

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045565.D
 Acq On : 1 Jun 2020 21:17
 Operator : CG/JU
 Sample : L2798-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM100-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 01:52:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	79803	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	328648	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	218095	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	454876	20.00	ng	0.00
76) Chrysene-d12	21.61	240	397551	20.00	ng	0.00
87) Perylene-d12	24.76	264	428057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	353619	86.60	ng	0.00
7) Phenol-d6	7.15	99	522719	89.94	ng	0.00
23) Nitrobenzene-d5	9.11	82	361969	60.06	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	229854	82.41	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	833168	64.80	ng	0.00
79) Terphenyl-d14	19.96	244	1107340	64.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	166242	11.112	ng	98
71) Phenanthrene	17.39	178	270771	13.635	ng	97
72) Anthracene	17.48	178	62053	3.112	ng	98
75) Fluoranthene	19.40	202	534906	21.178	ng	98
78) Pyrene	19.76	202	466926	20.604	ng	98
81) Benzo(a)anthracene	21.58	228	265853	12.004	ng	99
83) Chrysene	21.65	228	247417	11.619	ng	98
86) Indeno(1,2,3-cd)pyrene	28.32	276	179538	6.447	ng	99
88) Benzo(b)fluoranthene	23.76	252	360549	15.705	ng	100
89) Benzo(k)fluoranthene	23.82	252	117603m	5.453	ng	
90) Benzo(a)pyrene	24.60	252	255514	11.951	ng	98
91) Dibenzo(a,h)anthracene	28.36	278	43473	2.023	ng	94
92) Benzo(a,h,i)perylene	29.44	276	160276	7.459	ng	97

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

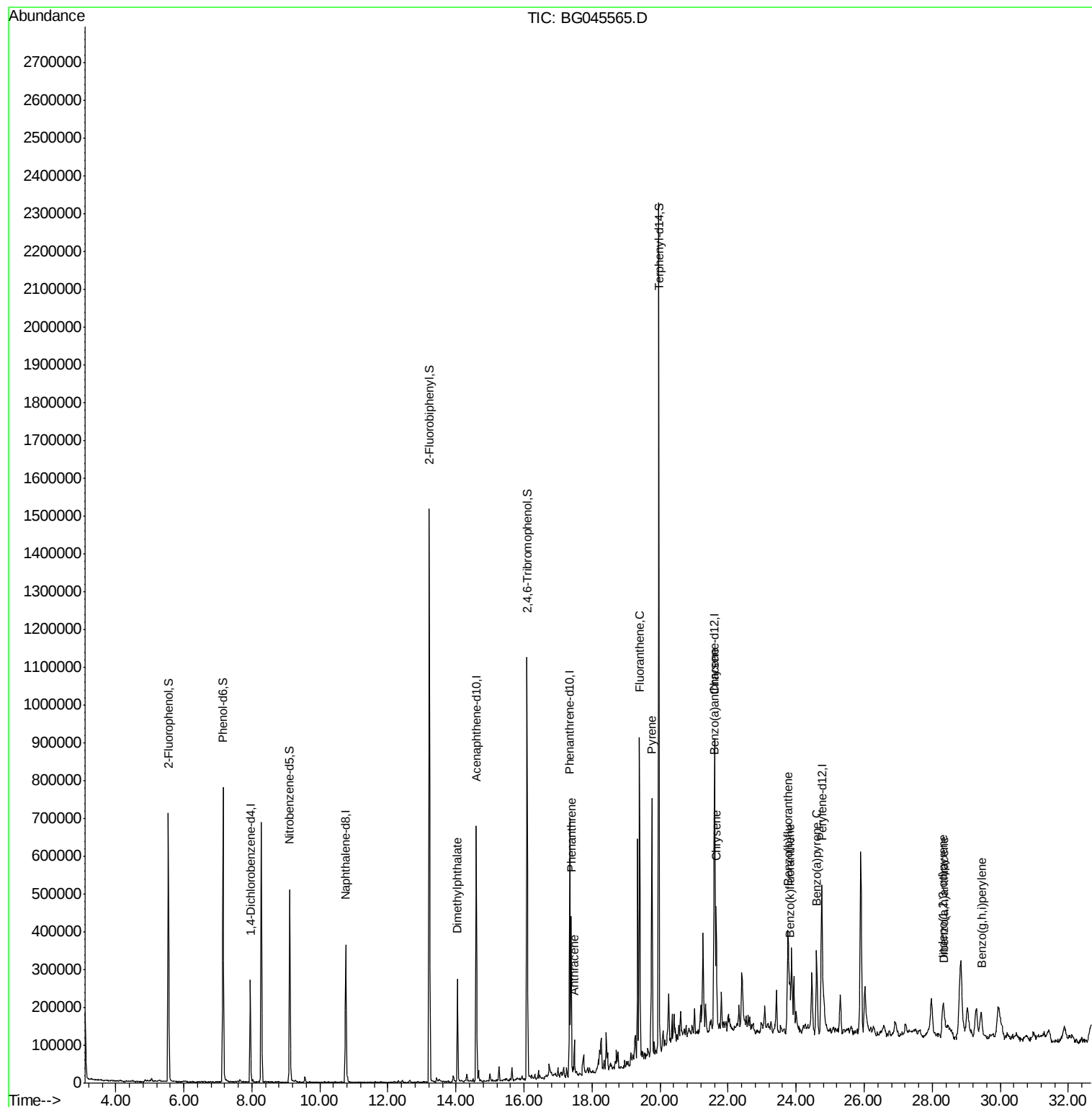
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045565.D
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ALS Vial : 13 Sample Multiplier: 1

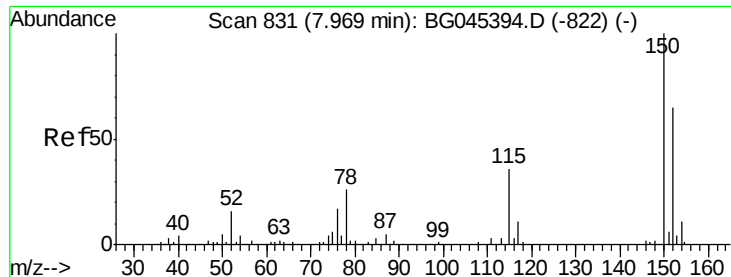
Instrument :
BNA_G
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NM100-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
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#1

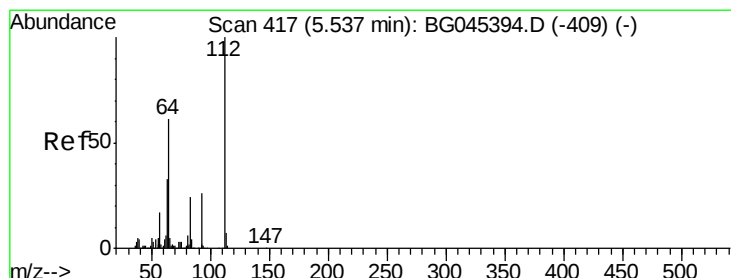
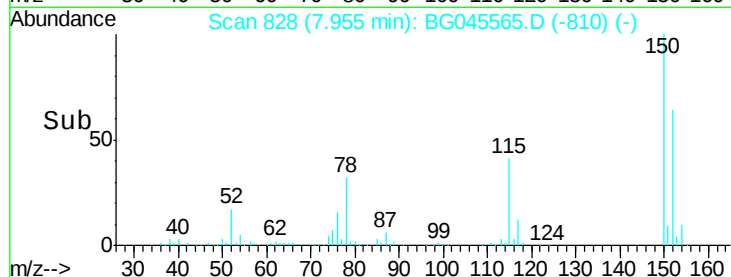
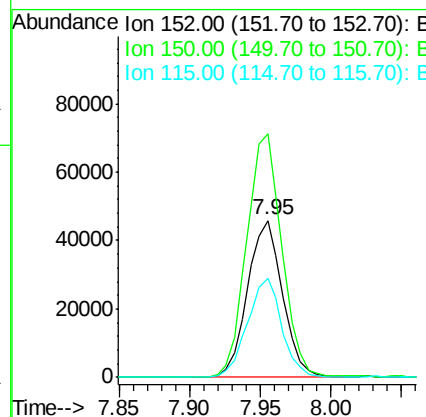
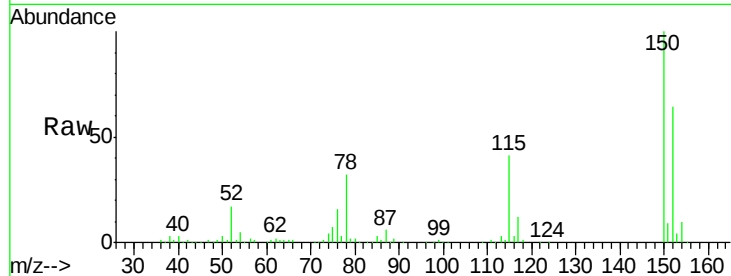
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Instrument :
BNA_G
ClientSampleId :
NM100-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.4	183.6
115	63.2	44.2	66.4

