

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044374.D
 Acq On : 11 Feb 2020 4:31
 Operator : CG/JU
 Sample : L1472-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 06:24:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

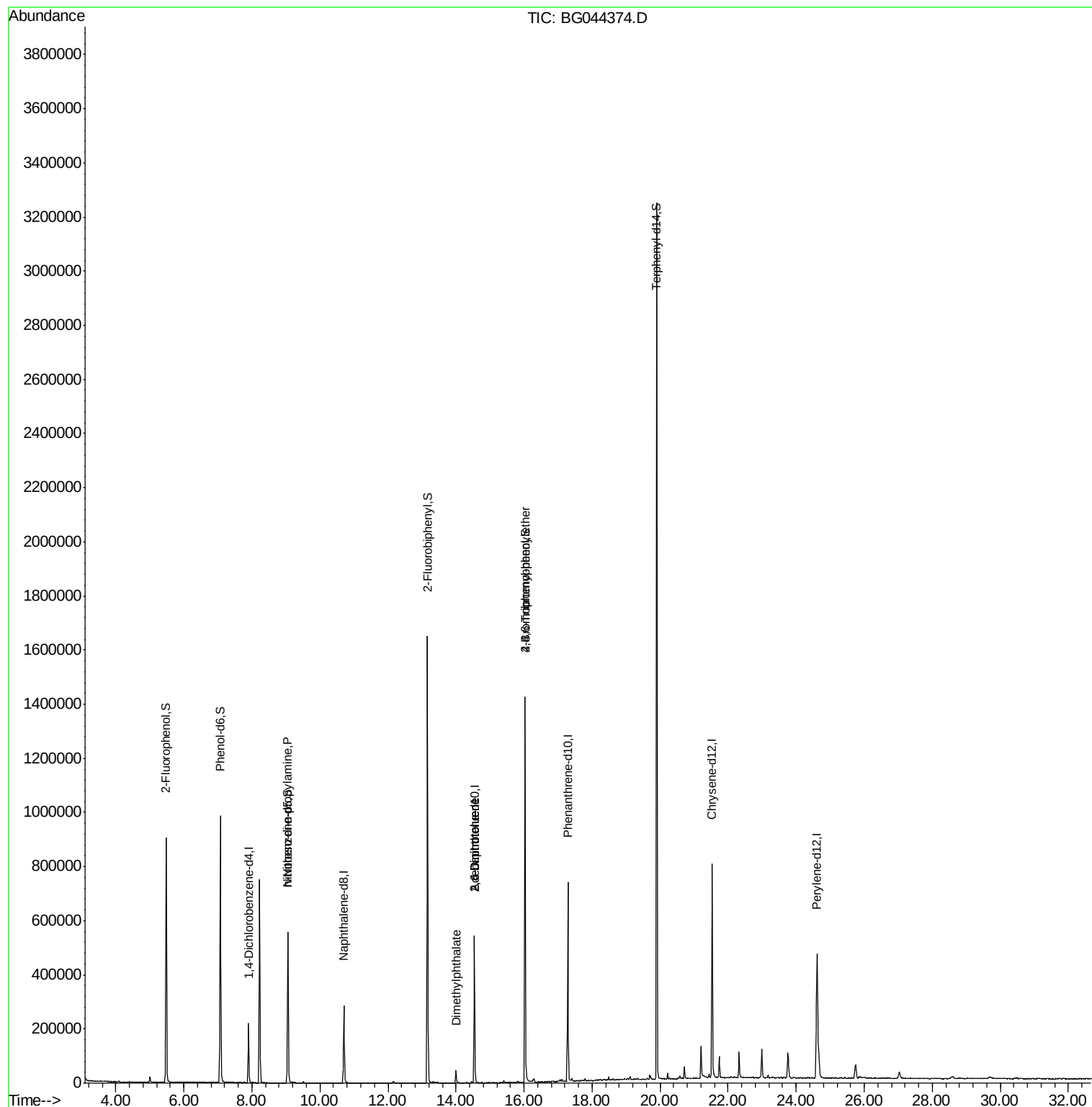
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	65286	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	282417	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	195508	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	483437	20.00	ng	0.00
76) Chrysene-d12	21.53	240	472291	20.00	ng	0.00
87) Perylene-d12	24.62	264	488687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	464347	125.52	ng	0.00
7) Phenol-d6	7.07	99	626591	126.14	ng	0.00
23) Nitrobenzene-d5	9.06	82	367984	73.56	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	282409	123.05	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	920760	78.86	ng	0.00
79) Terphenyl-d14	19.90	244	1557688	67.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	47756	14.425	ng	# 79
50) Dimethylphthalate	14.00	163	41376	2.944	ng	# 96
51) 2,6-Dinitrotoluene	14.54	165	25439	8.118	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	25439	5.792	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	18770	3.564	ng	# 1

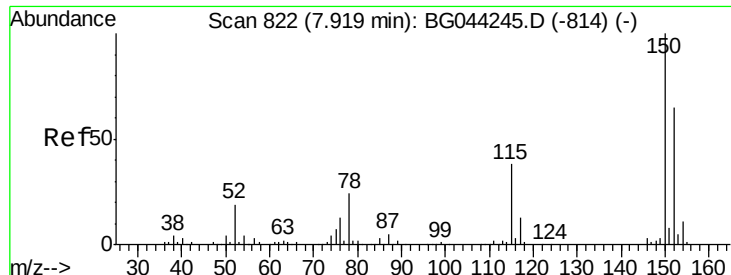
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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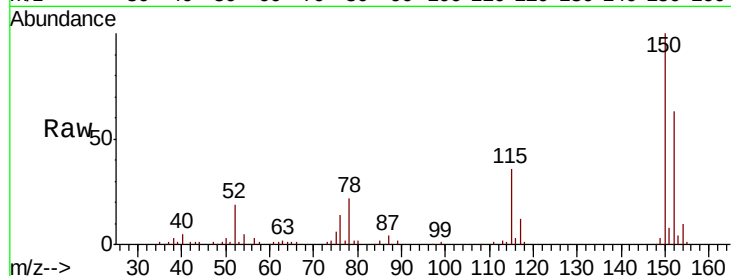


