

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045563.D
 Acq On : 1 Jun 2020 19:56
 Operator : CG/JU
 Sample : L2798-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM106-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 01:36:11 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	80534	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	326221	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	221153	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	463132	20.00	ng	0.00
76) Chrysene-d12	21.60	240	401104	20.00	ng	0.00
87) Perylene-d12	24.76	264	430614	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	318012	77.17	ng	0.00
7) Phenol-d6	7.15	99	478312	81.55	ng	0.00
23) Nitrobenzene-d5	9.11	82	340994	57.00	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	220373	77.92	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	781091	59.91	ng	0.00
79) Terphenyl-d14	19.96	244	1084011	63.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	150191	9.900	ng	99
71) Phenanthrene	17.38	178	122563	6.062	ng	94
75) Fluoranthene	19.40	202	298252	11.598	ng	100
78) Pyrene	19.76	202	278167	12.166	ng	98
81) Benzo(a)anthracene	21.58	228	157579	7.052	ng	99
83) Chrysene	21.65	228	141586	6.590	ng	98
86) Indeno(1,2,3-cd)pyrene	28.32	276	110097	3.919	ng	# 97
88) Benzo(b)fluoranthene	23.76	252	223061	9.659	ng	98
89) Benzo(k)fluoranthene	23.82	252	65601m	3.024	ng	
90) Benzo(a)pyrene	24.60	252	156110	7.258	ng	# 94
92) Benzo(g,h,i)perylene	29.43	276	103159	4.772	ng	93

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

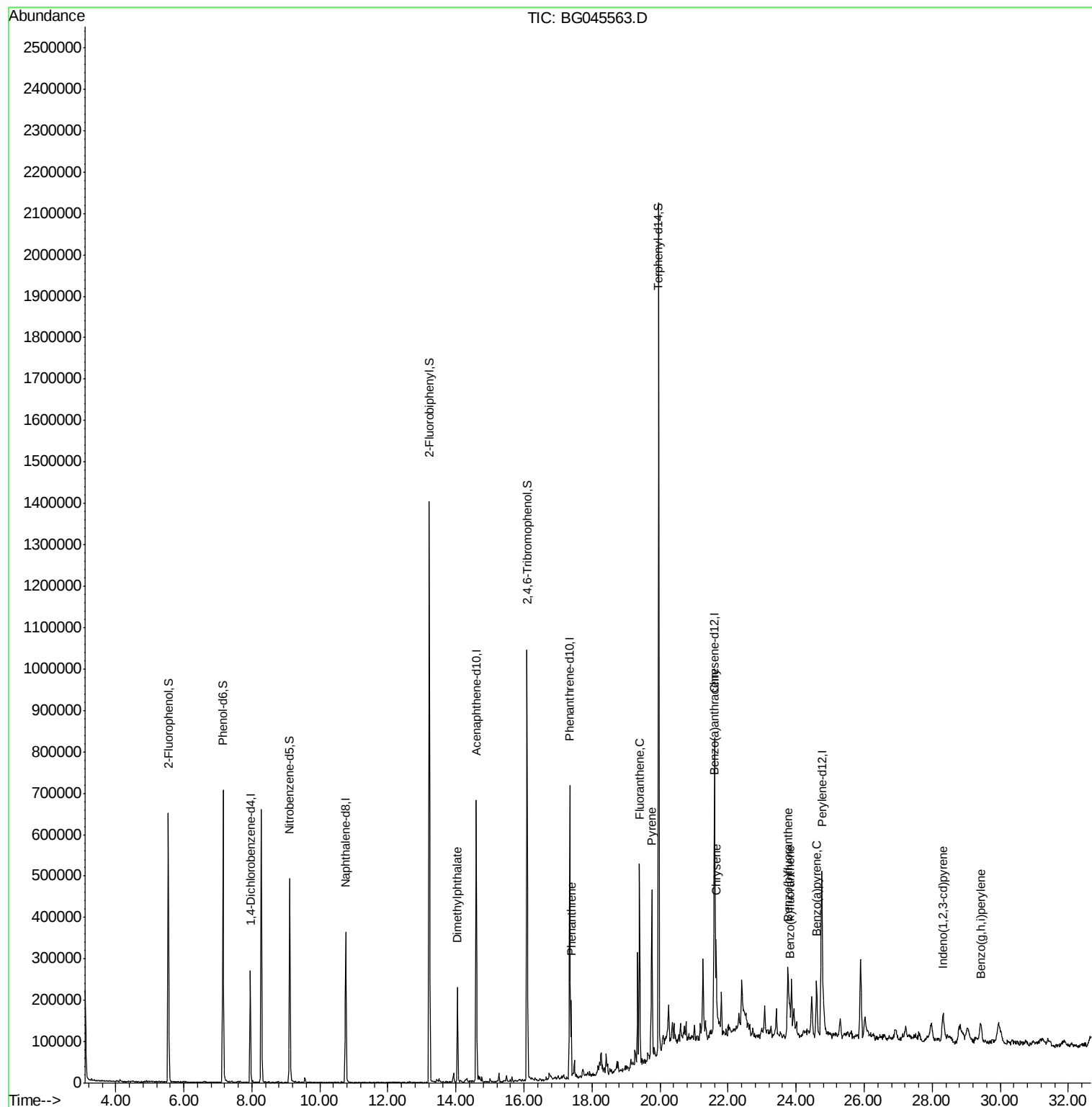
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Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

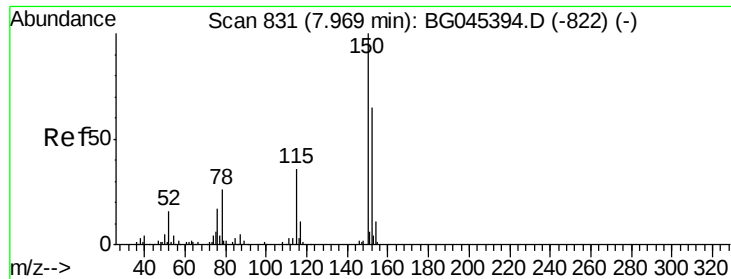
Instrument :
BNA_G
ClientSampleId :
NM106-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 01:36:11 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





#1

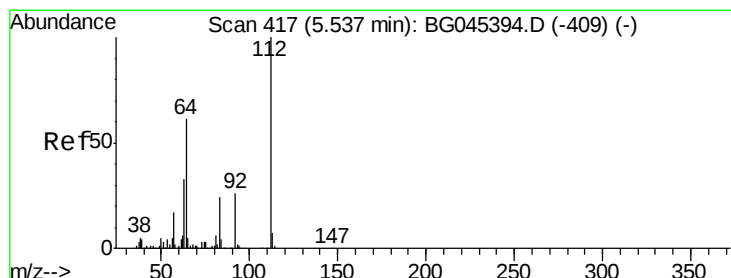
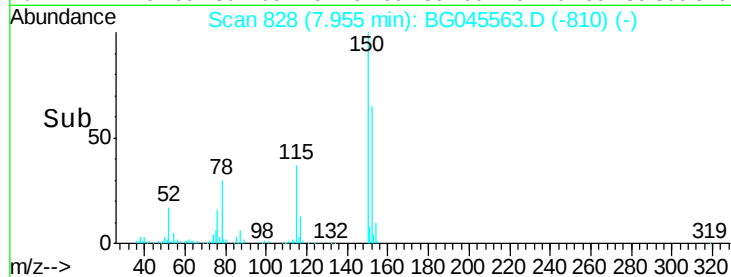
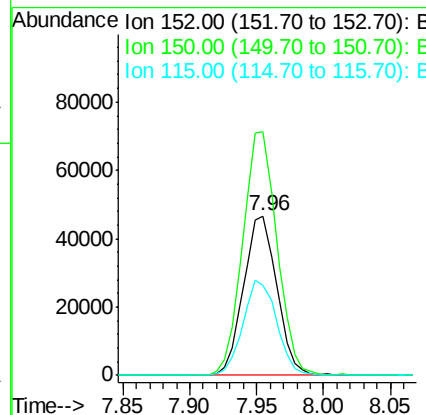
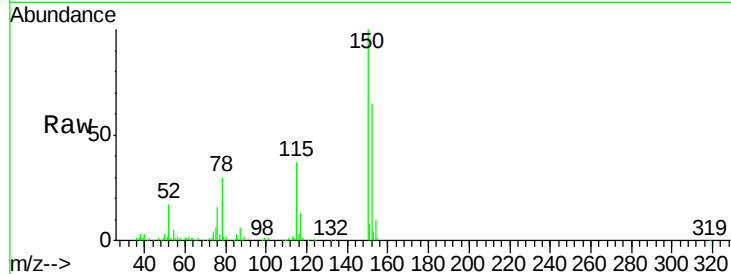
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
NM106-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.4	183.6
115	56.7	44.2	66.4