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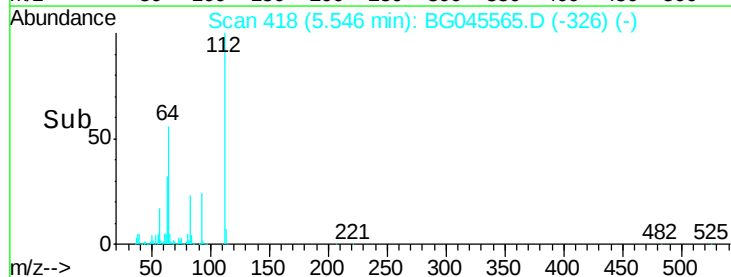
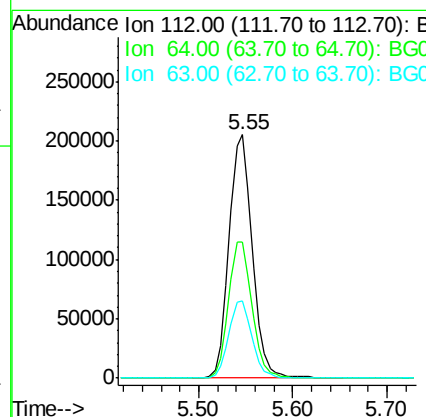
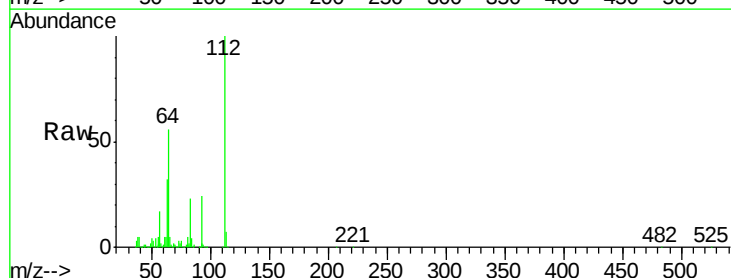
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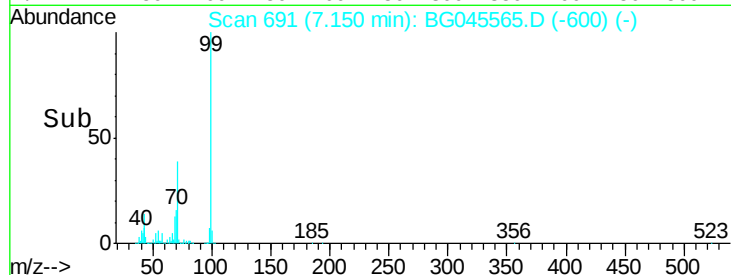
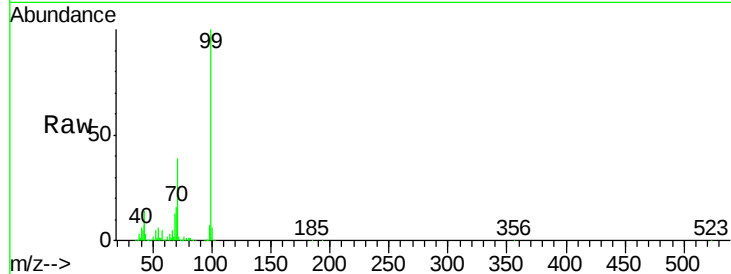
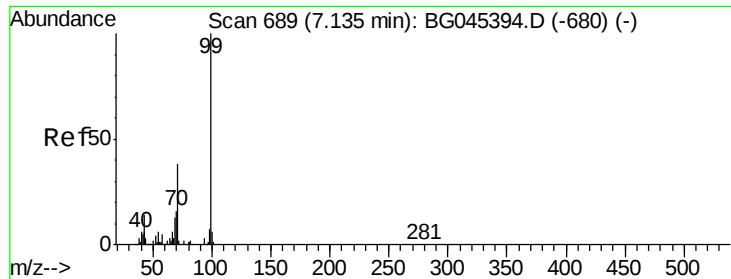


#5

2-Fluorophenol
Concen: 86.598 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	48.6	72.8
63	31.8	26.5	39.7





#7

Phenol-d6

Concen: 89.938 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Tot Ion:	99	Resp:	522719
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.3	16.9
71	38.6	30.8	46.2

Instrument :

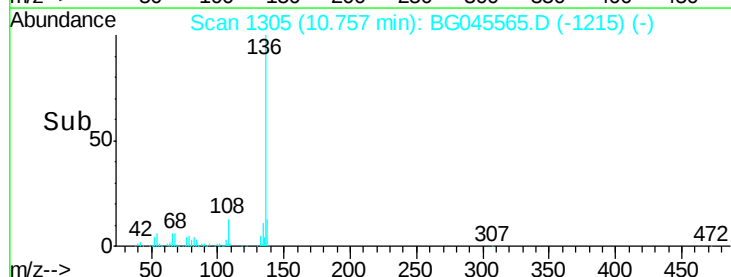
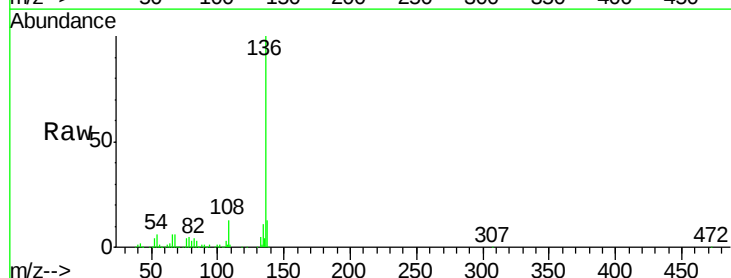
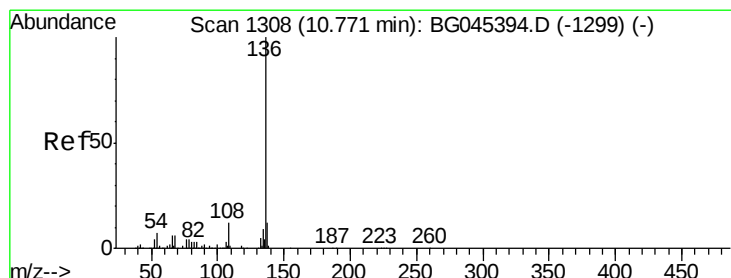
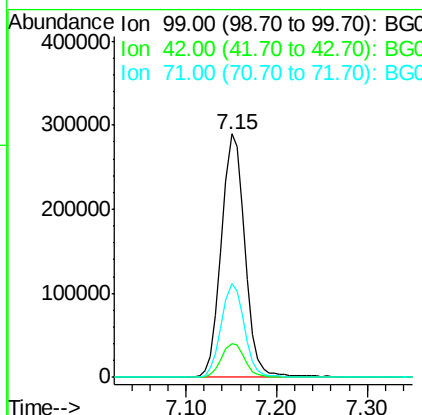
BNA_G

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

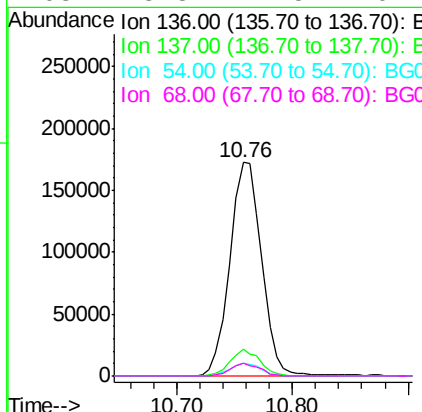
RT: 10.76 min Scan# 1305

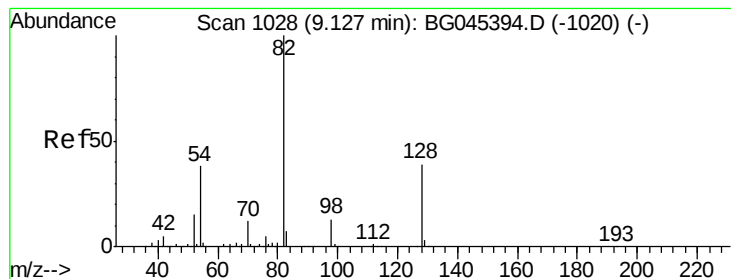
Delta R.T. -0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Tgt Ion:	136	Resp:	328648
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.4	14.2
54	5.9	5.8	8.6
68	5.8	4.5	6.7





#23

Nitrobenzene-d5

Concen: 60.060 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Instrument :

BNA_G

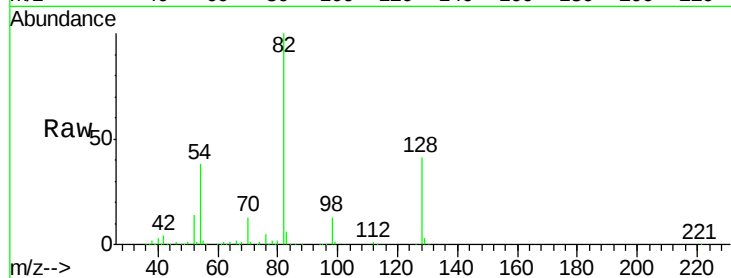
ClientSampleId :

