

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045471.D
 Acq On : 27 May 2020 00:21
 Operator : CG/JU
 Sample : L2744-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM52-COMP-2020-0-6

Manual Integrations
 APPROVED

mohammad
 5/27/2020 11:48:40 AM

Quant Time: May 27 02:46:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	89676	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	364078	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	244449	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	517938	20.00	ng	0.00
76) Chrysene-d12	21.61	240	465281	20.00	ng	0.00
87) Perylene-d12	24.76	264	507299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	409985	89.35	ng	0.00
7) Phenol-d6	7.18	99	619210	94.81	ng	0.00
23) Nitrobenzene-d5	9.12	82	437398	65.51	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	287421	91.94	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1011244	70.17	ng	0.00
79) Terphenyl-d14	19.97	244	1403992	70.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	178814	10.66	ng	Qvalue 98
71) Phenanthrene	17.39	178	108391	4.79	ng	97
75) Fluoranthene	19.40	202	246559	8.57	ng	97
78) Pyrene	19.76	202	219478	8.28	ng	98
81) Benzo(a)anthracene	21.59	228	126750	4.89	ng	99
83) Chrysene	21.65	228	113570	4.56	ng	93
86) Indeno(1,2,3-cd)pyrene	28.32	276	82814m	2.54	ng	
88) Benzo(b)fluoranthene	23.77	252	157901	5.80	ng	# 97
89) Benzo(k)fluoranthene	23.82	252	59888m	2.34	ng	
90) Benzo(a)pyrene	24.61	252	119039	4.70	ng	# 97
92) Benzo(g,h,i)perylene	29.43	276	84460	3.32	ng	95

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

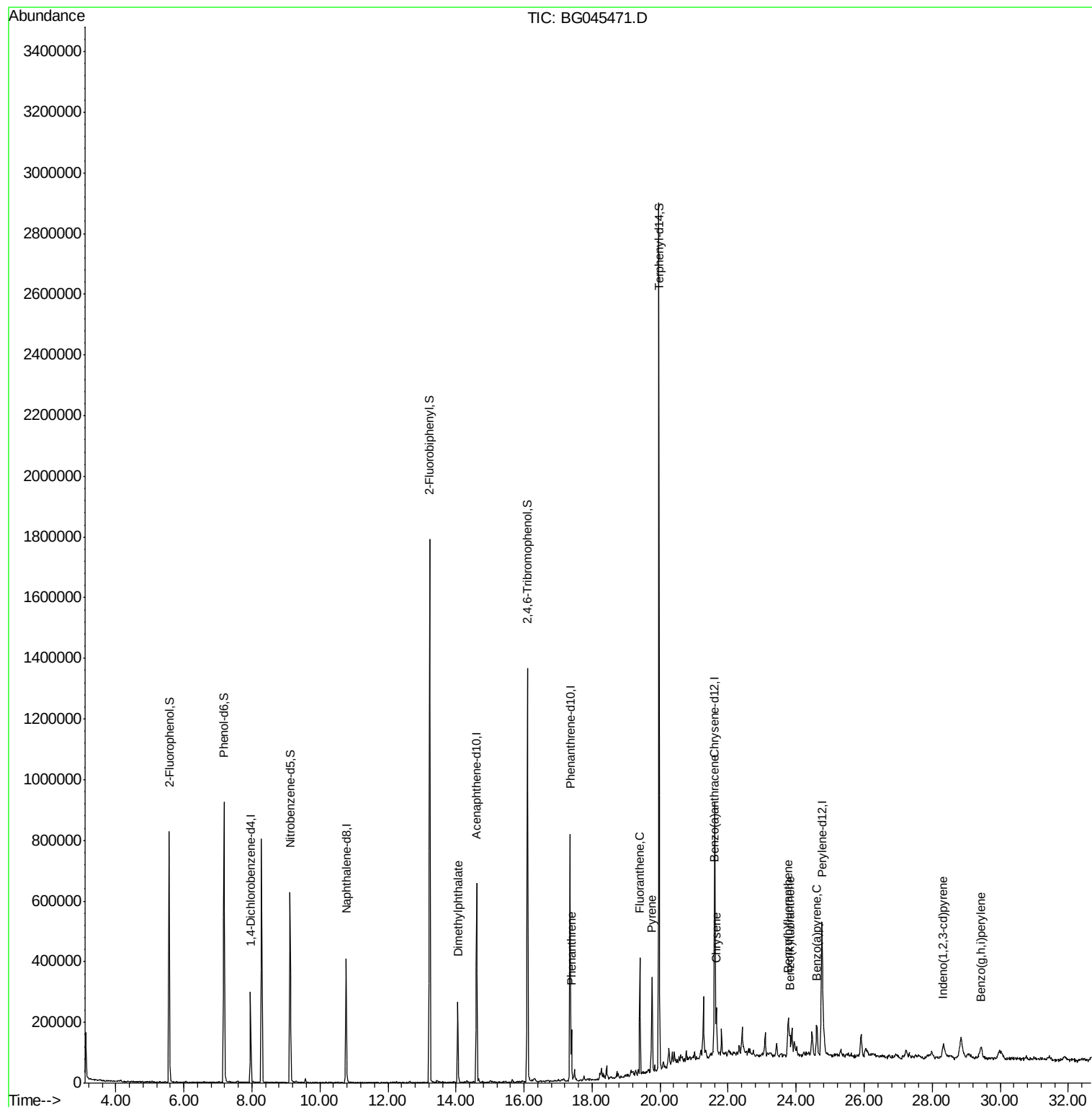
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
Data File : BG045471.D
Acq On : 27 May 2020 00:21
Operator : CG/JU
Sample : L2744-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

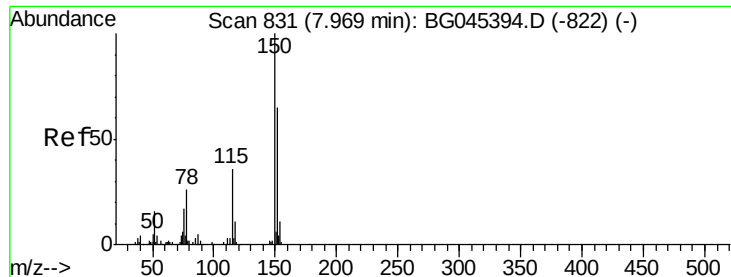
Instrument :
BNA_G
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NM52-COMP-2020-0-6

