

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045569.D
 Acq On : 1 Jun 2020 23:58
 Operator : CG/JU
 Sample : L2792-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM15-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 02:20:31 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	7.96	152	85818	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	342257	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	224907	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	451105	20.00	ng	0.00
76) Chrysene-d12	21.60	240	388113	20.00	ng	0.00
87) Perylene-d12	24.76	264	420301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	441984	100.65	ng	0.01
7) Phenol-d6	7.15	99	681697	109.07	ng	0.00
23) Nitrobenzene-d5	9.11	82	475448	75.75	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	306899	106.70	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1081136	81.54	ng	0.00
79) Terphenyl-d14	19.96	244	1361223	81.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	174127	11.286	ng	Qvalue # 98
71) Phenanthrene	17.39	178	60082	3.051	ng	98
75) Fluoranthene	19.40	202	154724	6.177	ng	96
78) Pyrene	19.76	202	150861	6.819	ng	97
81) Benzo(a)anthracene	21.59	228	87493	4.047	ng	97
83) Chrysene	21.65	228	81223	3.907	ng	97
88) Benzo(b)fluoranthene	23.76	252	119938	5.321	ng	# 96
89) Benzo(k)fluoranthene	23.82	252	46156m	2.180	ng	
90) Benzo(a)pyrene	24.61	252	85576	4.076	ng	# 95

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

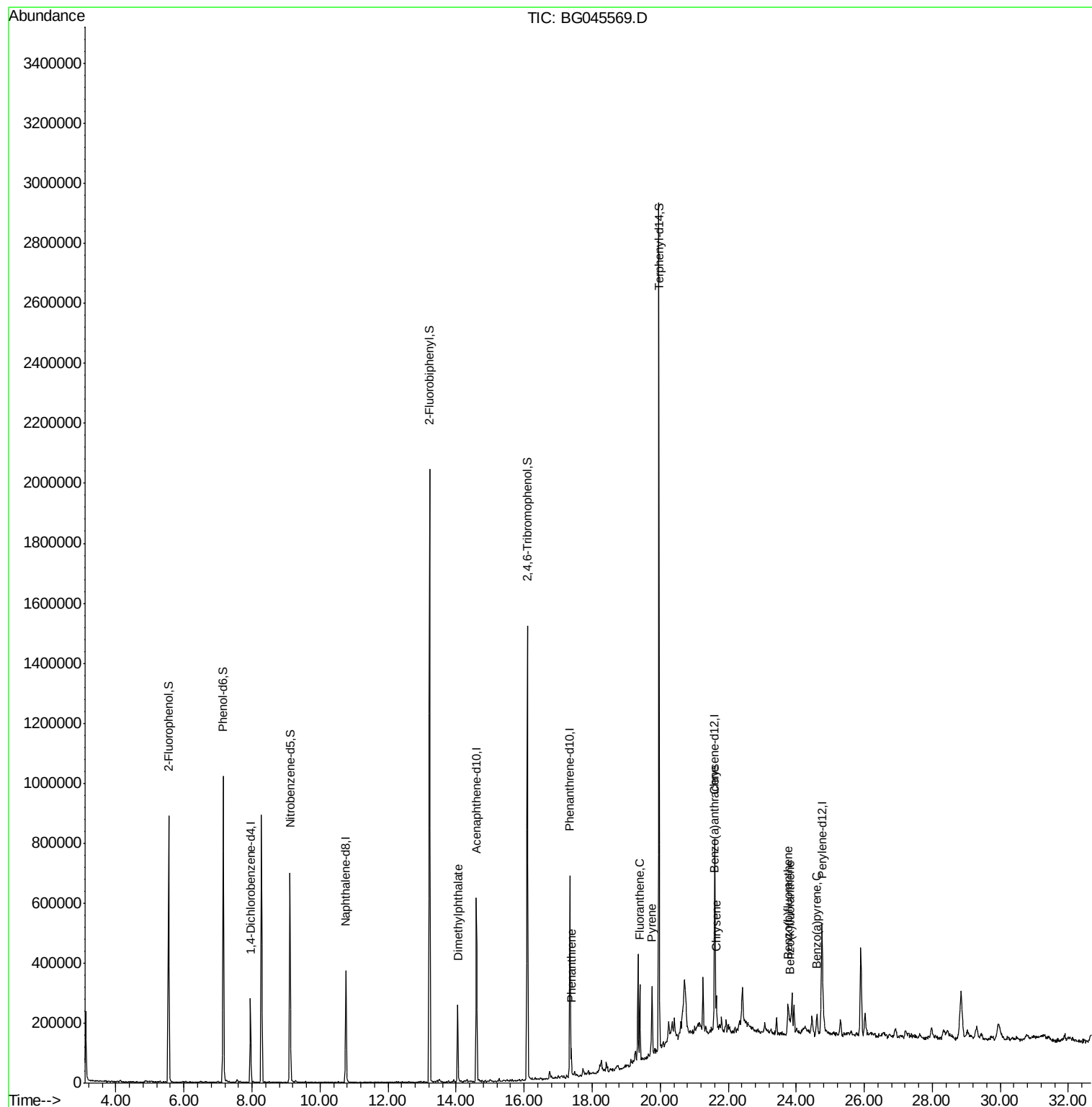
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045569.D
Acq On : 1 Jun 2020 23:58
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

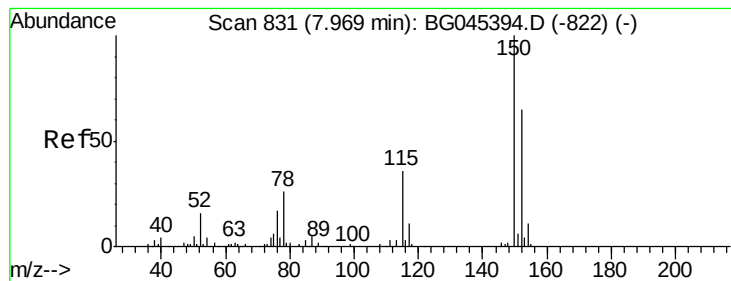
Instrument :
BNA_G
ClientSampleId :
NM15-COMP-2020-0-6

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Quant Time: Jun 02 02:20:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

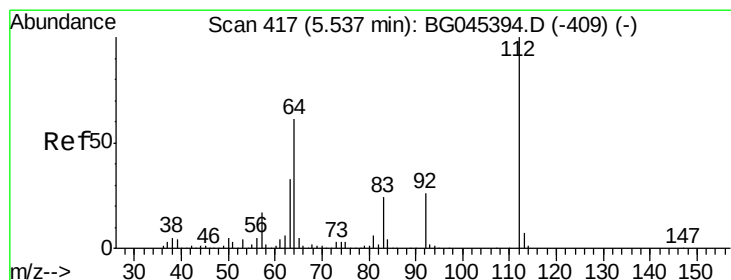
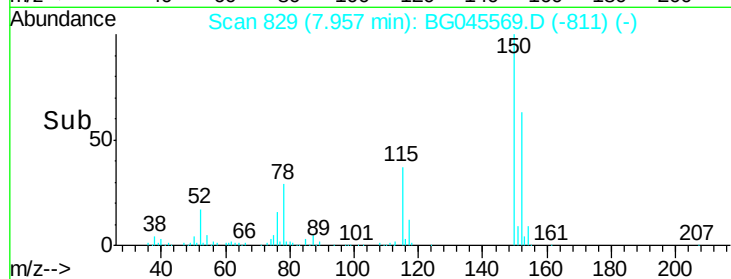
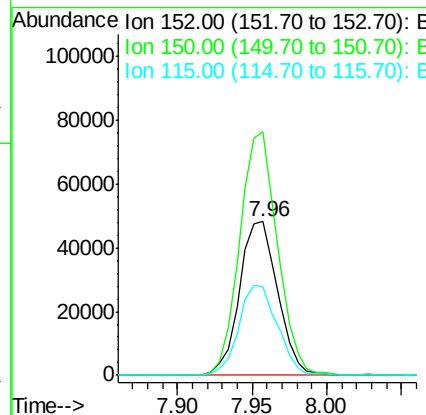
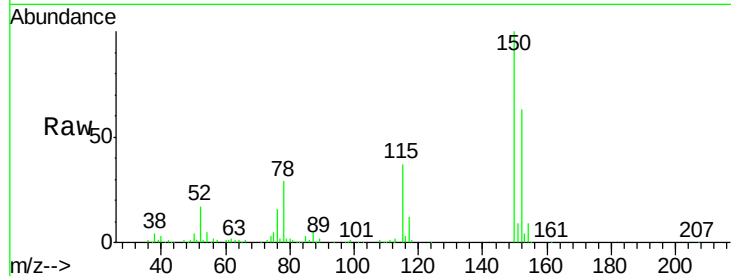
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Instrument :
BNA_G
ClientSampleId :
NM15-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.4	183.6
115	57.9	44.2	66.4