NM100-COMP-2020-0-6

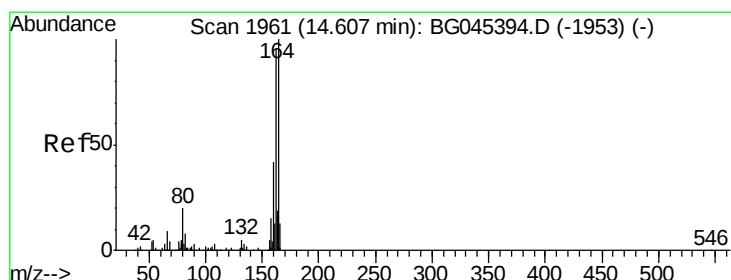
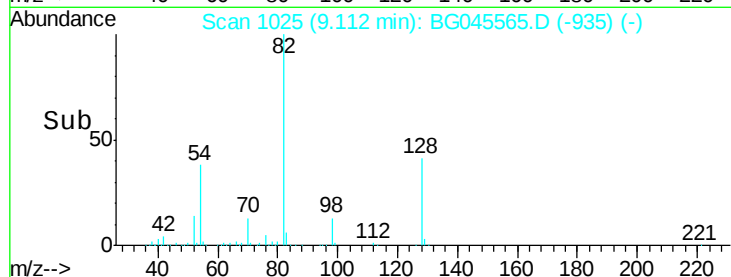
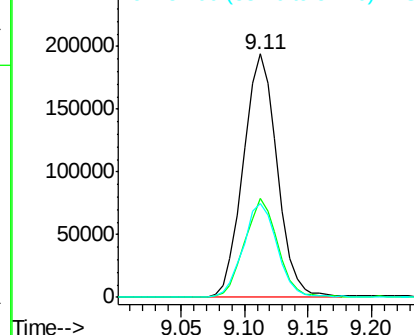
Tot Ion	82	Resp	361969
Ion Ratio	Lower	Upper	
82	100		
128	40.7	30.9	46.3
54	38.3	30.3	45.5

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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

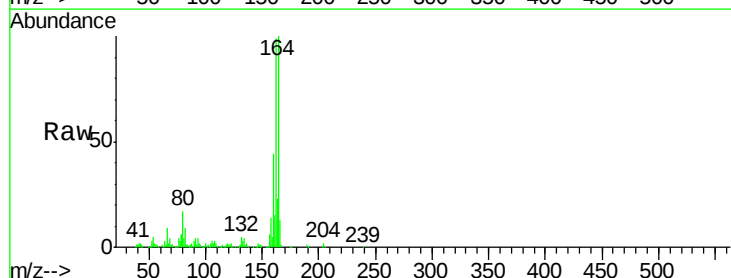
RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

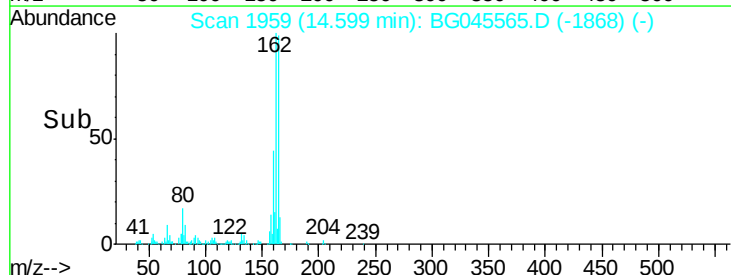
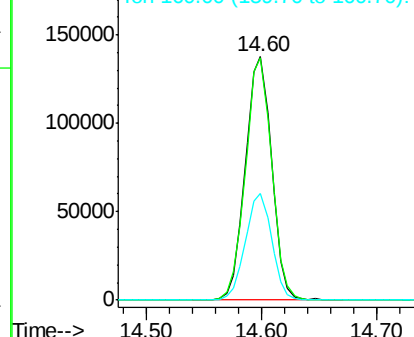
Lab File: BG045565.D

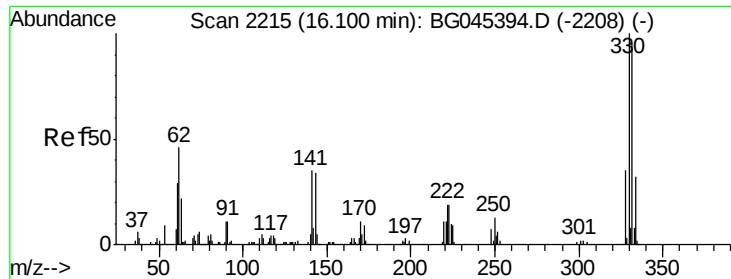
Acq: 1 Jun 2020 21:17

Tgt Ion	164	Resp	218095
Ion Ratio	Lower	Upper	
164	100		
162	99.3	76.9	115.3
160	43.9	33.8	50.8



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





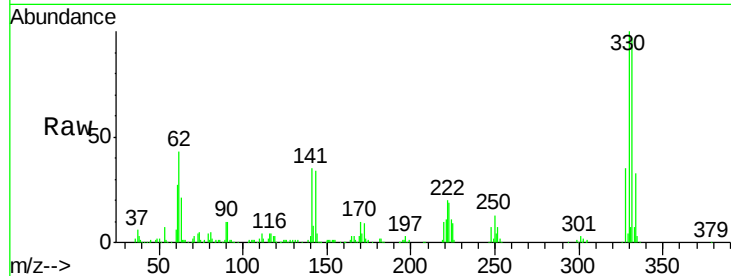
#42
 2,4,6-Tribromophenol
 Concen: 82.409 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045565.D
 Acq: 1 Jun 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 NM100-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	229854		
332	97.3		78.2	117.4
141	35.2		28.2	42.4

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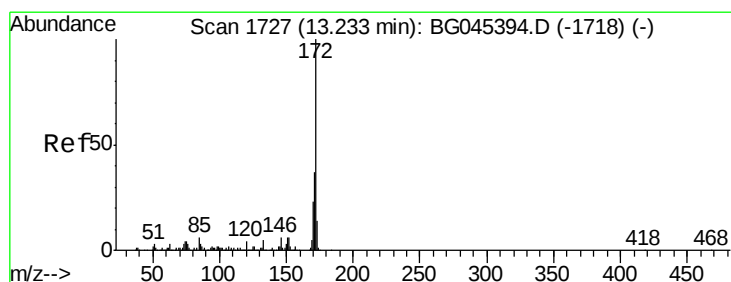
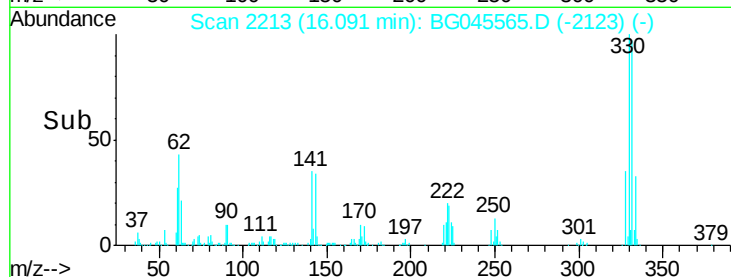
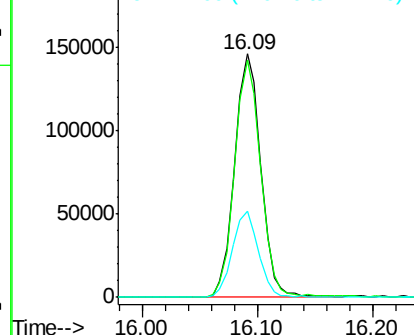


Abundance

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: 64.799 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045565.D
 Acq: 1 Jun 2020 21:17

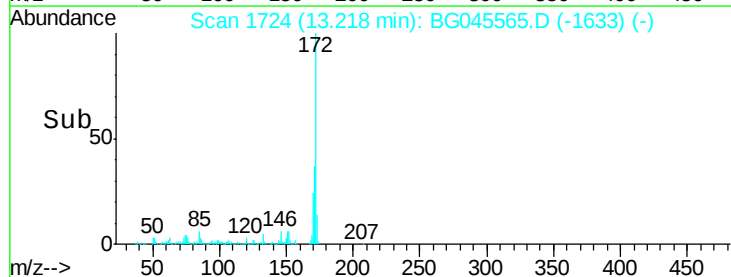
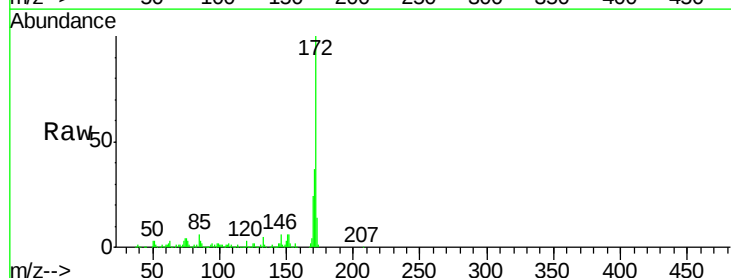
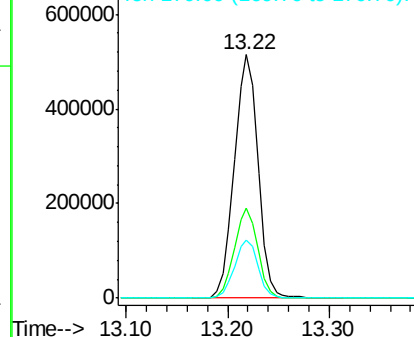
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	833168		
171	36.8		29.5	44.3
170	23.8		18.5	27.7