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

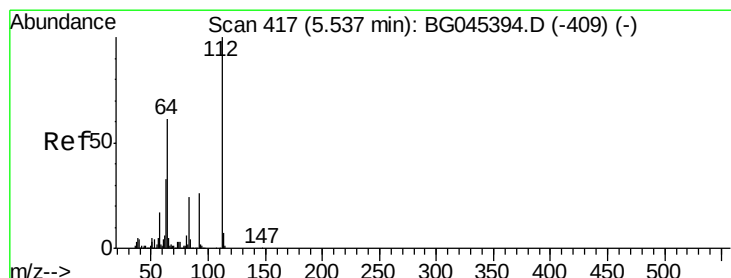
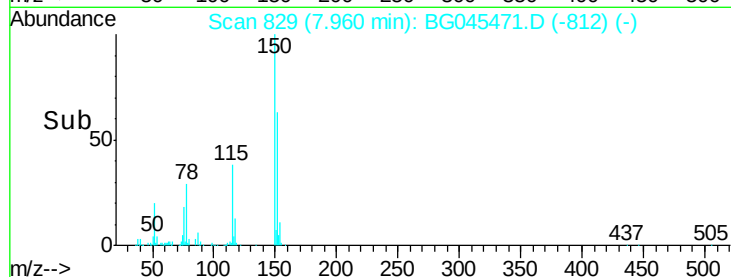
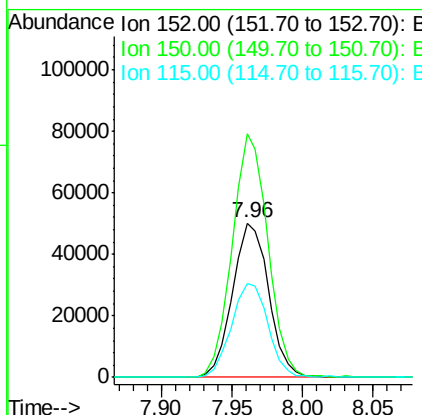
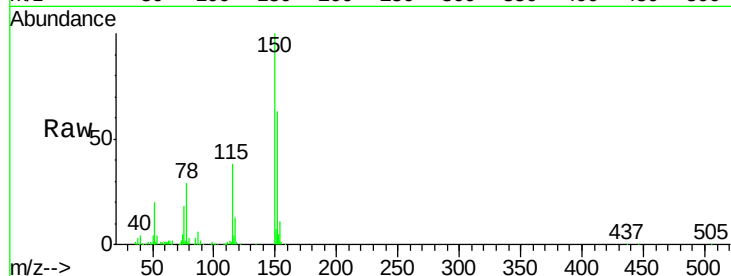
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Instrument :
BNA_G
ClientSampleId :
NM52-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.4	183.6
115	60.6	44.2	66.4

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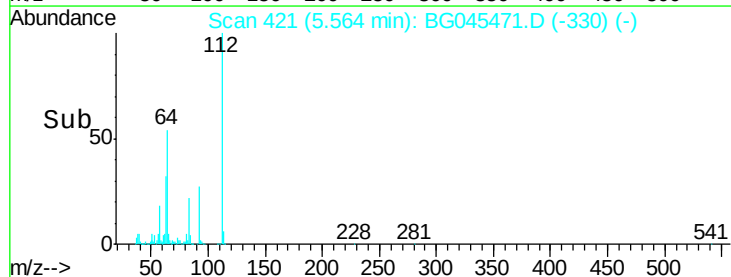
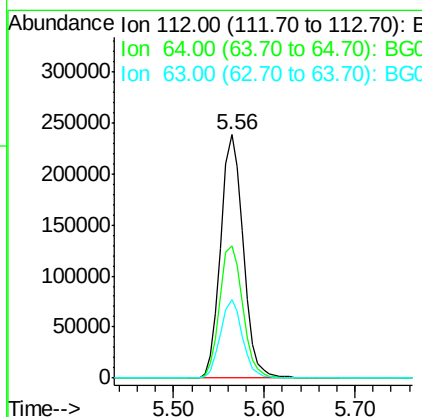
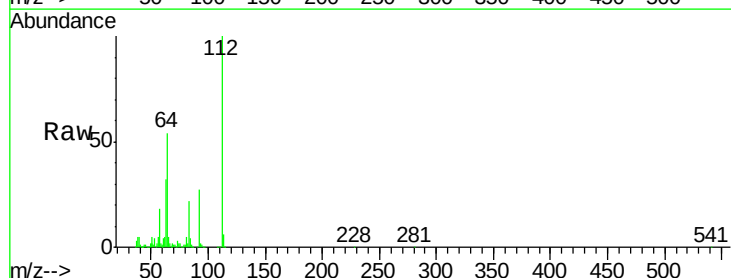
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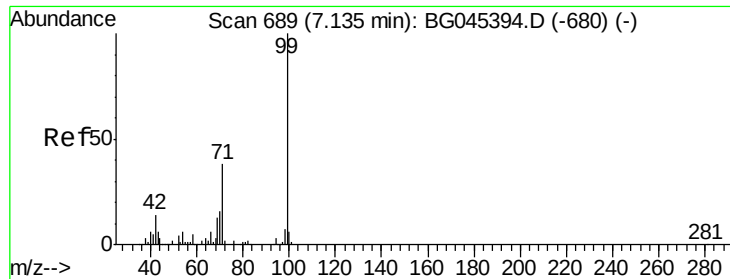


#5

2-Fluorophenol
Concen: 89.35 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	48.6	72.8
63	32.4	26.5	39.7





#7

Phenol-d6

Concen: 94.81 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Instrument :

BNA_G

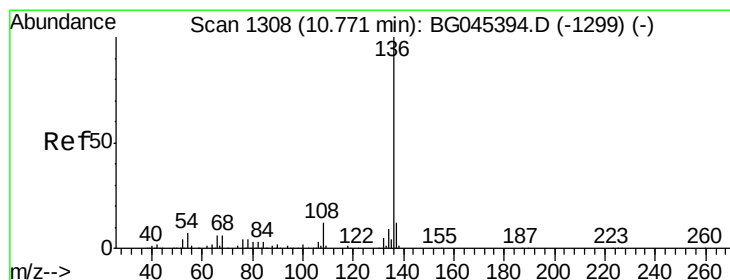
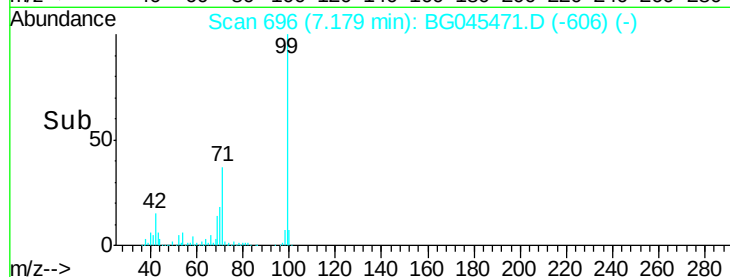
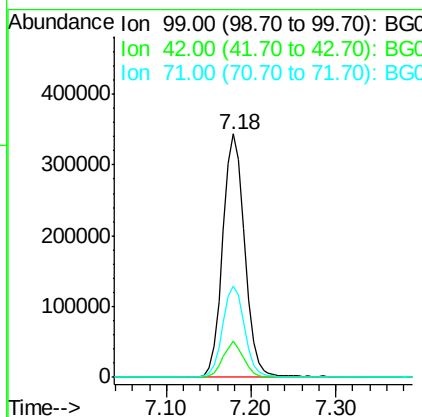
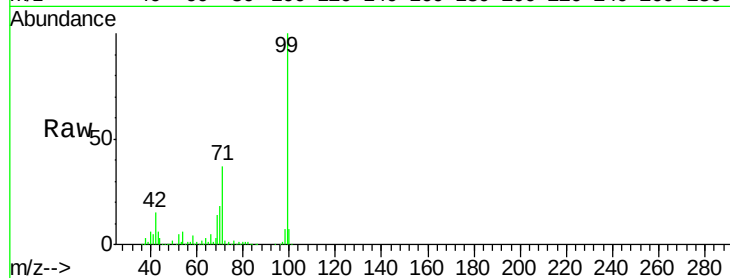
ClientSampleId :

NM52-COMP-2020-0-6

Tgt Ion:	99	Resp:	619210
Ion Ratio	Lower	Upper	
99	100		
42	14.8	11.3	16.9
71	37.5	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.00 ng

