

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042574.D
 Acq On : 29 Aug 2019 20:49
 Operator : HP/JU
 Sample : K4549-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619

Quant Time: Aug 30 05:35:28 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

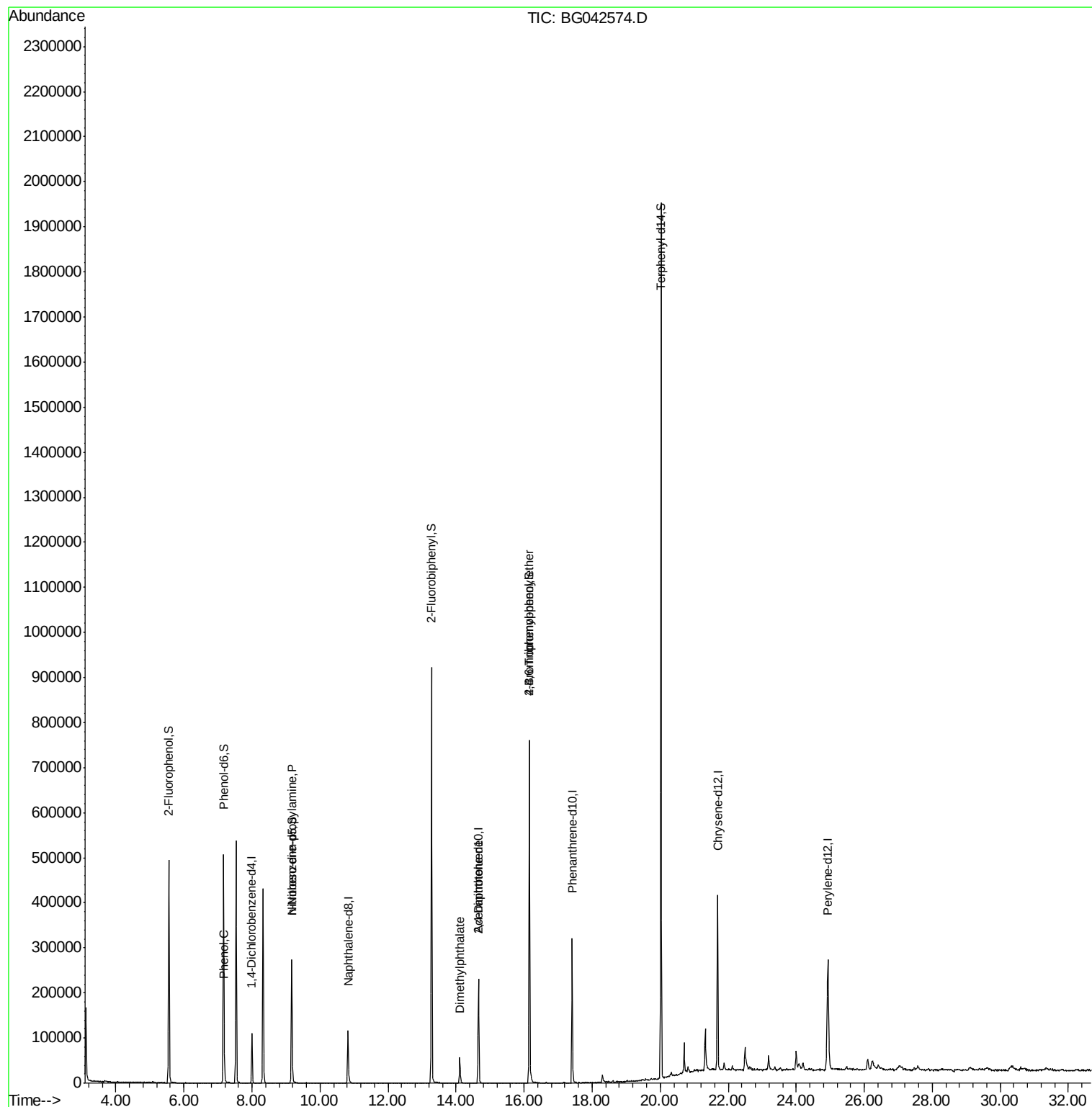
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36010	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133211	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98502	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	232905	20.00	ng	0.00
76) Chrysene-d12	21.68	240	257581	20.00	ng	-0.01
87) Perylene-d12	24.93	264	303554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	248999	140.04	ng	0.00
7) Phenol-d6	7.17	99	331144	137.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	186284	96.64	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	203987	145.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	564935	97.00	ng	0.00
79) Terphenyl-d14	20.02	244	1039764	87.27	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7749	3.173	ng	# 68
19) n-Nitroso-di-n-propylamine	9.17	70	24181	15.541	ng	# 78
50) Dimethylphthalate	14.11	163	60745	8.547	ng	# 98
57) 2,4-Dinitrotoluene	14.66	165	12794	5.423	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13755	4.656	ng	# 1

