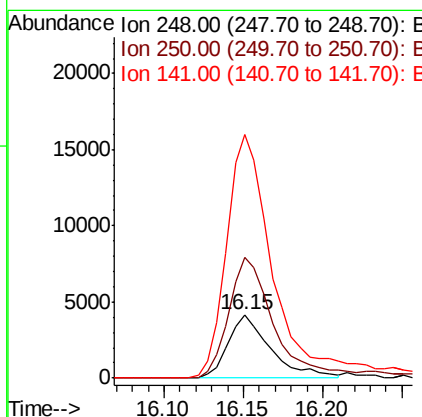
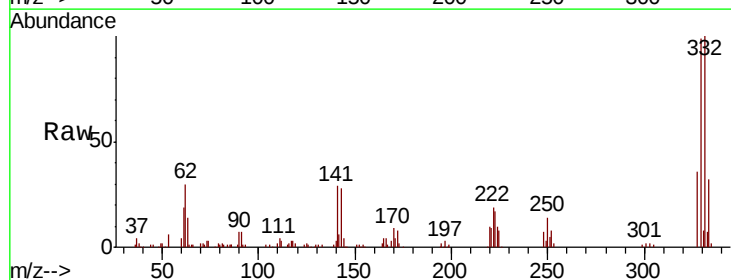
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 217587
Ion Ratio Lower Upper
188 100
94 6.5 4.5 6.7
80 6.4 4.9 7.3



#67
4-Bromophenyl-phenylether
Concen: 2.811 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Tgt Ion:248 Resp: 7759
Ion Ratio Lower Upper
248 100
250 191.3 78.9 118.3#
141 384.7 43.3 64.9#

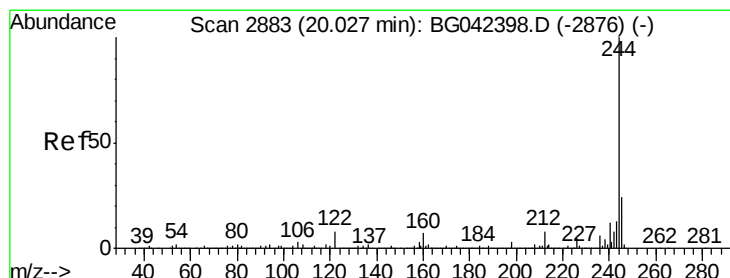
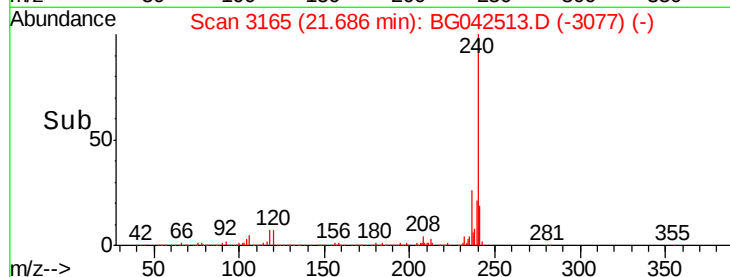
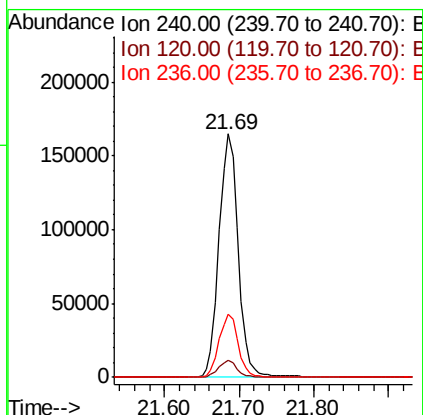
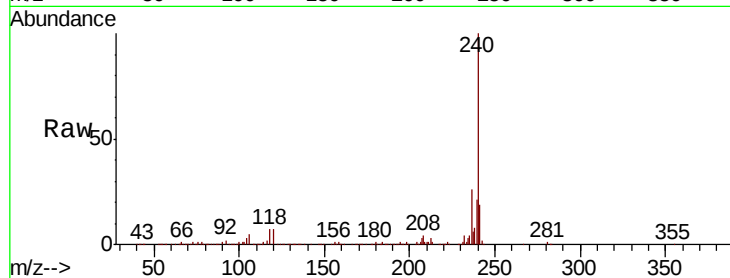




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042513.D
 Acq: 27 Aug 2019 20:47