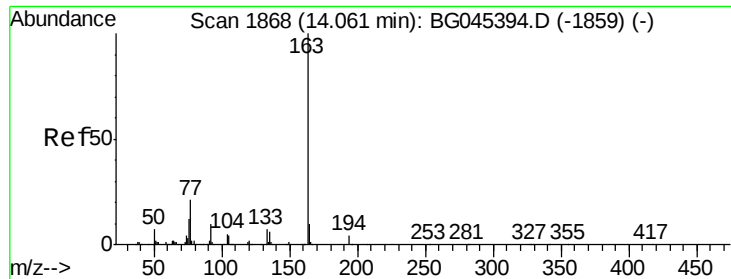
Abundance

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





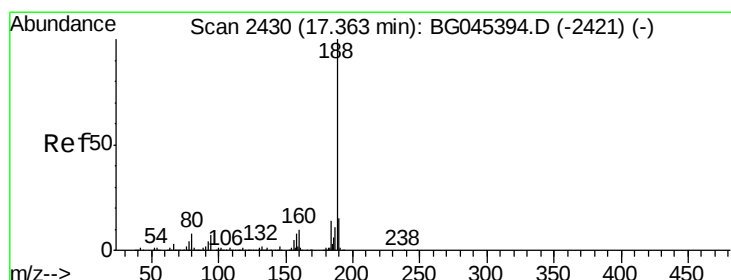
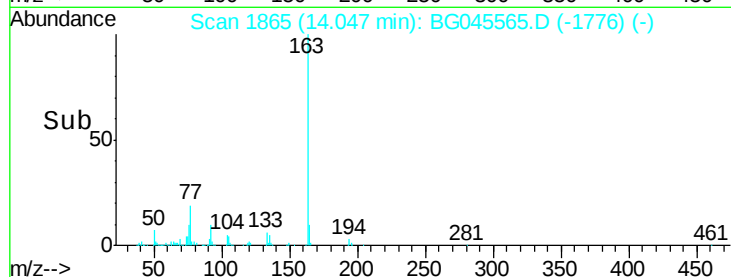
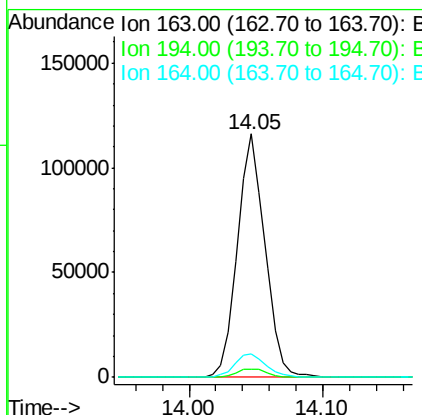
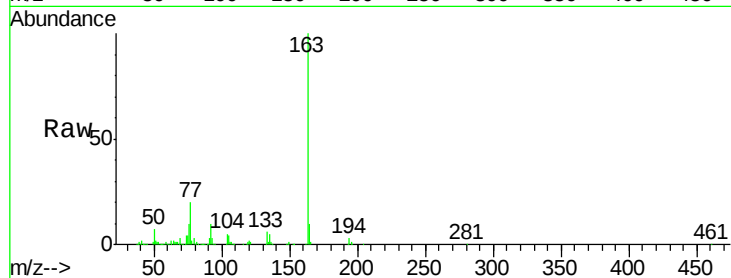
#50
Dimethylphthalate
Concen: 11.112 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Instrument :
BNA_G
ClientSampleId :
NM100-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.8	8.3	12.5

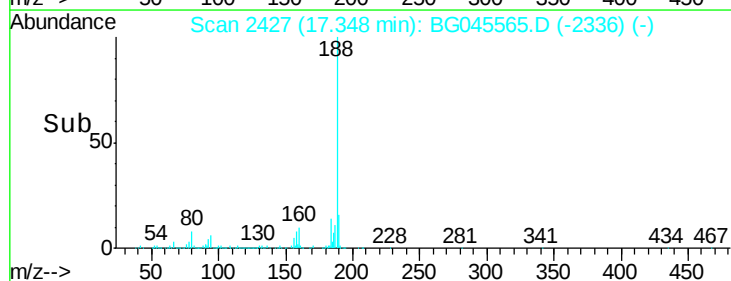
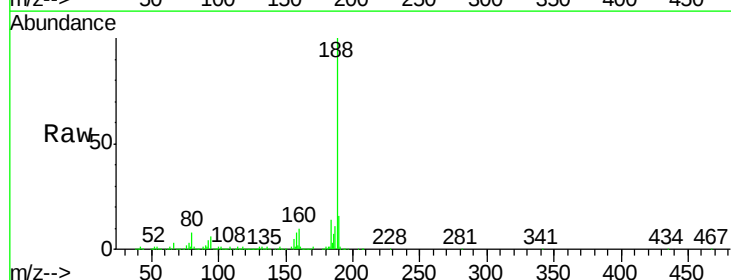
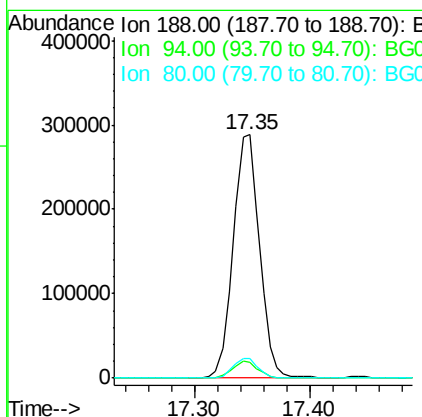
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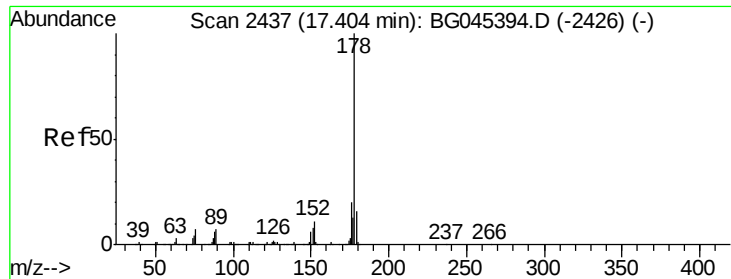
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.5	8.3
80	7.9	6.6	10.0





#71

Phenanthrene

Concen: 13.635 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Instrument :

BNA_G

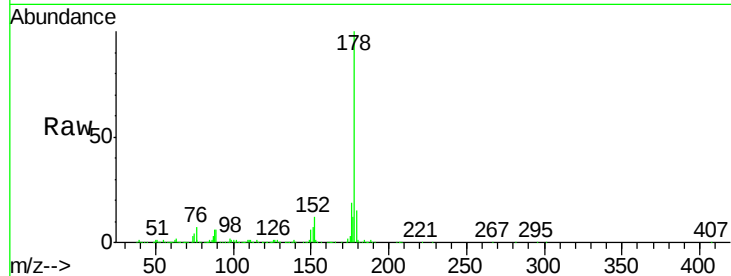
ClientSampleId :

NM100-COMP-2020-0-6

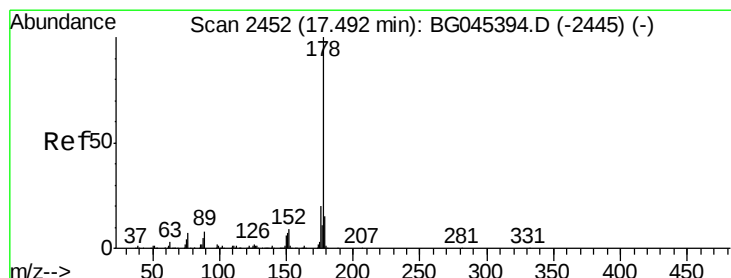
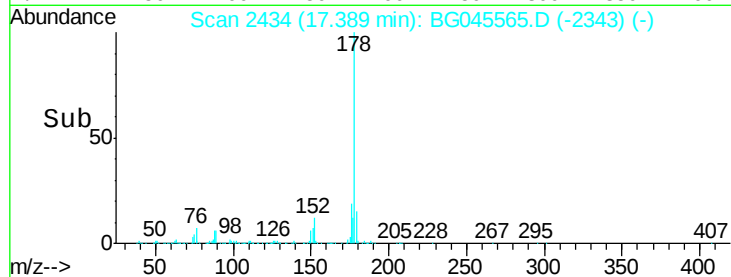
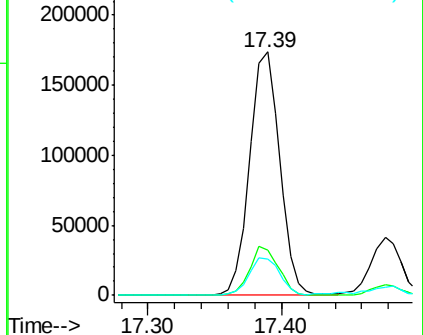
Tot Ion:	178	Resp:	270771
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.2	24.4
179	15.1	13.1	19.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 3.112 ng