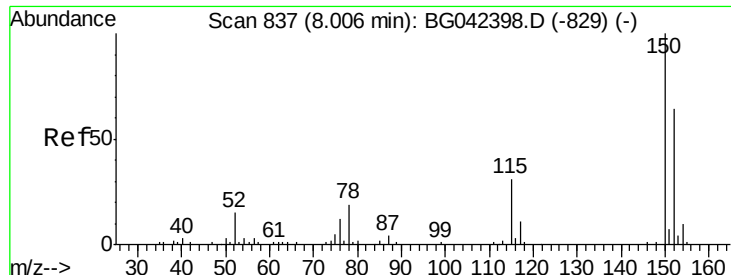
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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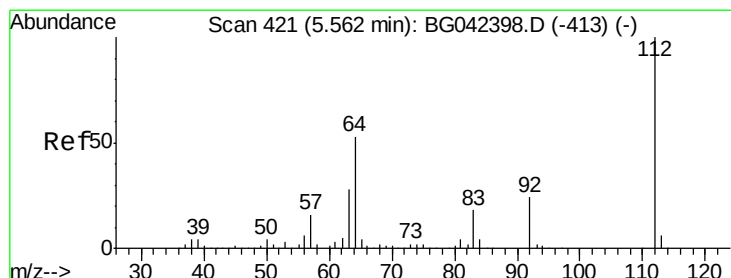
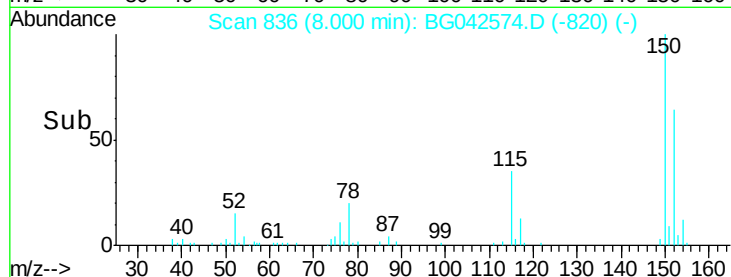
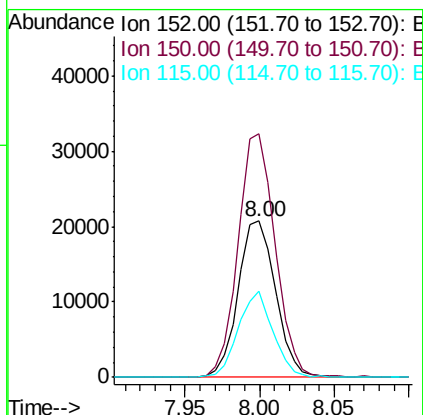
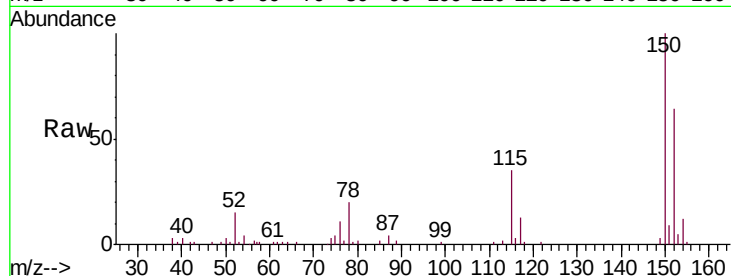


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619

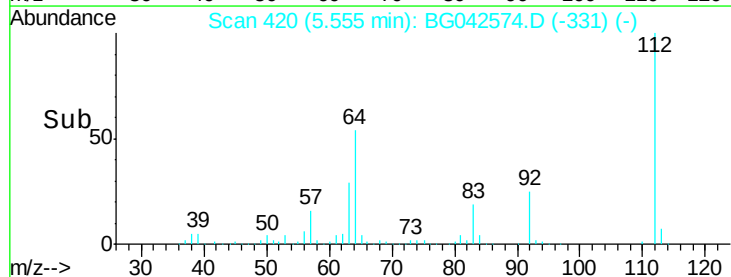
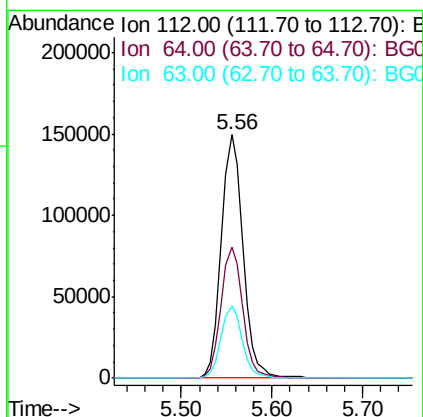
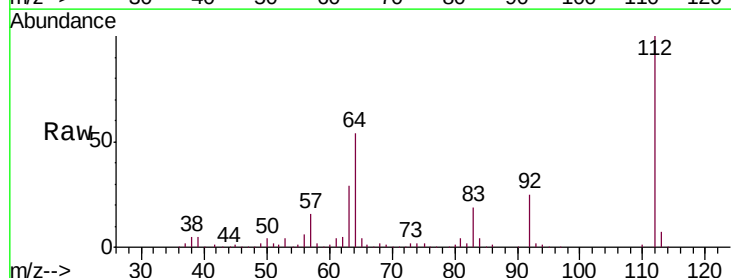
Tgt Ion:152 Resp: 36010
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.0
115 54.9 38.5 57.7

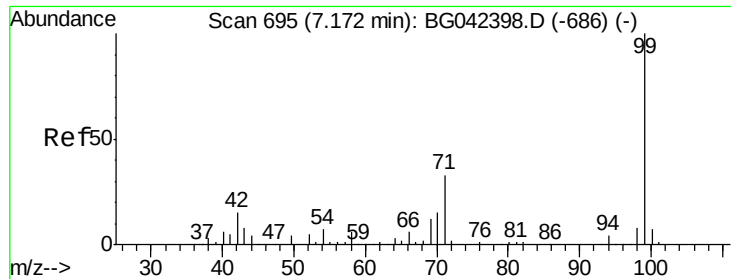


#5

2-Fluorophenol
Concen: 140.043 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Tgt Ion:112 Resp: 248999
Ion Ratio Lower Upper
112 100
64 53.8 42.8 64.2
63 29.4 22.7 34.1





#7

Phenol-d6

Concen: 137.879 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

Instrument :

BNA_G

ClientSampleId :

