

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045562.D
 Acq On : 1 Jun 2020 19:16
 Operator : CG/JU
 Sample : L2773-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM48-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 01:26:59 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	82016	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	341985	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	232879	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	493043	20.00	ng	0.00
76) Chrysene-d12	21.60	240	441424	20.00	ng	0.00
87) Perylene-d12	24.75	264	468185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	344138	82.00	ng	0.00
7) Phenol-d6	7.15	99	523094	87.57	ng	0.00
23) Nitrobenzene-d5	9.11	82	370355	59.06	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	244056	81.95	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	844357	61.50	ng	0.00
79) Terphenyl-d14	19.96	244	1176435	62.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	158141	9.899	ng	97
71) Phenanthrene	17.39	178	123250	5.726	ng	96
75) Fluoranthene	19.40	202	314714	11.495	ng	98
78) Pyrene	19.76	202	299999	11.922	ng	98
81) Benzo(a)anthracene	21.58	228	181492	7.381	ng	99
83) Chrysene	21.65	228	171417	7.250	ng	96
86) Indeno(1,2,3-cd)pyrene	28.31	276	145620	4.710	ng	# 77
88) Benzo(b)fluoranthene	23.75	252	282312	11.243	ng	100
89) Benzo(k)fluoranthene	23.81	252	84059m	3.563	ng	
90) Benzo(a)pyrene	24.59	252	195470	8.359	ng	97
92) Benzo(g,h,i)perylene	29.43	276	149449	6.359	ng	98

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

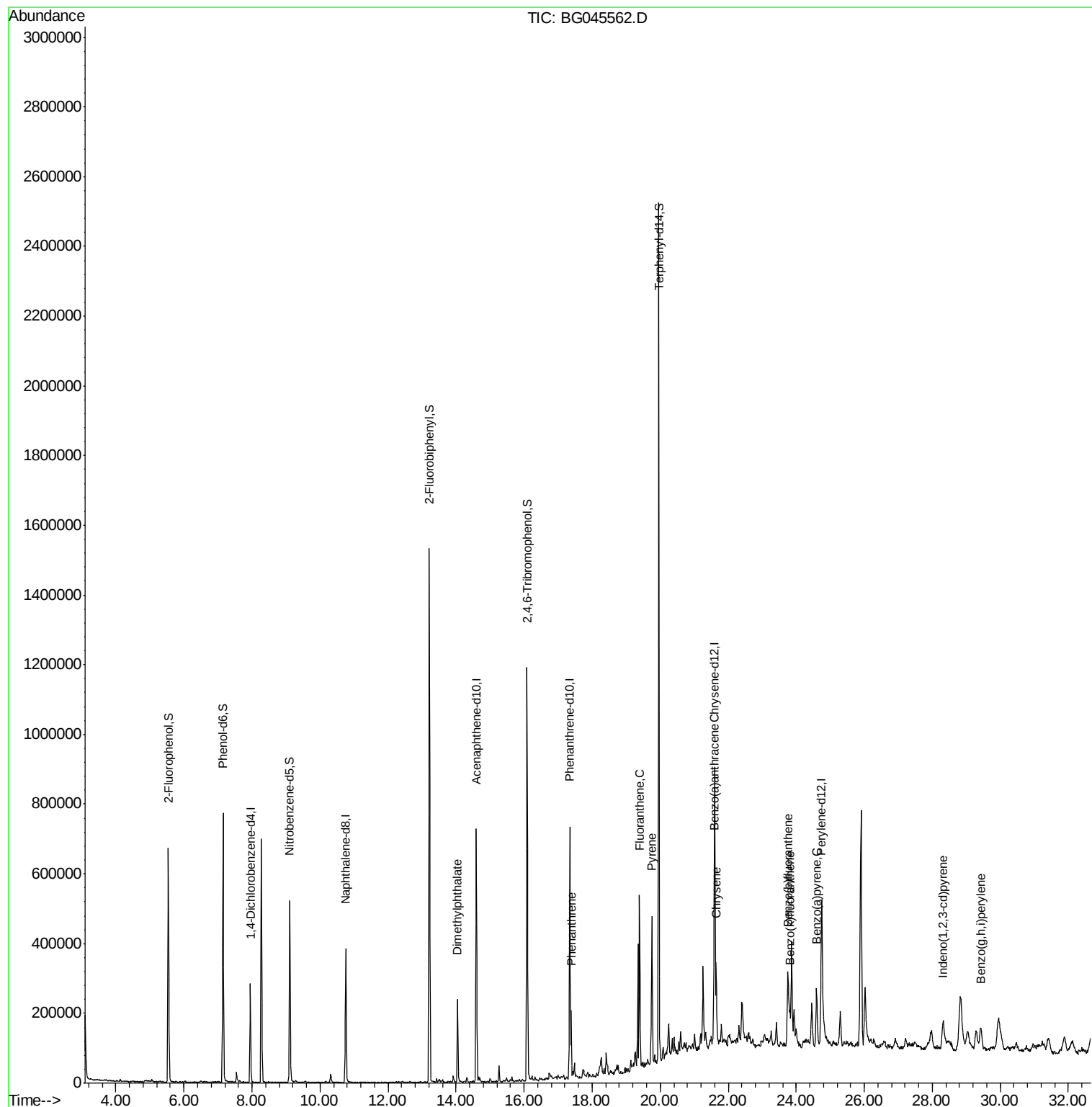
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045562.D
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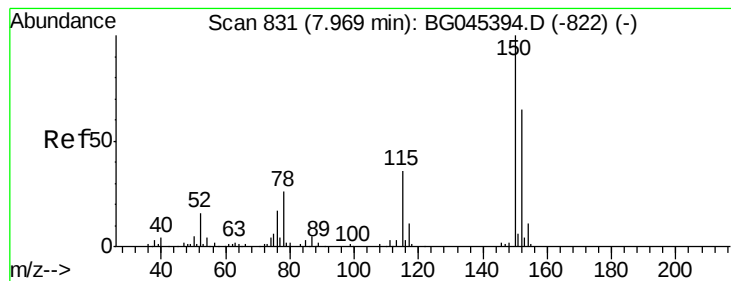
Instrument :
BNA_G
ClientSampleId :
NM48-COMP-2020-0-6

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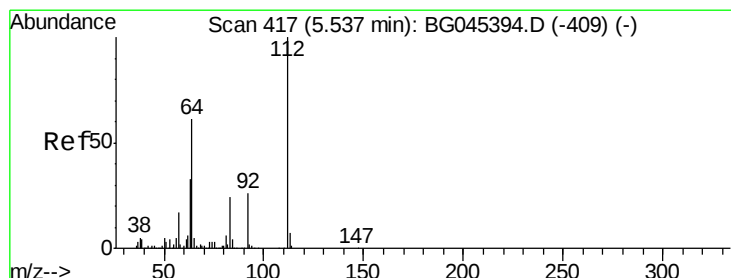
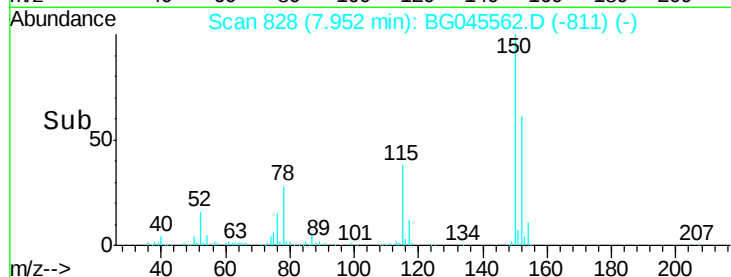
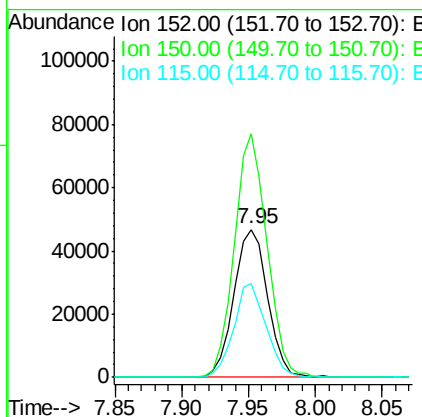
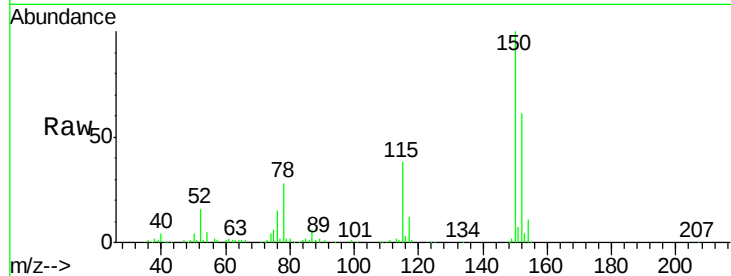
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045562.D
 Acq: 1 Jun 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :
 NM48-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	122.4	183.6
115	63.4	44.2	66.4