#1

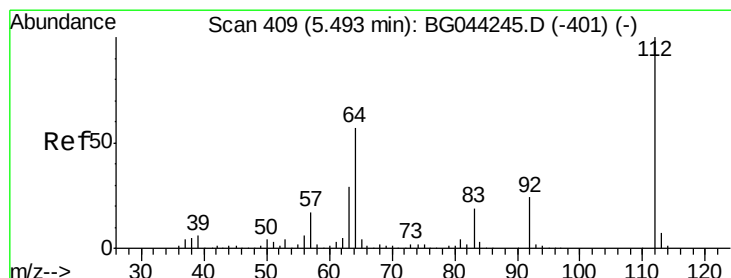
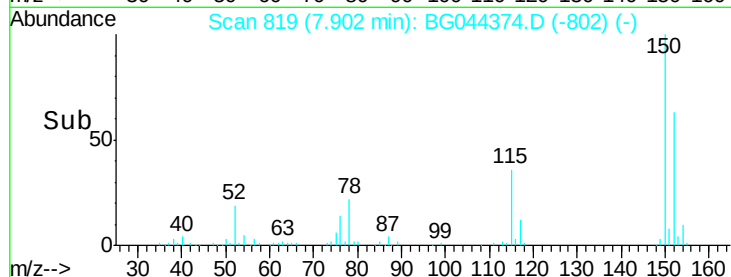
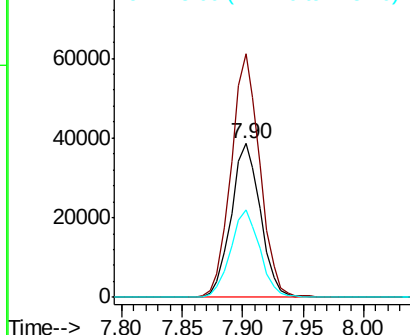
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.6	183.8
115	57.0	46.0	69.0



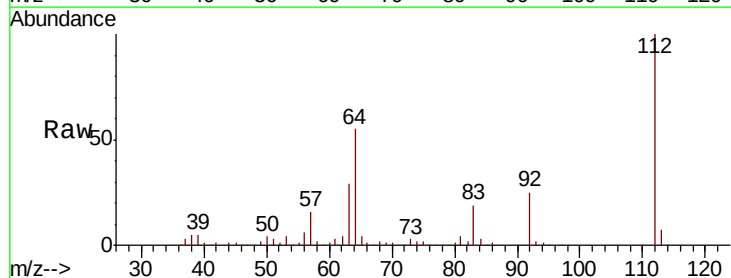
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



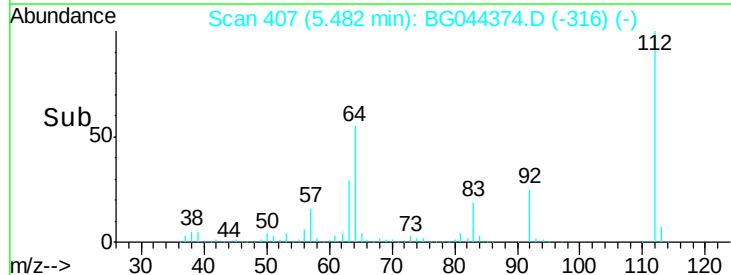
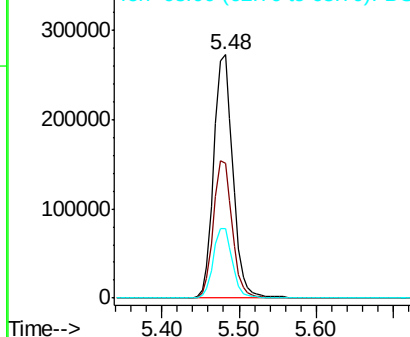
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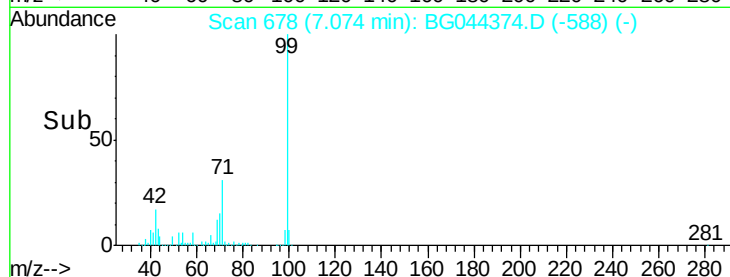
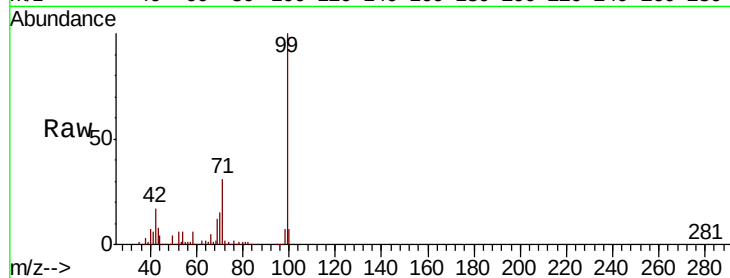
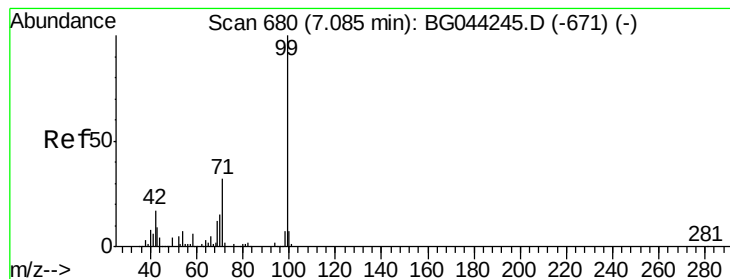
2-Fluorophenol
Concen: 125.525 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.4	68.2
63	28.8	22.9	34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.137 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

Instrument :

BNA_G

ClientSampleId :