S700A-N-1.0-1.5-082619

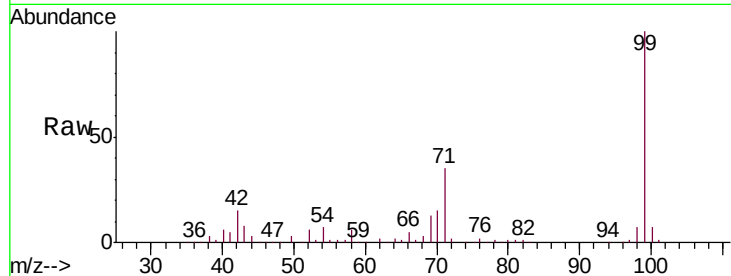
Tgt Ion: 99 Resp: 331144

Ion Ratio Lower Upper

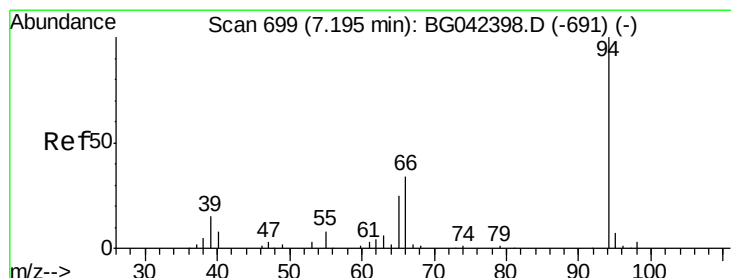
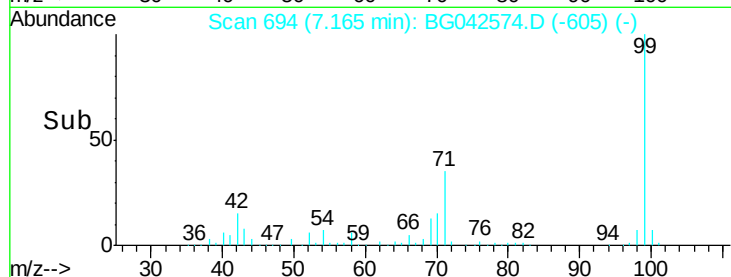
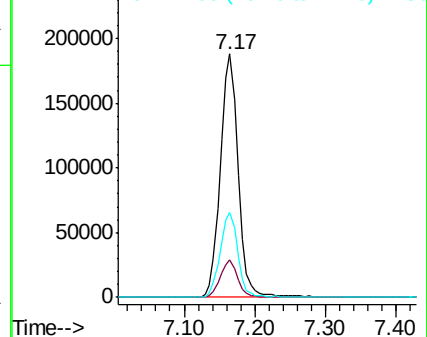
99 100

42 15.3 12.0 18.0

71 35.1 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: 3.173 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

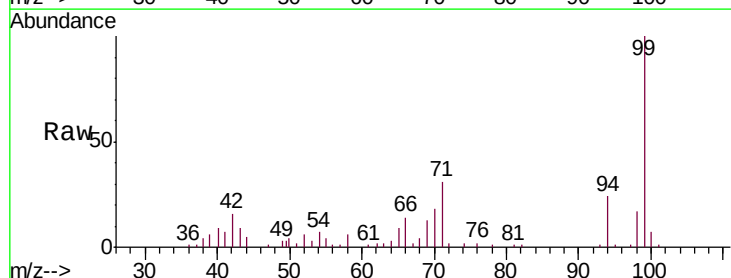
Tgt Ion: 94 Resp: 7749

Ion Ratio Lower Upper

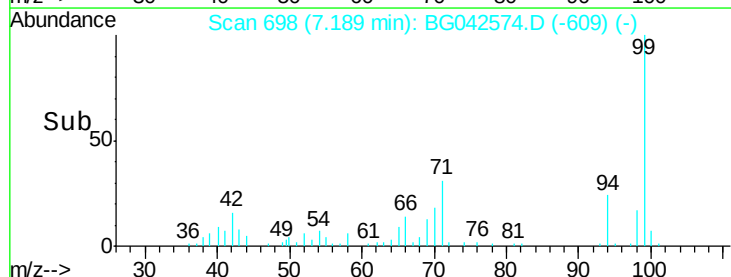
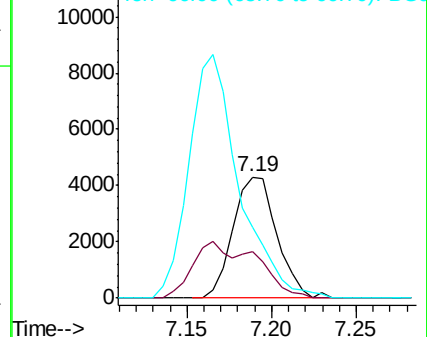
94 100

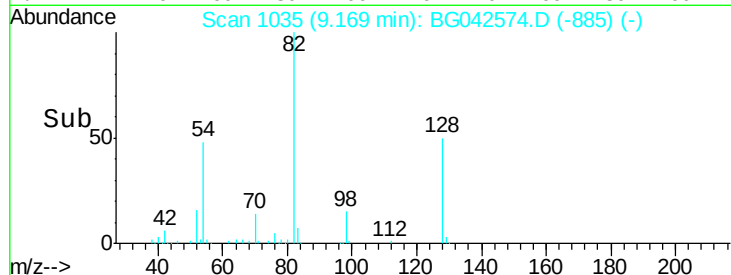
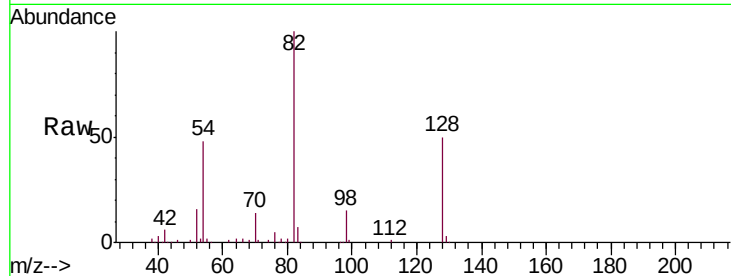
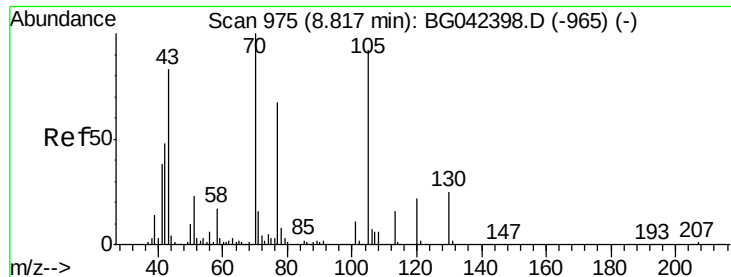
65 38.0 5.6 45.6