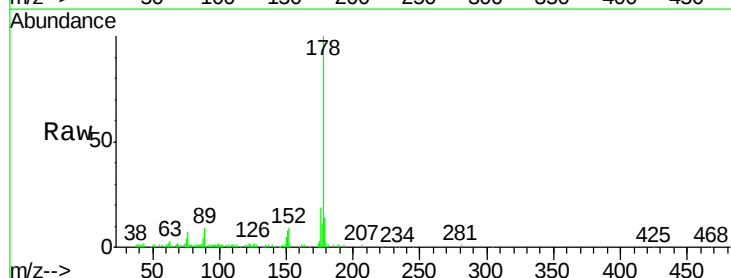
RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

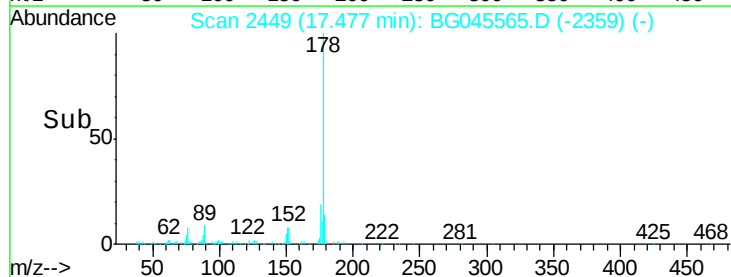
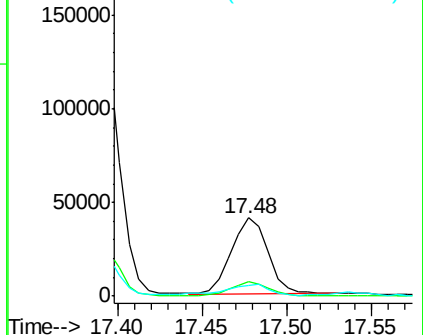
Lab File: BG045565.D

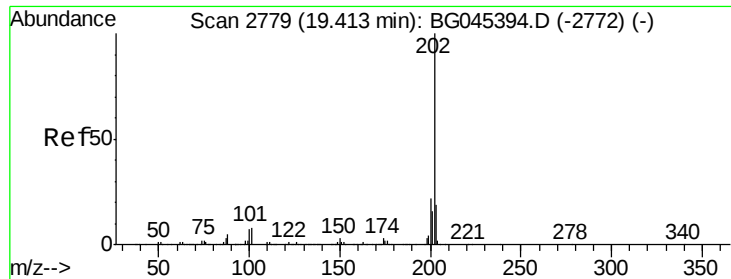
Acq: 1 Jun 2020 21:17

Tgt Ion:	178	Resp:	62053
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.6
179	14.4	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 21.178 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Instrument :

BNA_G

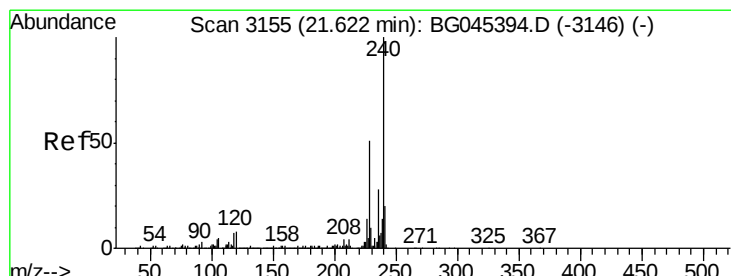
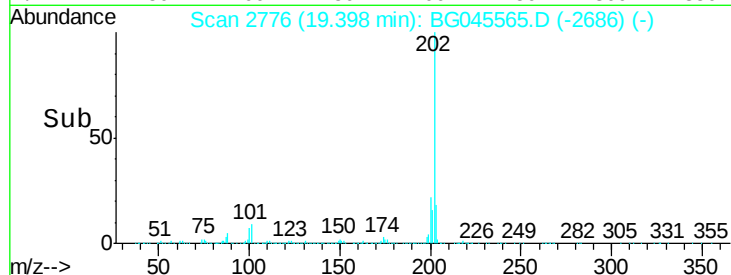
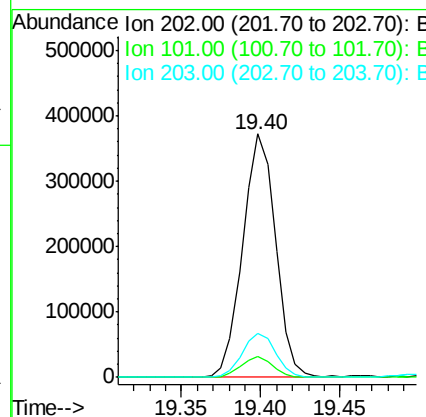
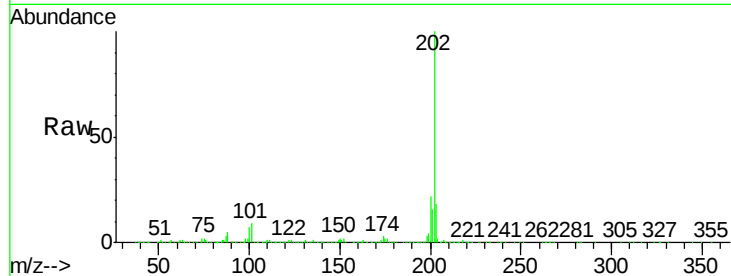
ClientSampleId :

NM100-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		534906		
101	8.6	0.0	28.3		
203	18.0	0.0	39.0		

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#76

Chrysene-d12

Concen: 20.000 ng

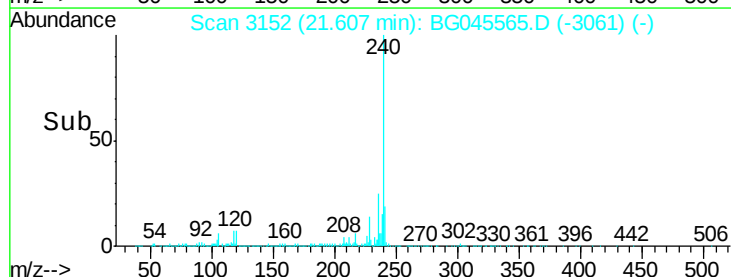
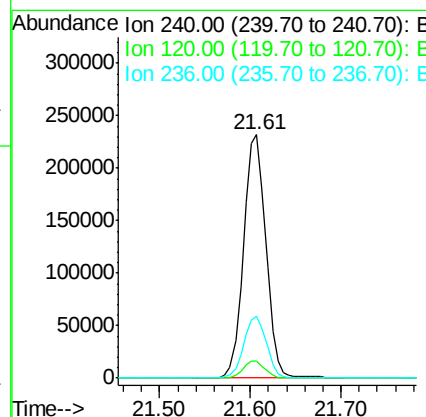
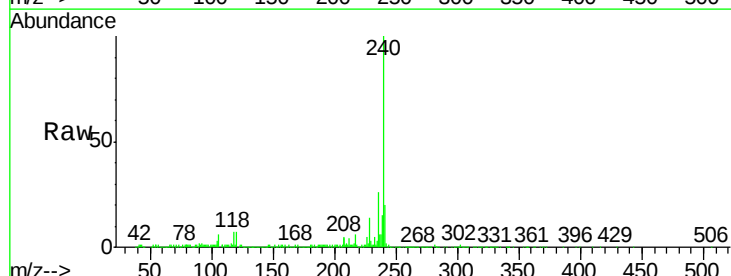
RT: 21.61 min Scan# 3152

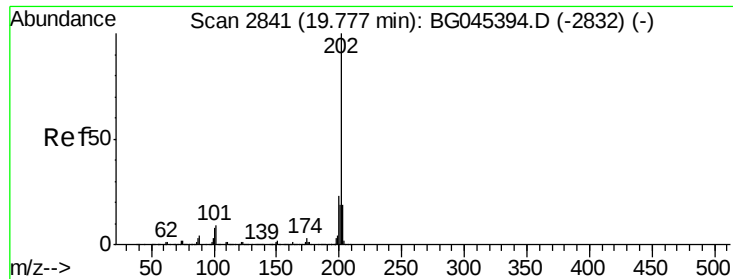
Delta R.T. 0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		397551		
120	7.0	6.1	9.1		
236	25.5	22.3	33.5		





#78

Pvrene

Concen: 20.604 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Instrument :