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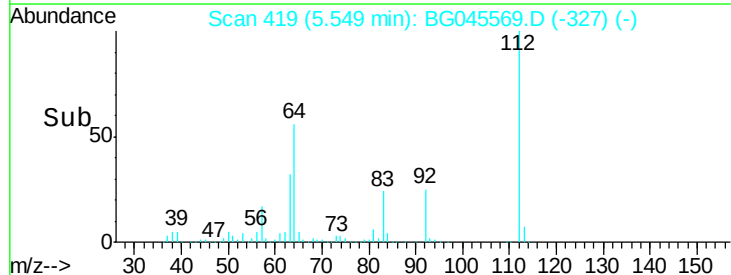
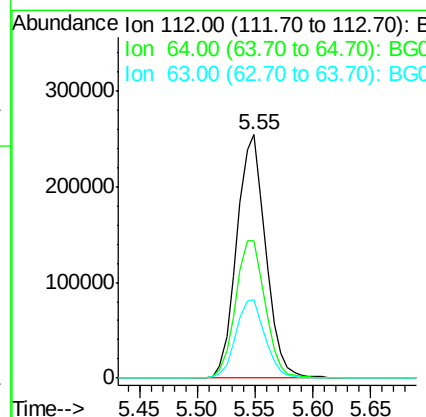
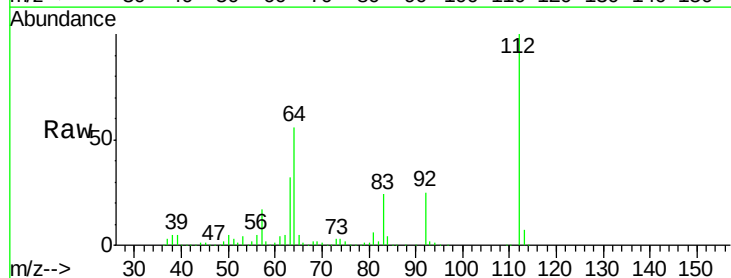
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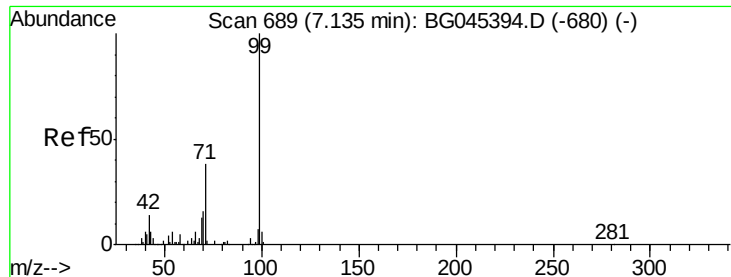


#5

2-Fluorophenol
Concen: 100.651 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.01 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	48.6	72.8
63	32.2	26.5	39.7





#7

Phenol-d6

Concen: 109.070 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Instrument :

BNA_G

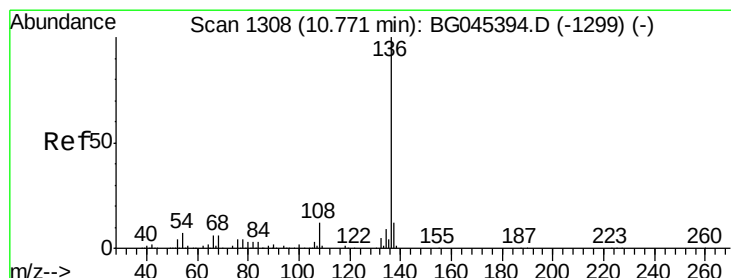
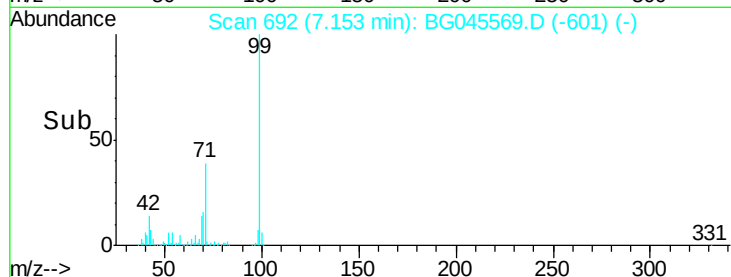
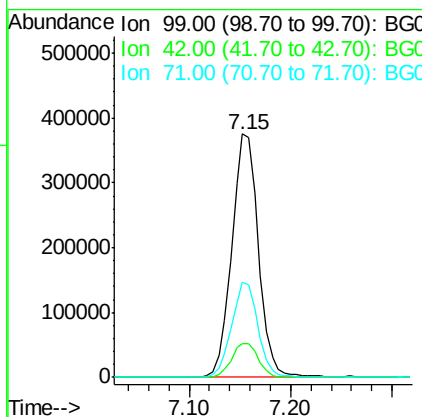
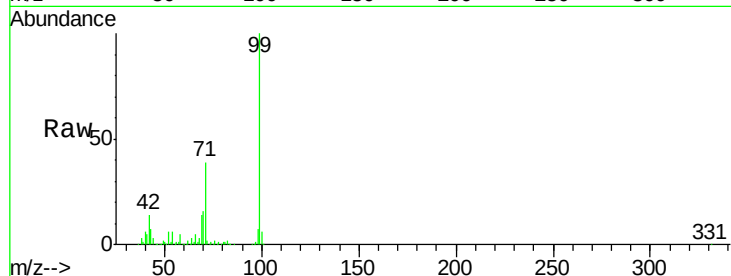
ClientSampleId :

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Tot Ion:	99	Resp:	681697
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.3	16.9
71	39.0	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

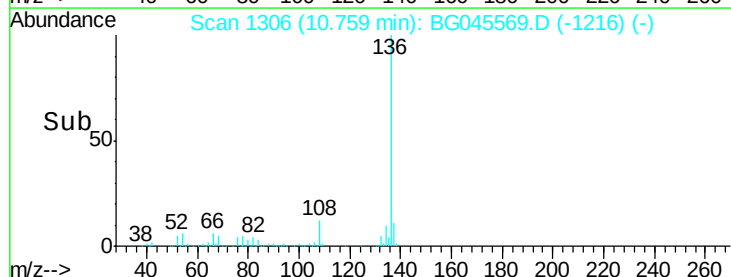
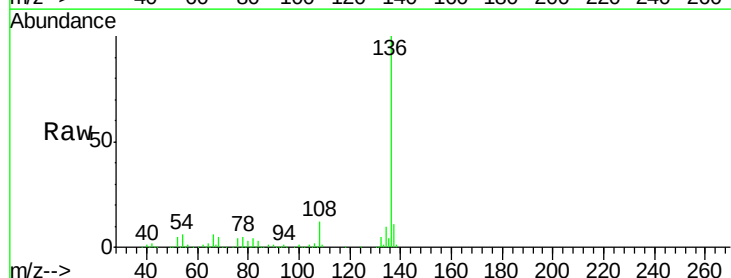
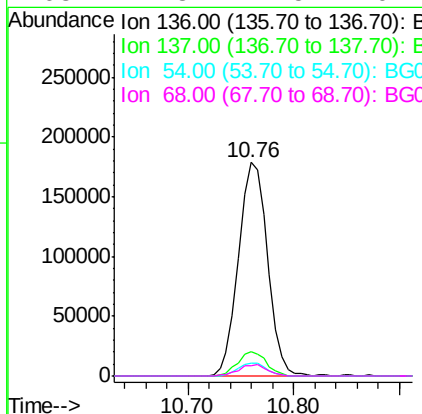
RT: 10.76 min Scan# 1306