66 58.4 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

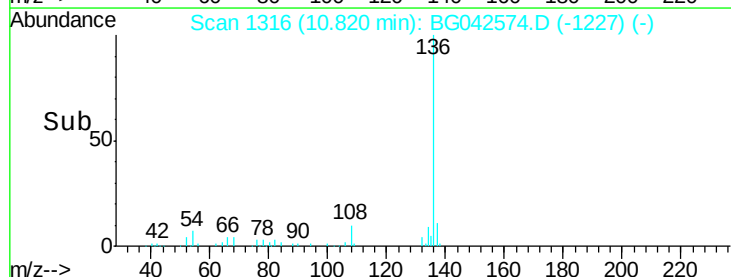
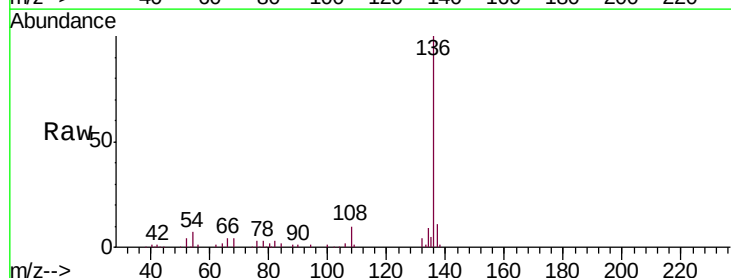
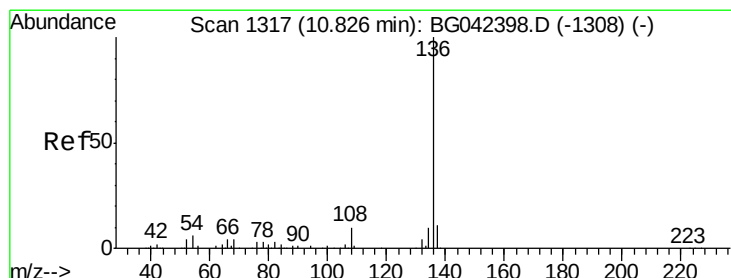
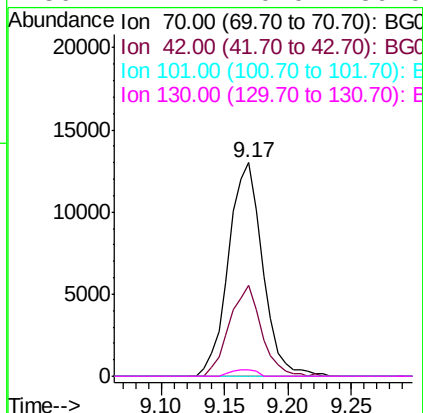




#19
n-Nitroso-di-n-propylamine
Concen: 15.541 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

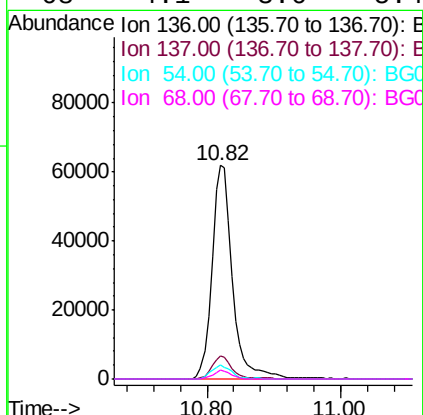
Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619

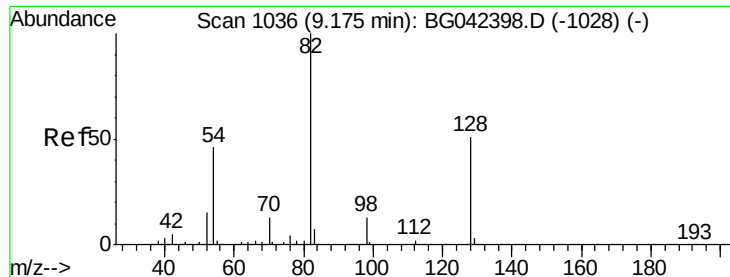
Tgt Ion:	70	Resp:	24181
Ion	Ratio	Lower	Upper
70	100		
42	42.8	38.8	58.2
101	0.0	9.0	13.6#
130	2.7	20.0	30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Tgt Ion:	136	Resp:	133211
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.8	4.9	7.3
68	4.1	3.6	5.4

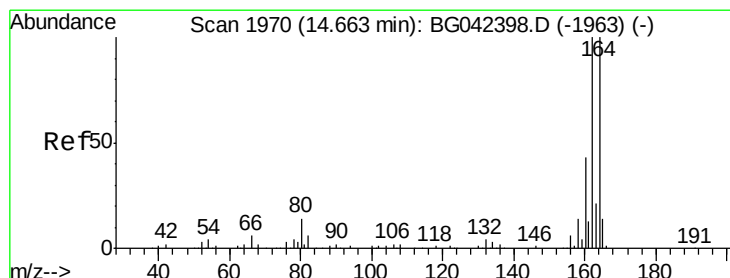
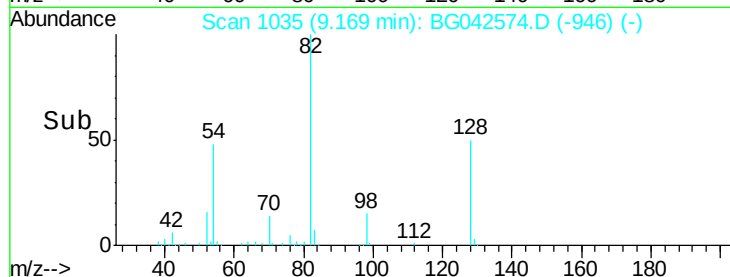
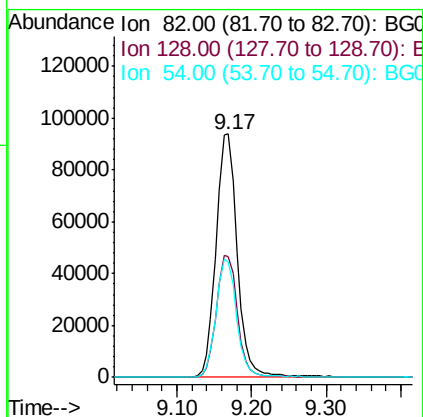
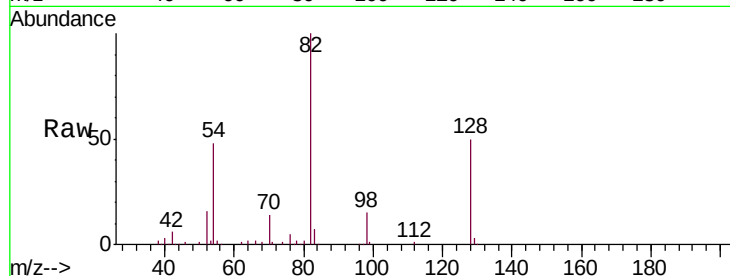




#23
 Nitrobenzene-d5
 Concen: 96.636 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042574.D
 Acq: 29 Aug 2019 20:49