BNA_G

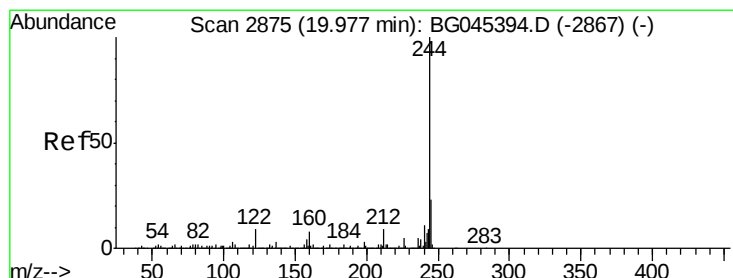
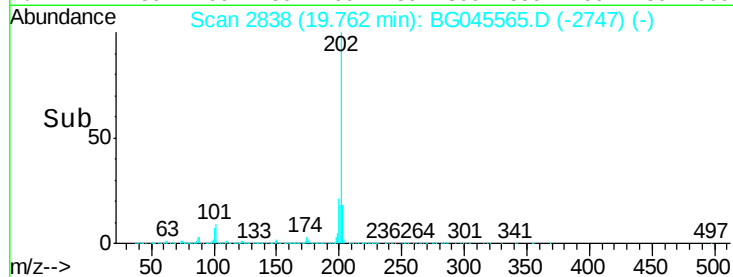
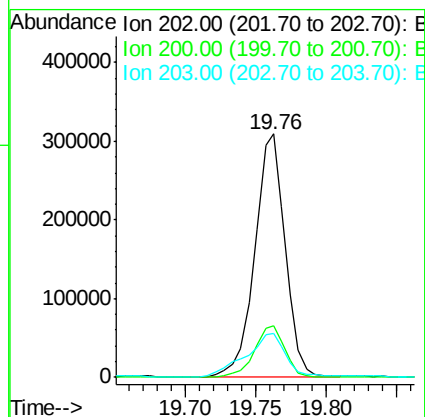
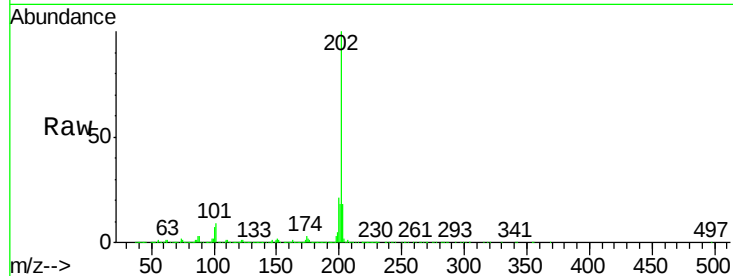
ClientSampleId :

NM100-COMP-2020-0-6

Tot Ion:	202	Resp:	466926
Ion Ratio		Lower	Upper
202	100		
200	21.2	18.2	27.2
203	18.2	15.1	22.7

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#79

Terphenyl-d14

Concen: 64.964 ng

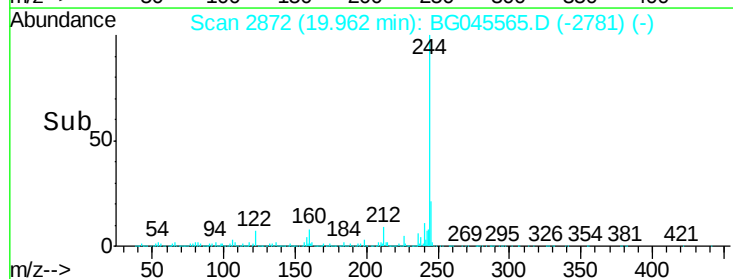
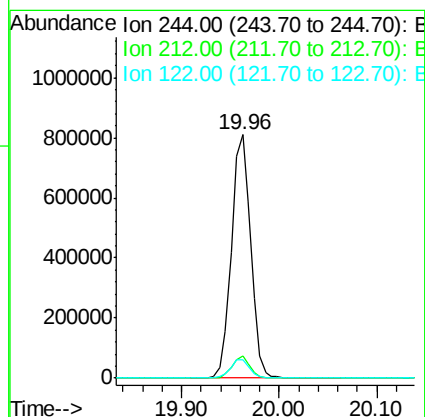
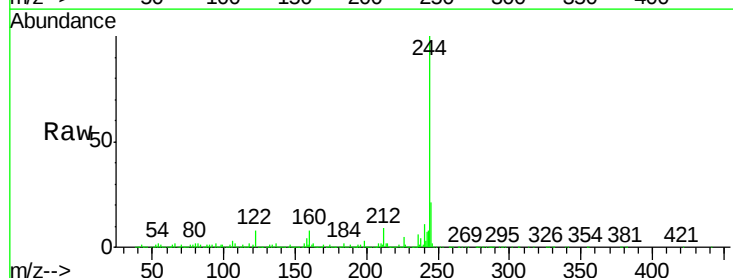
RT: 19.96 min Scan# 2872

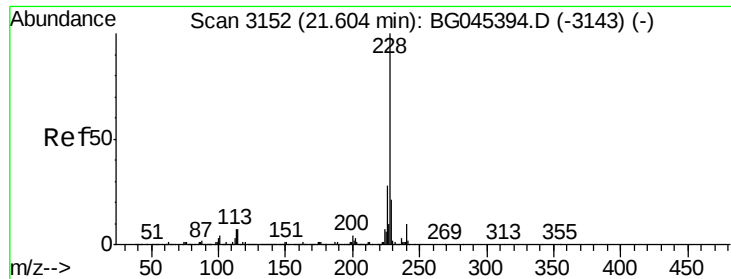
Delta R.T. 0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Tgt Ion:	244	Resp:	1107340
Ion Ratio		Lower	Upper
244	100		
212	8.9	7.4	11.0
122	7.5	6.8	10.2





#81

Benzo(a)anthracene

Concen: 12.004 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Instrument :

BNA_G

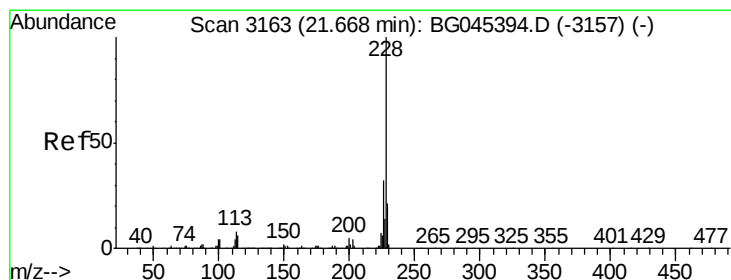
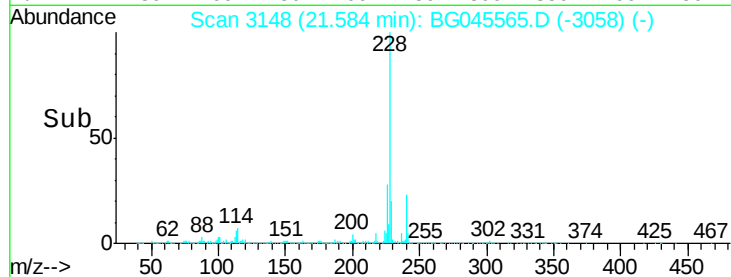
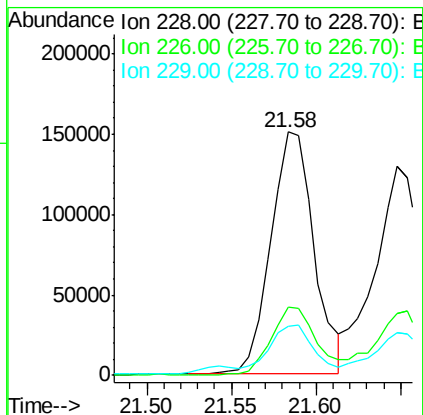
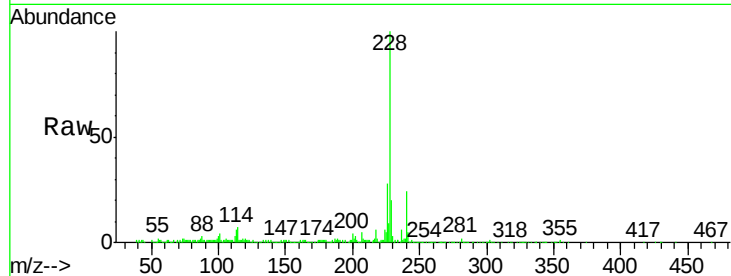
ClientSampleId :

NM100-COMP-2020-0-6

Tot Ion:228	Resp:	265853
Ion Ratio	Lower	Upper
228	100	
226	27.8	22.7 34.1
229	20.4	16.7 25.1

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#83

Chrysene

Concen: 11.619 ng

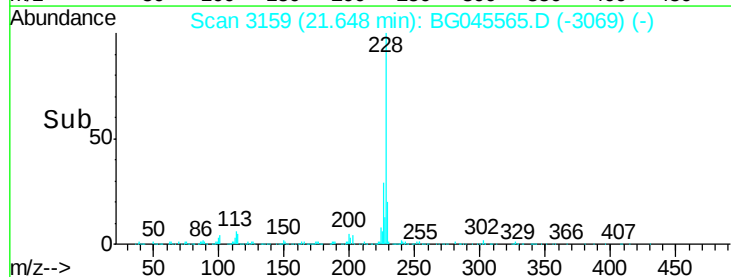
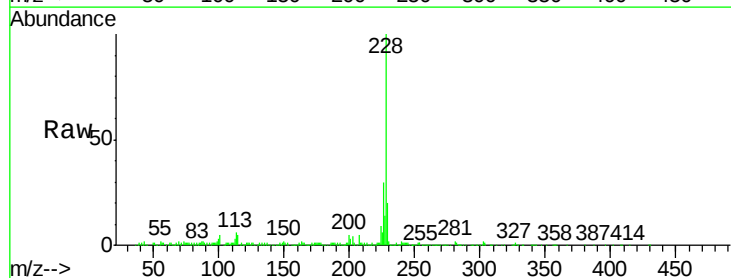
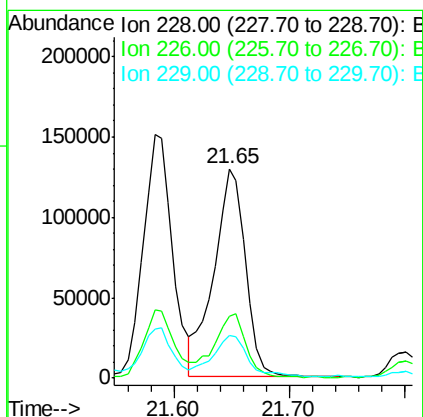
RT: 21.65 min Scan# 3159