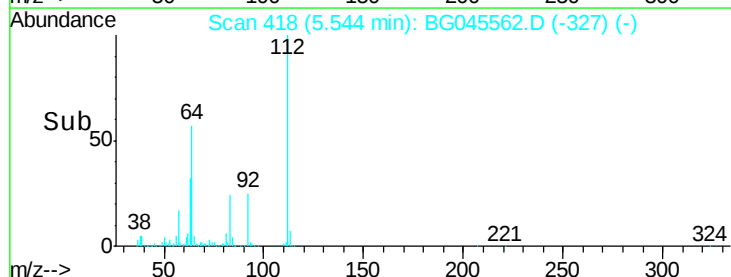
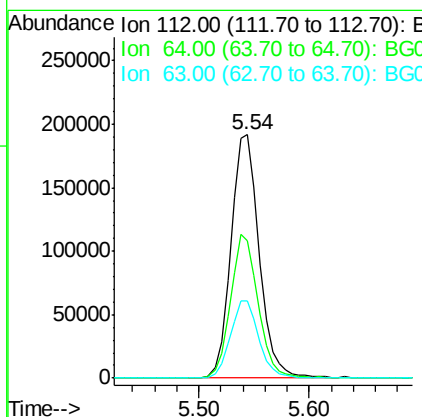
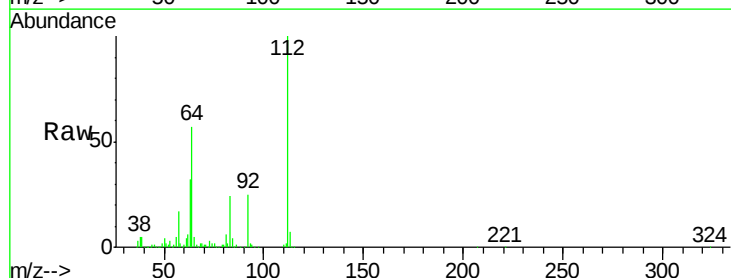
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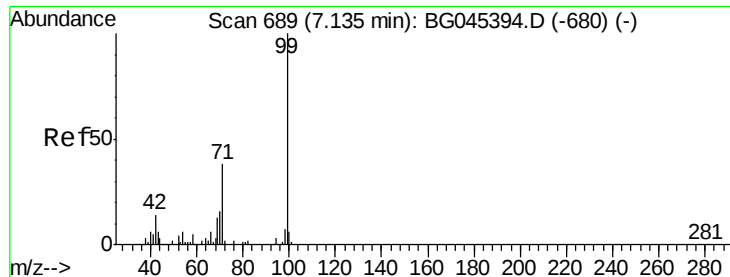
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#5
 2-Fluorophenol
 Concen: 82.002 ng
 RT: 5.54 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: BG045562.D
 Acq: 1 Jun 2020 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	48.6	72.8
63	31.7	26.5	39.7





#7

Phenol-d6

Concen: 87.574 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Instrument :

BNA_G

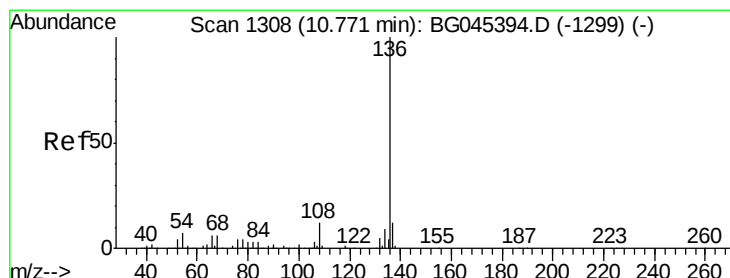
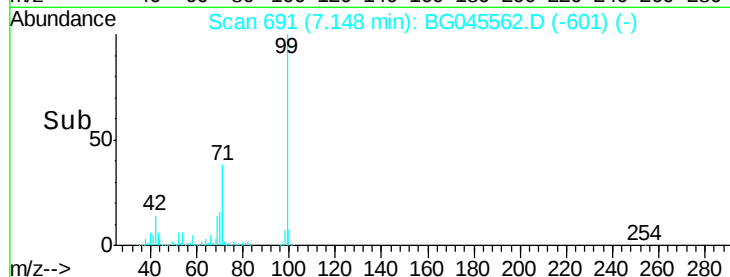
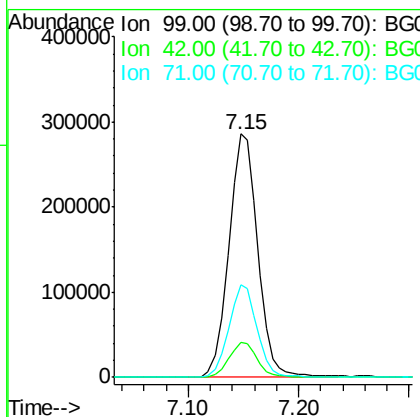
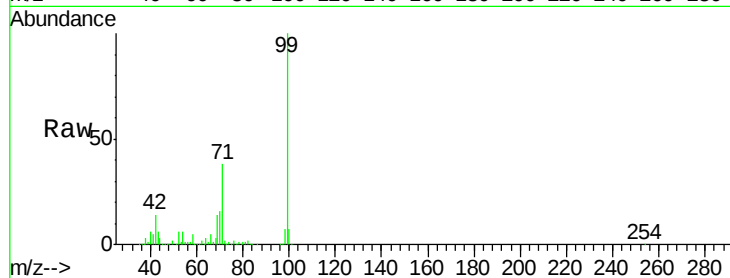
ClientSampleId :

NM48-COMP-2020-0-6

Tot Ion:	99	Resp:	523094
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.3	16.9
71	38.0	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

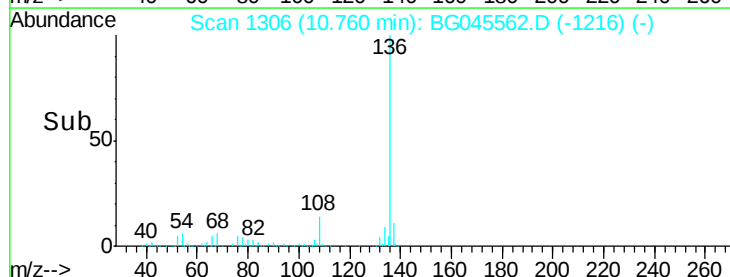
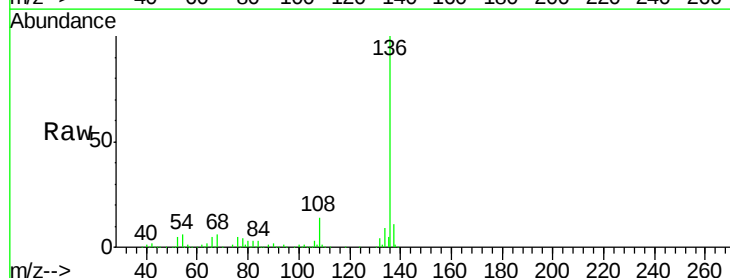
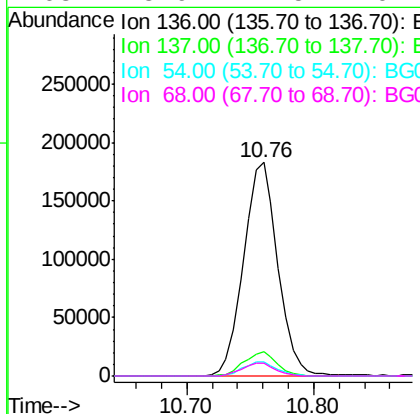
RT: 10.76 min Scan# 1306