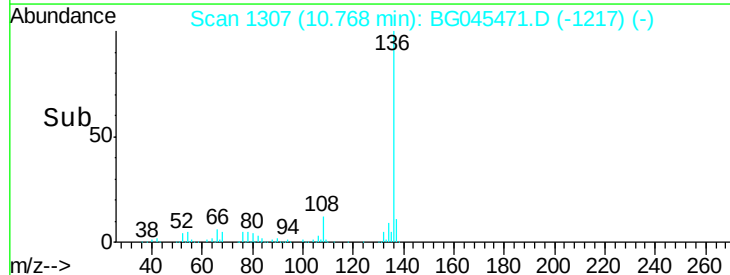
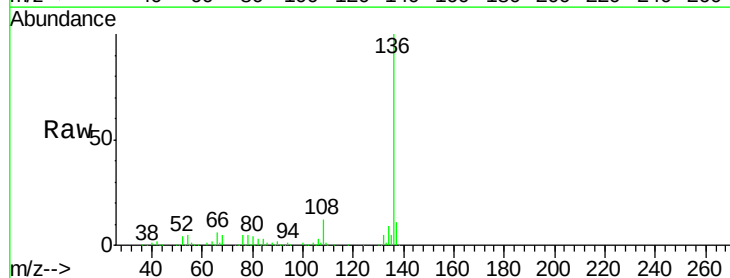
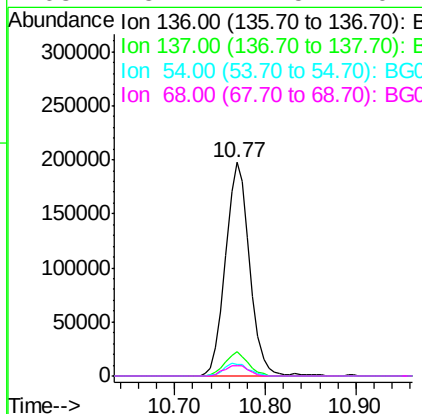
RT: 10.77 min Scan# 1307

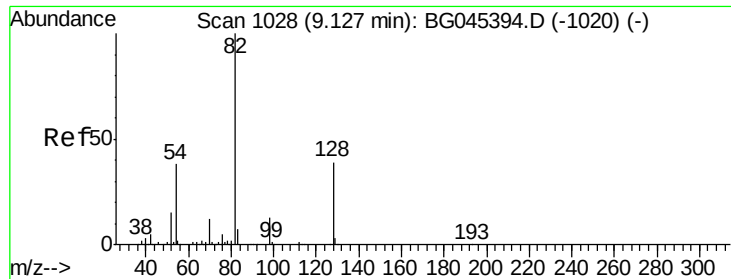
Delta R.T. -0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Tgt Ion:	136	Resp:	364078
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.4	14.2
54	5.5	5.8	8.6
68	5.1	4.5	6.7





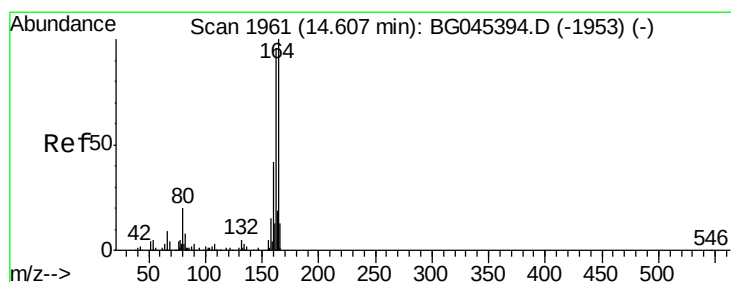
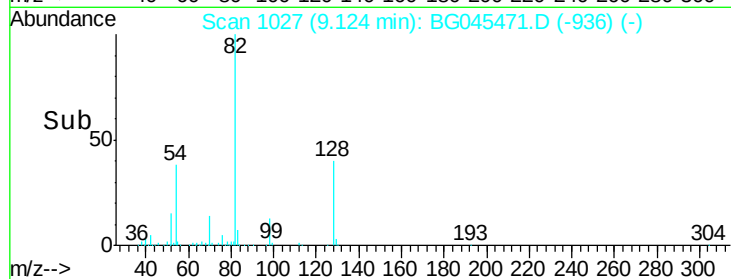
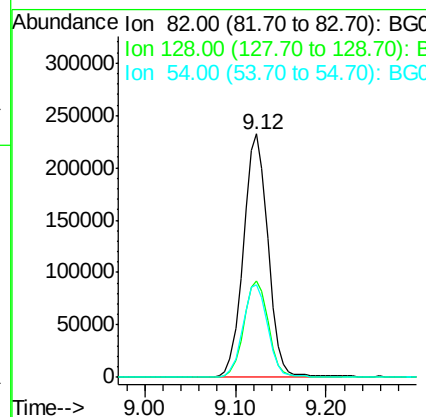
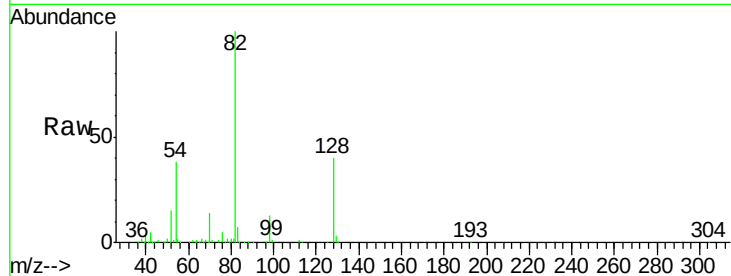
#23
 Nitrobenzene-d5
 Concen: 65.51 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045471.D
 Acq: 27 May 2020 00:21

Instrument :
 BNA_G
 ClientSampleId :
 NM52-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	437398		
128	39.6	30.9	46.3	
54	37.8	30.3	45.5	

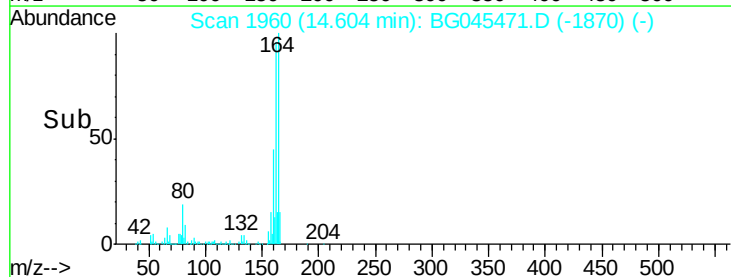
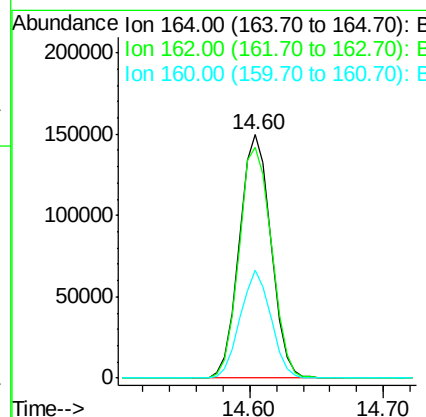
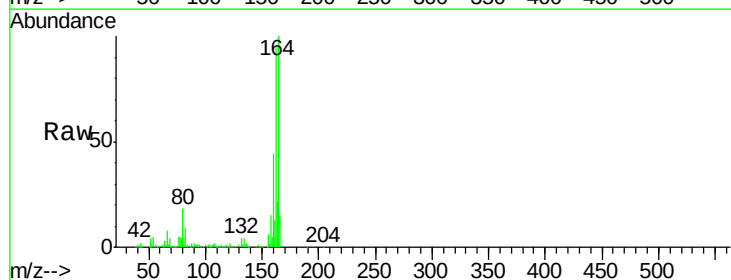
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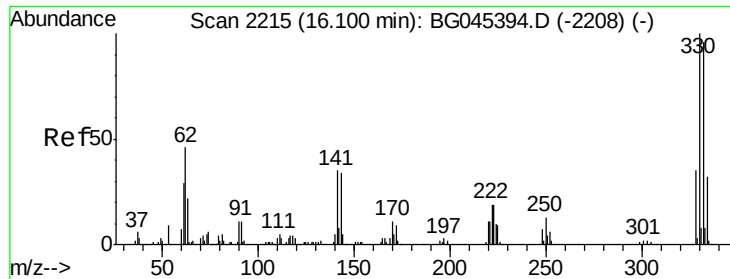
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#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045471.D
 Acq: 27 May 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244449		
162	94.7	76.9	115.3	
160	44.4	33.8	50.8	