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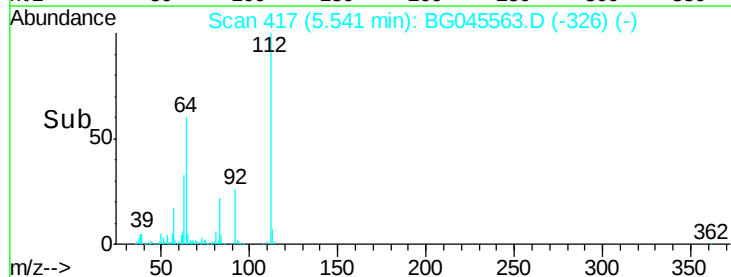
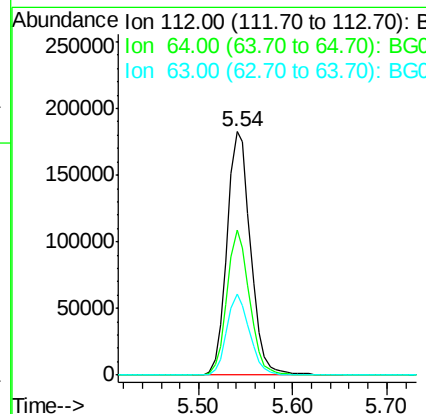
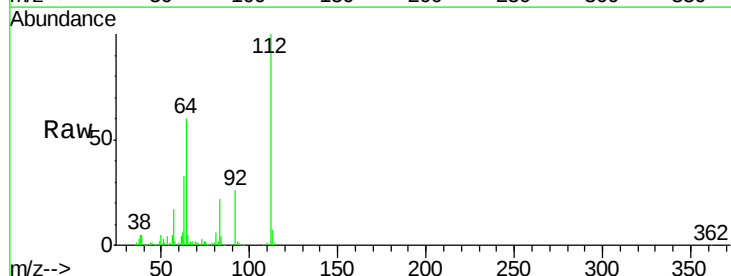
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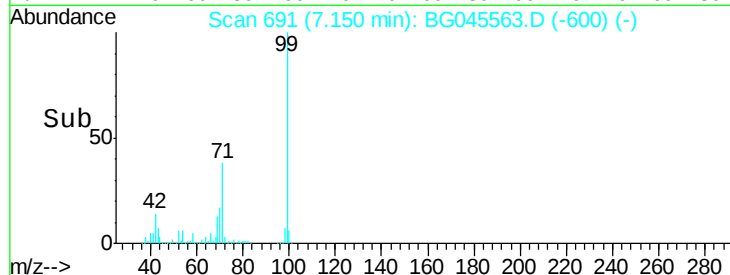
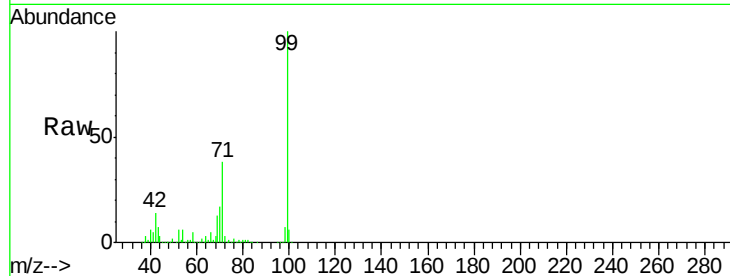
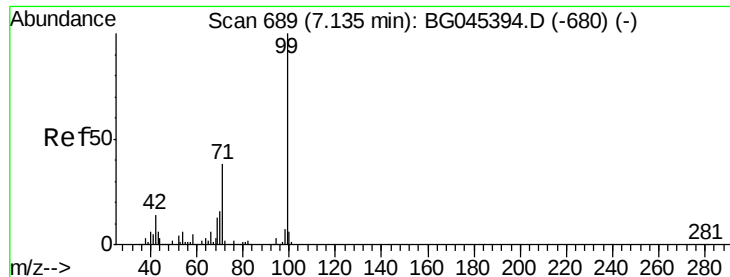


#5

2-Fluorophenol
Concen: 77.171 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.6	72.8
63	33.5	26.5	39.7





#7

Phenol-d6

Concen: 81.550 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		478312		
42	14.0	11.3	16.9		
71	38.0	30.8	46.2		

Instrument :

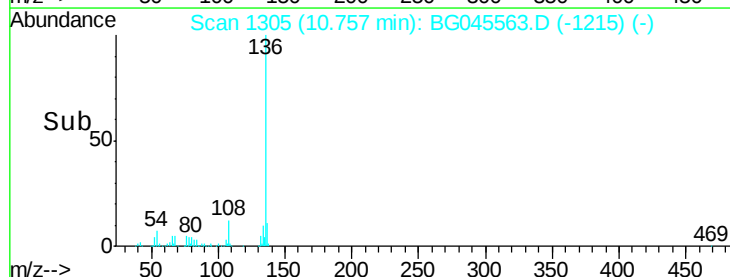
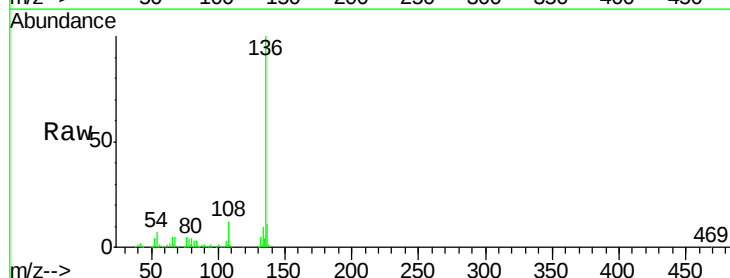
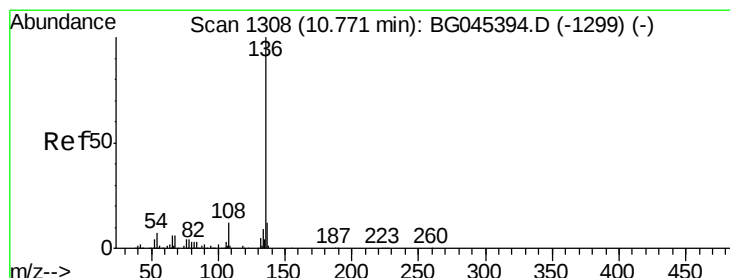
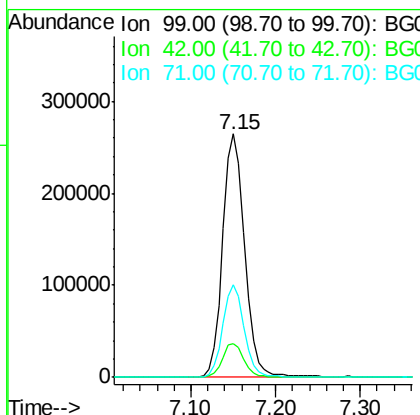
BNA_G

ClientSampleId :

NM106-COMP-2020-0-6

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#21

Naphthalene-d8

Concen: 20.000 ng

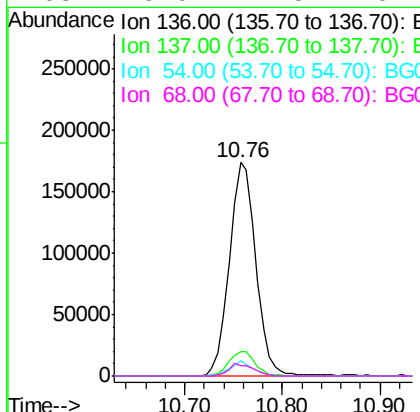
RT: 10.76 min Scan# 1305

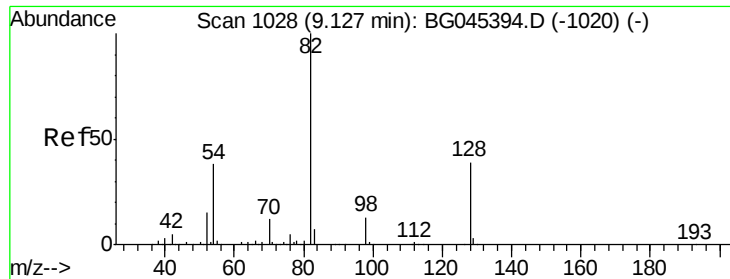
Delta R.T. -0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		326221		
137	11.2	9.4	14.2		
54	7.4	5.8	8.6		
68	5.0	4.5	6.7		