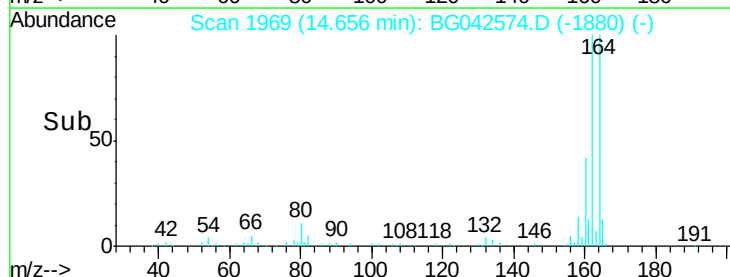
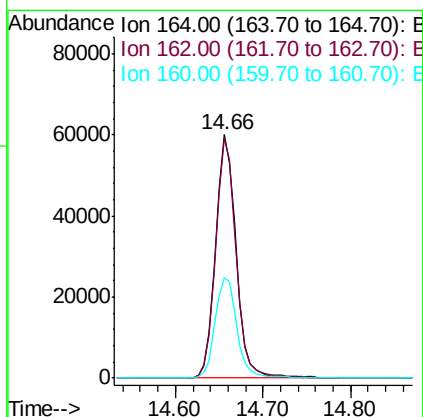
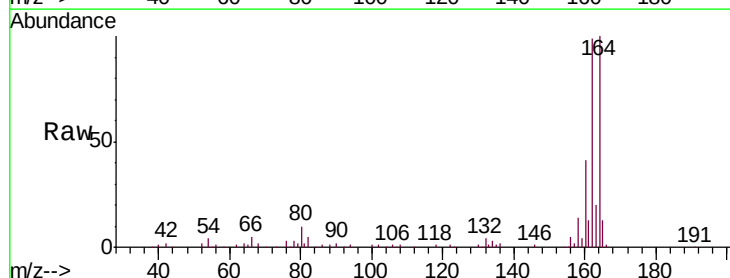
Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619

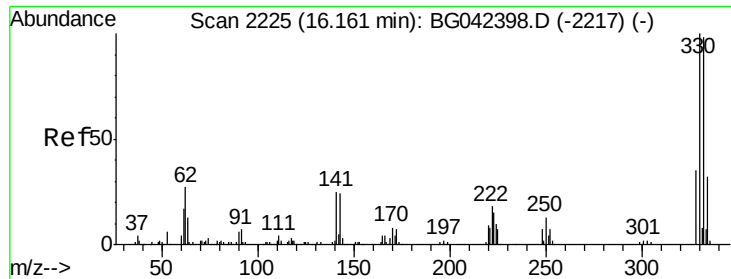
Tgt Ion: 82 Resp: 186284
 Ion Ratio Lower Upper
 82 100
 128 49.8 40.7 61.1
 54 47.7 36.3 54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042574.D
 Acq: 29 Aug 2019 20:49

Tgt Ion: 164 Resp: 98502
 Ion Ratio Lower Upper
 164 100
 162 98.6 79.9 119.9
 160 41.0 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 145.700 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

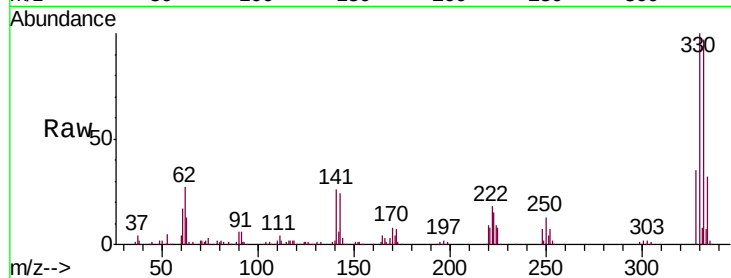
Instrument :

BNA_G

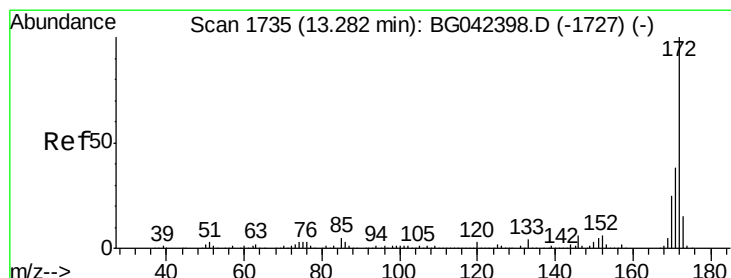
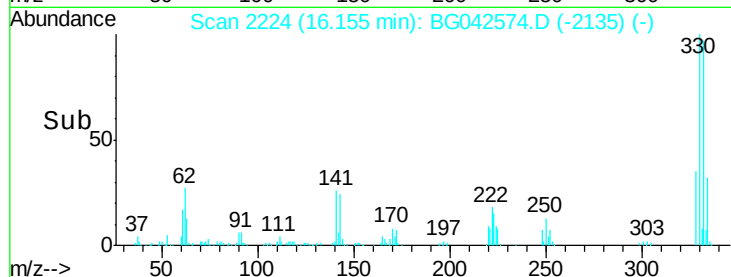
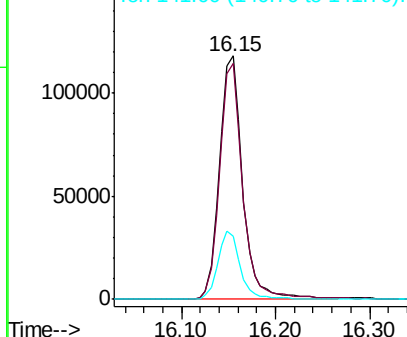
ClientSampleId :

S700A-N-1.0-1.5-082619

Tgt Ion:	330	Resp:	203987
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	27.2	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: 97.000 ng

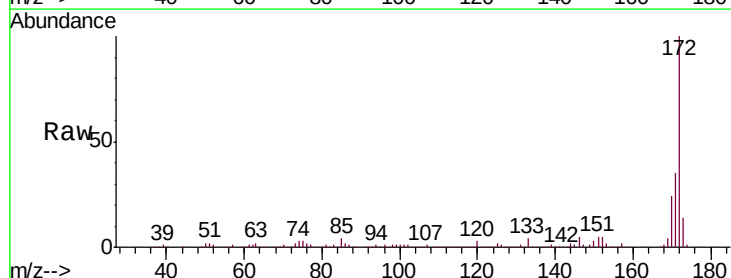
RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