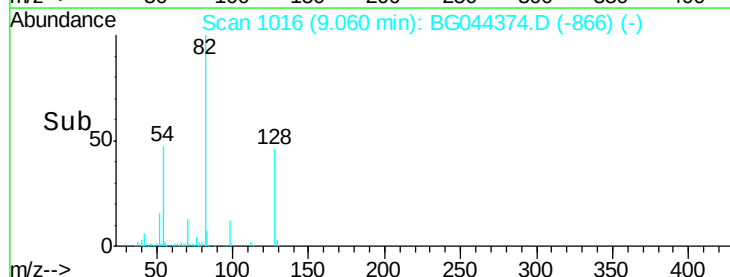
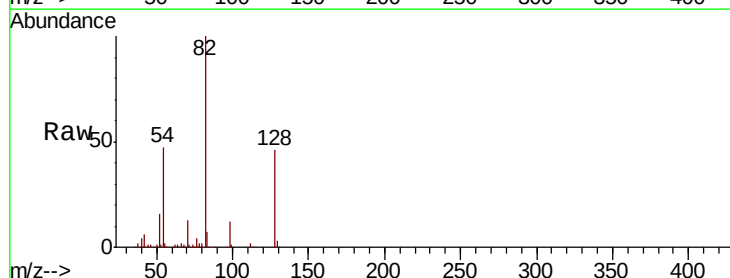
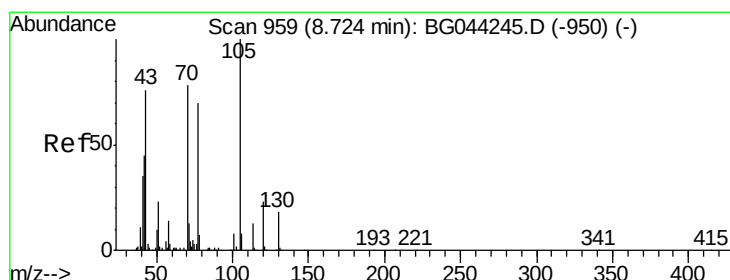
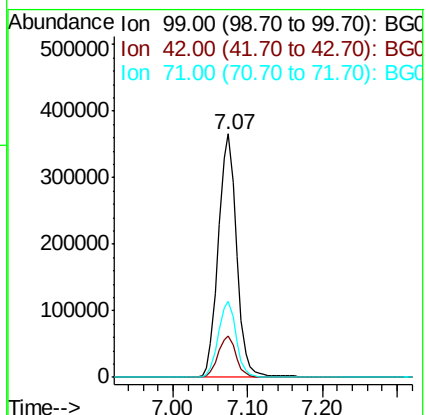
Tot Ion: 99 Resp: 626591

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 31.1 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.425 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044374.D

Acq: 11 Feb 2020 4:31

Tgt Ion: 70 Resp: 47756

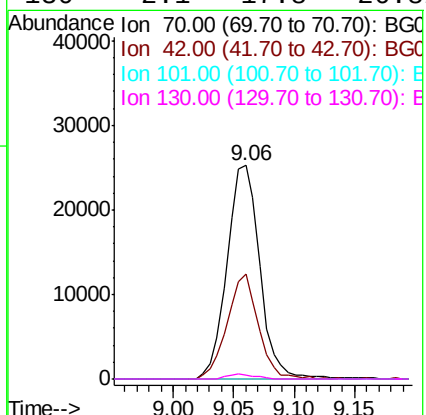
Ion Ratio Lower Upper

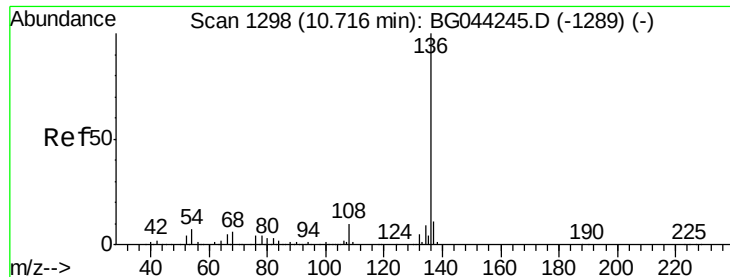
70 100

42 48.9 46.2 69.2

101 0.0 8.4 12.6#

130 2.1 17.8 26.8#

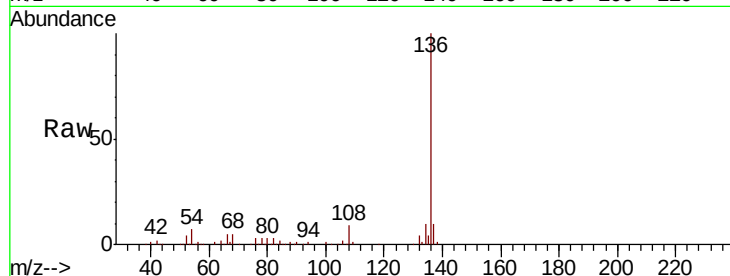




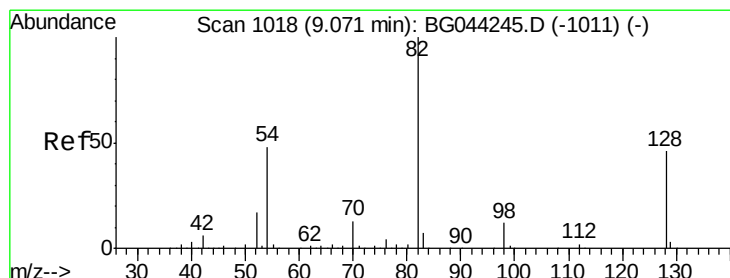
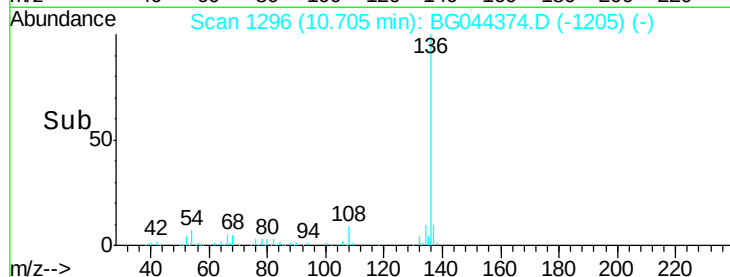
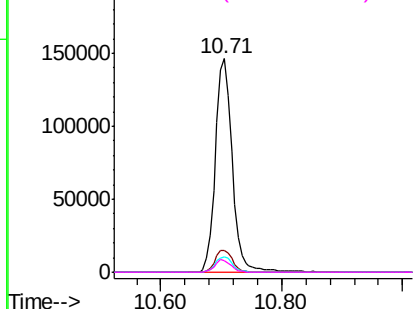
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	282417
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	7.1	5.8 8.8
68	5.3	4.6 6.8