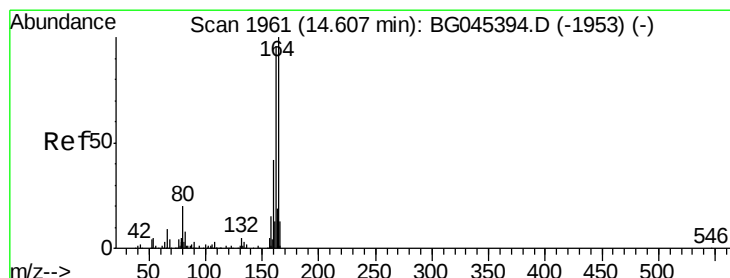
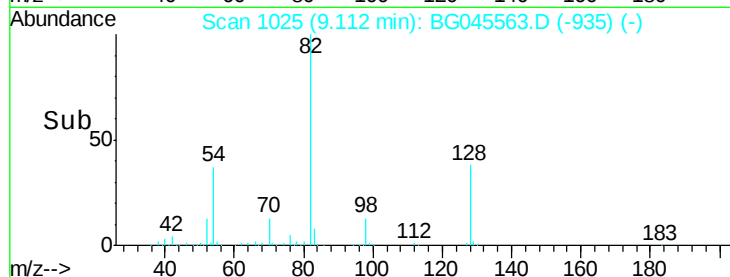
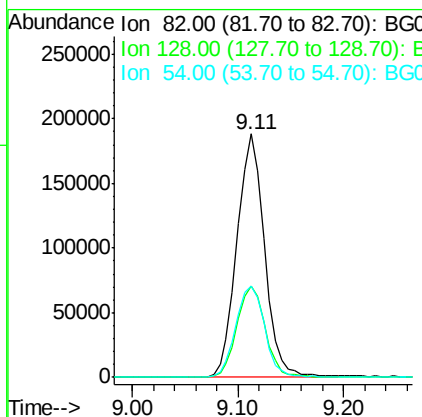
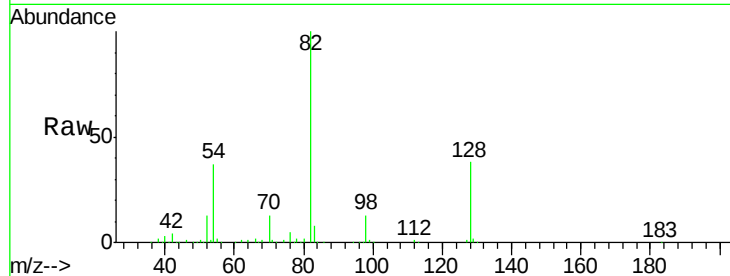
#23
Nitrobenzene-d5
Concen: 57.001 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
NM106-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.9	46.3
54	37.4	30.3	45.5

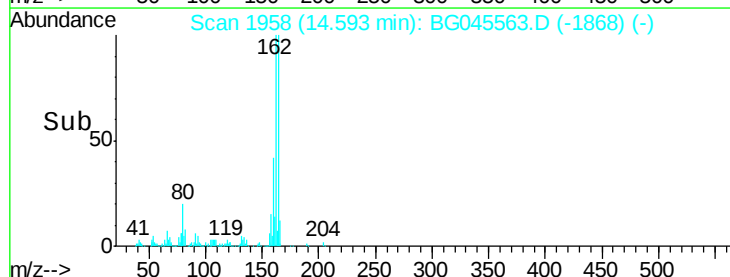
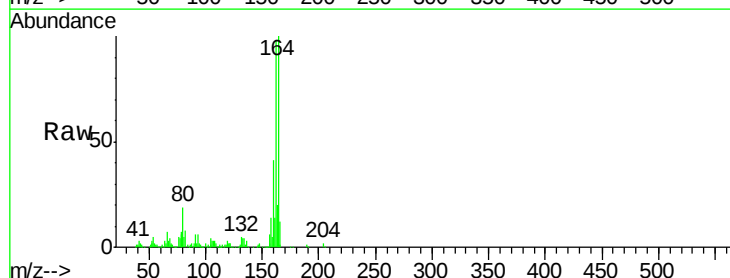
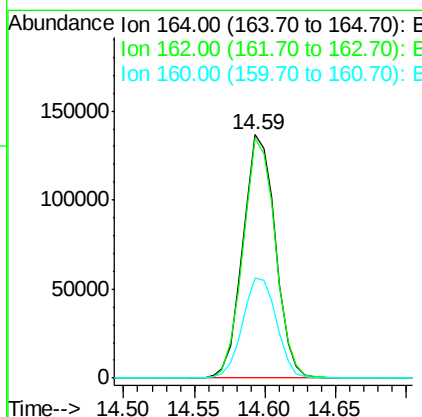
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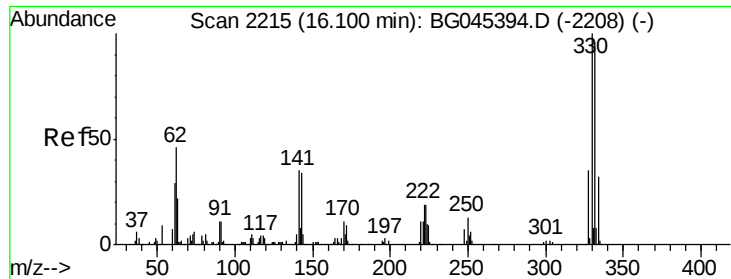
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	76.9	115.3
160	41.4	33.8	50.8





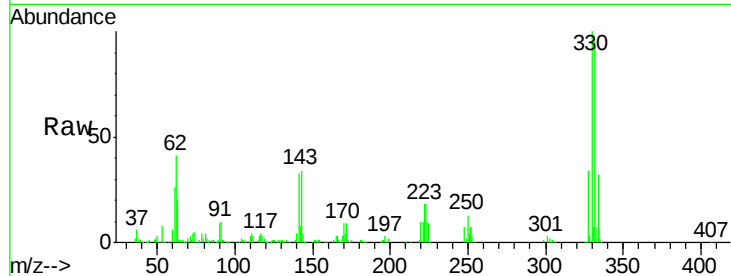
#42
 2,4,6-Tribromophenol
 Concen: 77.917 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045563.D
 Acq: 1 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 NM106-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220373		
332	98.1		78.2	117.4
141	34.1		28.2	42.4

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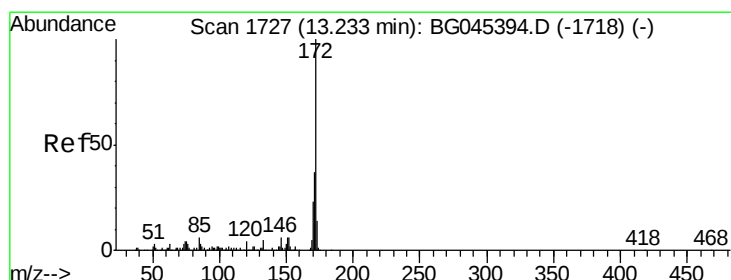
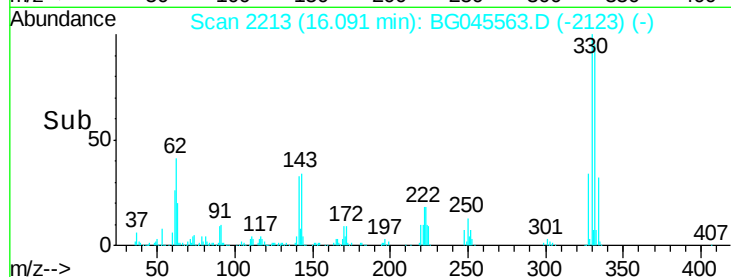
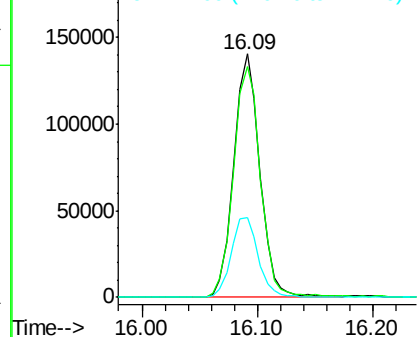