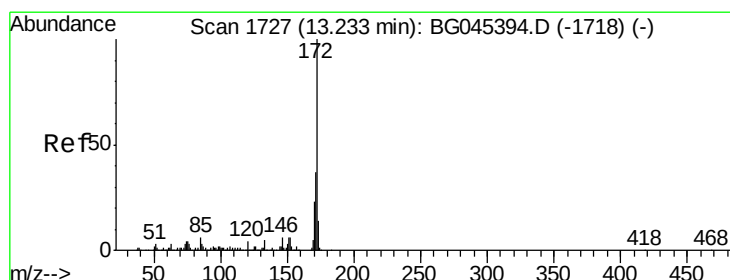
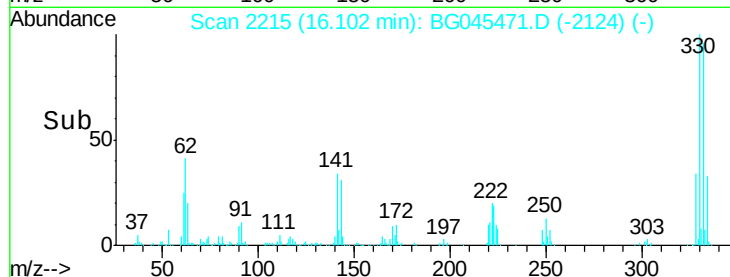
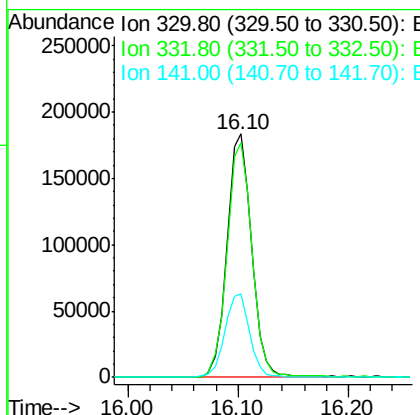
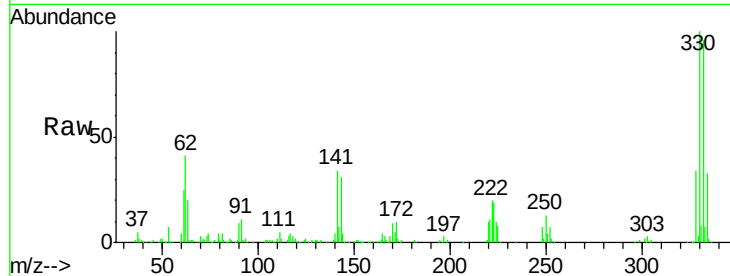
#42
 2,4,6-Tribromophenol
 Concen: 91.94 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045471.D
 Acq: 27 May 2020 00:21

Instrument :
 BNA_G
 ClientSampleId :
 NM52-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287421		
332	98.6	78.2	117.4	
141	34.8	28.2	42.4	

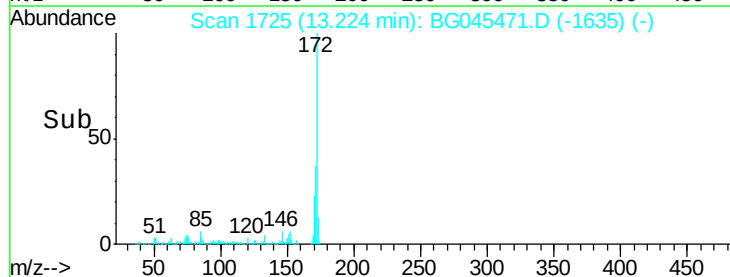
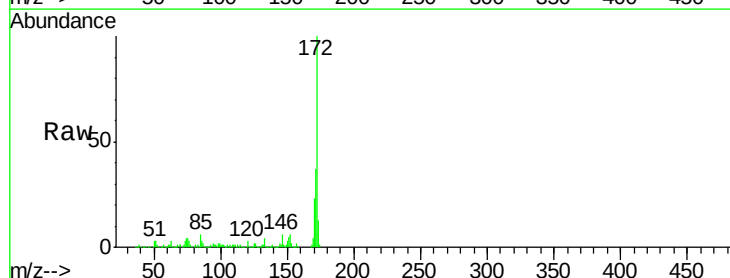
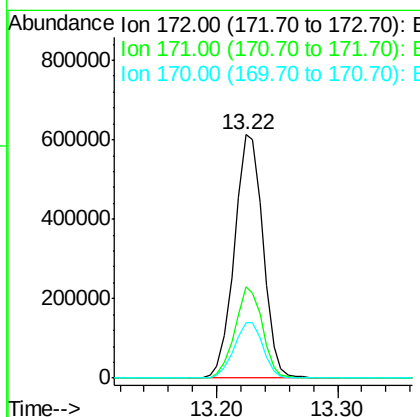
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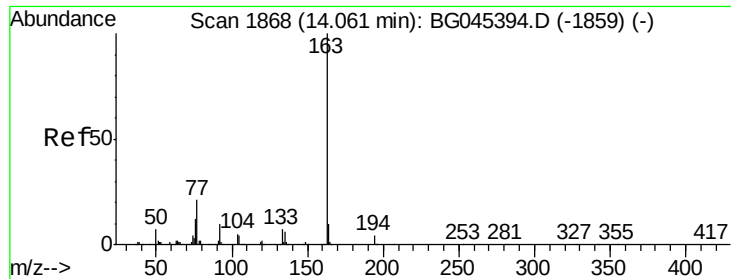
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#45
 2-Fluorobiphenyl
 Concen: 70.17 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045471.D
 Acq: 27 May 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1011244		
171	37.4	29.5	44.3	
170	22.8	18.5	27.7	