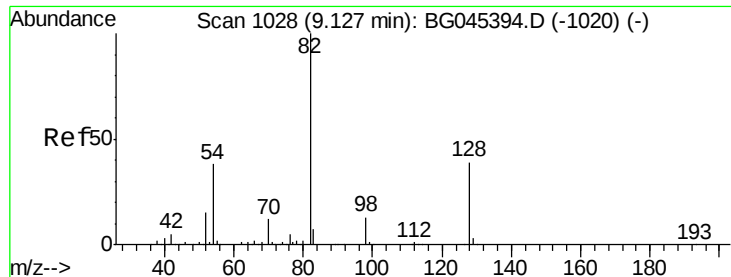
Delta R.T. 0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Tgt Ion:	136	Resp:	341985
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.4	14.2
54	6.4	5.8	8.6
68	5.9	4.5	6.7





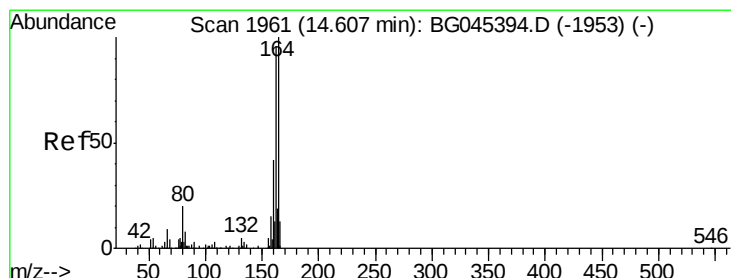
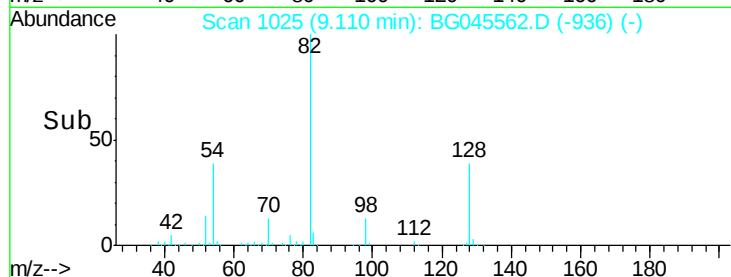
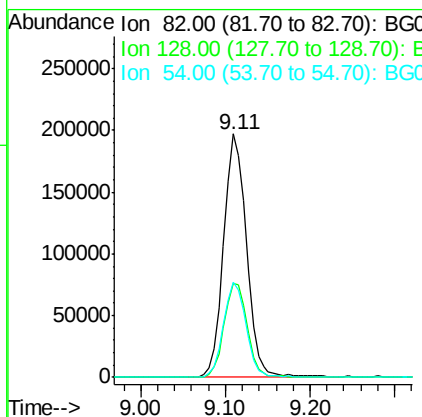
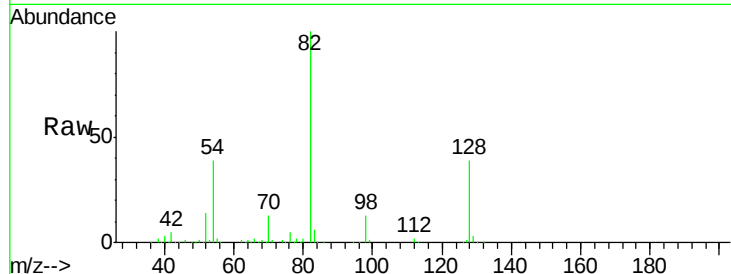
#23
 Nitrobenzene-d5
 Concen: 59.055 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045562.D
 Acq: 1 Jun 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :
 NM48-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.7	30.9	46.3	
54	39.1	30.3	45.5	

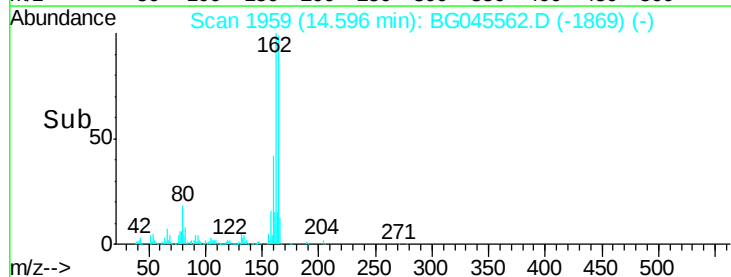
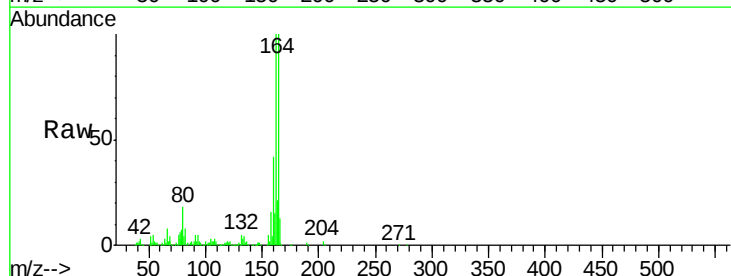
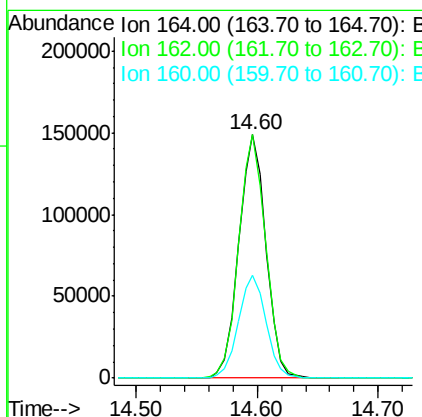
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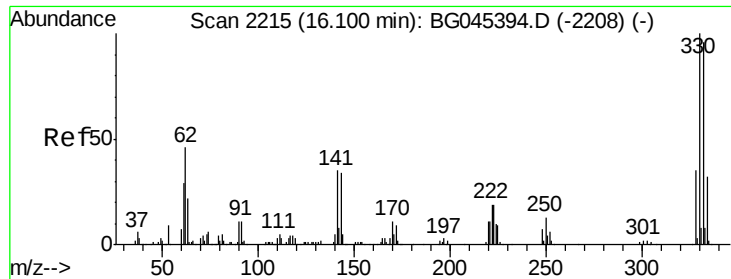
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045562.D
 Acq: 1 Jun 2020 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	76.9	115.3	
160	42.3	33.8	50.8	





#42

2,4,6-Tribromophenol

Concen: 81.946 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Instrument :

BNA_G

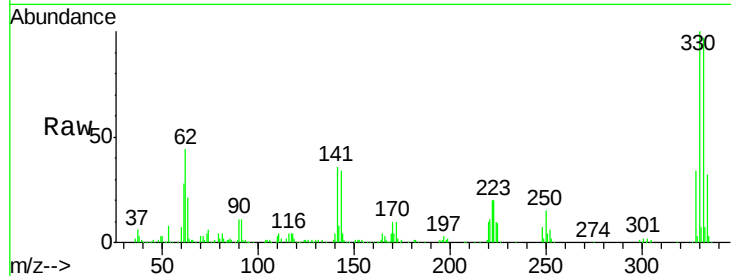
ClientSampleId :

NM48-COMP-2020-0-6

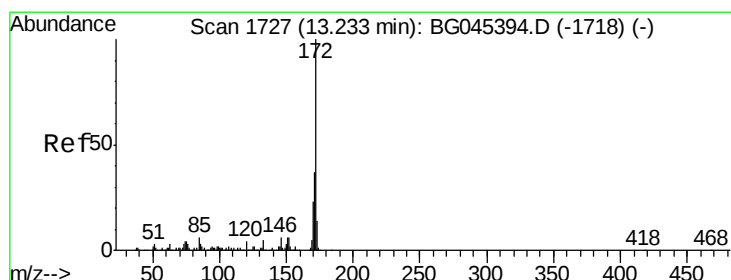
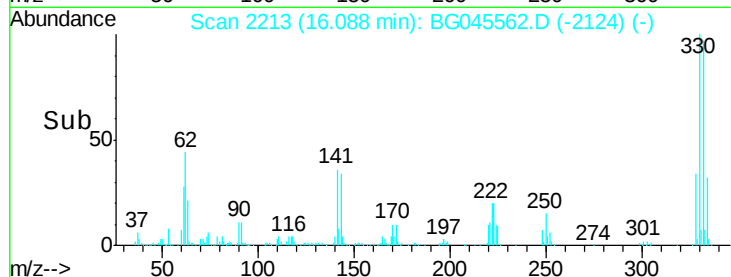
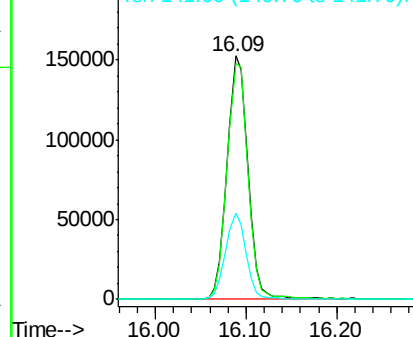
Tot Ion:	330	Resp:	244056
Ion Ratio	Lower	Upper	
330	100		
332	97.6	78.2	117.4
141	35.0	28.2	42.4