Abundance

Ion 329.80 (329.50 to 330.50): E

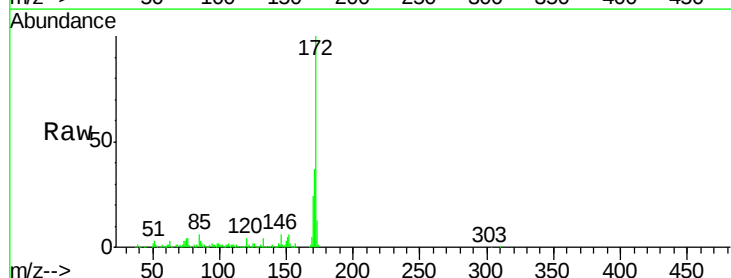
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.908 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045563.D
 Acq: 1 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	781091		
171	37.3		29.5	44.3
170	23.6		18.5	27.7

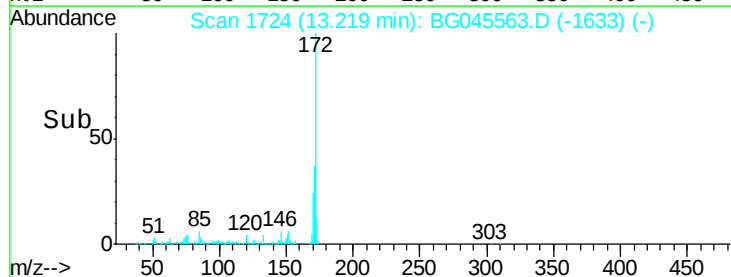
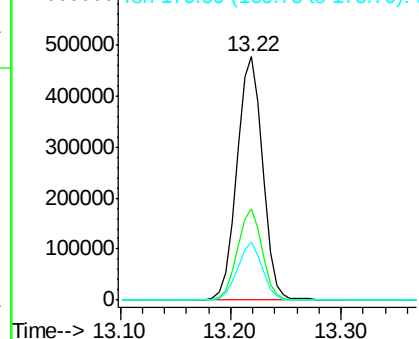


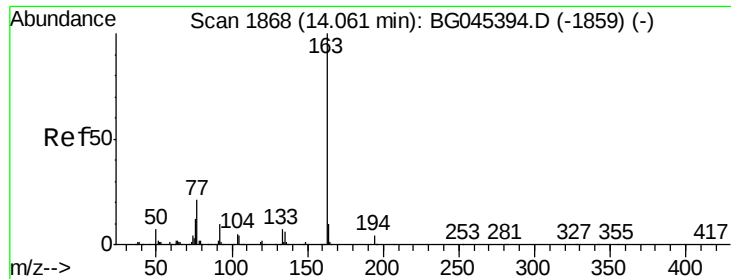
Abundance

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





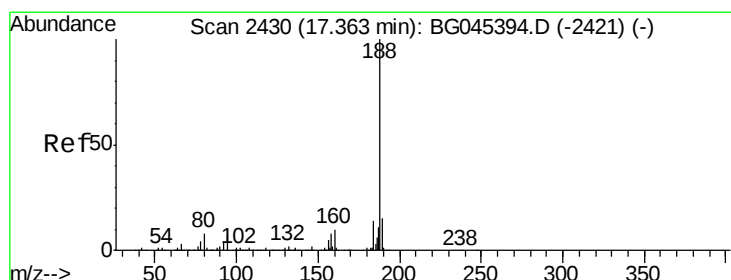
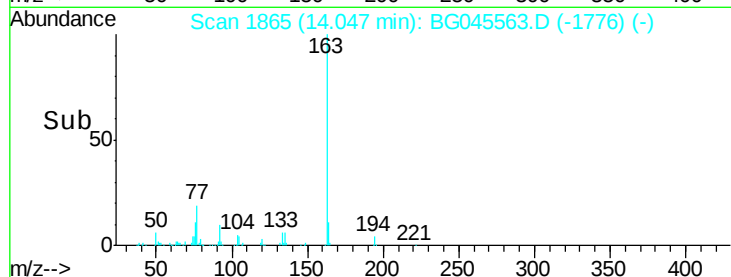
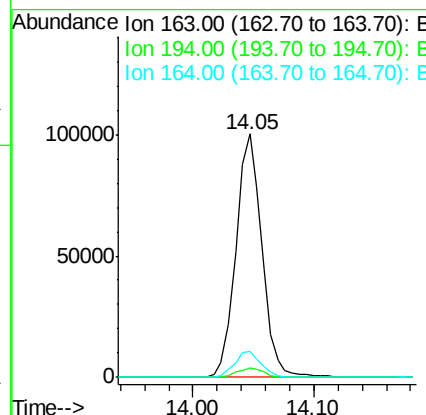
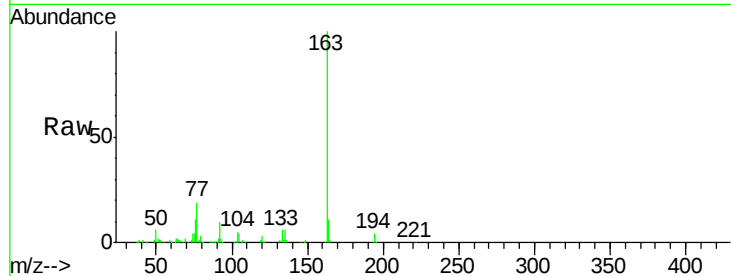
#50
Dimethylphthalate
Concen: 9.900 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
NM106-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	150191		
194	3.7		3.2	4.8
164	10.6		8.3	12.5

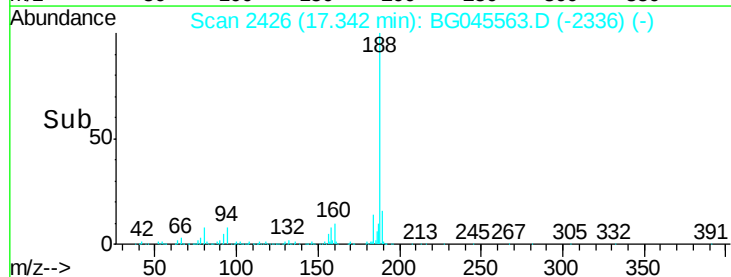
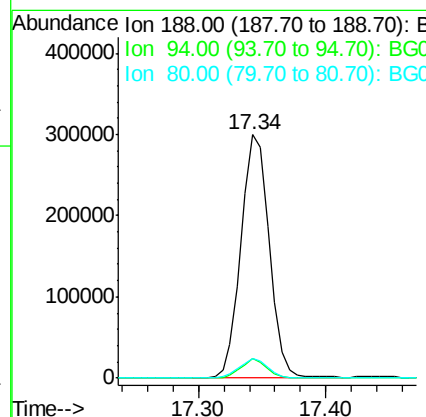
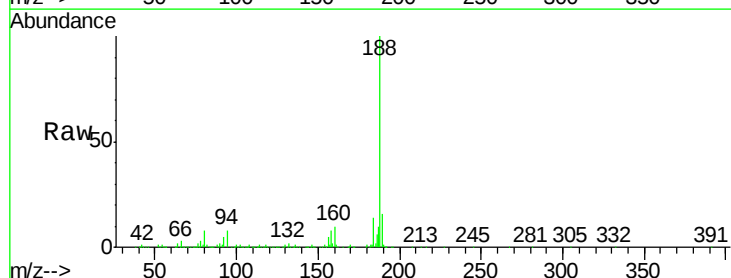
Manual Integrations
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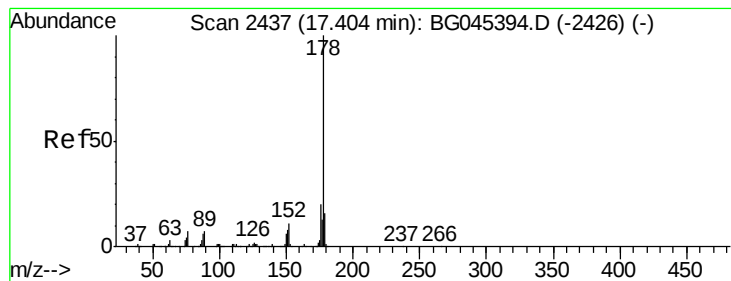
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	463132		
94	7.9		5.5	8.3
80	7.9		6.6	10.0





#71

Phenanthrene

Concen: 6.062 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Instrument :