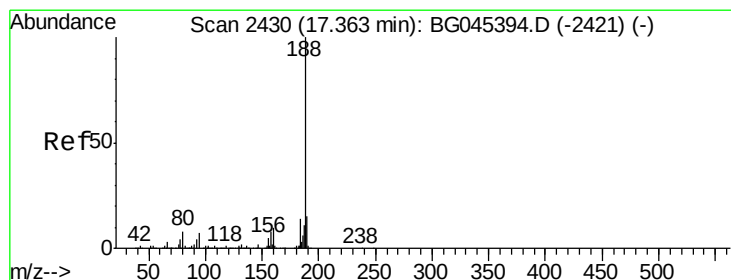
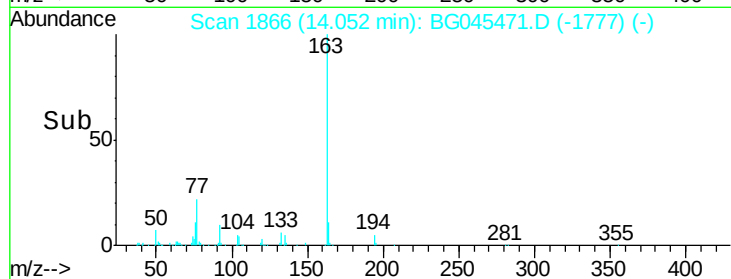
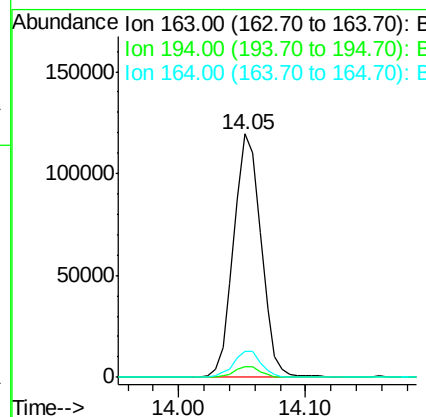
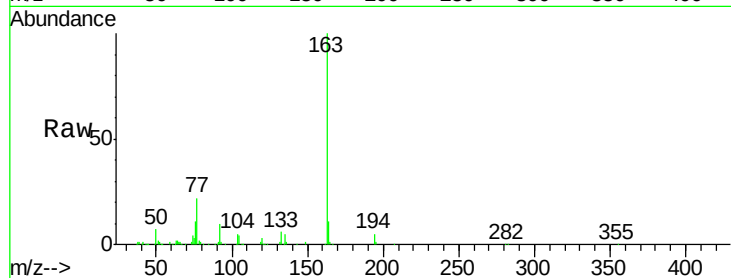
#50
Dimethylphthalate
Concen: 10.66 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Instrument :
BNA_G
ClientSampleId :
NM52-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	178814		
194	4.6	3.2	4.8	
164	10.9	8.3	12.5	

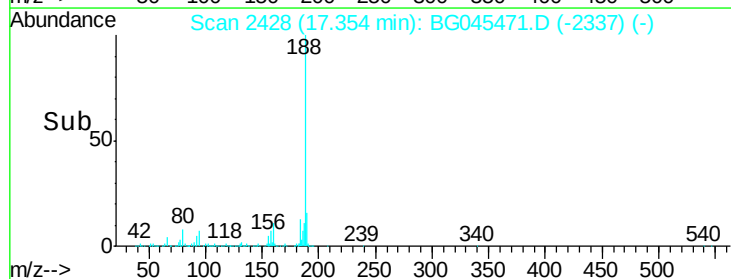
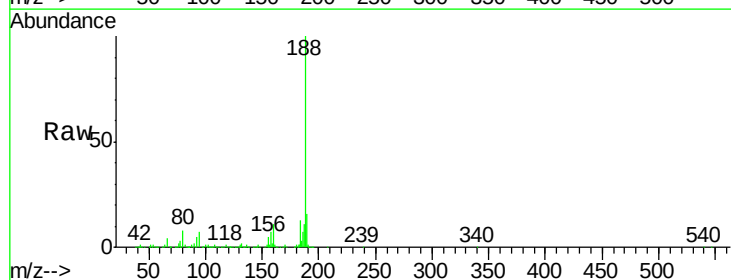
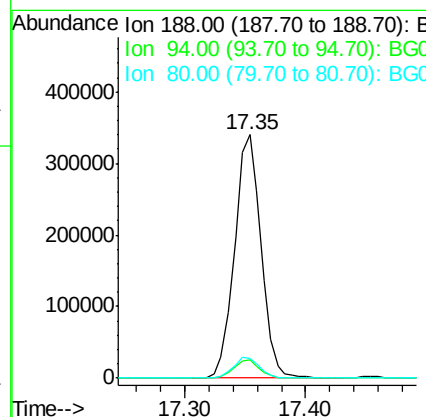
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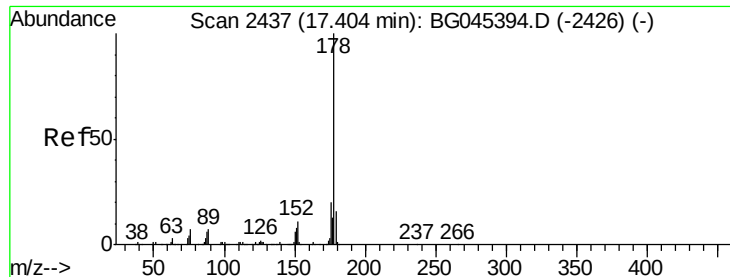
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	517938		
94	7.3	5.5	8.3	
80	8.2	6.6	10.0	





#71

Phenanthrene

Concen: 4.79 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Instrument :

BNA_G

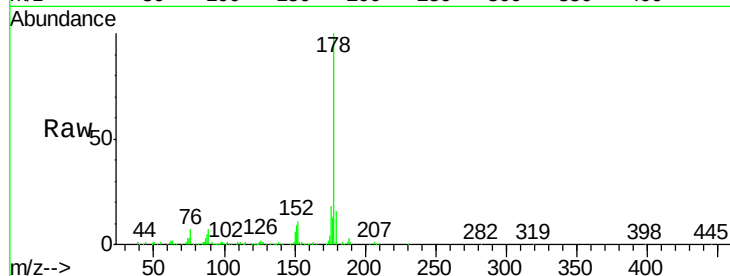
ClientSampleId :

NM52-COMP-2020-0-6

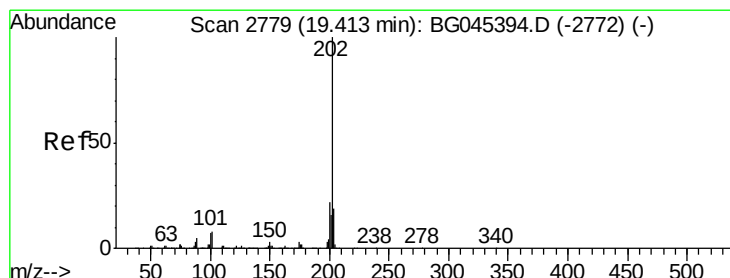
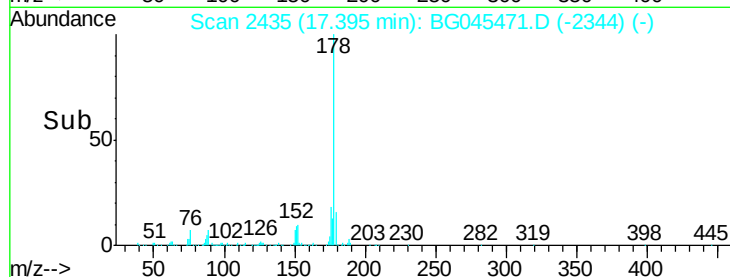
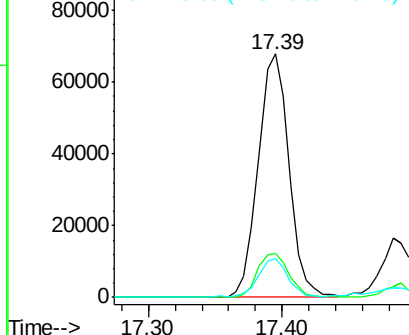
Tgt Ion:	178	Resp:	108391
Ion Ratio	Lower	Upper	
178	100		
176	18.0	16.2	24.4
179	16.1	13.1	19.7

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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