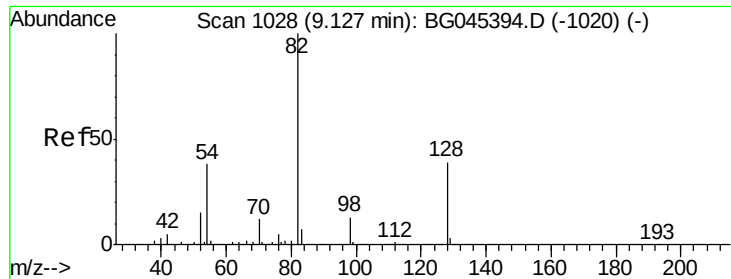
Delta R.T. 0.00 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Tgt Ion:	136	Resp:	342257
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.4	14.2
54	6.2	5.8	8.6
68	4.8	4.5	6.7





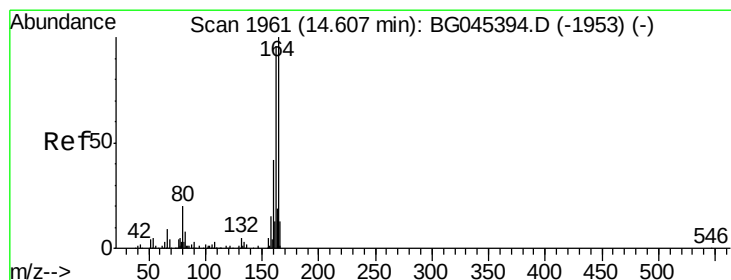
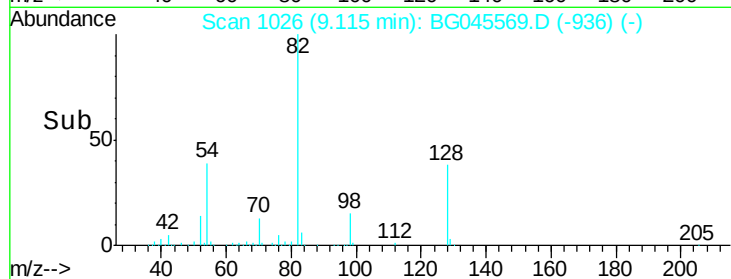
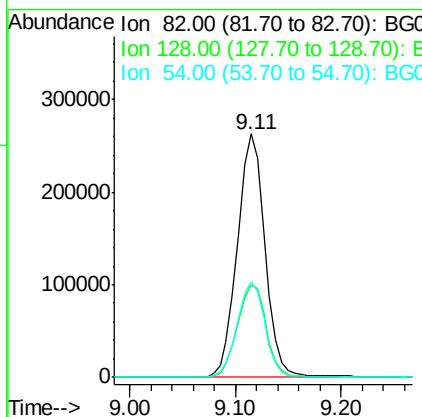
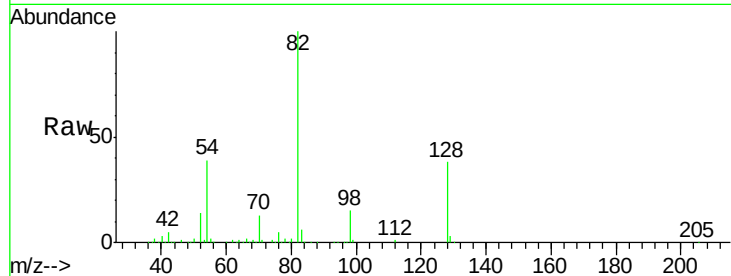
#23
 Nitrobenzene-d5
 Concen: 75.753 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045569.D
 Acq: 1 Jun 2020 23:58

Instrument :
 BNA_G
 ClientSampleId :
 NM15-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	475448		
128	38.1		30.9	46.3
54	39.0		30.3	45.5

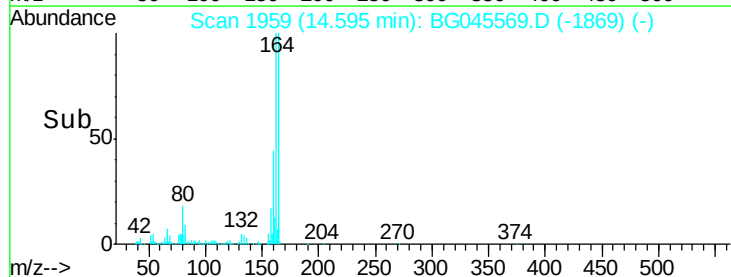
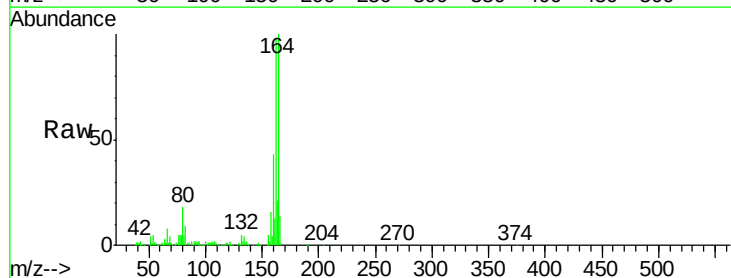
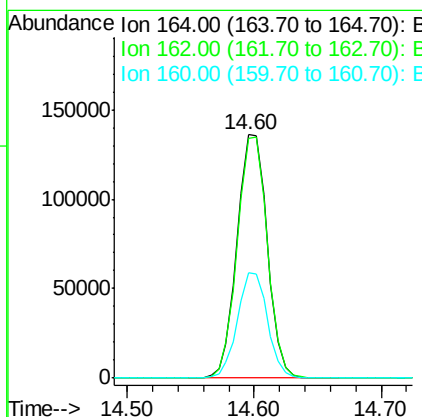
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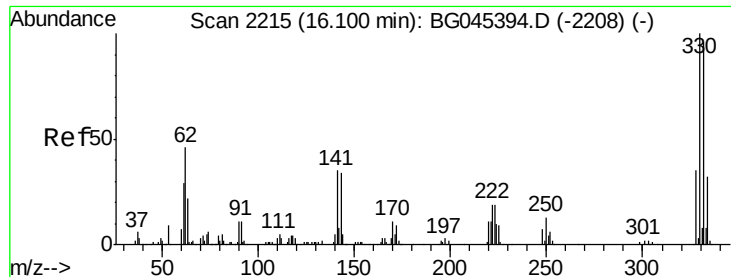
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045569.D
 Acq: 1 Jun 2020 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224907		
162	98.4		76.9	115.3
160	43.4		33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 106.699 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Instrument :

BNA_G

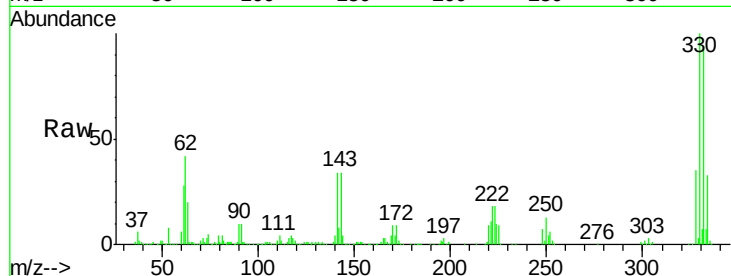
ClientSampleId :