BNA_G

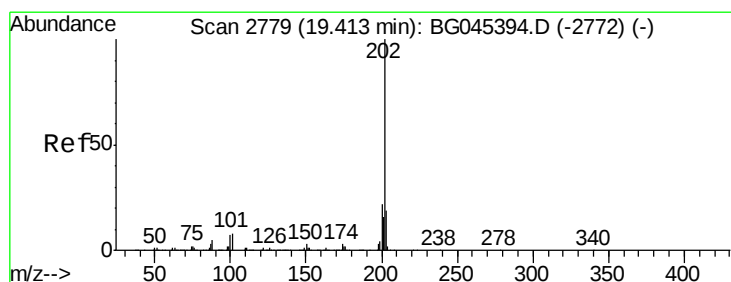
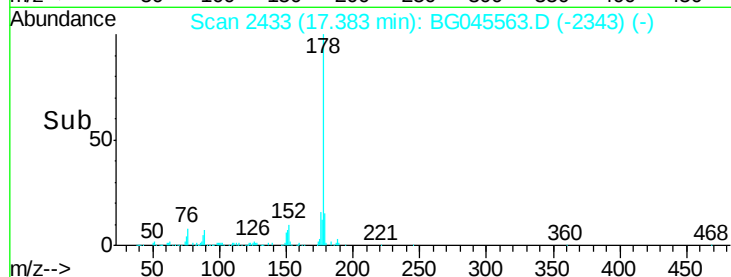
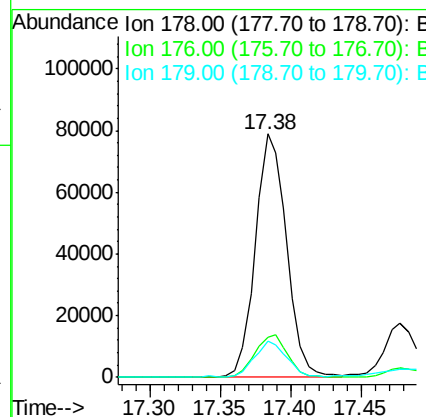
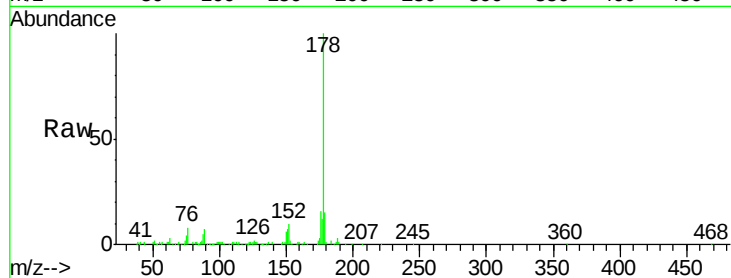
ClientSampleId :

NM106-COMP-2020-0-6

Tot Ion:	178	Resp:	122563
Ion Ratio	Lower	Upper	
178	100		
176	16.5	16.2	24.4
179	14.8	13.1	19.7

Manual Integrations
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#75

Fluoranthene

Concen: 11.598 ng

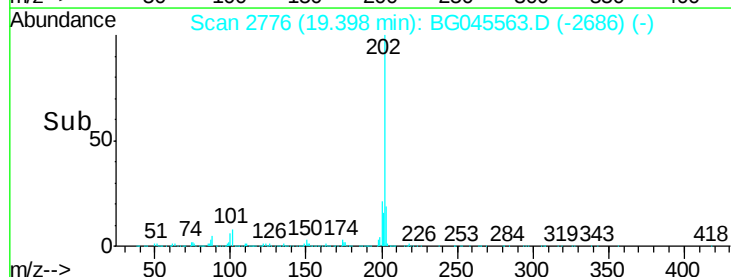
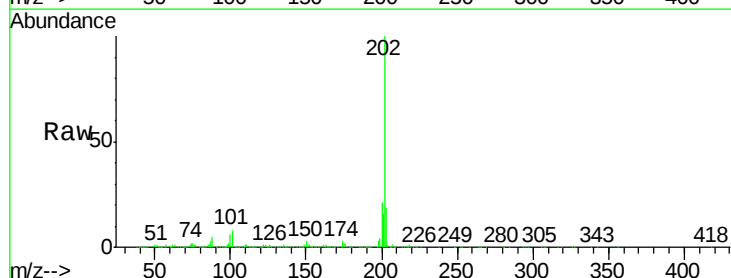
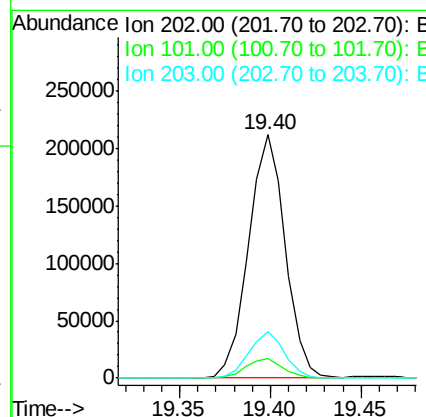
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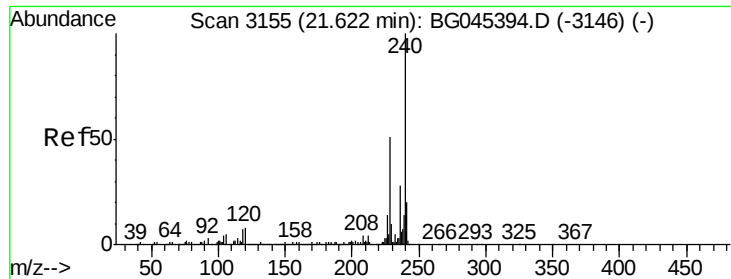
Delta R.T. -0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Tgt Ion:	202	Resp:	298252
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.3
203	19.0	0.0	39.0





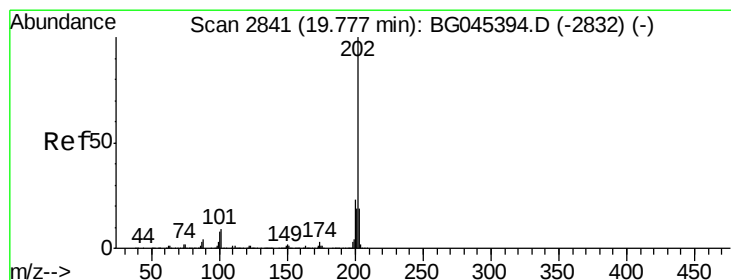
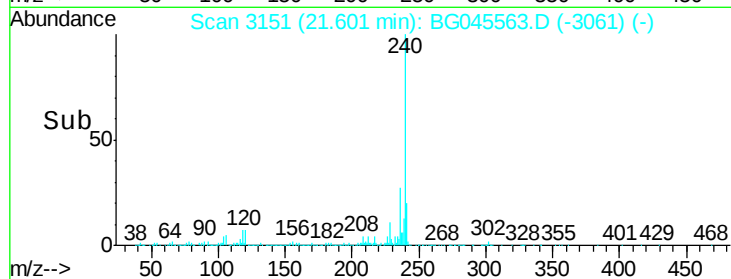
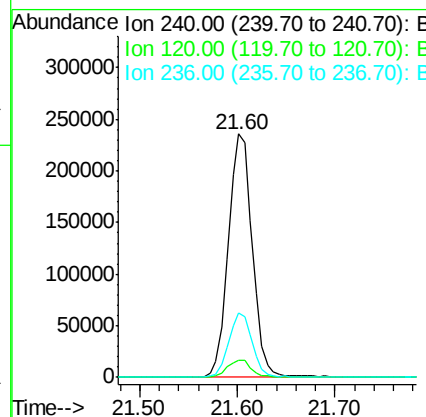
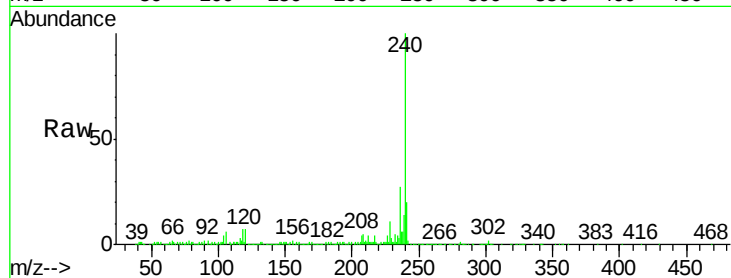
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
NM106-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.1	9.1
236	26.7	22.3	33.5