#75

Fluoranthene

Concen: 8.57 ng

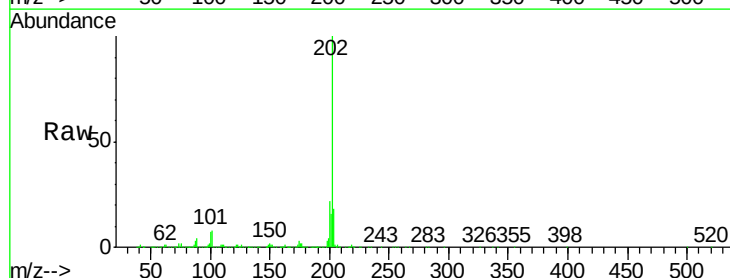
RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

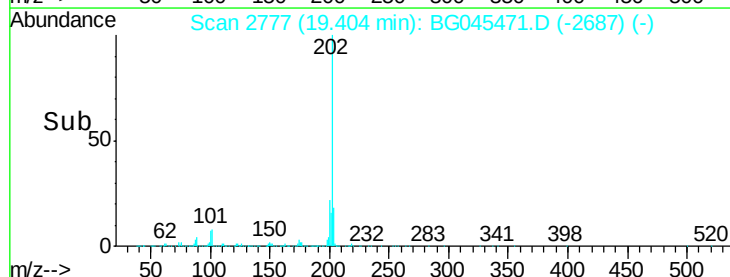
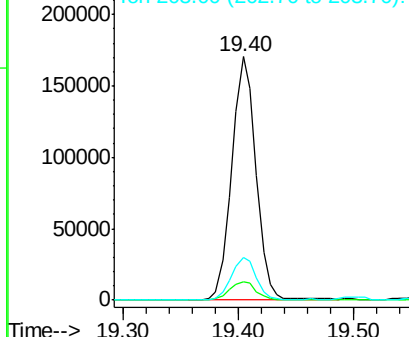
Lab File: BG045471.D

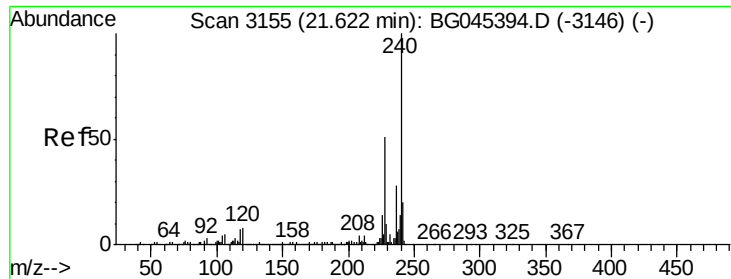
Acq: 27 May 2020 00:21

Tgt Ion:	202	Resp:	246559
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	28.3
203	17.5	0.0	39.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Instrument :

BNA_G

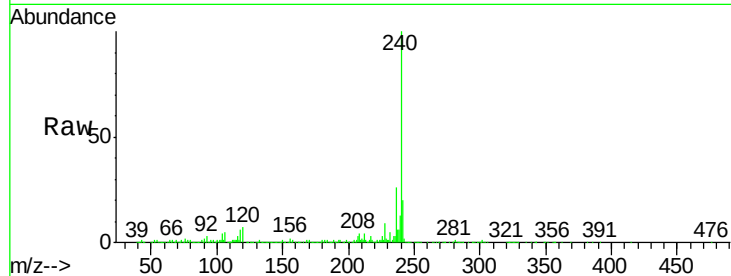
ClientSampleId :

NM52-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	465281		
120	6.9	6.1	9.1	
236	25.8	22.3	33.5	

Manual Integrations
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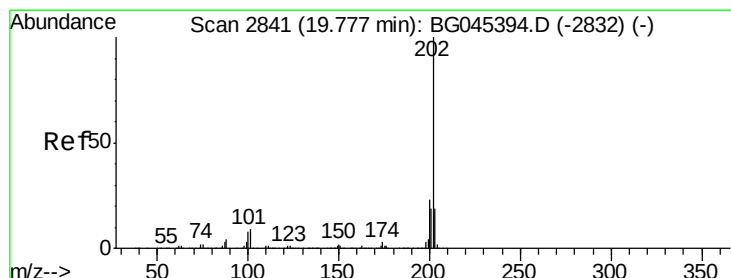
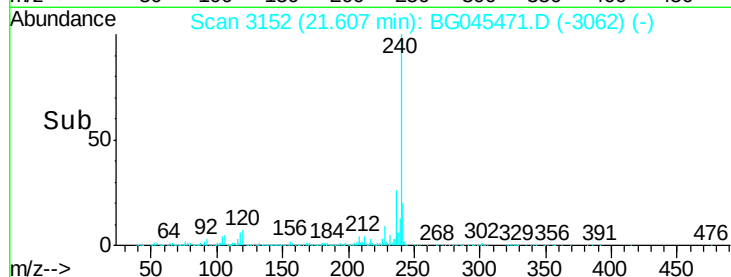
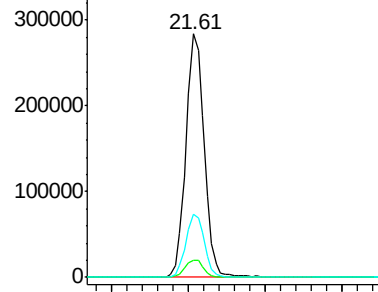
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 8.28 ng

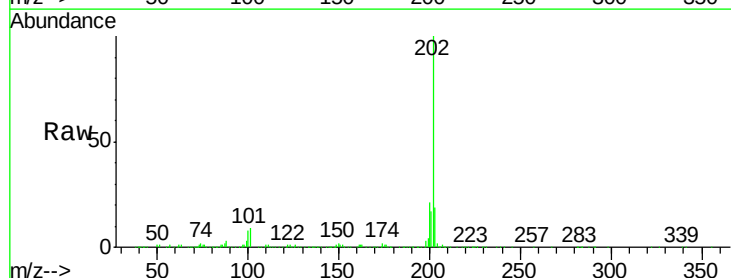
RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

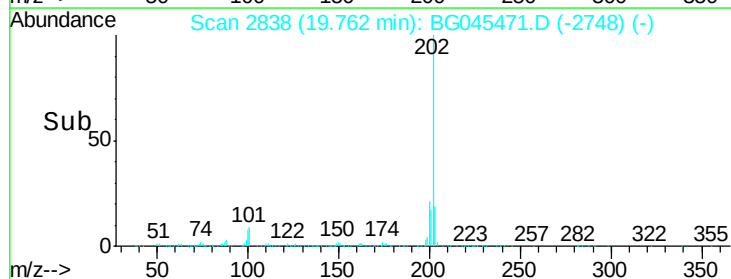
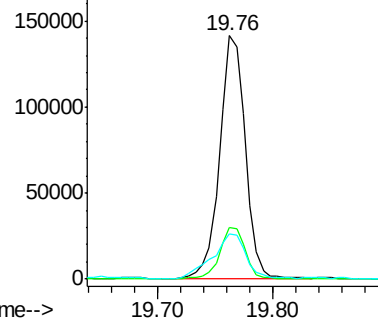
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	219478		
200	21.3	18.2	27.2	
203	18.8	15.1	22.7	