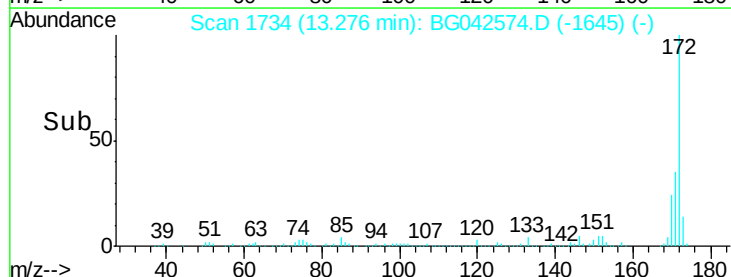
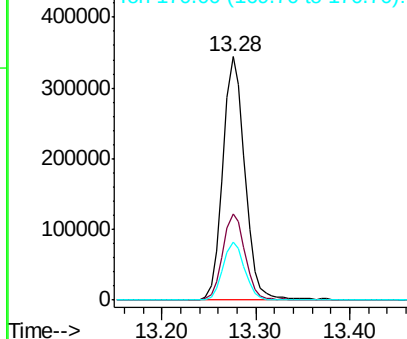
Lab File: BG042574.D

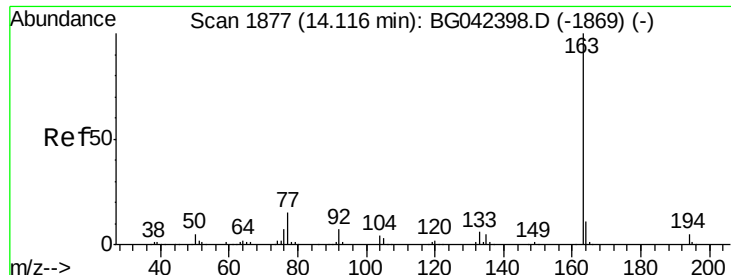
Acq: 29 Aug 2019 20:49

Tgt Ion:	172	Resp:	564935
Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

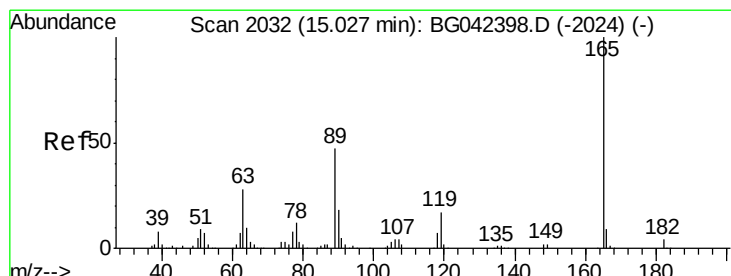
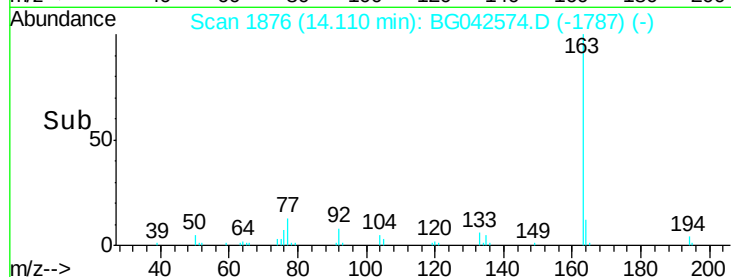
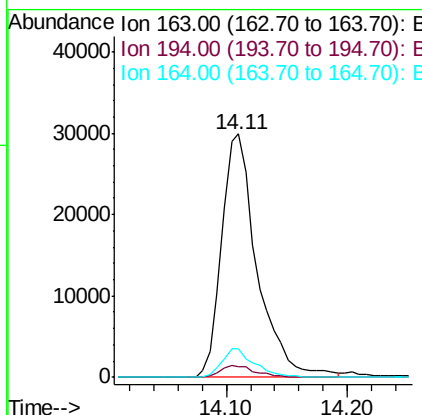
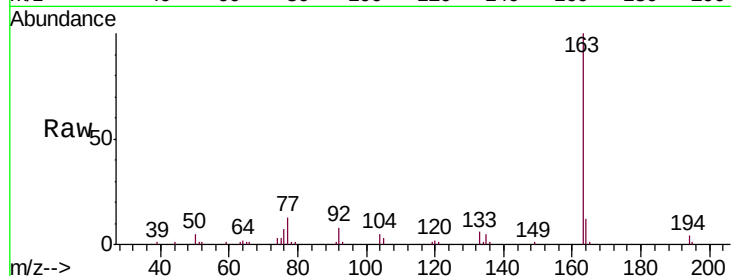




#50
Dimethylphthalate
Concen: 8.547 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

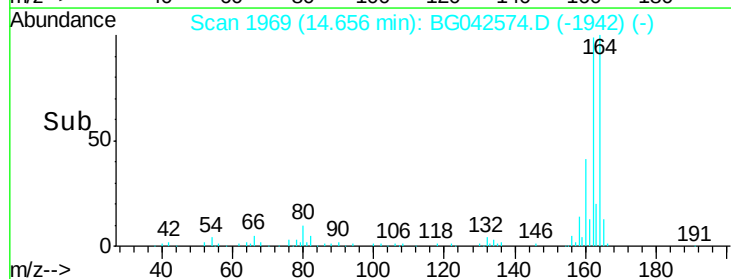
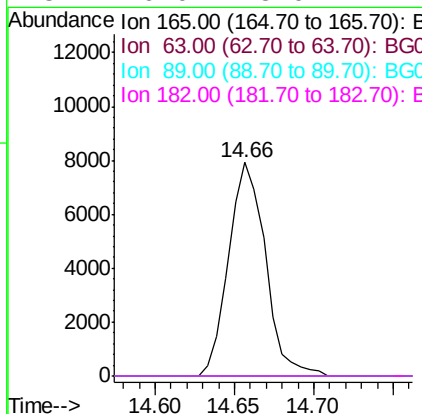
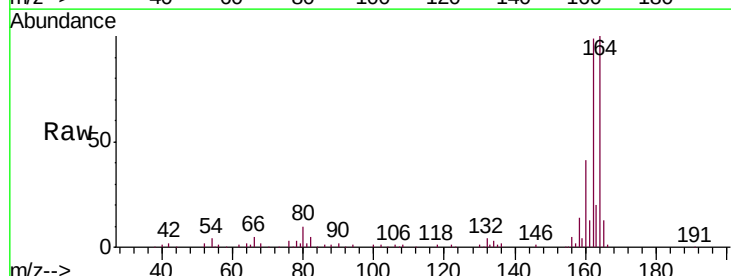
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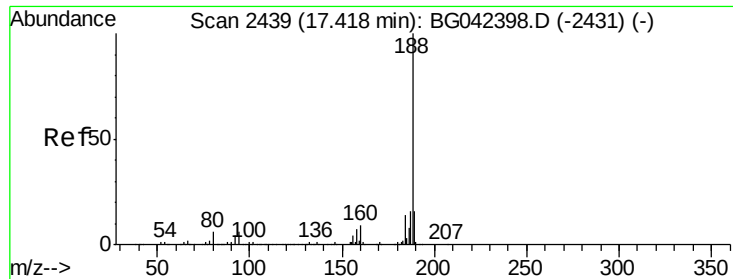
Tgt Ion:163 Resp: 60745
Ion Ratio Lower Upper
163 100
194 4.2 4.2 6.2
164 11.7 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.423 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Tgt Ion:165 Resp: 12794
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