NM15-COMP-2020-0-6

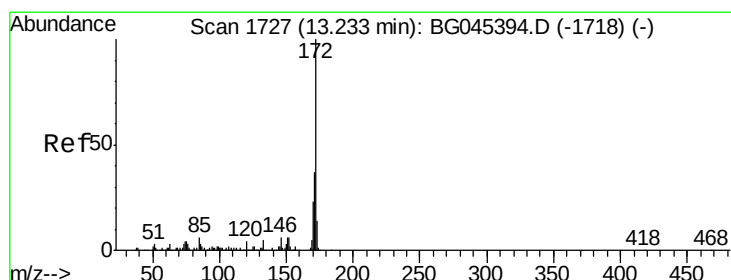
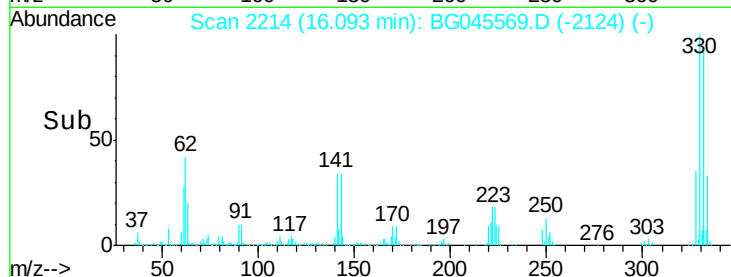
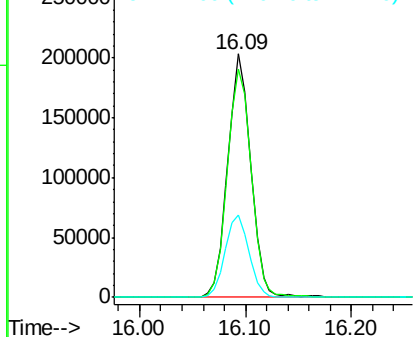
Tot Ion:	330	Resp:	306899
Ion Ratio	Lower	Upper	
330	100		
332	97.2	78.2	117.4
141	35.2	28.2	42.4

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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: 81.537 ng

RT: 13.22 min Scan# 1725

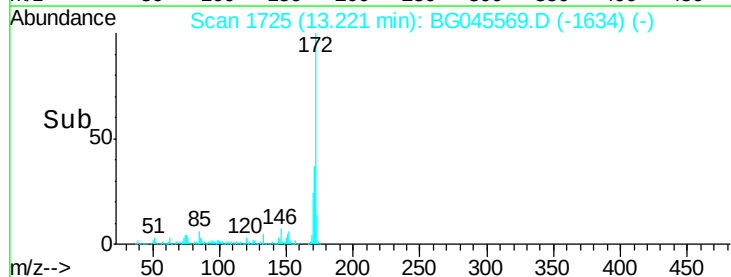
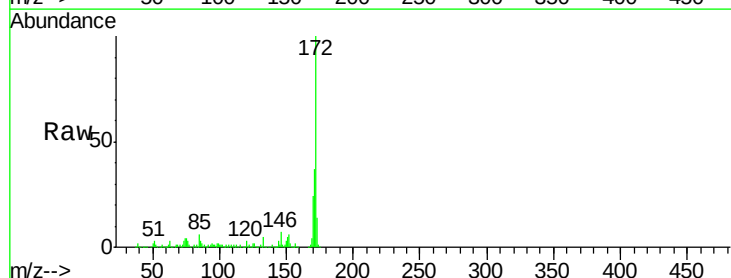
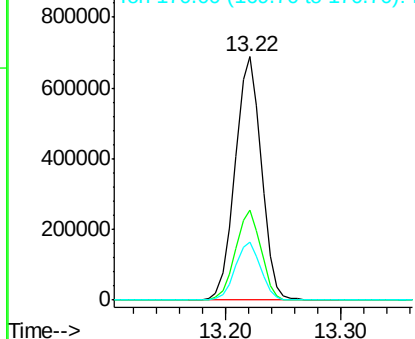
Delta R.T. 0.01 min

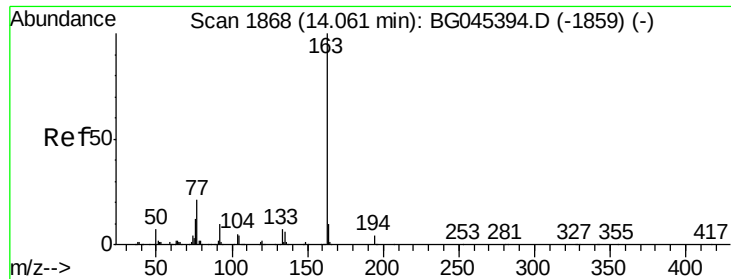
Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Tgt Ion:	172	Resp:	1081136
Ion Ratio	Lower	Upper	
172	100		
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





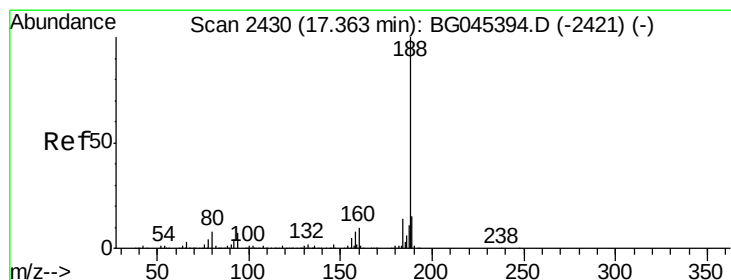
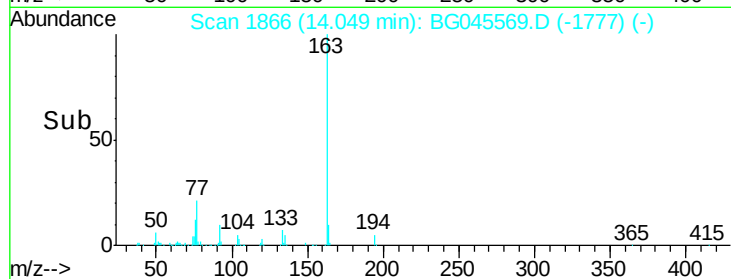
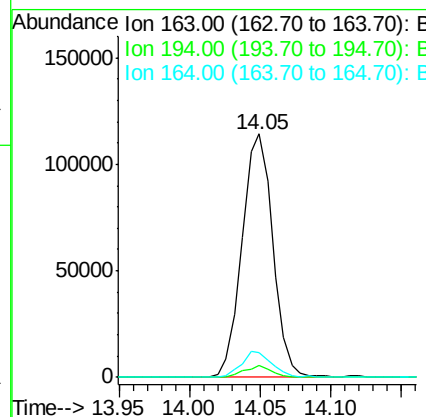
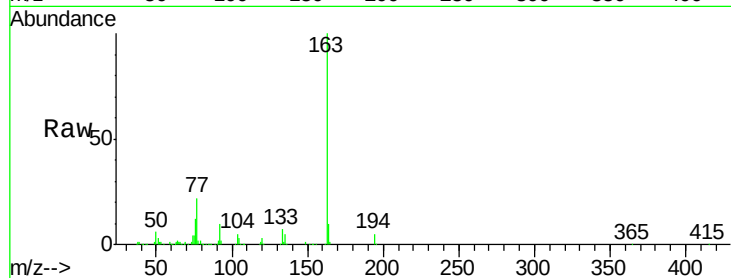
#50
Dimethylphthalate
Concen: 11.286 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Instrument :
BNA_G
ClientSampleId :
NM15-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.2	4.8#
164	10.0	8.3	12.5