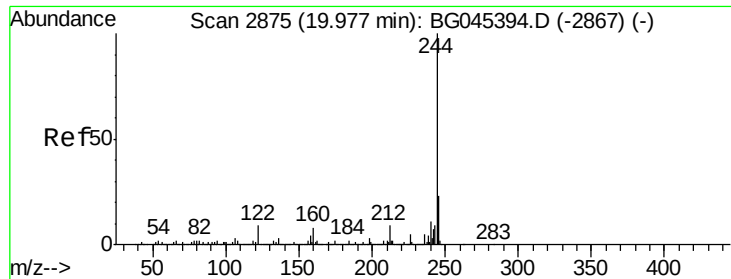


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.38 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Instrument :

BNA_G

ClientSampleId :

NM52-COMP-2020-0-6

Tgt Ion:244 Resp: 1403992

Ion Ratio Lower Upper

244 100

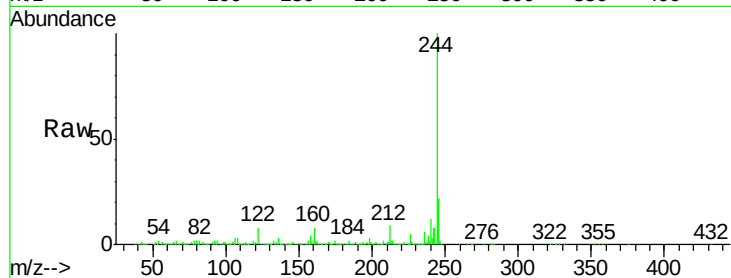
212 8.7 7.4 11.0

122 8.1 6.8 10.2

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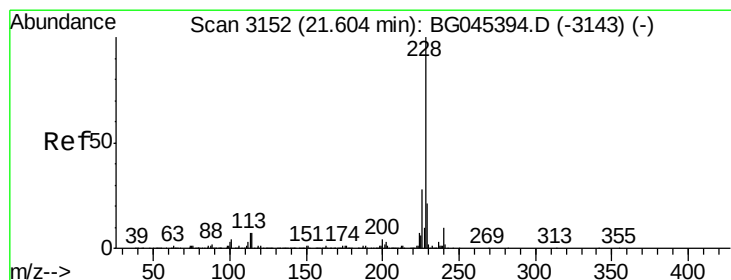
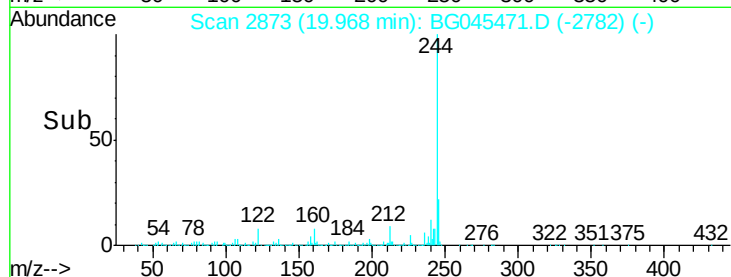
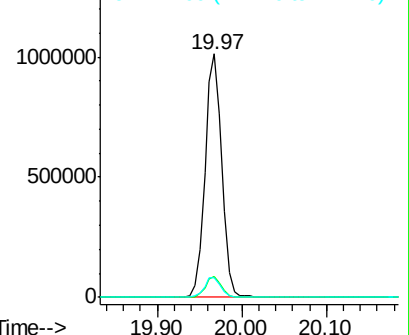
5/27/2020 11:48:40 AM



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: 4.89 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

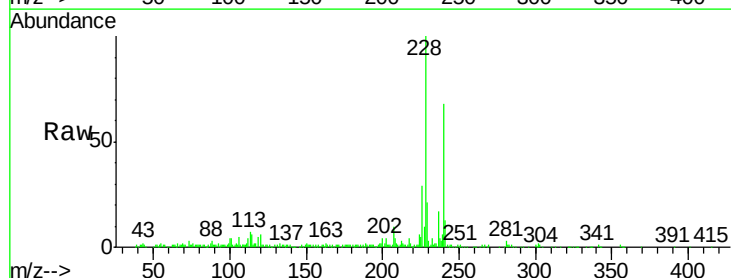
Tgt Ion:228 Resp: 126750

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

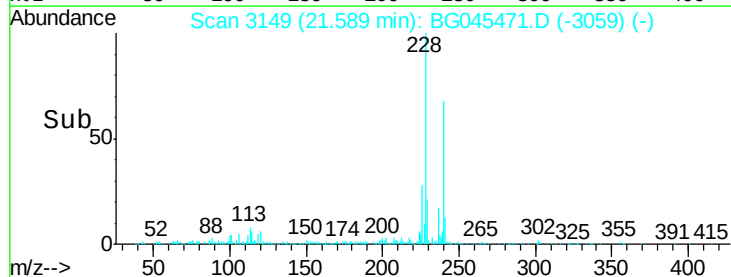
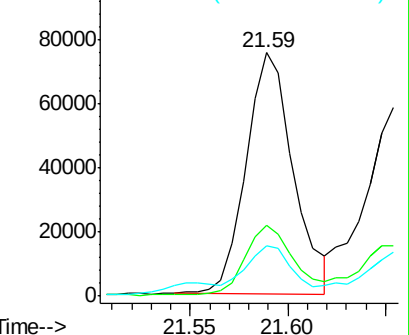
229 20.6 16.7 25.1

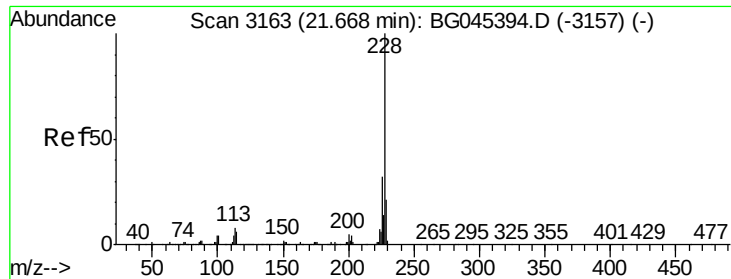


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 4.56 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Instrument :

BNA_G

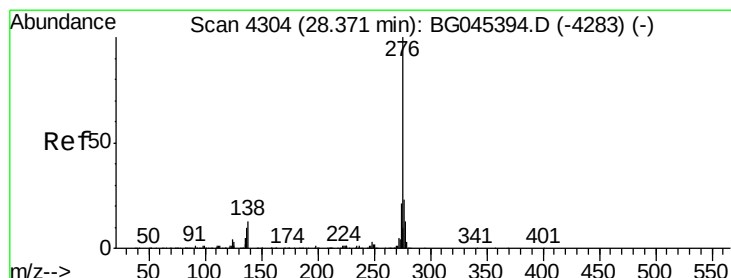
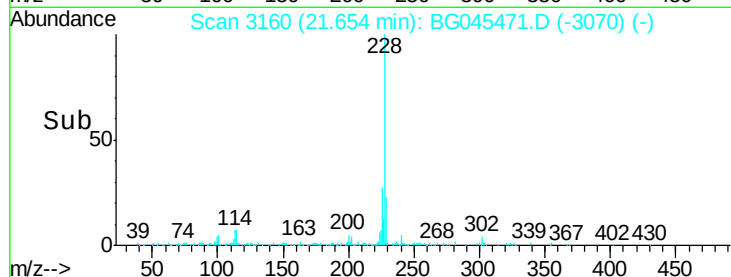
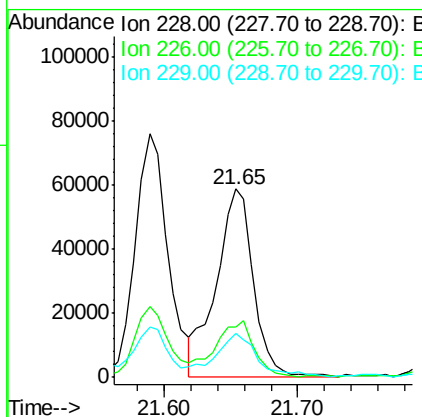
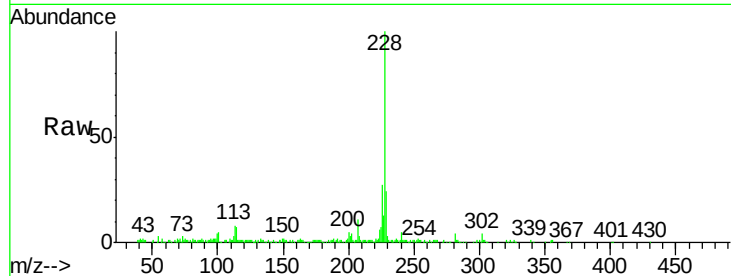
ClientSampleId :