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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: 61.500 ng

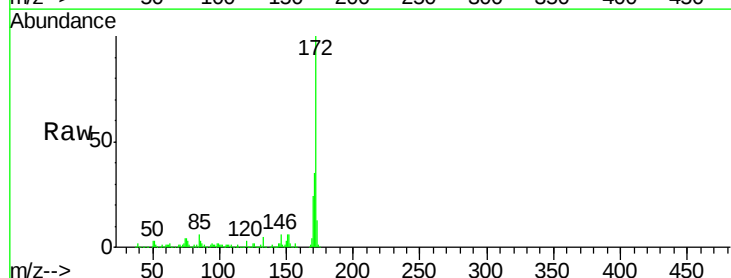
RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

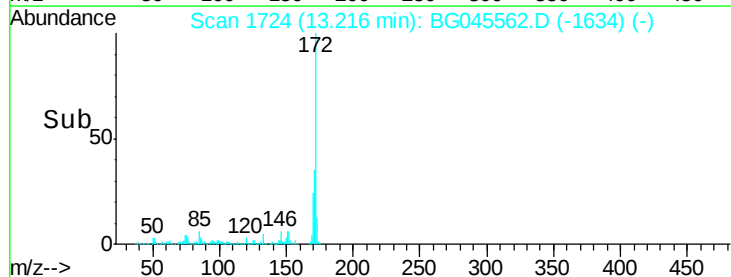
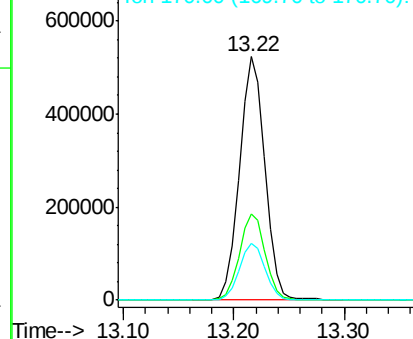
Lab File: BG045562.D

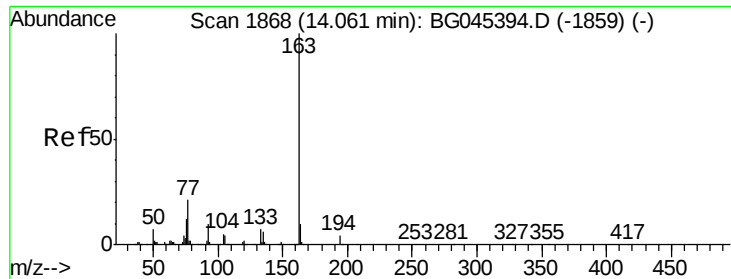
Acq: 1 Jun 2020 19:16

Tgt Ion:	172	Resp:	844357
Ion Ratio	Lower	Upper	
172	100		
171	35.3	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: 9.899 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Instrument :

BNA_G

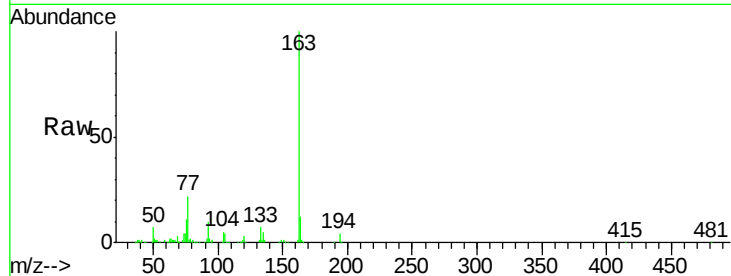
ClientSampleId :

NM48-COMP-2020-0-6

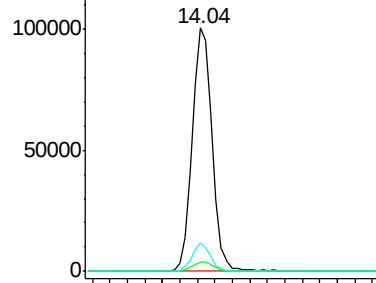
Tot Ion:	163	Resp:	158141
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	11.8	8.3	12.5

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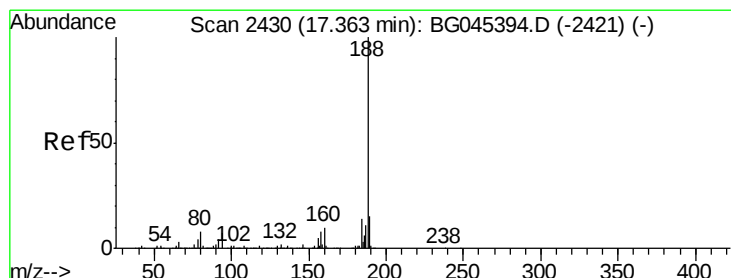
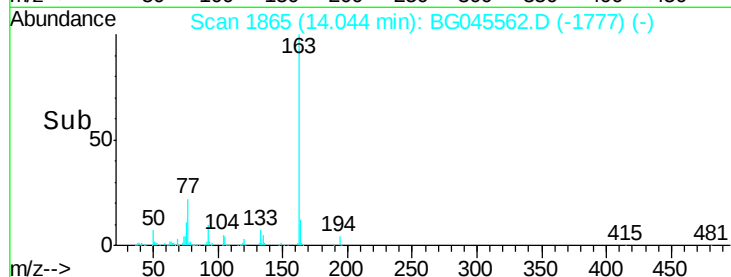
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

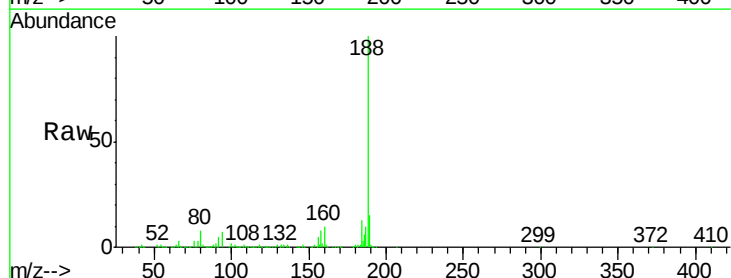
RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

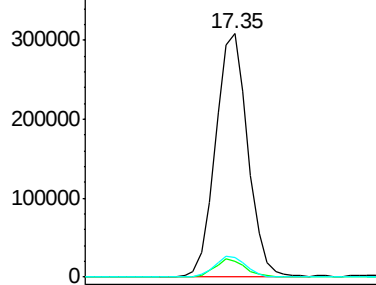
Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

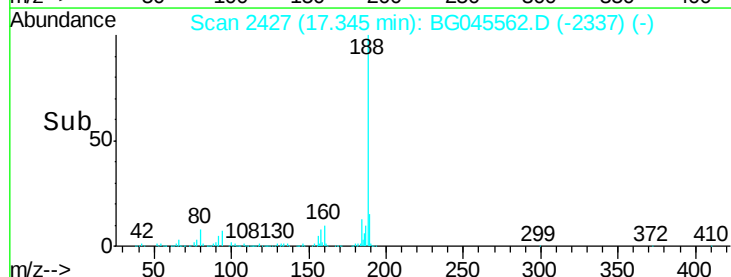
Tgt Ion:	188	Resp:	493043
Ion Ratio	Lower	Upper	
188	100		
94	6.6	5.5	8.3
80	7.8	6.6	10.0