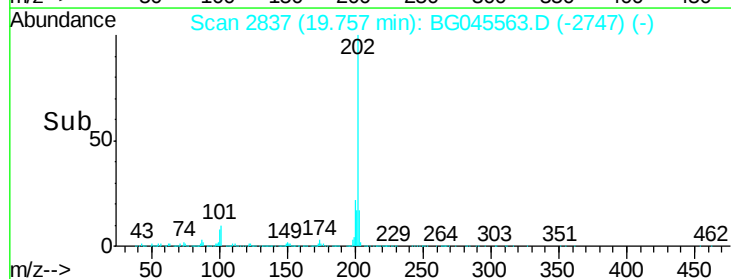
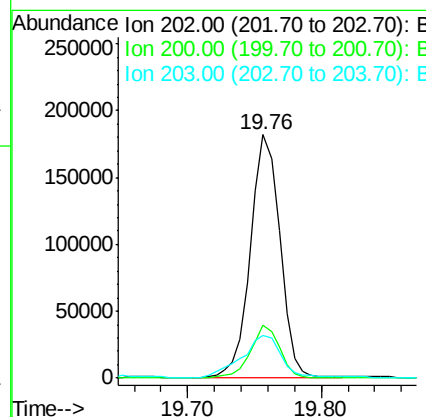
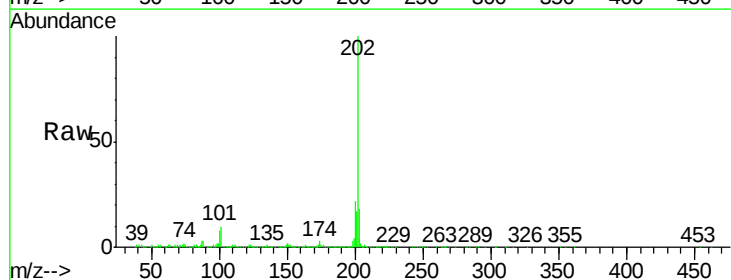
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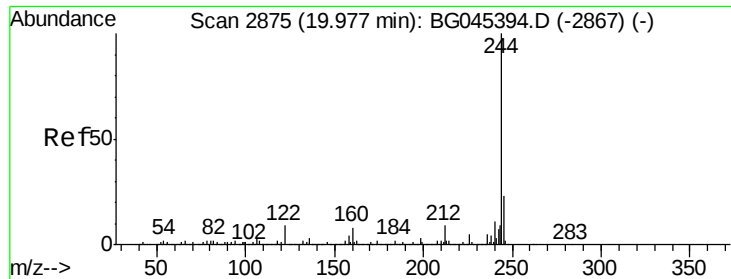
mohammad
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#78
Pyrene
Concen: 12.166 ng
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.2	27.2
203	17.7	15.1	22.7





#79

Terphenyl-d14

Concen: 63.032 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

NM106-COMP-2020-0-6

Tot Ion:244 Resp: 1084011

Ion Ratio Lower Upper

244 100

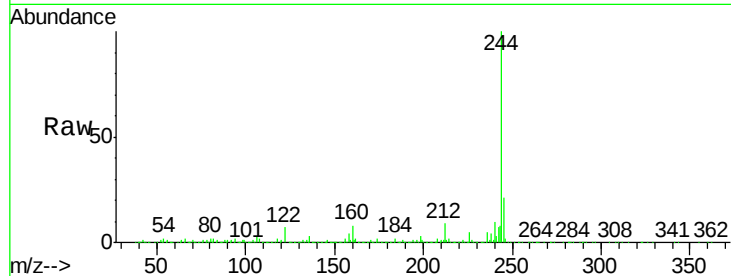
212 8.7 7.4 11.0

122 7.1 6.8 10.2

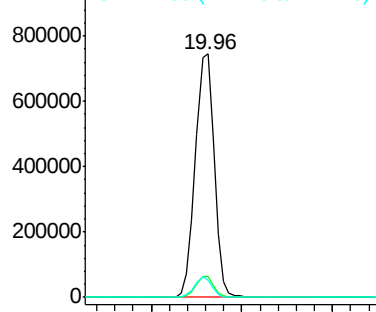
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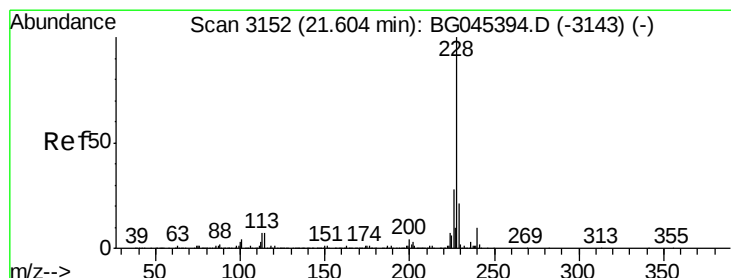
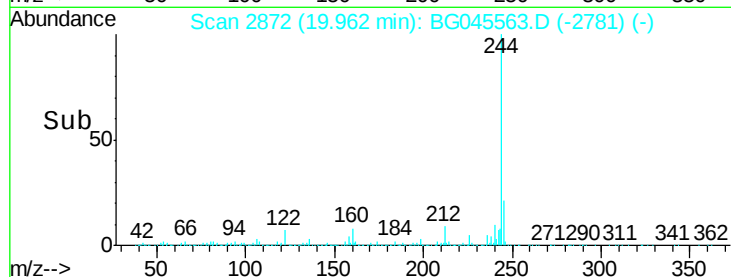
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 7.052 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

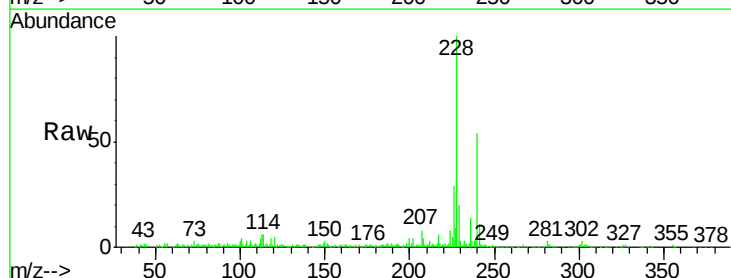
Tgt Ion:228 Resp: 157579

Ion Ratio Lower Upper

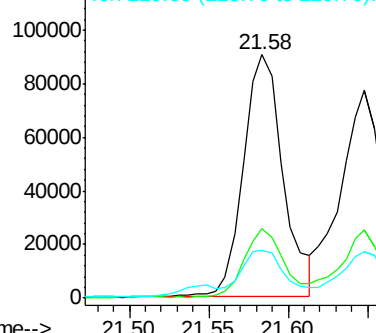
228 100

226 28.8 22.7 34.1

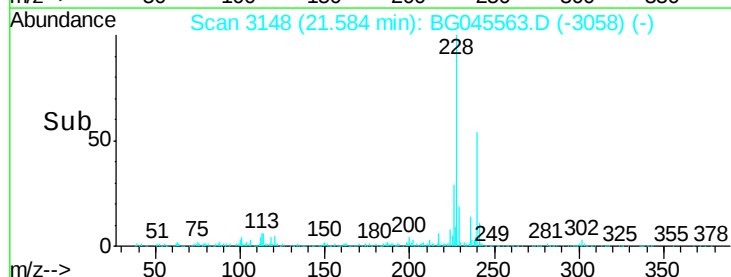
229 19.8 16.7 25.1

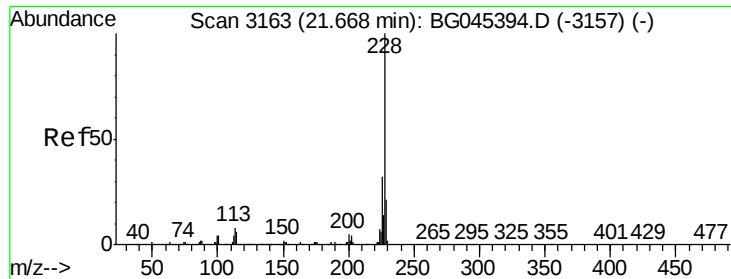


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Chrysene

Concen: 6.590 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Instrument :