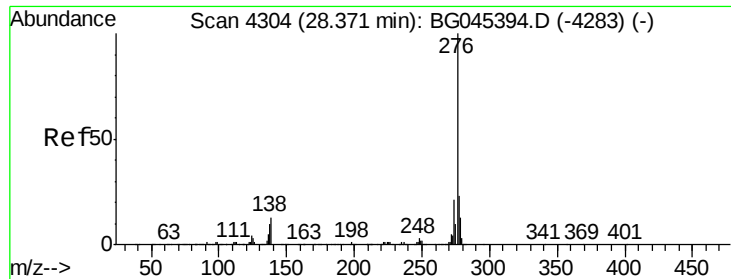
Delta R.T. -0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Tgt Ion:228	Resp:	247417
Ion Ratio	Lower	Upper
228	100	
226	29.7	25.2 37.8
229	20.4	16.7 25.1





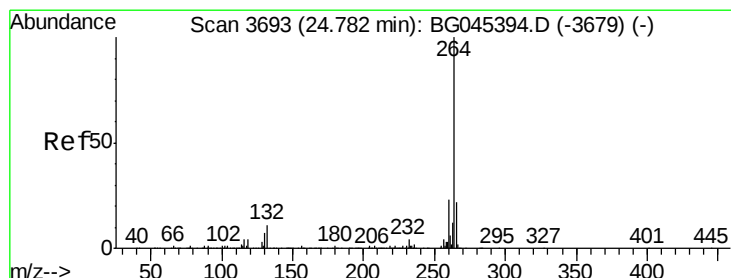
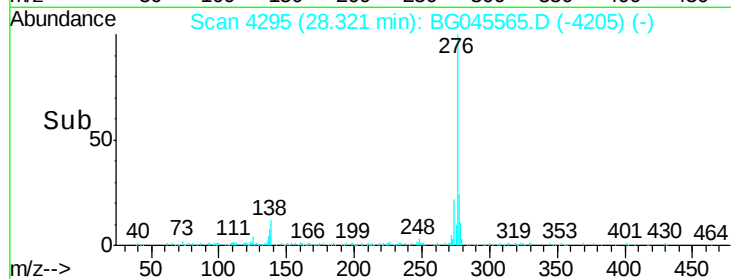
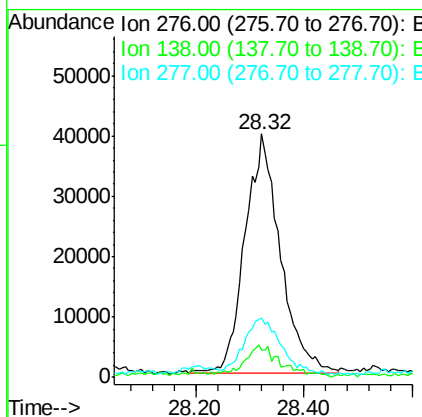
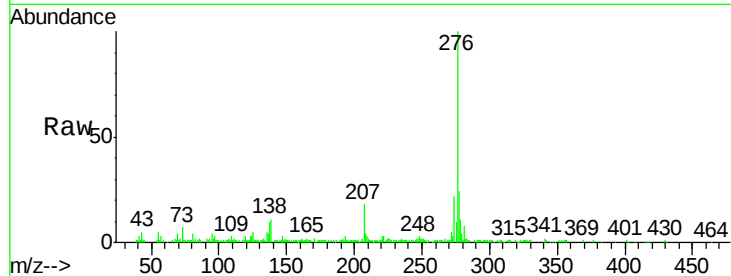
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.447 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.00 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Instrument :
BNA_G
ClientSampleId :
NM100-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.1	8.6	12.8
277	24.7	20.2	30.4

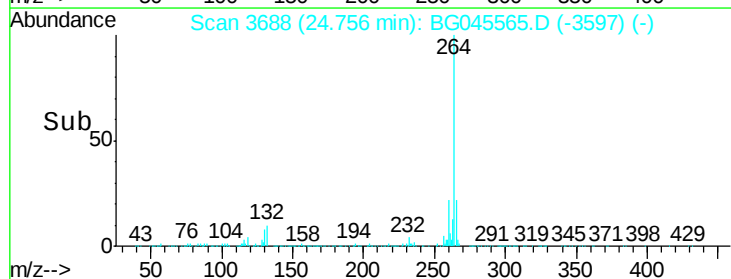
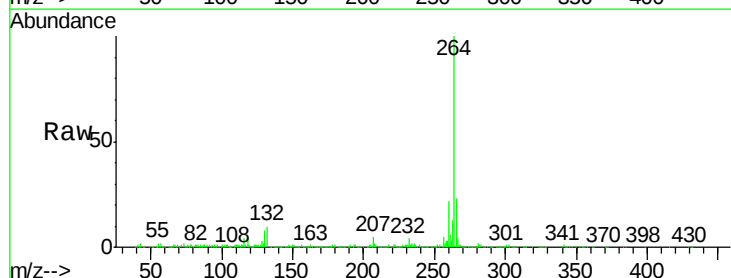
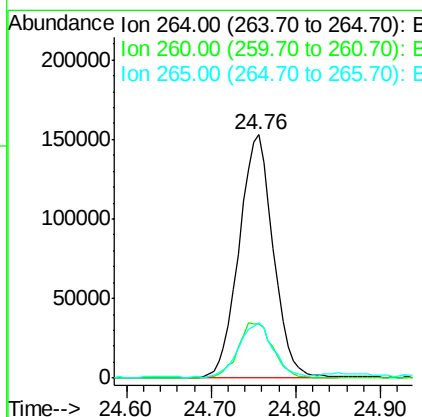
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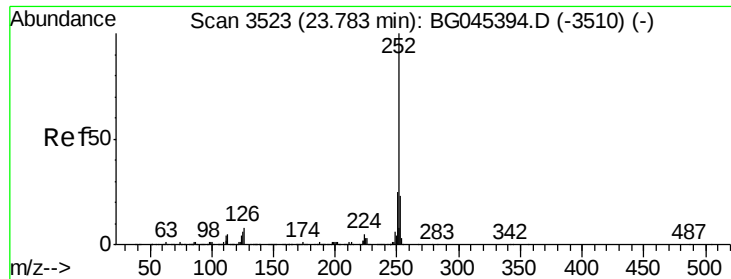
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	22.8	17.6	26.4





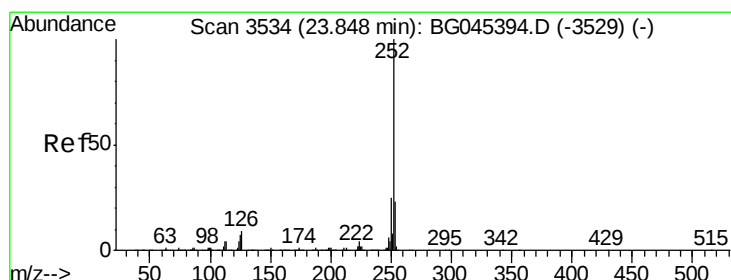
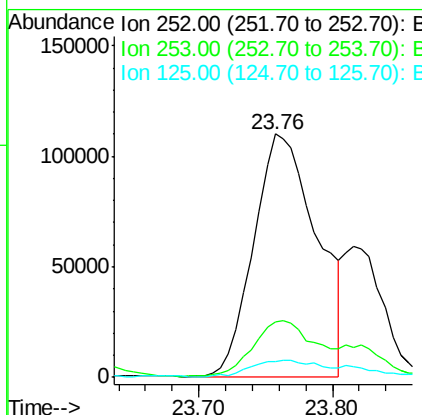
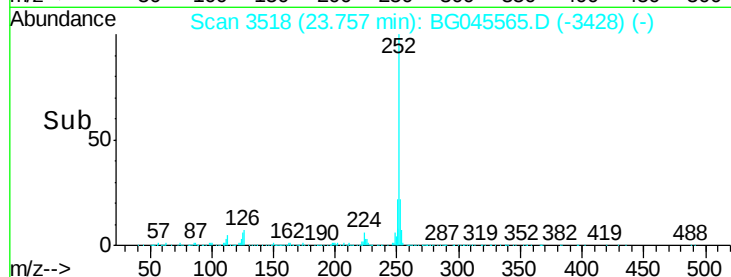
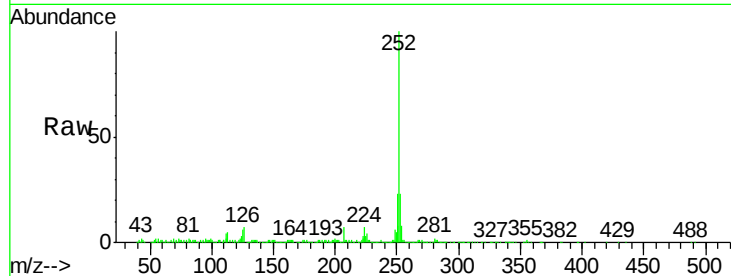
#88
Benzo(b)fluoranthene
Concen: 15.705 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Instrument :
BNA_G
ClientSampleId :
NM100-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	6.2	5.0	7.6