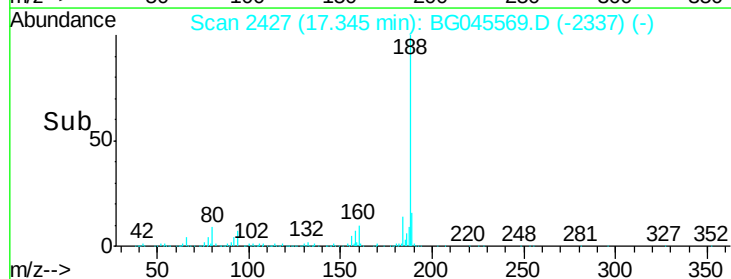
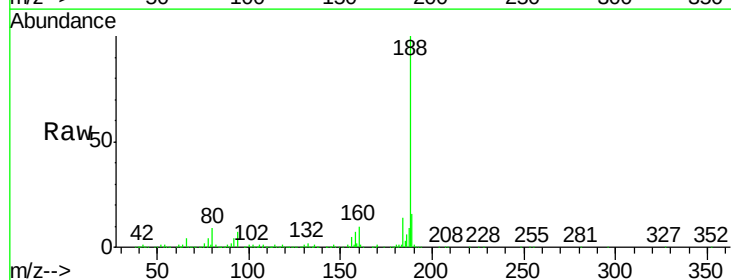
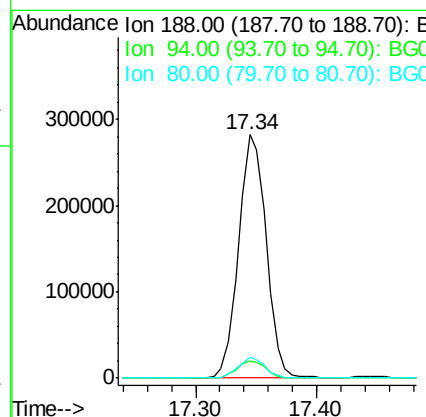
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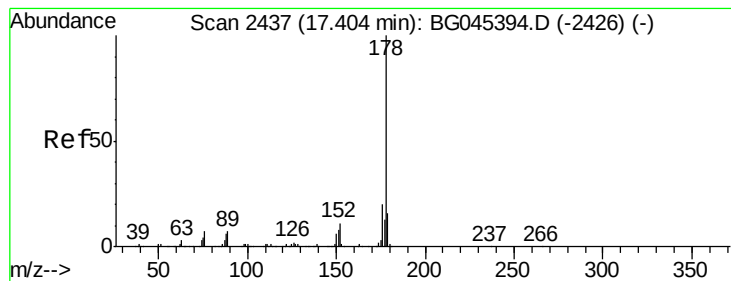
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.6	6.6	10.0





#71

Phenanthrene

Concen: 3.051 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Instrument :

BNA_G

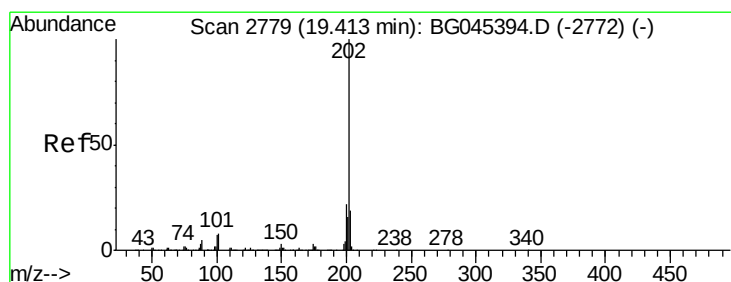
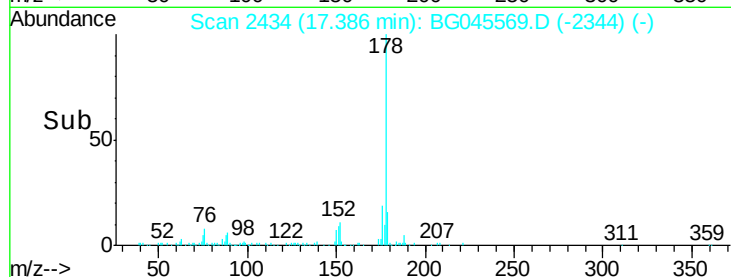
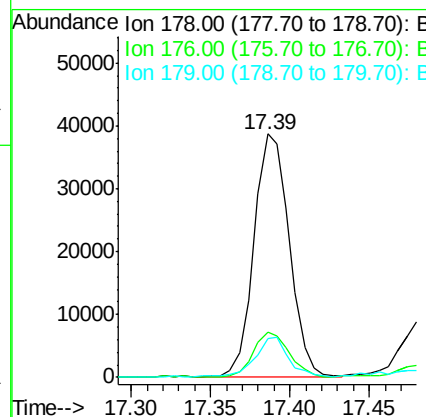
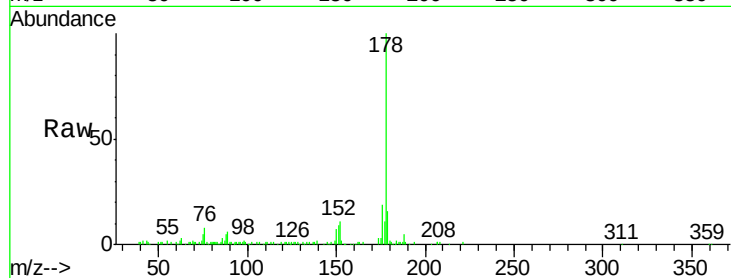
ClientSampleId :

NM15-COMP-2020-0-6

Tot Ion:	178	Resp:	60082
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.2	24.4
179	16.1	13.1	19.7

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#75

Fluoranthene

Concen: 6.177 ng

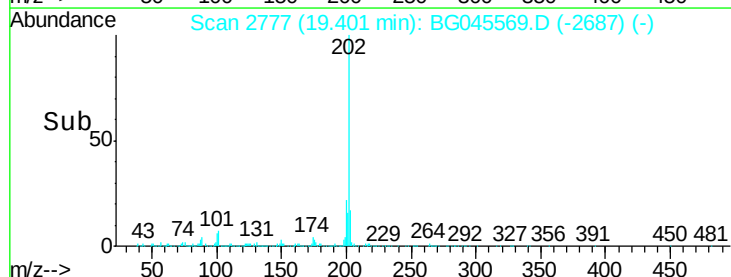
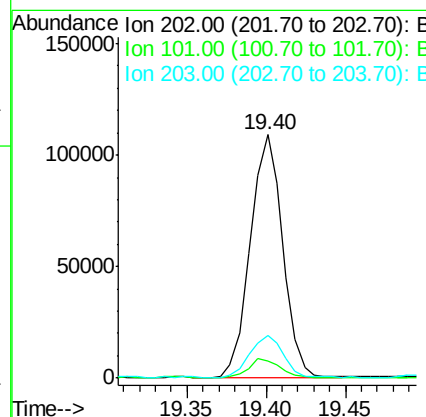
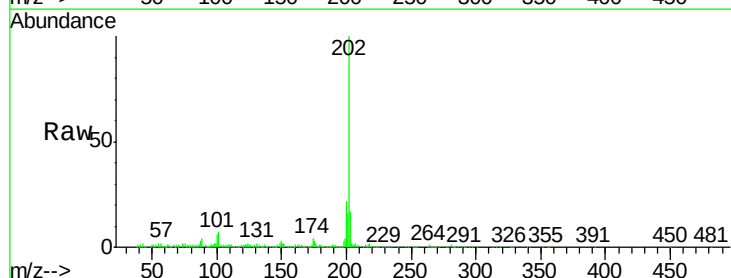
RT: 19.40 min Scan# 2777

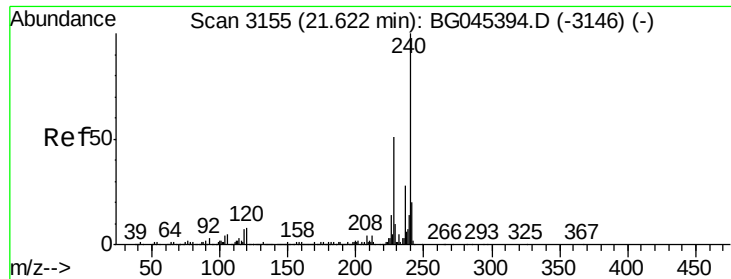
Delta R.T. 0.00 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Tgt Ion:	202	Resp:	154724
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	28.3
203	17.3	0.0	39.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Instrument :