Instrument :

BNA_G

ClientSampleId :

S700A-N-1.0-1.5-082619

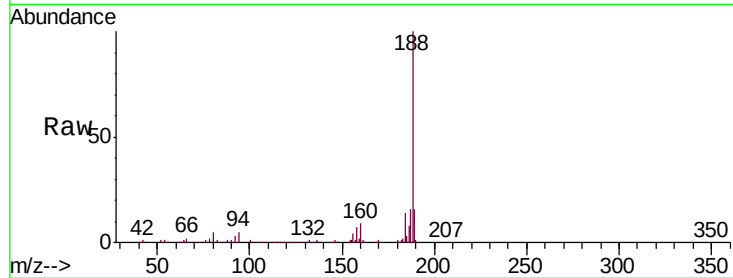
Tgt Ion:188 Resp: 232905

Ion Ratio Lower Upper

188 100

94 5.3 4.5 6.7

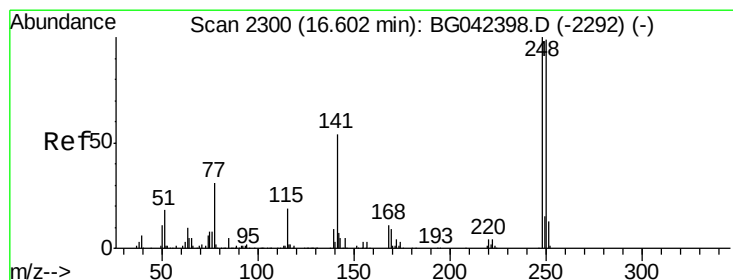
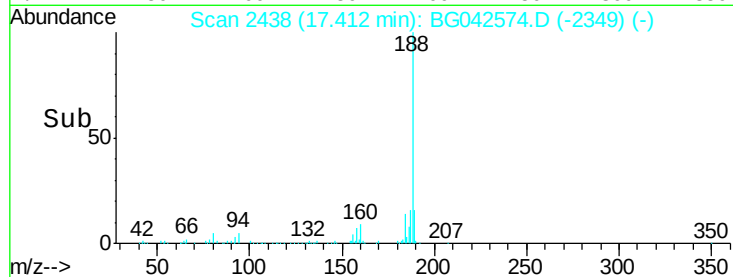
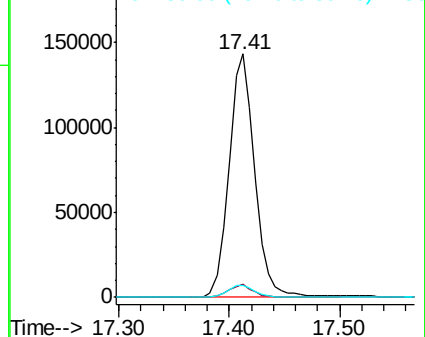
80 5.0 4.9 7.3



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: 4.656 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG042574.D

Acq: 29 Aug 2019 20:49

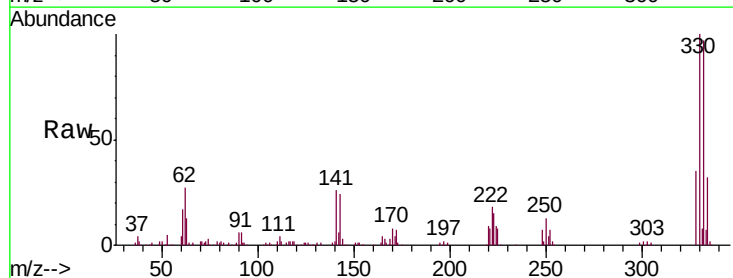
Tgt Ion:248 Resp: 13755

Ion Ratio Lower Upper

248 100

250 179.1 78.9 118.3#

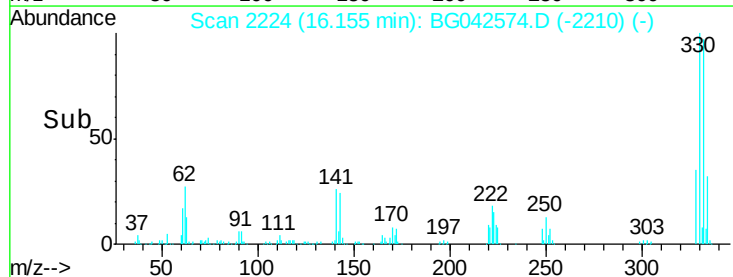
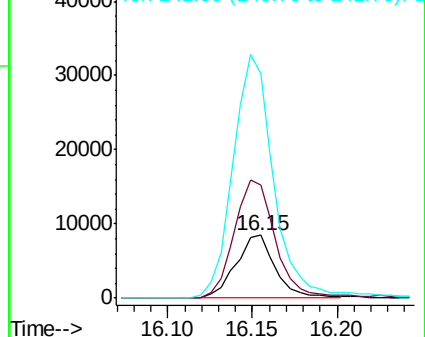
141 357.1 43.3 64.9#