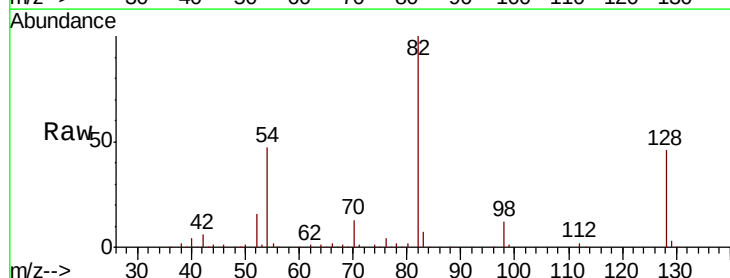


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

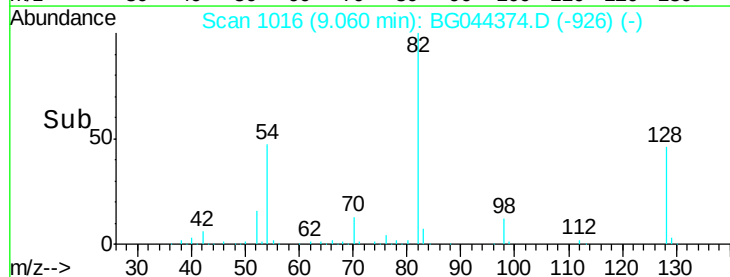
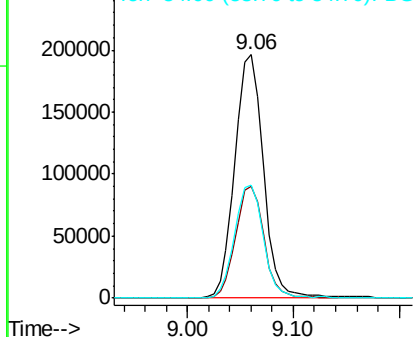


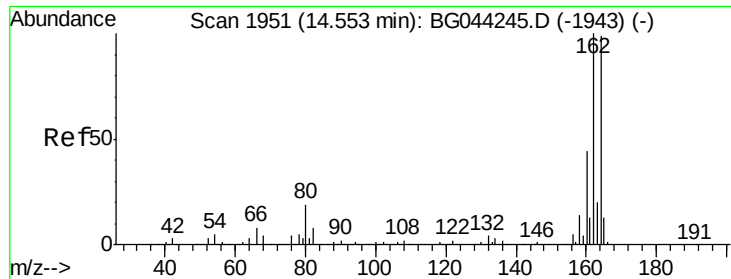
#23
Nitrobenzene-d5
Concen: 73.561 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Tgt Ion: 82	Resp:	367984
Ion	Ratio	Lower Upper
82	100	
128	46.1	36.5 54.7
54	46.6	38.6 58.0



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

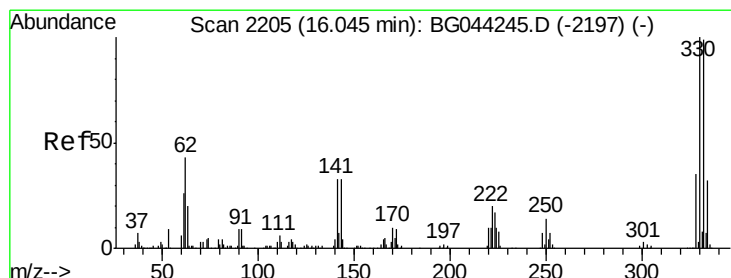
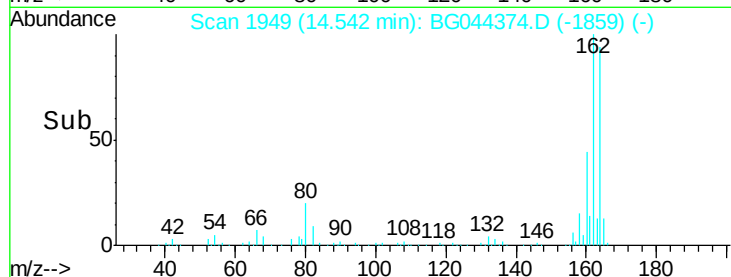
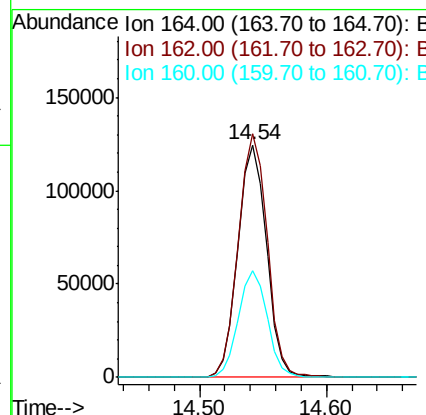
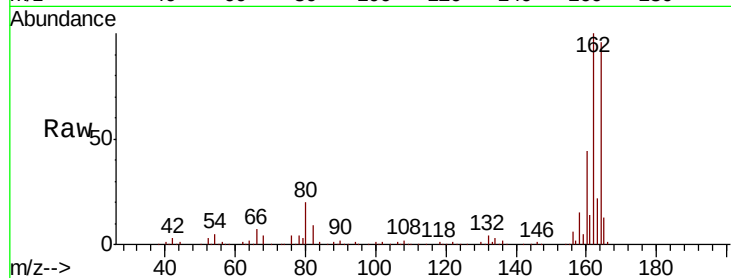