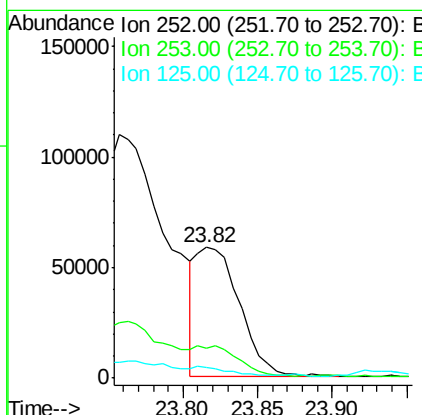
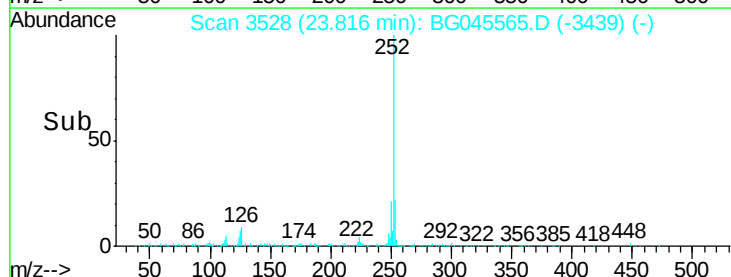
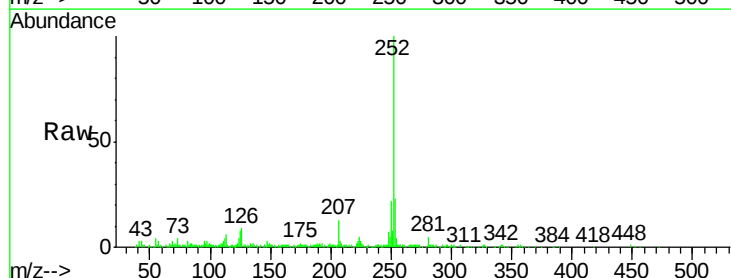
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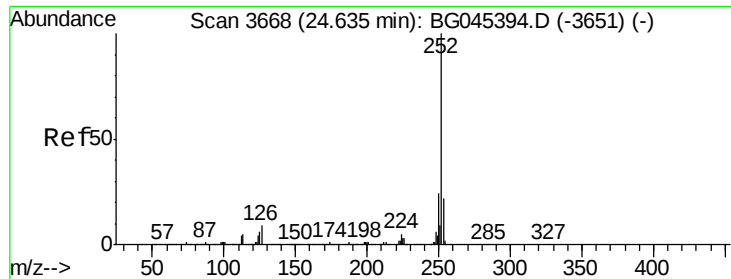
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.453 ng m
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045565.D
Acq: 1 Jun 2020 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	7.8	5.7	8.5





#90

Benzo(a)pyrene

Concen: 11.951 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Instrument :

BNA_G

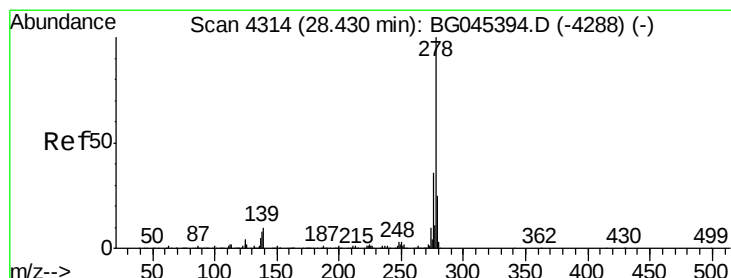
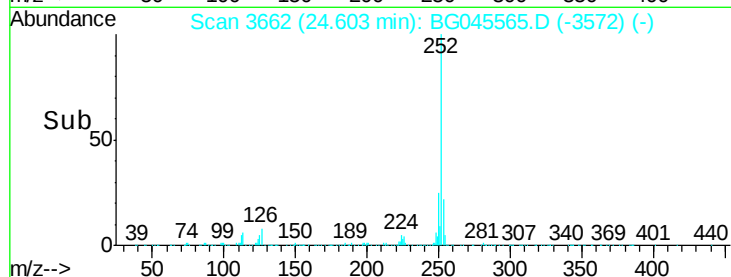
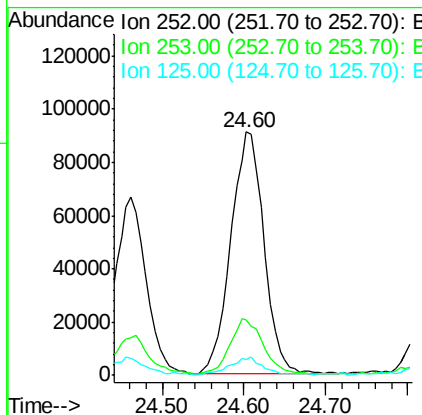
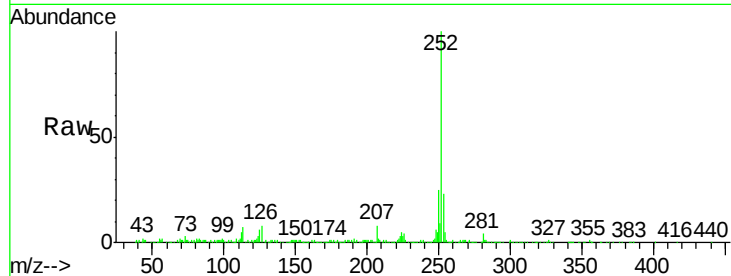
ClientSampleId :

NM100-COMP-2020-0-6

Tot Ion:	252	Resp:	255514
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	6.4	5.0	7.6

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#91

Dibenzo(a,h)anthracene

Concen: 2.023 ng

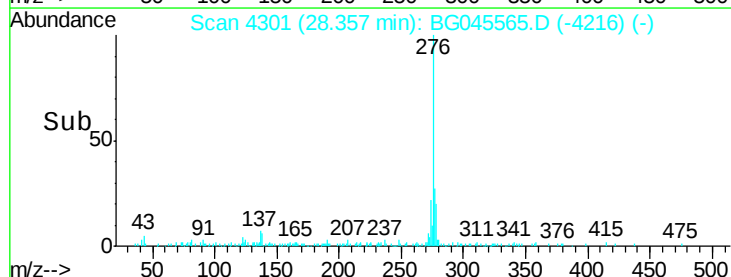
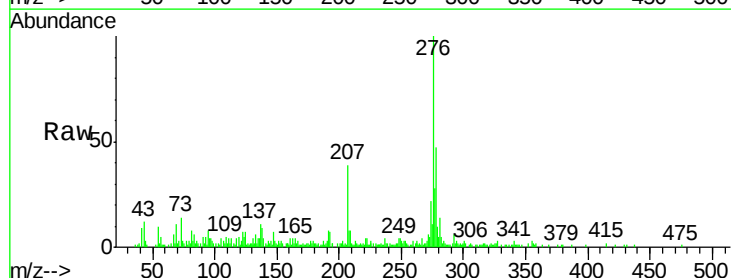
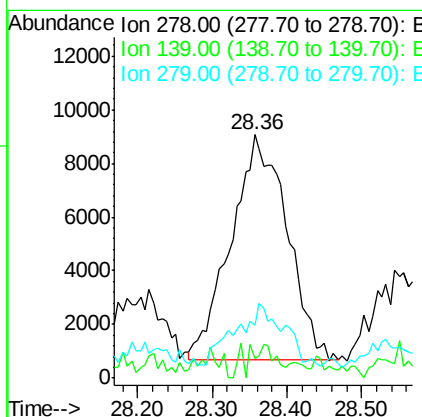
RT: 28.36 min Scan# 4301

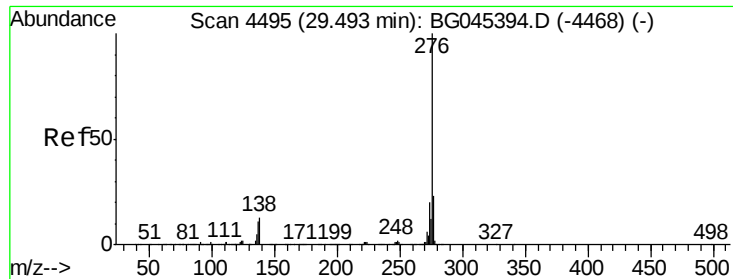
Delta R.T. -0.03 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Tgt Ion:	278	Resp:	43473
Ion Ratio	Lower	Upper	
278	100		
139	7.9	7.8	11.8
279	21.9	19.8	29.8





#92

Benzo(a,h,i)perylene

Concen: 7.459 ng

RT: 29.44 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG045565.D

Acq: 1 Jun 2020 21:17

Instrument :

BNA_G

ClientSampleId :

NM100-COMP-2020-0-6

Tot Ion:	276	Resp:	160276
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.1	27.1
138	11.3	10.2	15.4

Manual Integrations
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