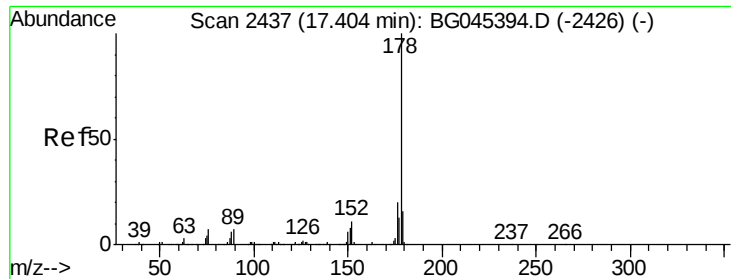


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time-->





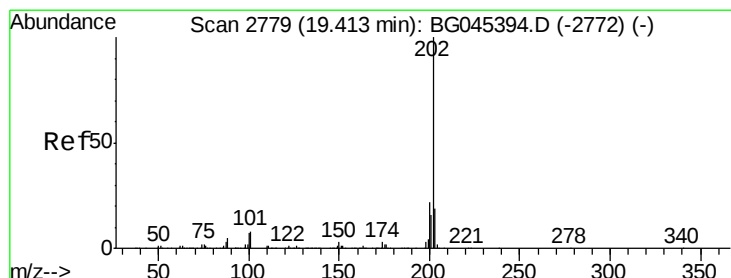
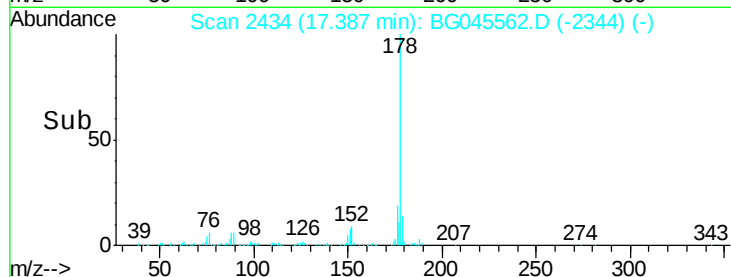
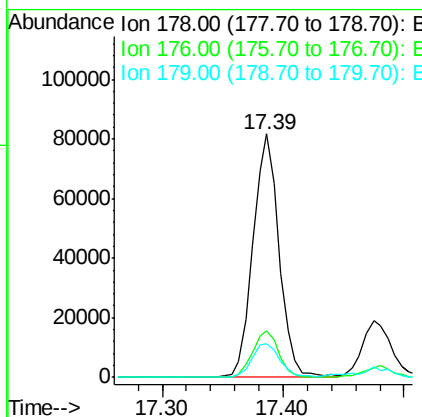
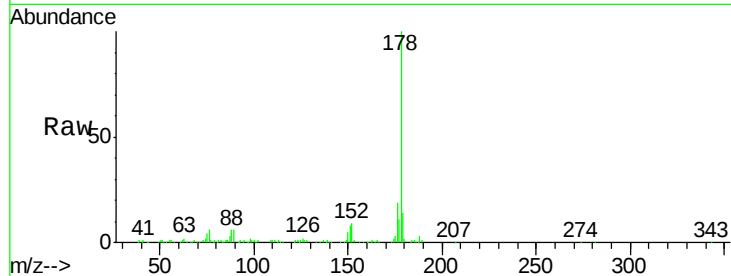
#71
Phenanthrene
Concen: 5.726 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045562.D
Acq: 1 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :
NM48-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	14.0	13.1	19.7

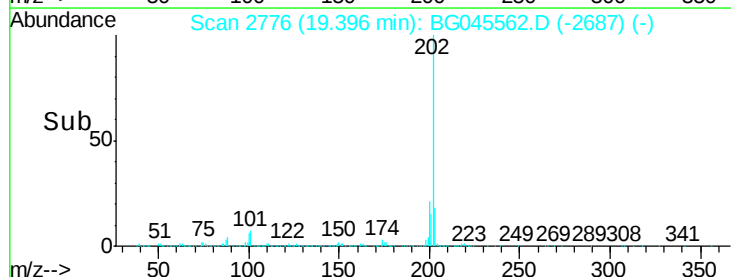
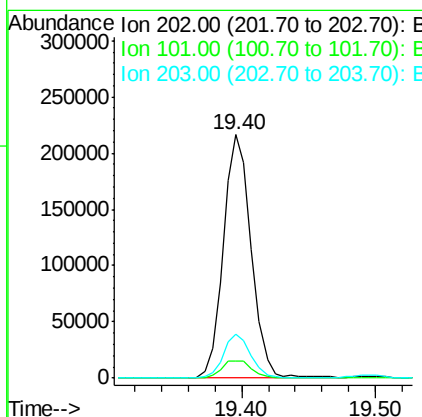
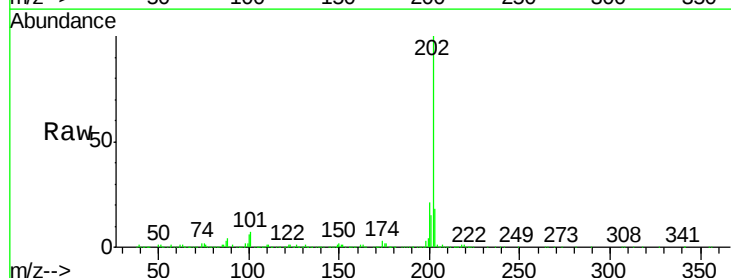
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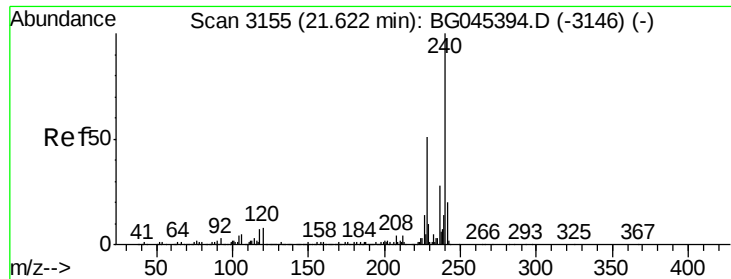
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#75
Fluoranthene
Concen: 11.495 ng
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG045562.D
Acq: 1 Jun 2020 19:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.3
203	18.2	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: BG045562.D

Acq: 1 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

NM48-COMP-2020-0-6

Tot Ion:240 Resp: 441424

Ion Ratio Lower Upper

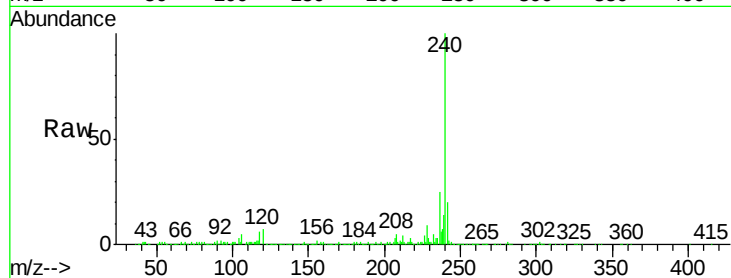
240 100

120 6.7 6.1 9.1

236 25.3 22.3 33.5

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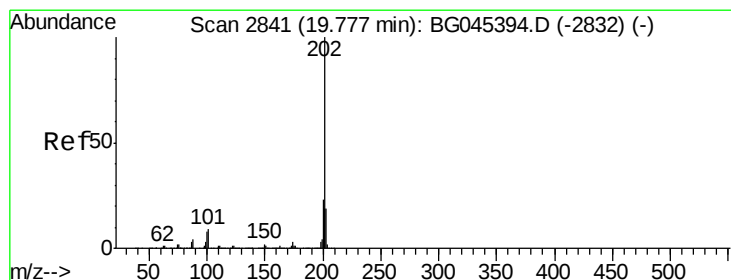
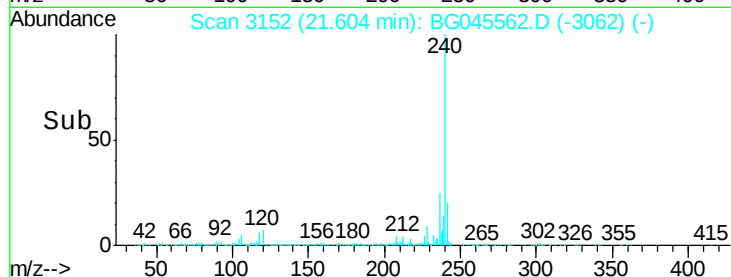
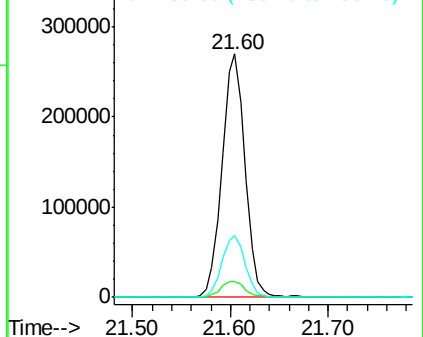
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 11.922 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