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

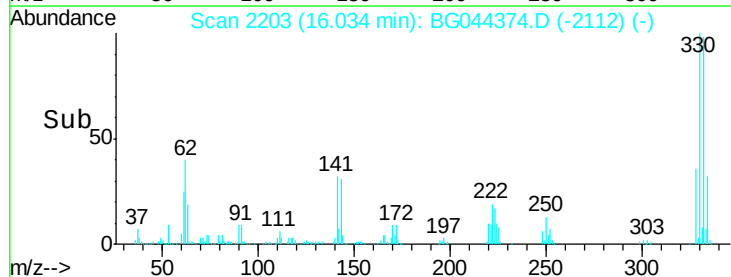
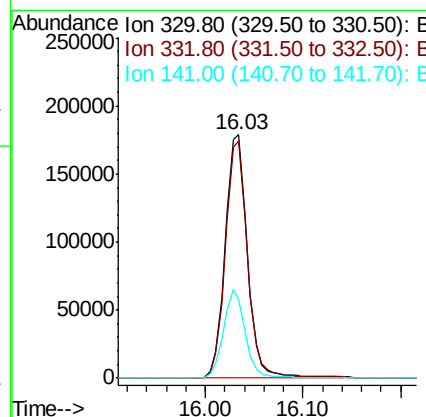
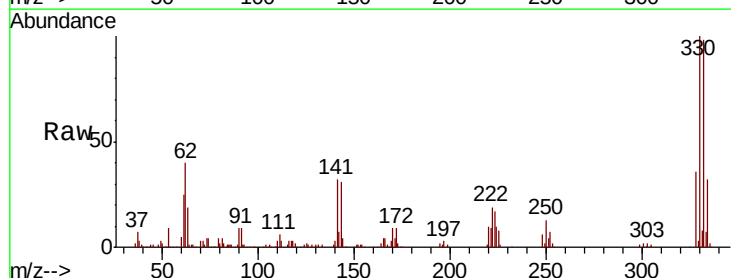
Instrument :
BNA_G
ClientSampleId :

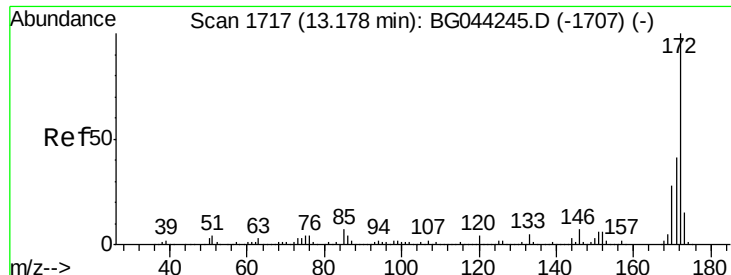
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.7	121.1
160	45.8	35.3	52.9



#42
2,4,6-Tribromophenol
Concen: 123.046 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.2	115.8
141	35.5	28.3	42.5

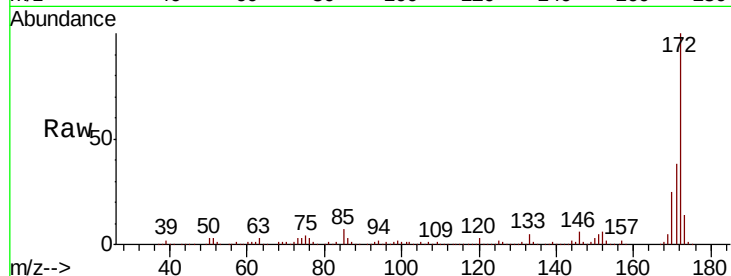




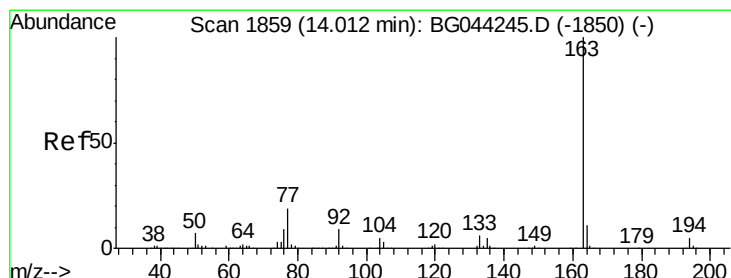
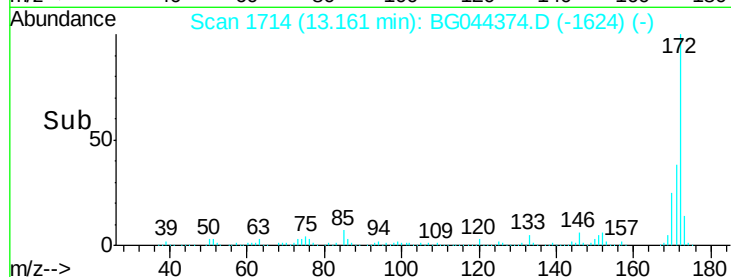
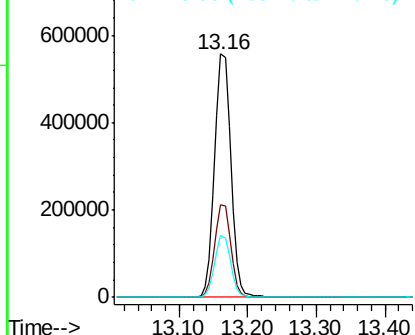
#45
2-Fluorobiphenyl
Concen: 78.864 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 920760
Ion Ratio Lower Upper
172 100
171 38.1 32.9 49.3
170 25.2 22.0 33.0

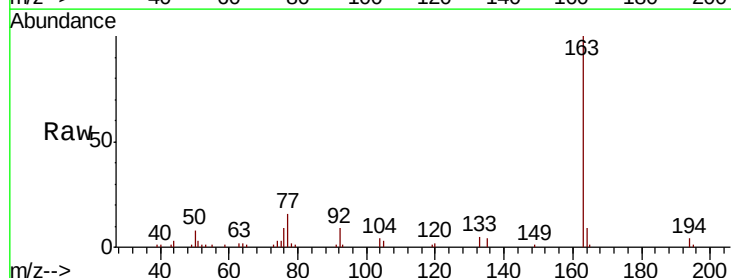


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

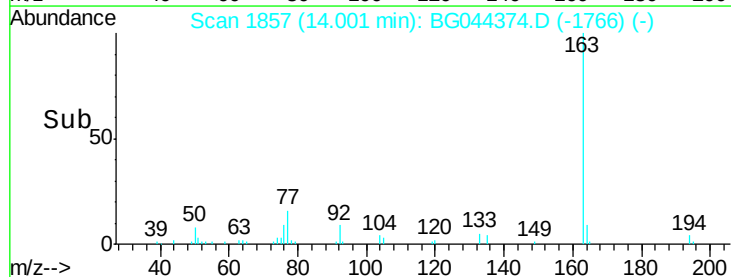
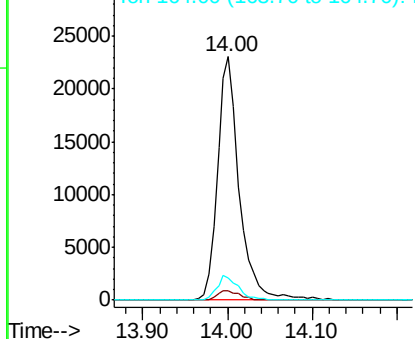