BNA_G

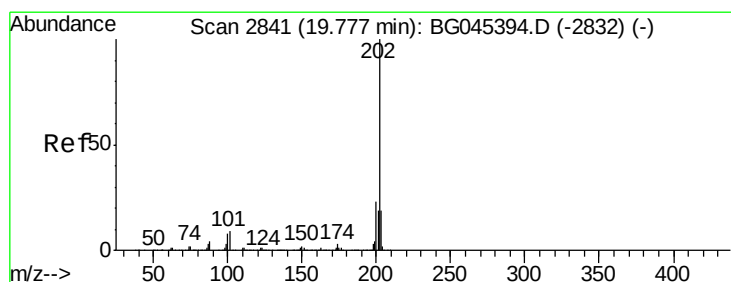
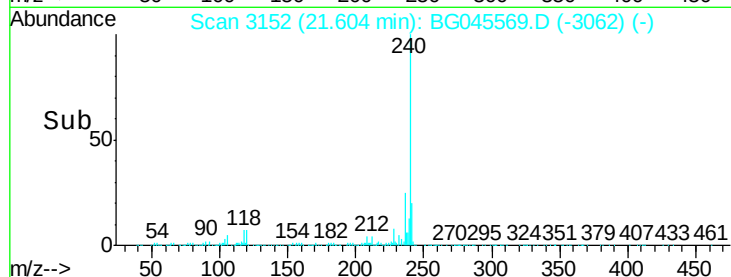
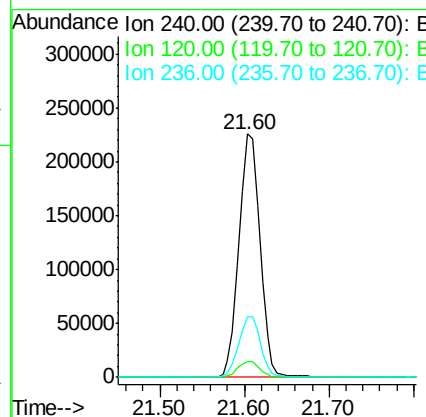
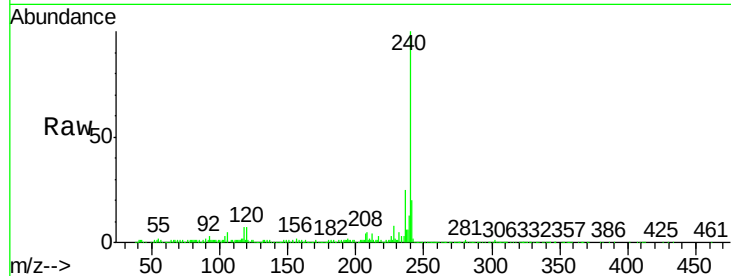
ClientSampleId :

NM15-COMP-2020-0-6

Tot Ion:	240	Resp:	388113
Ion Ratio	Lower	Upper	
240	100		
120	6.7	6.1	9.1
236	24.7	22.3	33.5

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#78

Pyrene

Concen: 6.819 ng

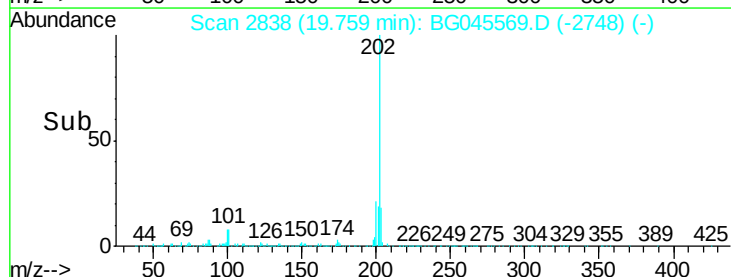
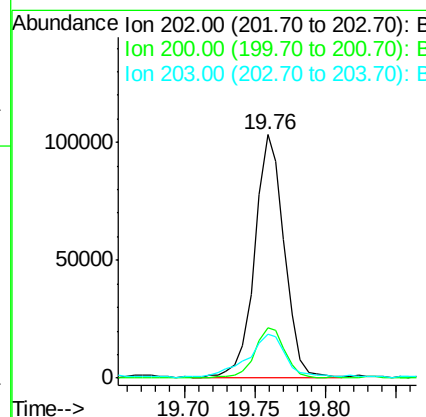
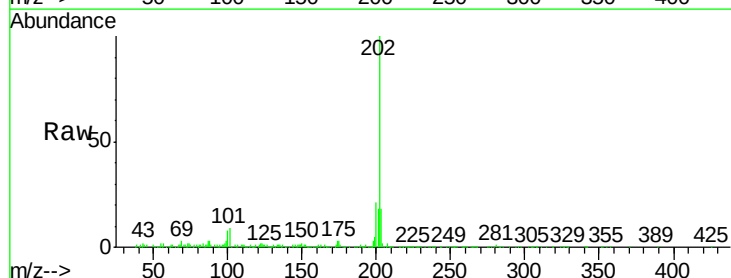
RT: 19.76 min Scan# 2838

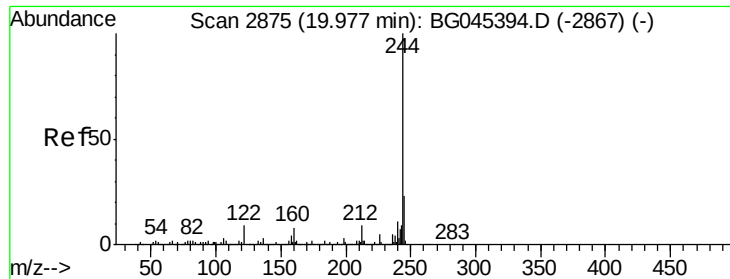
Delta R.T. 0.00 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Tgt Ion:	202	Resp:	150861
Ion Ratio	Lower	Upper	
202	100		
200	20.5	18.2	27.2
203	18.2	15.1	22.7





#79

Terphenyl-d14

Concen: 81.800 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

Instrument :

BNA_G

ClientSampleId :

NM15-COMP-2020-0-6

Tot Ion:244 Resp: 1361223

Ion Ratio Lower Upper

244 100

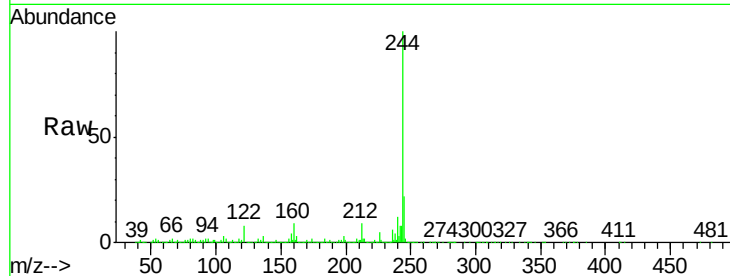
212 9.3 7.4 11.0

122 8.1 6.8 10.2

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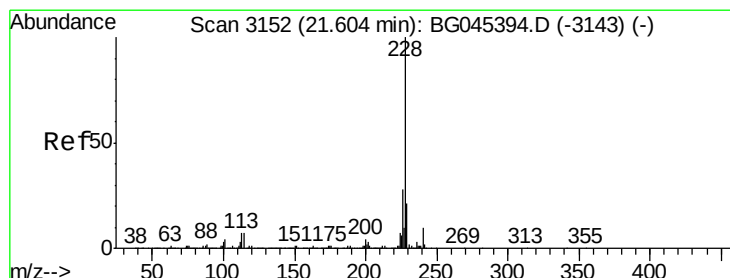
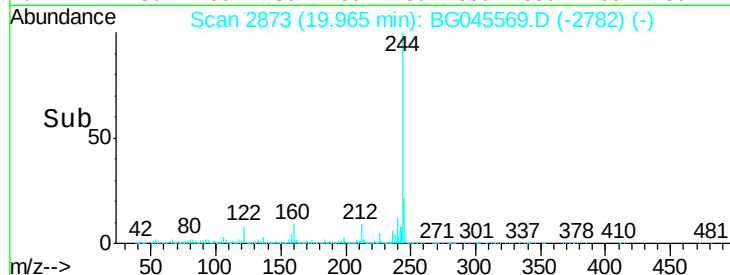
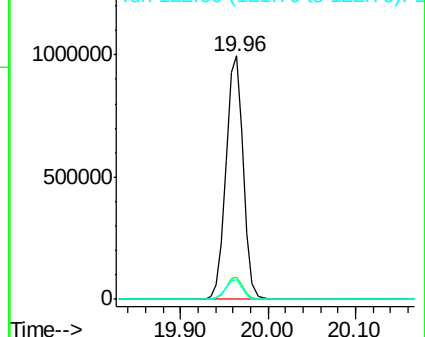
6/2/2020 3:23:12 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.047 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045569.D