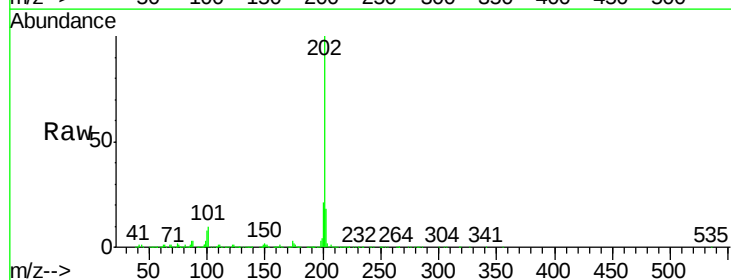
Tgt Ion:202 Resp: 299999

Ion Ratio Lower Upper

202 100

200 21.0 18.2 27.2

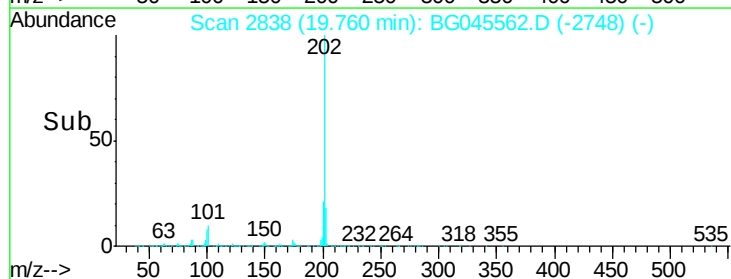
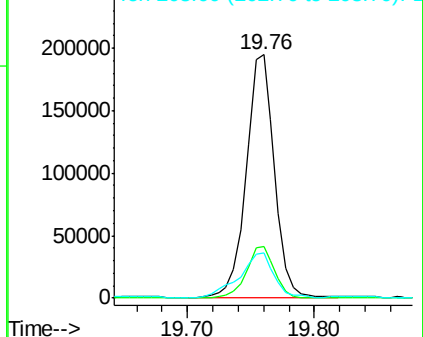
203 18.4 15.1 22.7

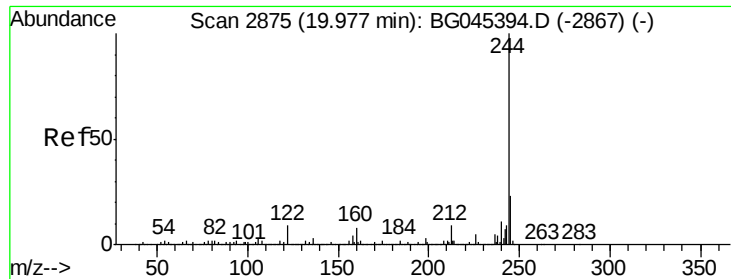


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.158 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

NM48-COMP-2020-0-6

Tot Ion:244 Resp: 1176435

Ion Ratio Lower Upper

244 100

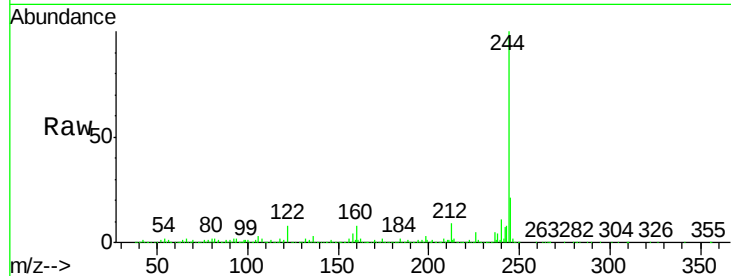
212 8.6 7.4 11.0

122 7.5 6.8 10.2

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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

1200000

1000000

800000

600000

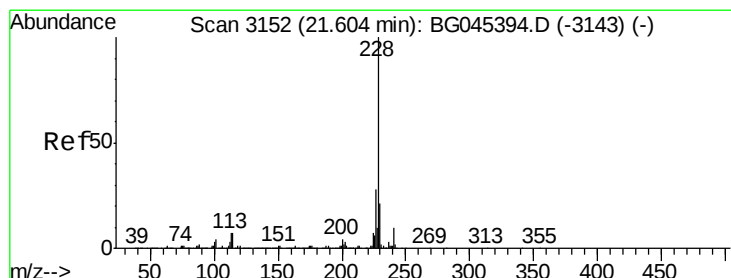
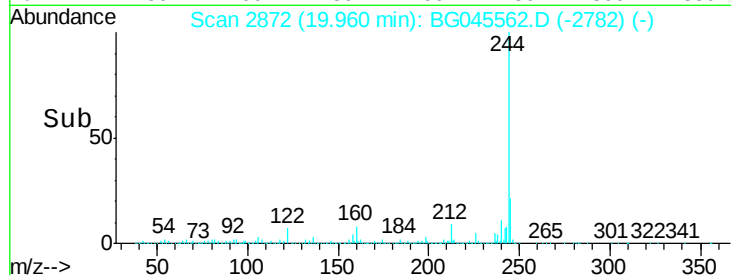
400000

200000

0

19.96

Time-->



#81

Benzo(a)anthracene

Concen: 7.381 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

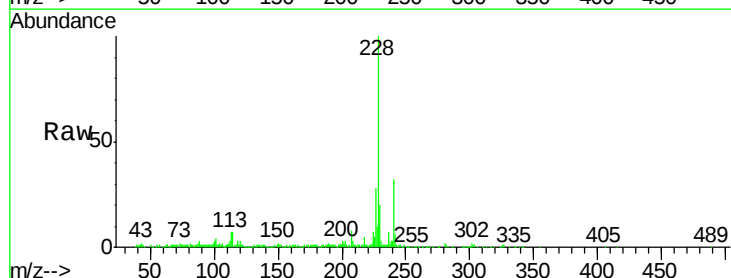
Tgt Ion:228 Resp: 181492

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

229 20.2 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

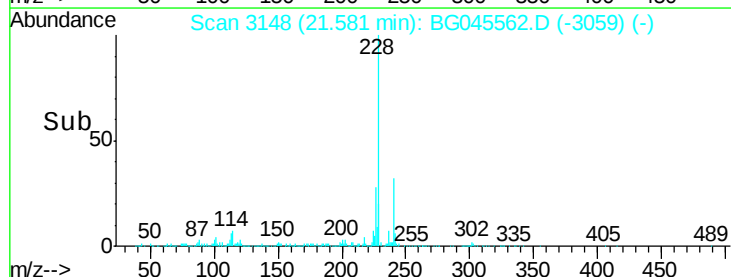
100000

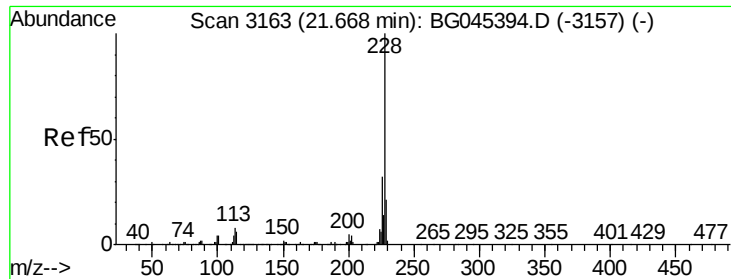
50000

0

21.58

Time-->





#83

Chrysene

Concen: 7.250 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Instrument :