BNA_G

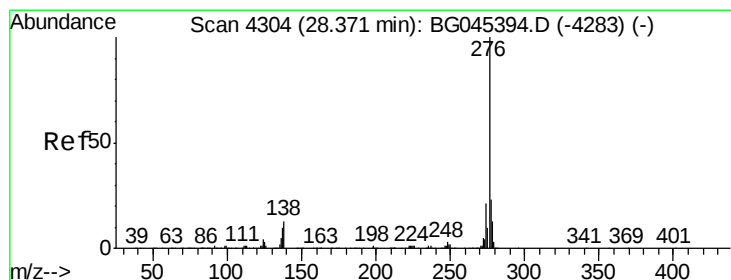
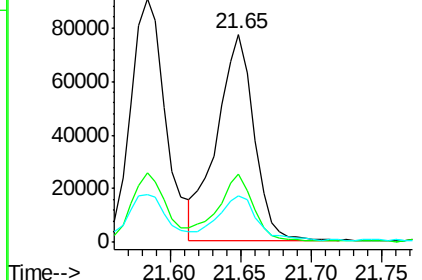
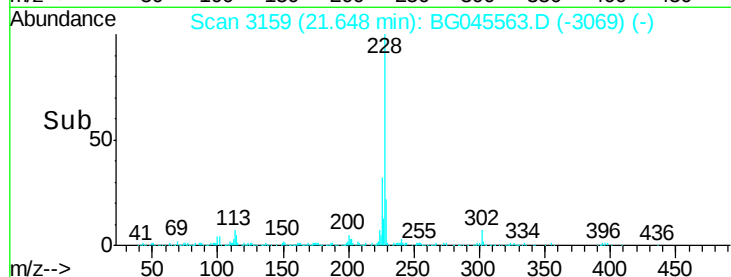
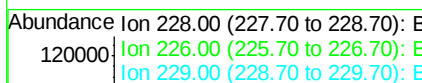
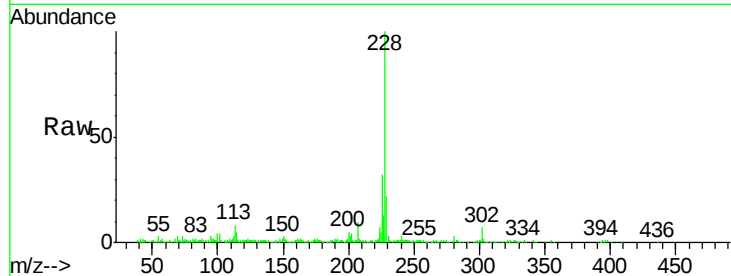
ClientSampleId :

NM106-COMP-2020-0-6

Tot Ion:	228	Resp:	141586
Ion Ratio		Lower	Upper
228	100		
226	32.5	25.2	37.8
229	22.4	16.7	25.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 3.919 ng

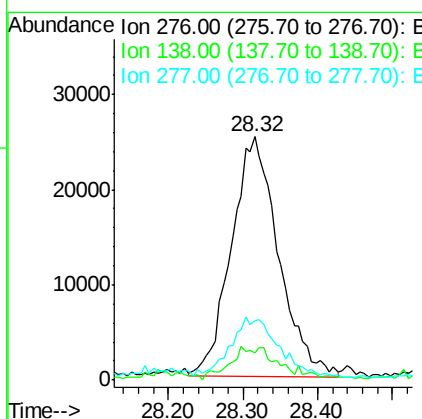
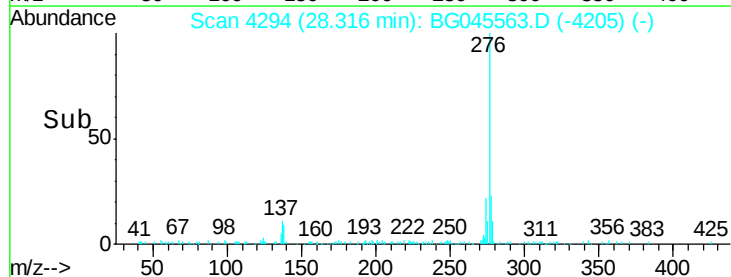
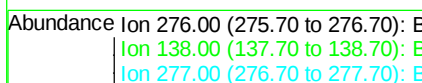
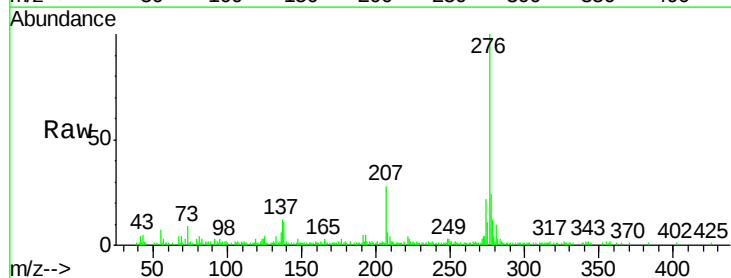
RT: 28.32 min Scan# 4294

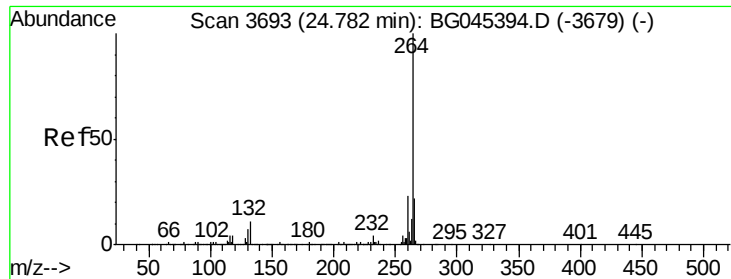
Delta R.T. -0.01 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Tgt Ion:	276	Resp:	110097
Ion Ratio		Lower	Upper
276	100		
138	7.4	8.6	12.8#
277	25.1	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Instrument :

BNA_G

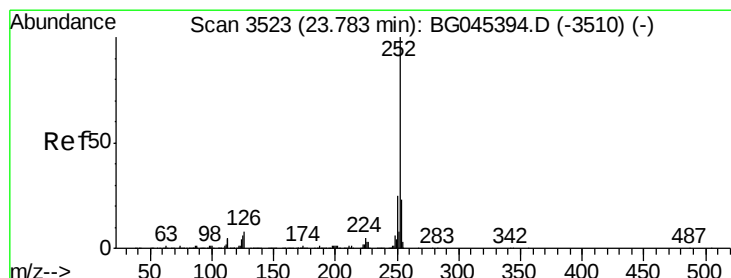
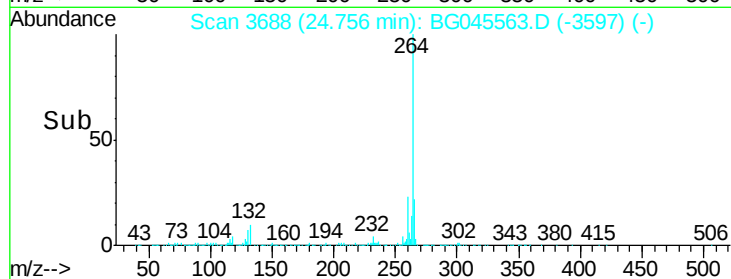
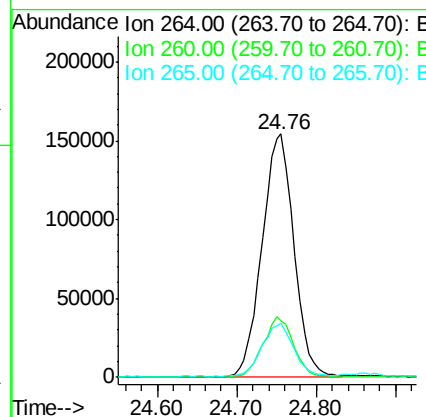
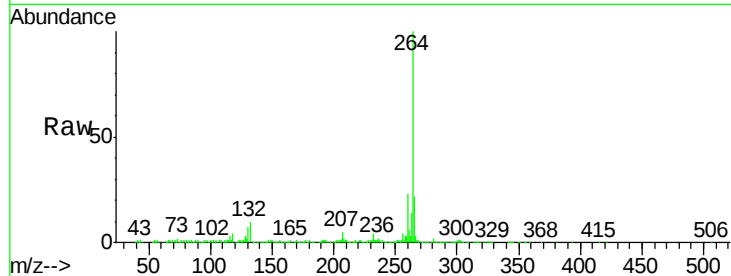
ClientSampleId :

NM106-COMP-2020-0-6

Tot Ion:	264	Resp:	430614
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.4
265	22.3	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 9.659 ng