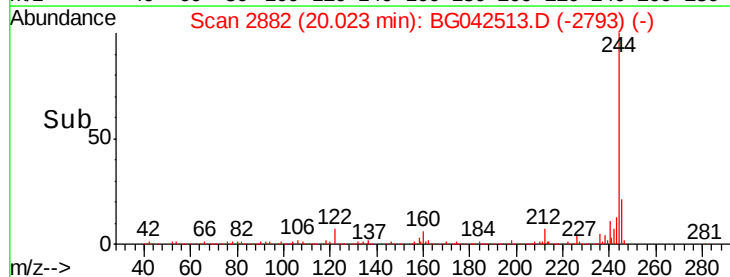
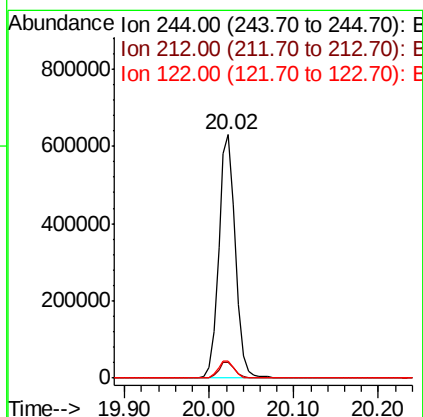
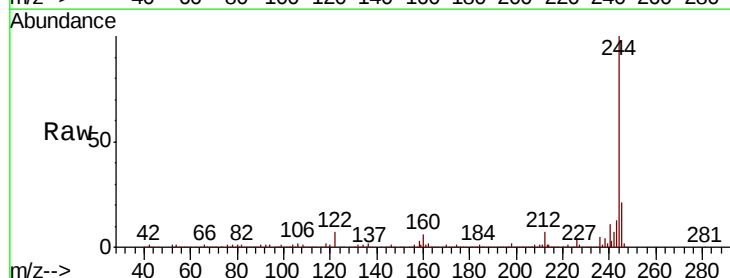
Instrument :
 BNA_G
 ClientSampleId :

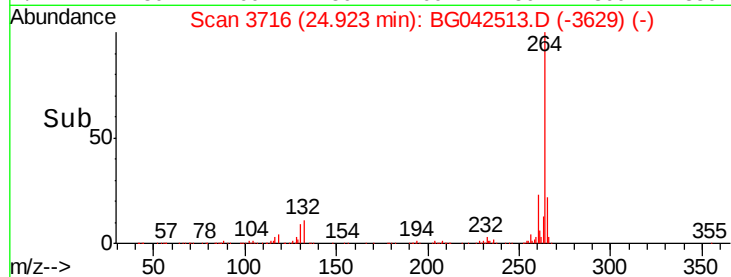
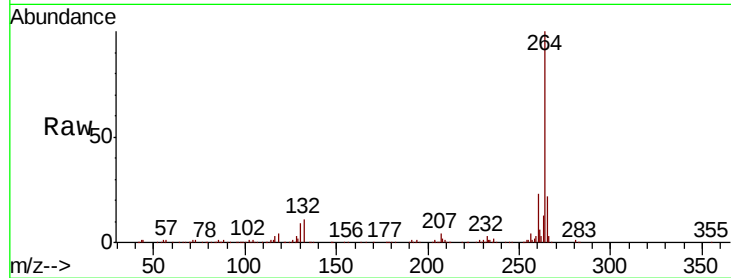
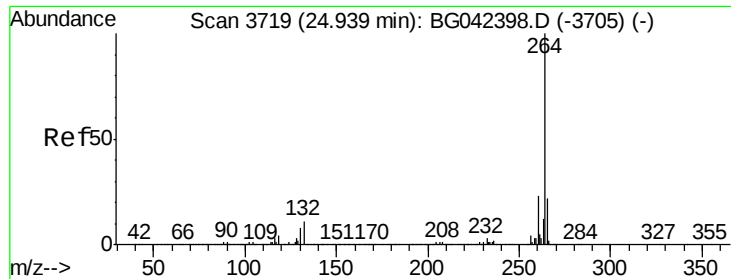
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	26.2	21.0	31.4



#79
 Terphenyl-d14
 Concen: 63.005 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042513.D
 Acq: 27 Aug 2019 20:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	7.1	6.7	10.1





#87
Pervlone-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042513.D
Acq: 27 Aug 2019 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.5	17.6	26.4