BNA_G

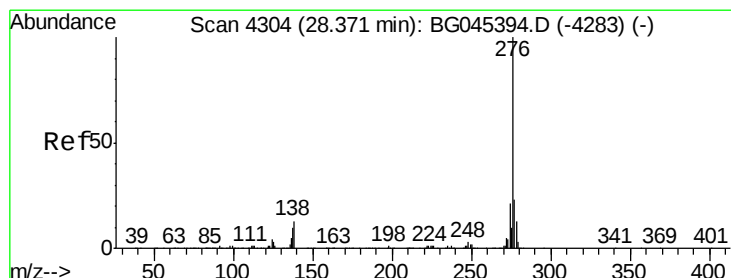
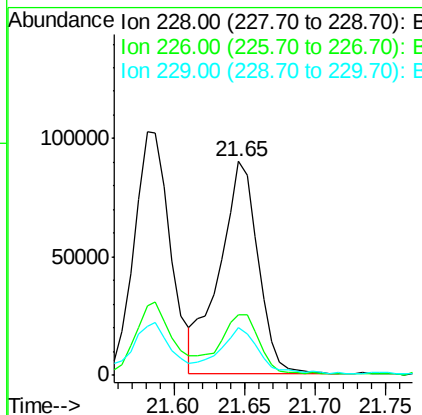
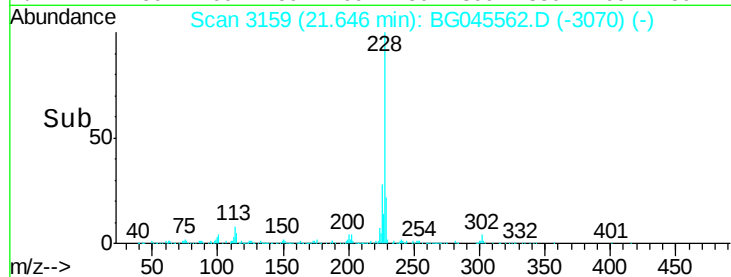
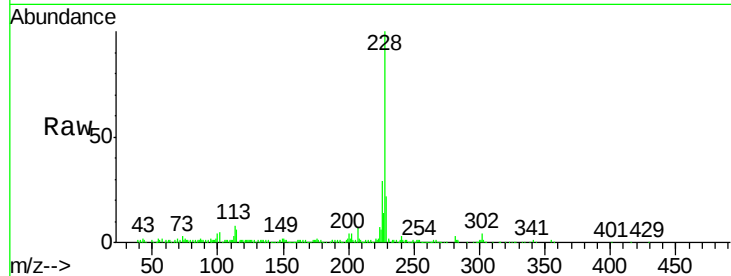
ClientSampleId :

NM48-COMP-2020-0-6

Tot Ion:	228	Resp:	171417
Ion Ratio	Lower	Upper	
228	100		
226	28.5	25.2	37.8
229	22.3	16.7	25.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.710 ng

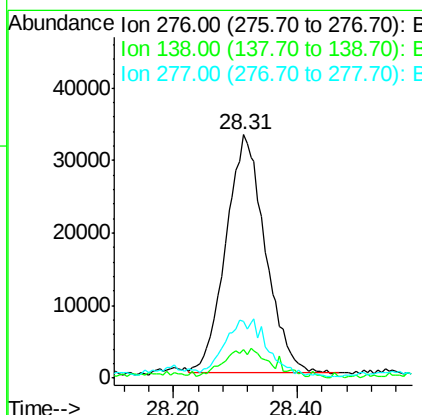
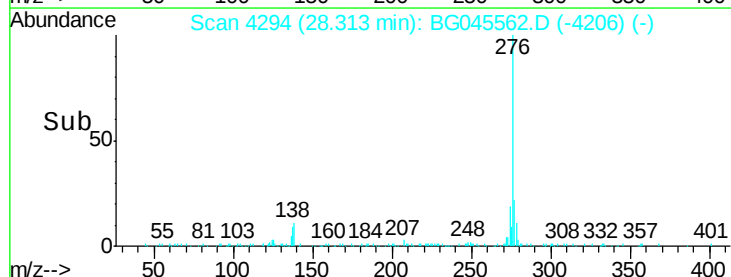
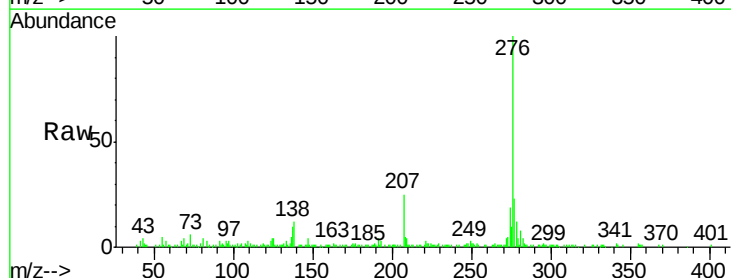
RT: 28.31 min Scan# 4294

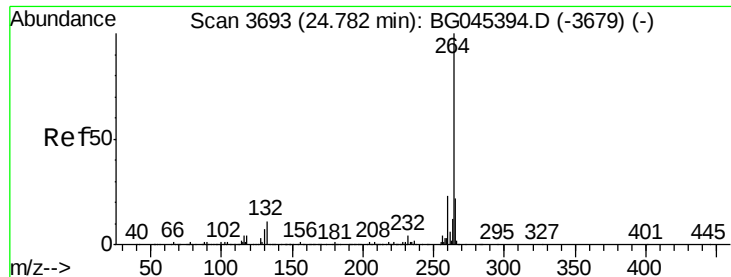
Delta R.T. -0.01 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Tgt Ion:	276	Resp:	145620
Ion Ratio	Lower	Upper	
276	100		
138	4.5	8.6	12.8#
277	12.2	20.2	30.4#





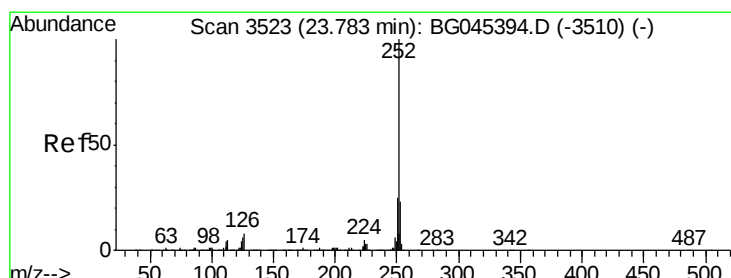
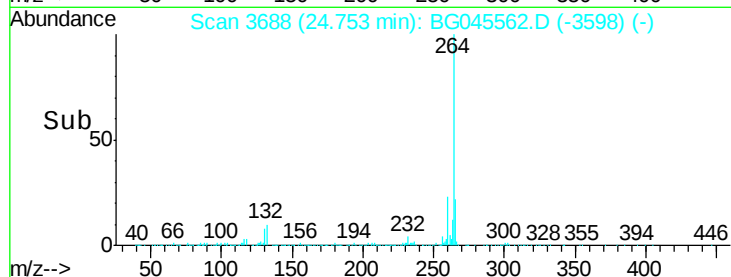
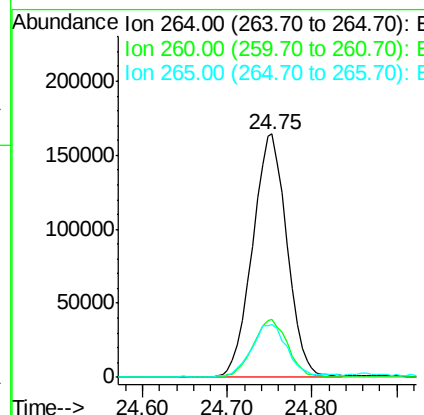
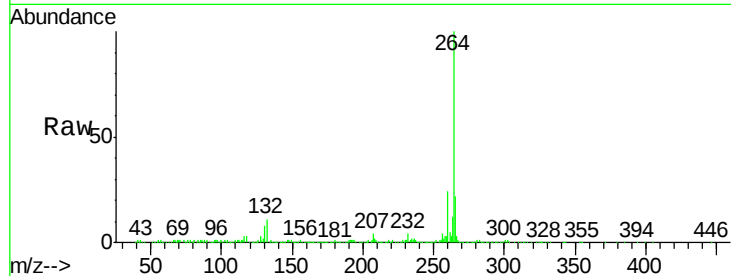
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045562.D
Acq: 1 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :
NM48-COMP-2020-0-6

Tot Ion:	264	Resp:	468185
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	21.9	17.6	26.4