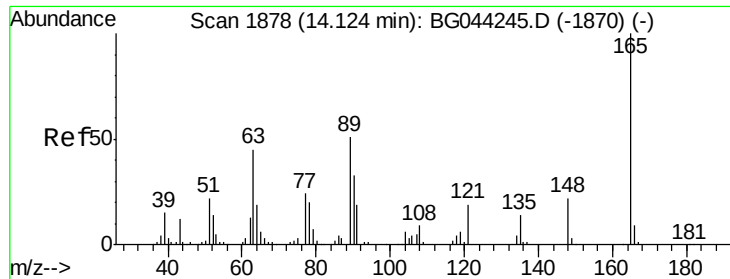
#50
Dimethylphthalate
Concen: 2.944 ng
RT: 14.00 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Tgt Ion:163 Resp: 41376
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4
164 9.3 8.7 13.1



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

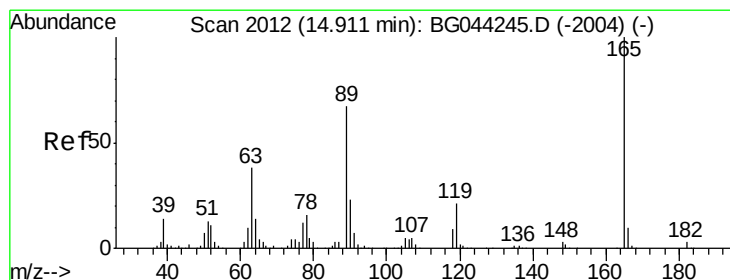
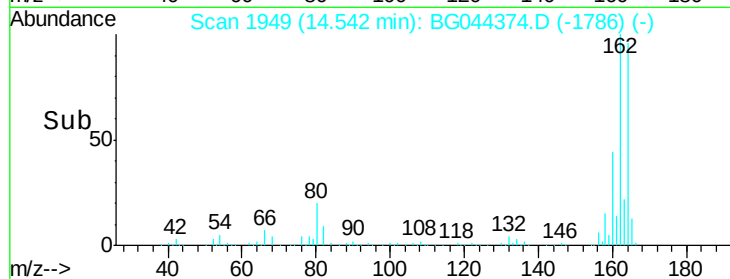
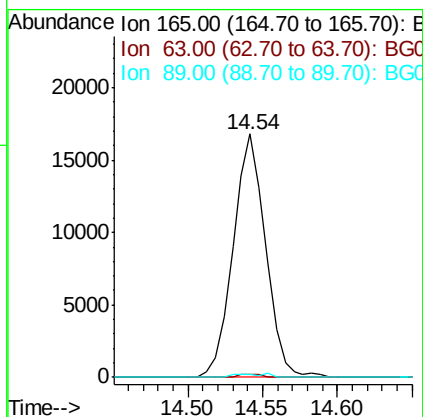
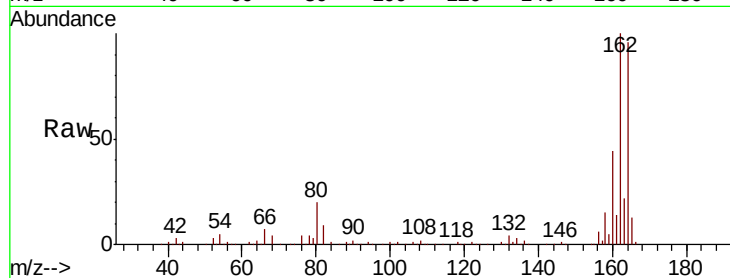




#51
 2,6-Dinitrotoluene
 Concen: 8.118 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.43 min
 Lab File: BG044374.D
 Acq: 11 Feb 2020 4:31

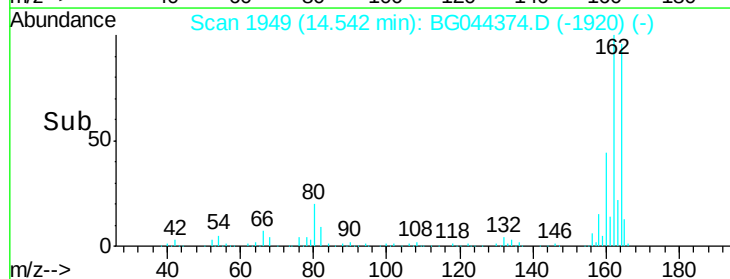
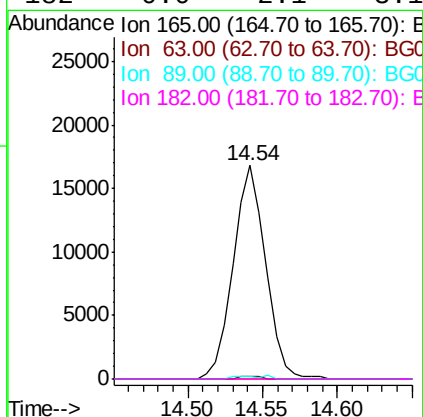
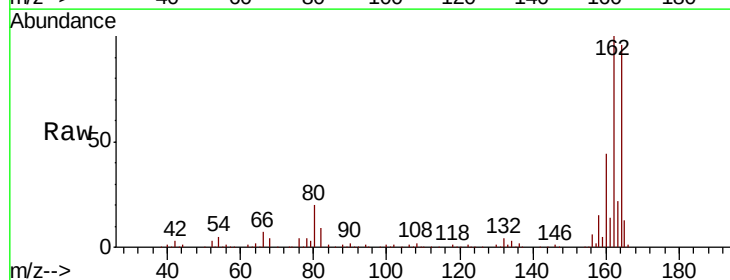
Instrument :
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 ClientSampleId :