Acq: 1 Jun 2020 23:58

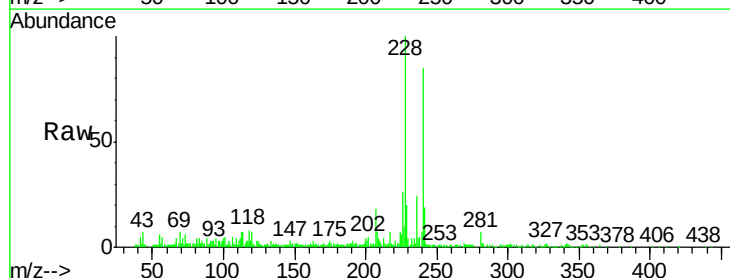
Tgt Ion:228 Resp: 87493

Ion Ratio Lower Upper

228 100

226 25.9 22.7 34.1

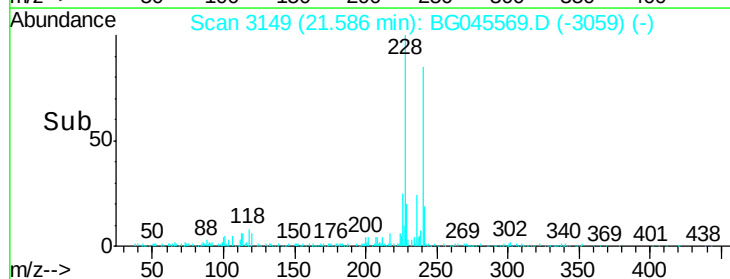
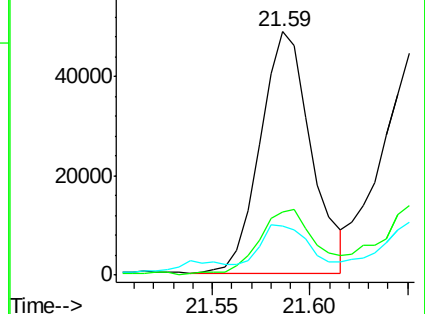
229 20.4 16.7 25.1

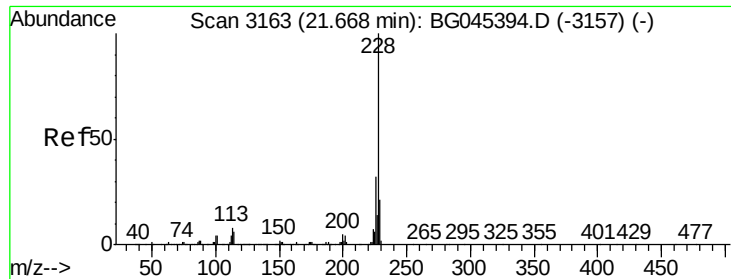


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





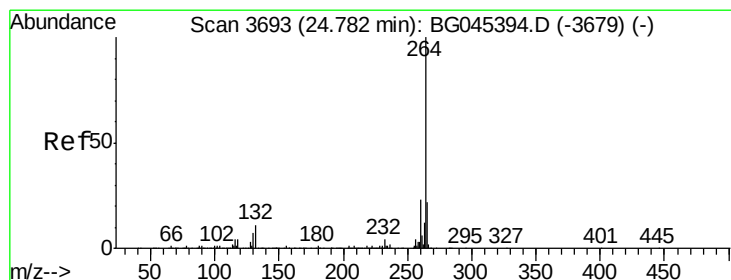
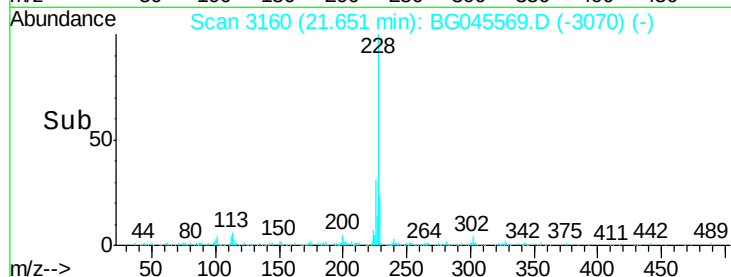
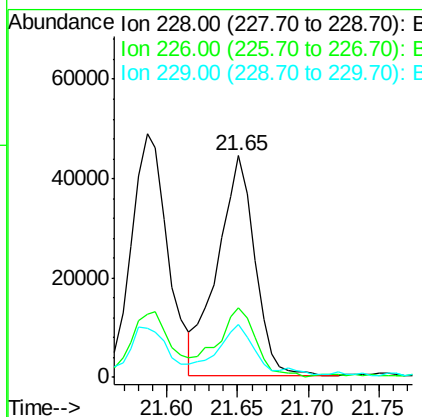
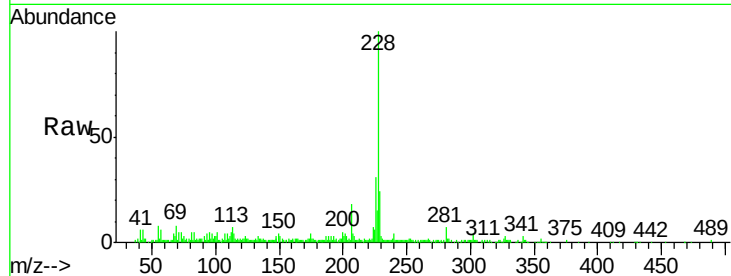
#83
Chrysene
Concen: 3.907 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Instrument :
BNA_G
ClientSampleId :
NM15-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.2	37.8
229	23.8	16.7	25.1