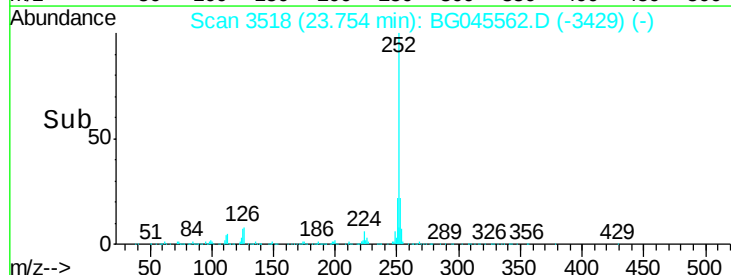
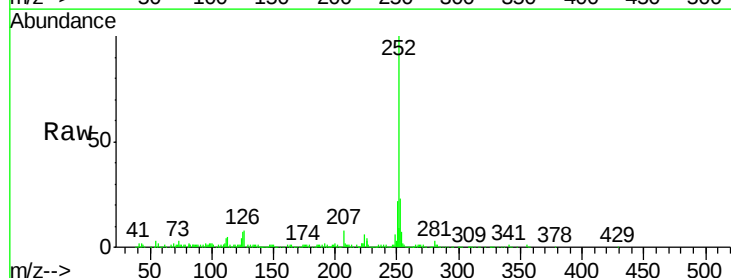
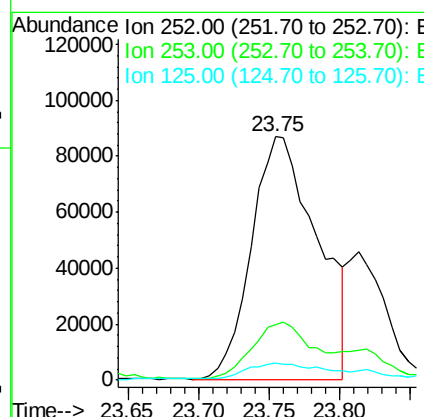
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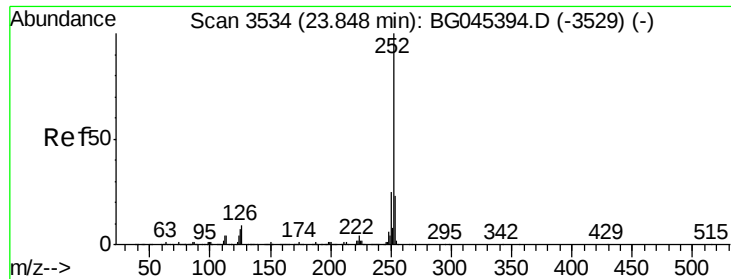
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#88
Benzo(b)fluoranthene
Concen: 11.243 ng
RT: 23.75 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045562.D
Acq: 1 Jun 2020 19:16

Tgt Ion:	252	Resp:	282312
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	6.9	5.0	7.6





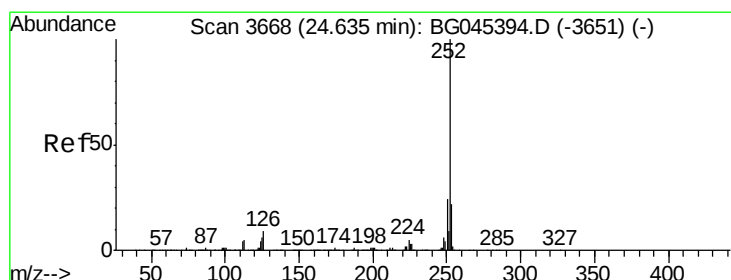
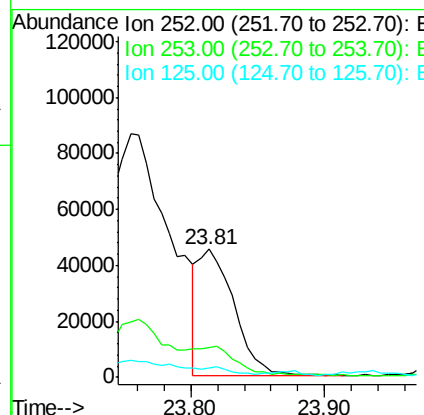
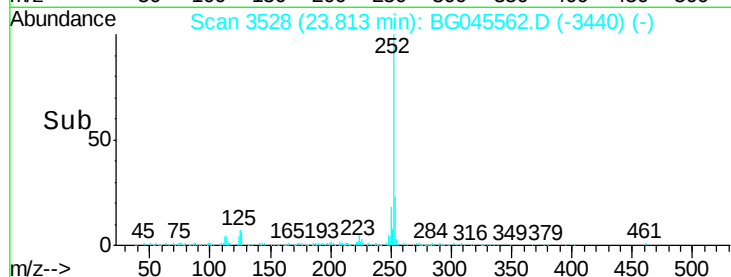
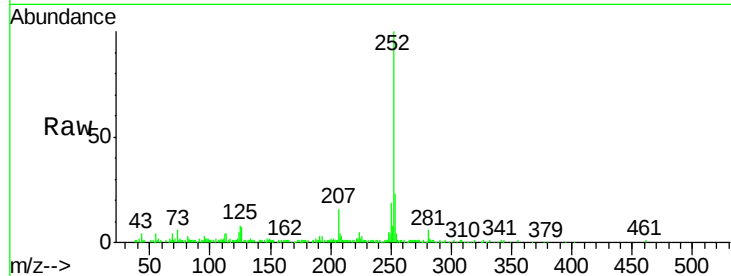
#89
Benzo(k)fluoranthene
Concen: 3.563 ng m
RT: 23.81 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045562.D
Acq: 1 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :
NM48-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	7.6	5.7	8.5

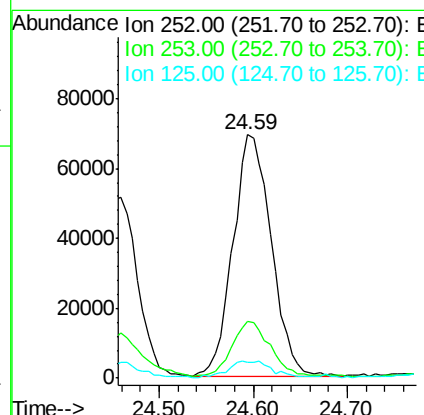
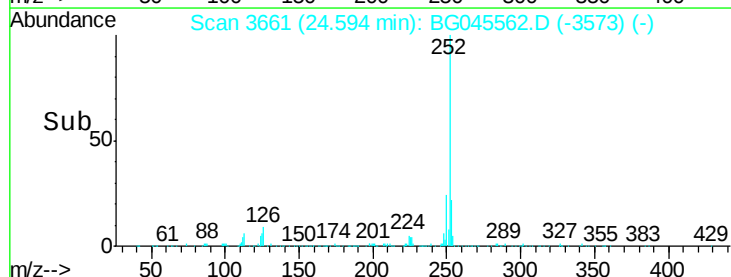
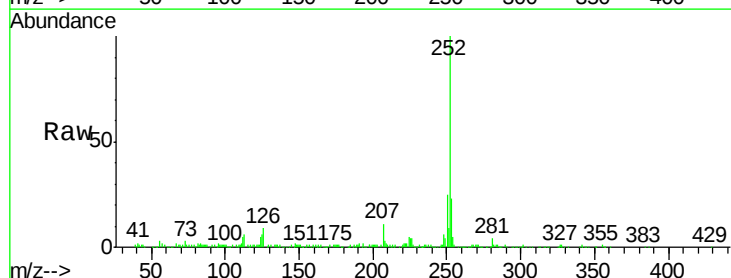
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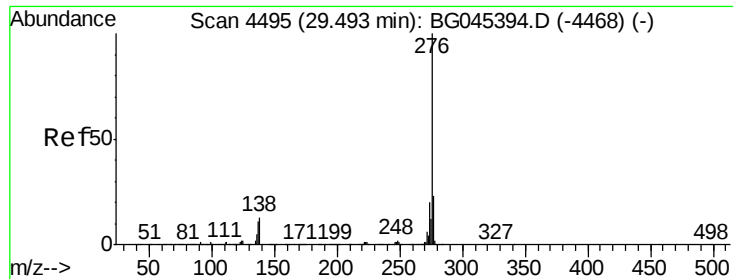
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#90
Benzo(a)pyrene
Concen: 8.359 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045562.D
Acq: 1 Jun 2020 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	6.3	5.0	7.6





#92

Benzo(a,h,i)perylene

Concen: 6.359 ng

RT: 29.43 min Scan# 4485

Delta R.T. -0.00 min

Lab File: BG045562.D

Acq: 1 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

NM48-COMP-2020-0-6

Tot Ion:	276	Resp:	149449
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.1	27.1
138	12.0	10.2	15.4

Manual Integrations
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