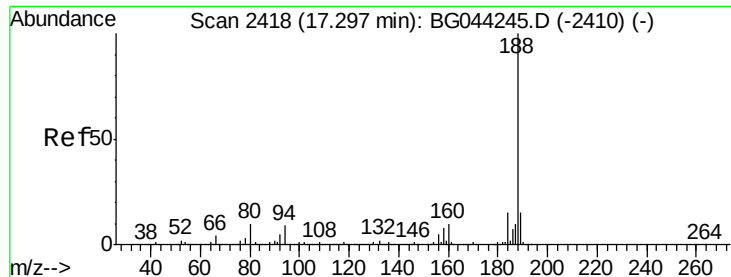
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.7	58.1#
89	1.4	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.792 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044374.D
 Acq: 11 Feb 2020 4:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	30.3	45.5#
89	1.4	53.4	80.2#
182	0.0	2.1	3.1#

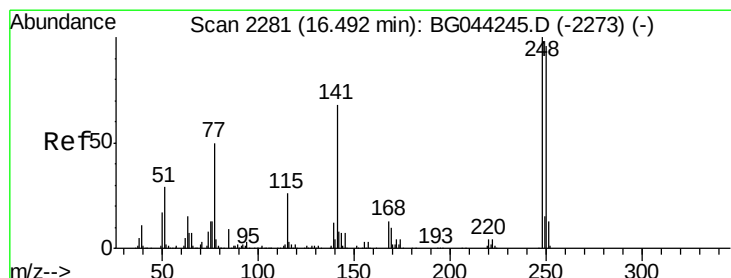
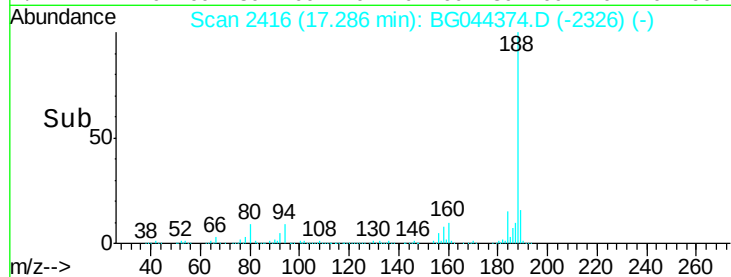
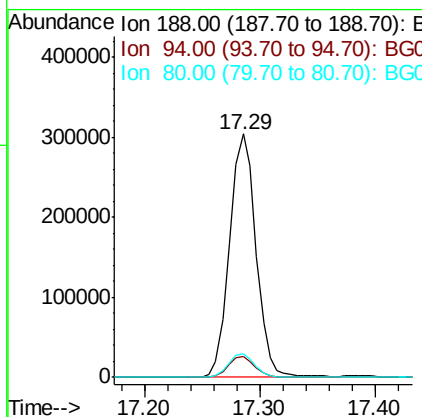
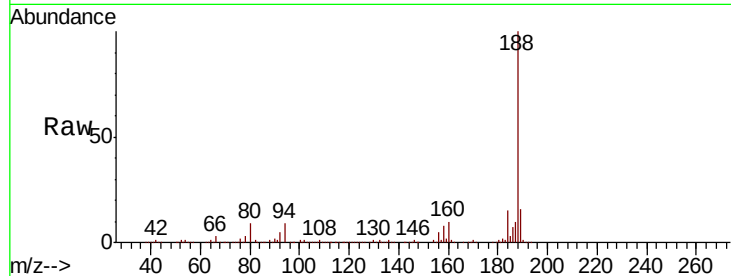




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG044374.D
 Acq: 11 Feb 2020 4:31

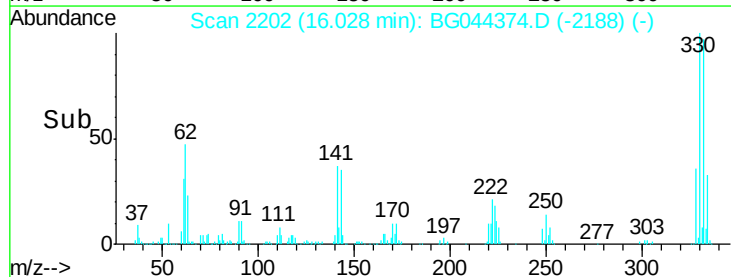
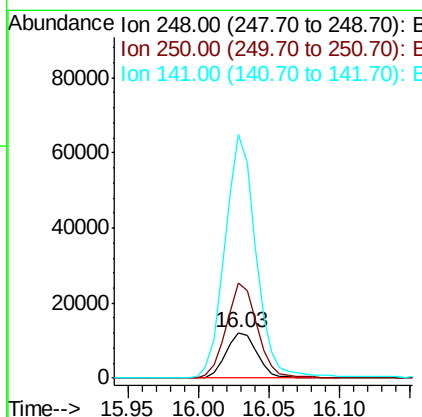
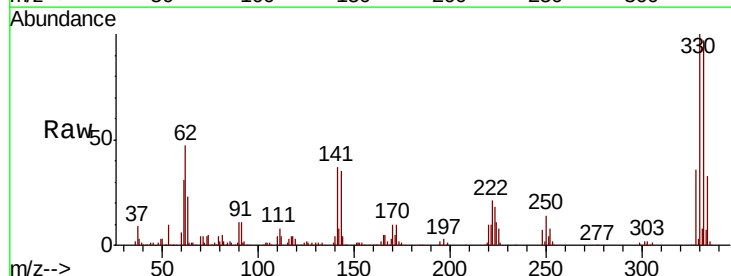
Instrument :
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 ClientSampleId :