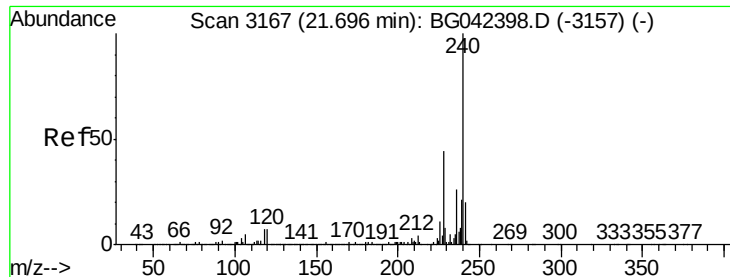


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

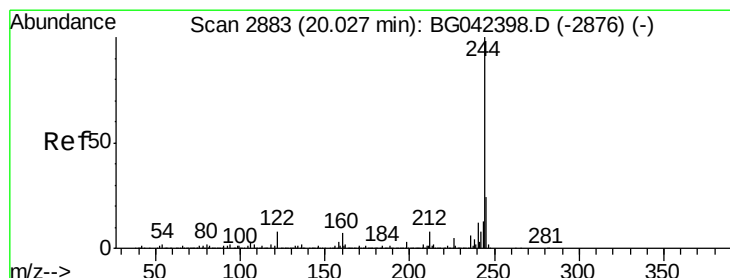
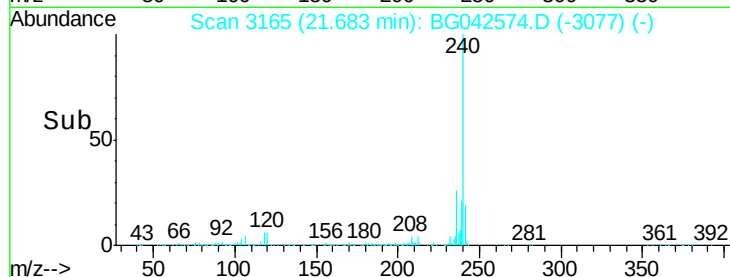
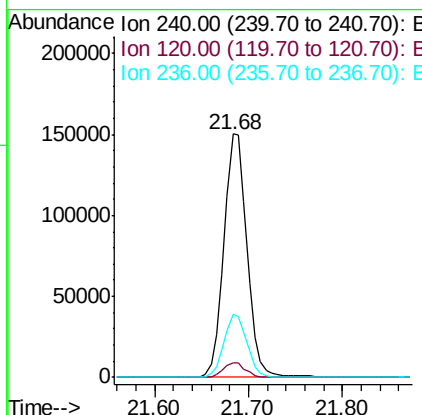
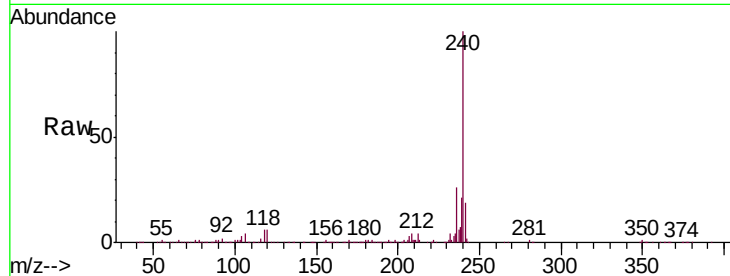




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

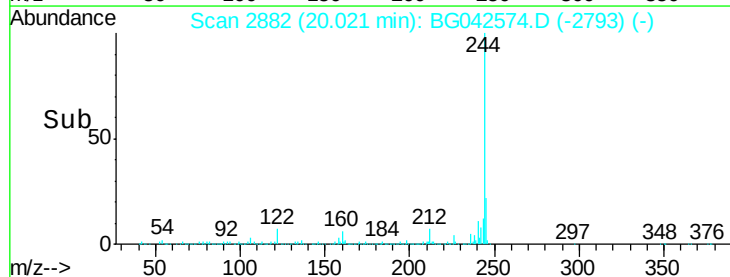
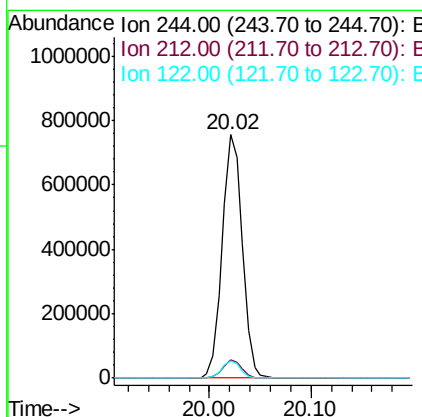
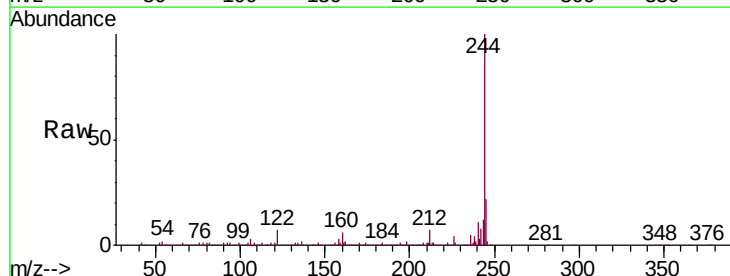
Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619

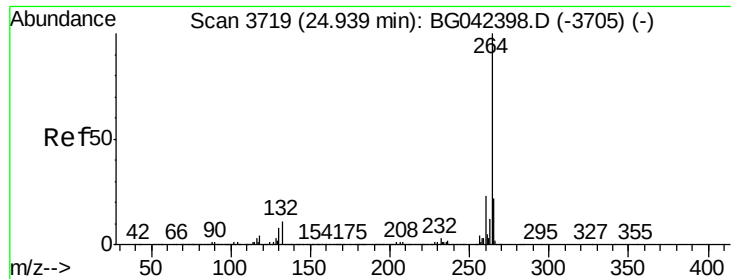
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	25.7	21.0	31.4



#79
Terphenyl-d14
Concen: 87.269 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.0	6.7	10.1

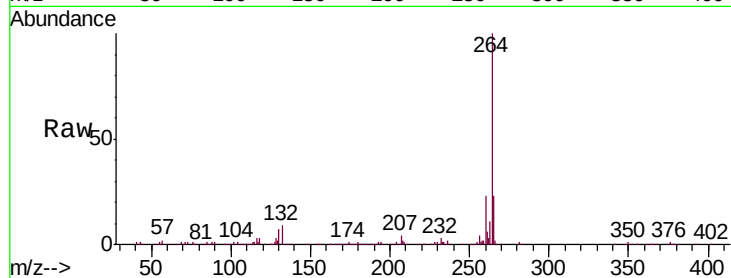




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042574.D
Acq: 29 Aug 2019 20:49

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619

Tgt Ion:	264	Resp:	303554
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.6	17.6	26.4



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