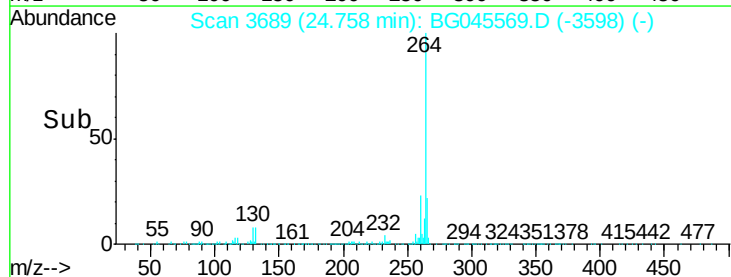
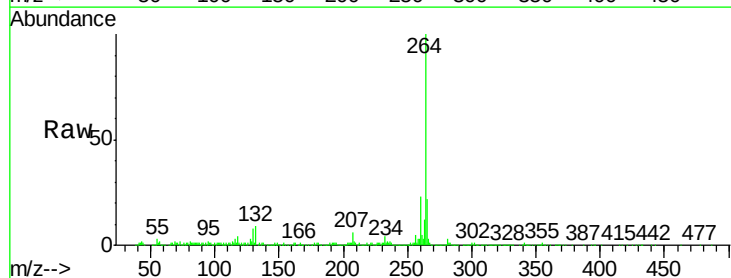
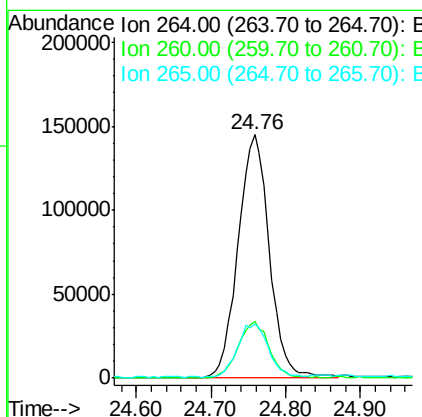
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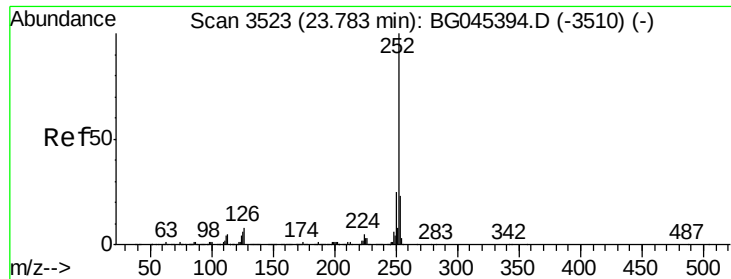
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.3	17.6	26.4





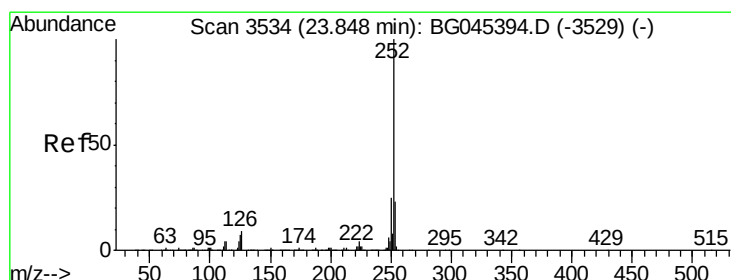
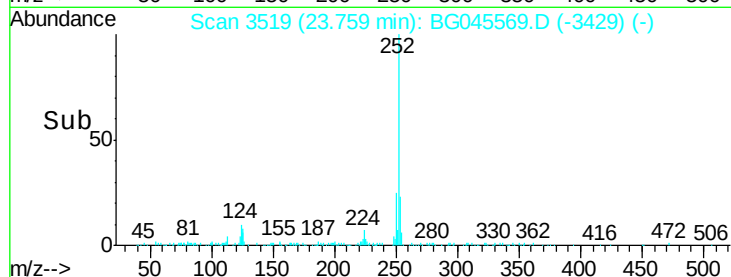
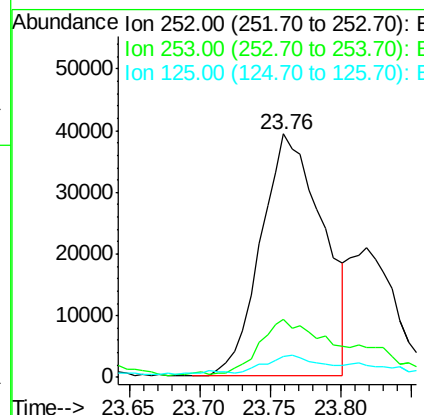
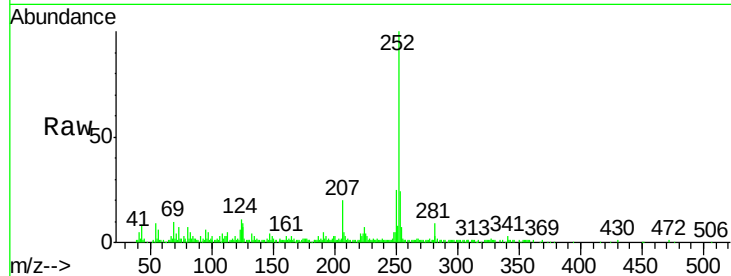
#88
Benzo(b)fluoranthene
Concen: 5.321 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Instrument :
BNA_G
ClientSampleId :
NM15-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	8.6	5.0	7.6

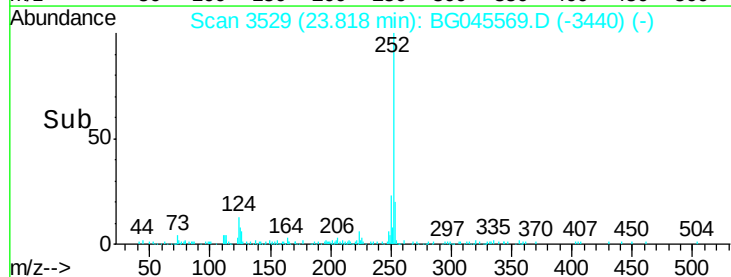
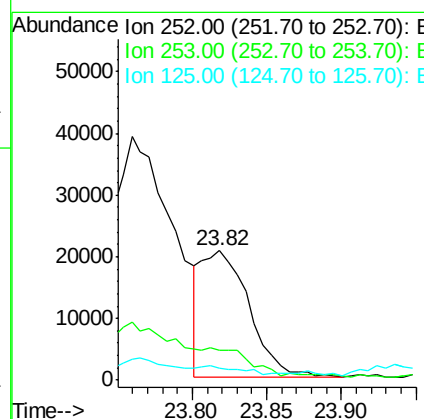
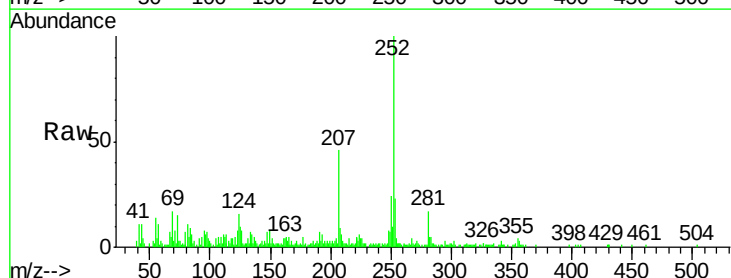
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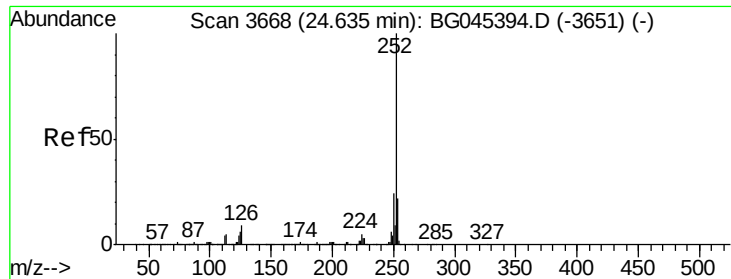
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.180 ng m
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045569.D
Acq: 1 Jun 2020 23:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	9.7	5.7	8.5





#90

Benzo(a)pyrene

Concen: 4.076 ng

RT: 24.61 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BG045569.D

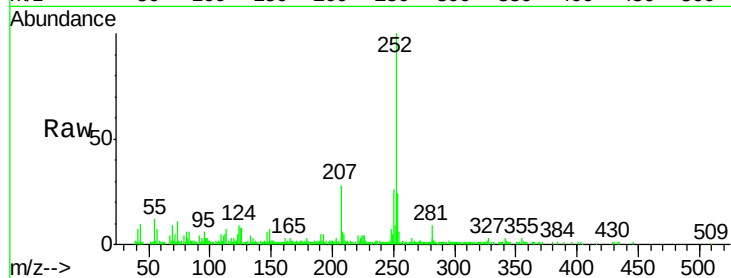
Acq: 1 Jun 2020 23:58

Instrument :

BNA_G

ClientSampleId :

NM15-COMP-2020-0-6



Tot Ion:	252	Resp:	85576
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	7.8	5.0	7.6#

Manual Integrations
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