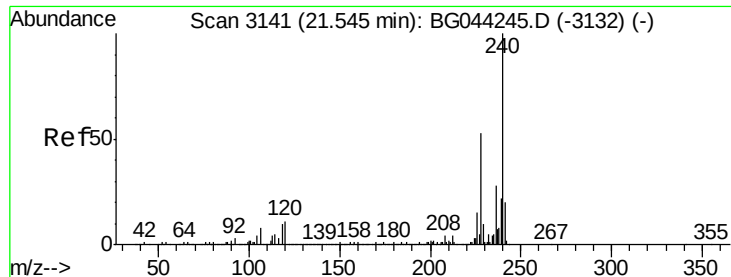
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.5	7.7	11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.564 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.45 min
 Lab File: BG044374.D
 Acq: 11 Feb 2020 4:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	208.0	76.6	114.8#
141	531.5	54.7	82.1#

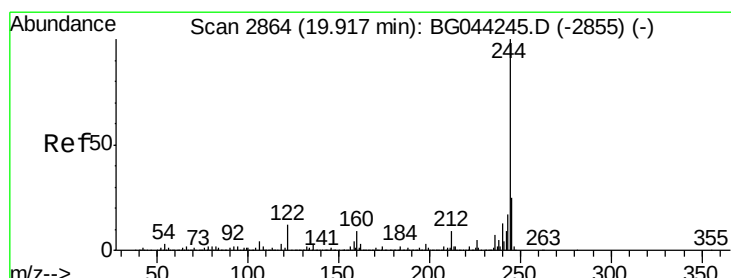
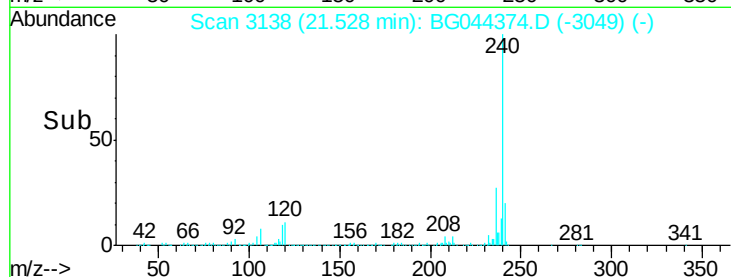
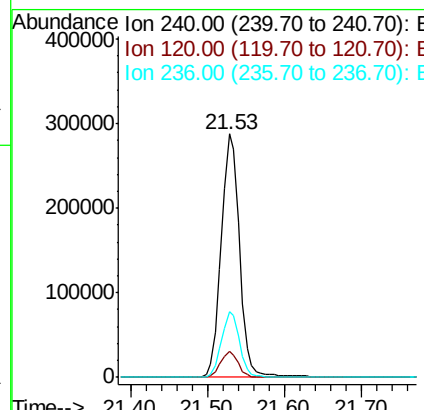
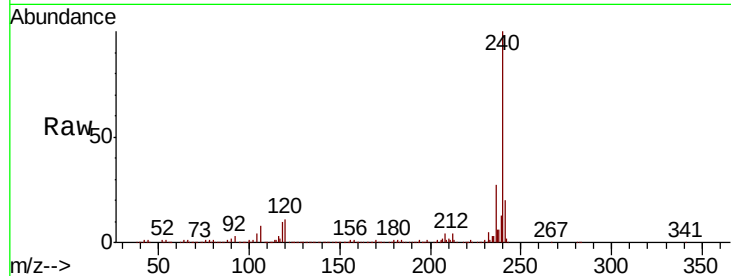




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

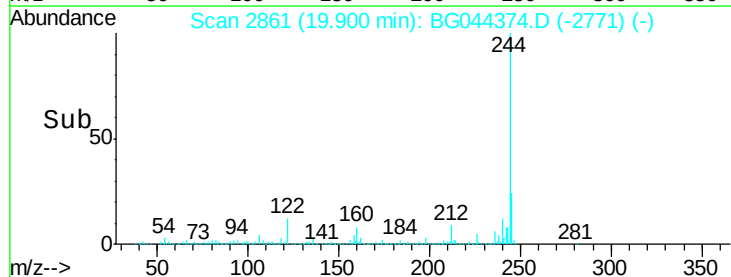
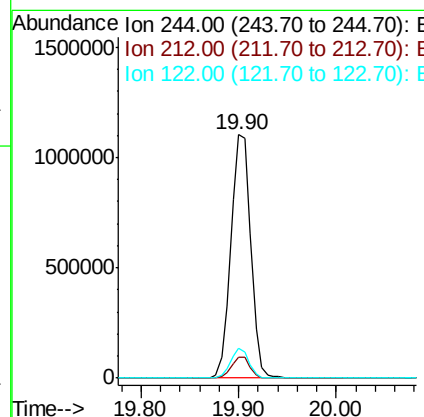
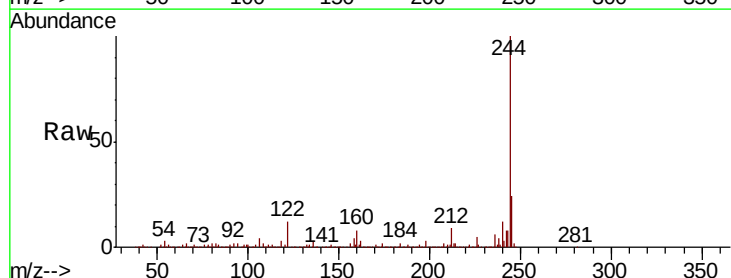
Instrument :
BNA_G
ClientSampleId :

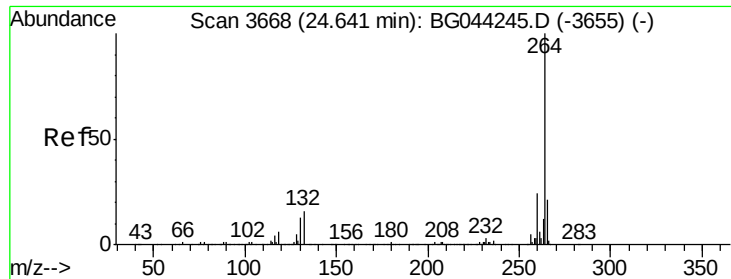
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	27.0	22.1	33.1



#79
Terphenyl-d14
Concen: 67.839 ng
RT: 19.90 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	12.3	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044374.D
Acq: 11 Feb 2020 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.8	16.7	25.1