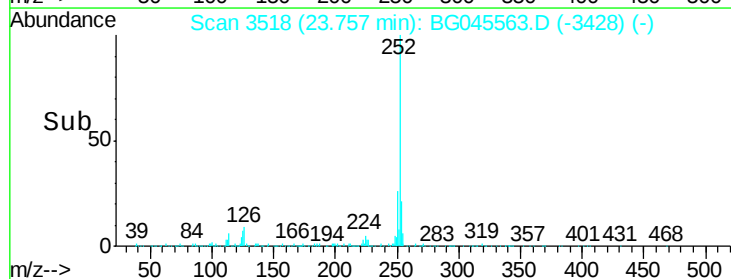
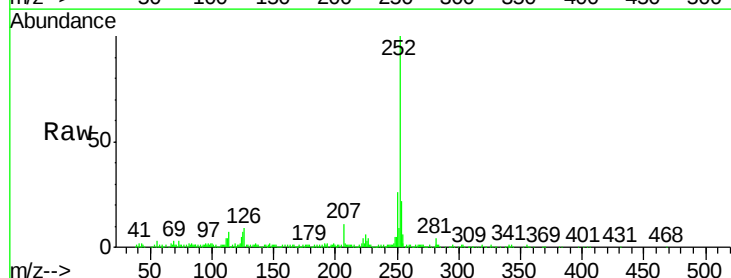
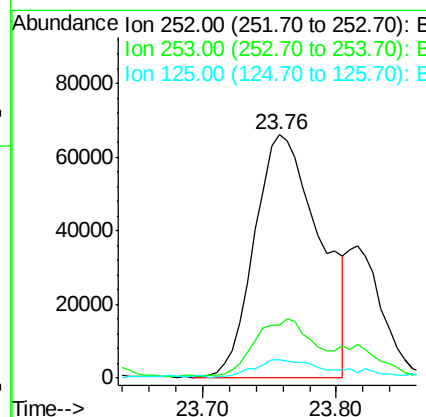
RT: 23.76 min Scan# 3518

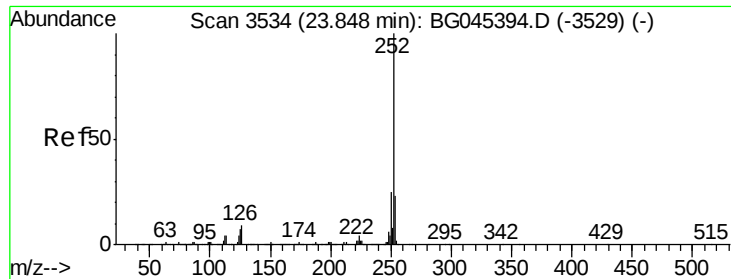
Delta R.T. -0.00 min

Lab File: BG045563.D

Acq: 1 Jun 2020 19:56

Tgt Ion:	252	Resp:	223061
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	7.3	5.0	7.6





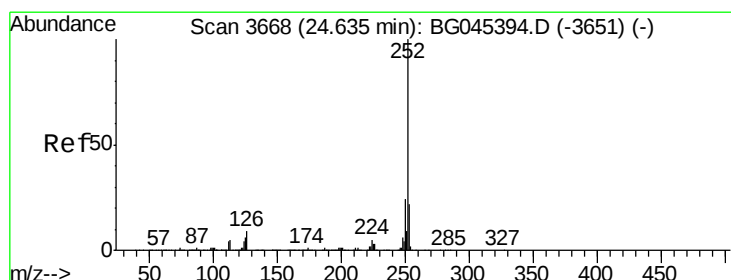
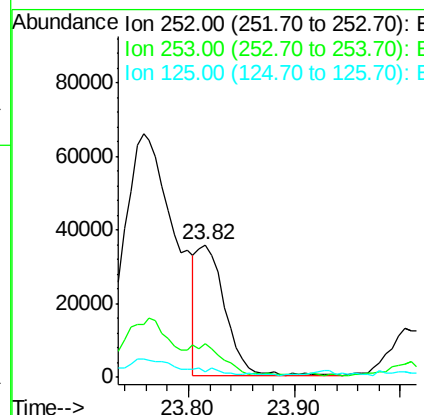
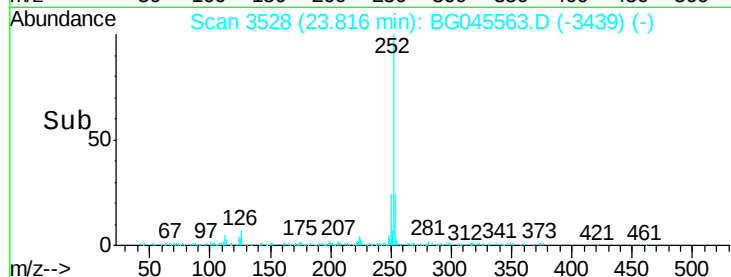
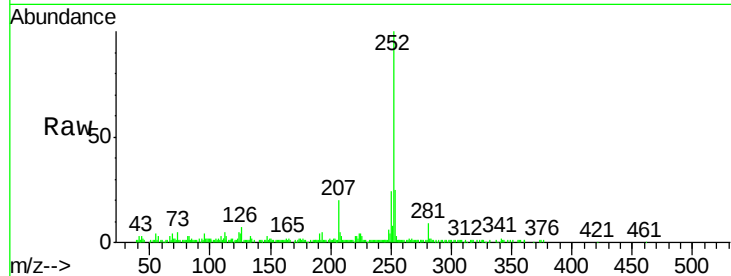
#89
Benzo(k)fluoranthene
Concen: 3.024 ng/mL
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
NM106-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	4.3	5.7	8.5

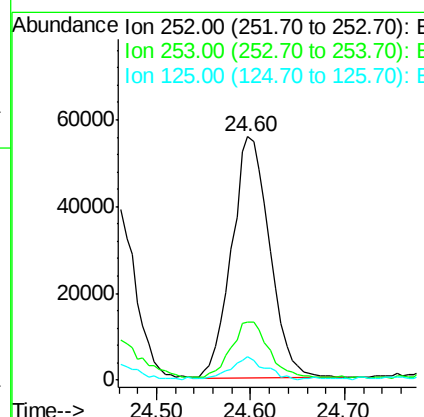
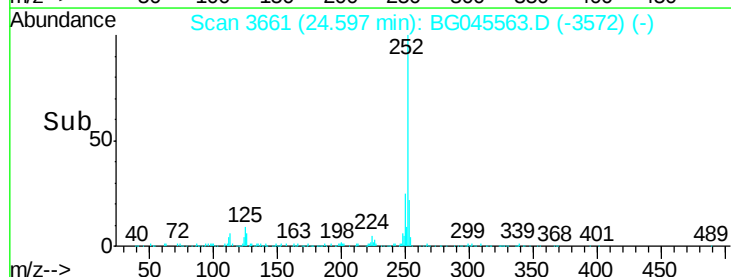
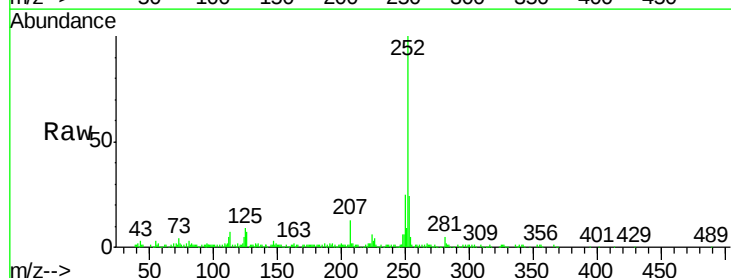
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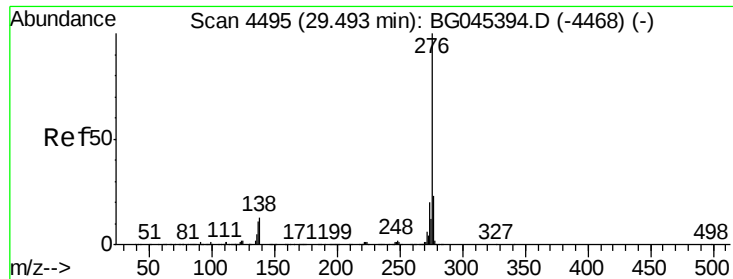
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#90
Benzo(a)pyrene
Concen: 7.258 ng/mL
RT: 24.60 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045563.D
Acq: 1 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	9.4	5.0	7.6





#92
 Benzo(a,h,i)perylene
 Concen: 4.772 ng
 RT: 29.43 min Scan# 4483
 Delta R.T. -0.01 min
 Lab File: BG045563.D
 Acq: 1 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 NM106-COMP-2020-0-6

Tot Ion:	276	Resp:	103159
Ion Ratio		Lower	Upper
276	100		
277	27.1	18.1	27.1
138	13.9	10.2	15.4

Manual Integrations
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