NM52-COMP-2020-0-6

Tgt Ion:	228	Resp:	113570
Ion Ratio	Lower	Upper	
228	100		
226	27.0	25.2	37.8
229	23.5	16.7	25.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.54 ng m

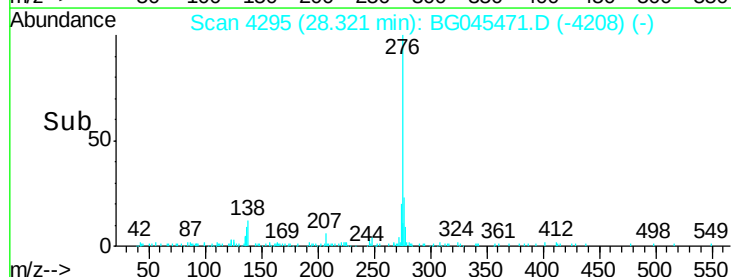
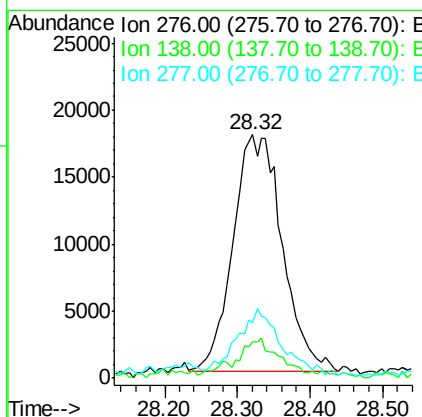
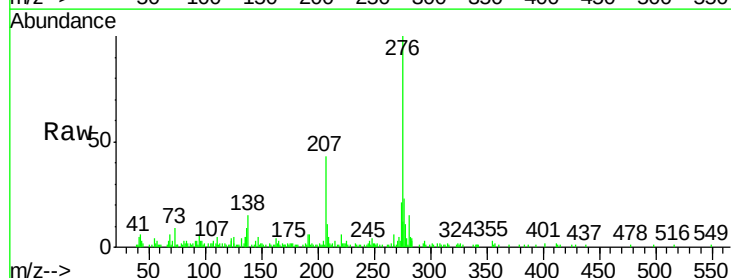
RT: 28.32 min Scan# 4295

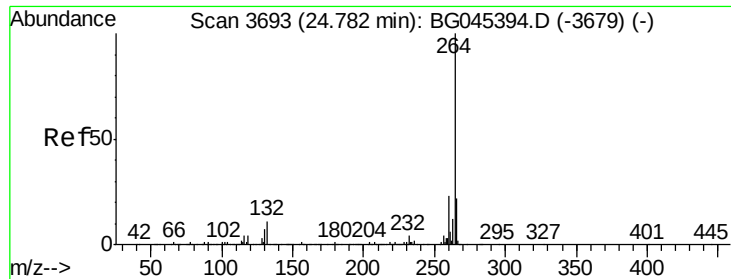
Delta R.T. -0.02 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Tgt Ion:	276	Resp:	82814
Ion Ratio	Lower	Upper	
276	100		
138	9.9	8.6	12.8
277	25.9	20.2	30.4





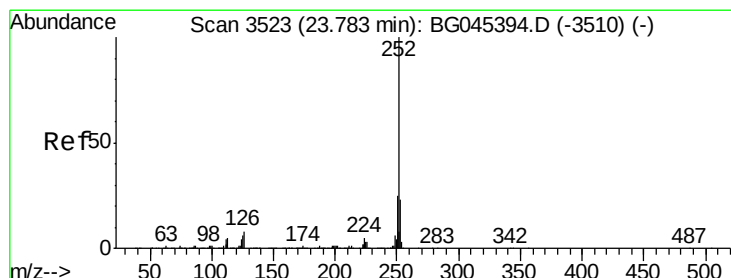
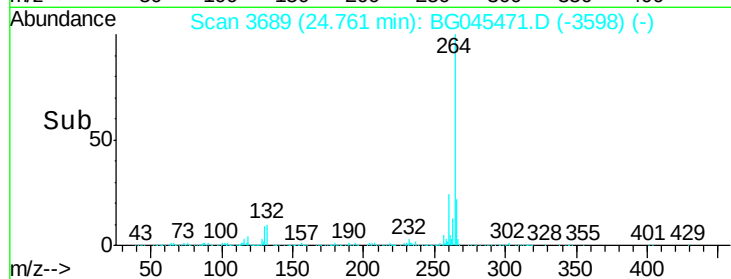
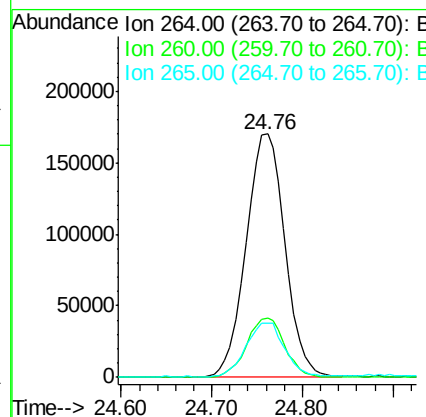
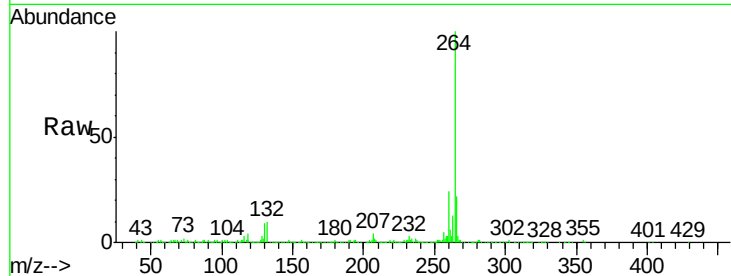
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Instrument :
BNA_G
ClientSampleId :
NM52-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.4	17.6	26.4

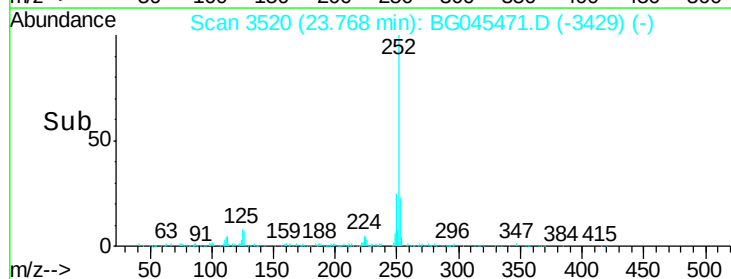
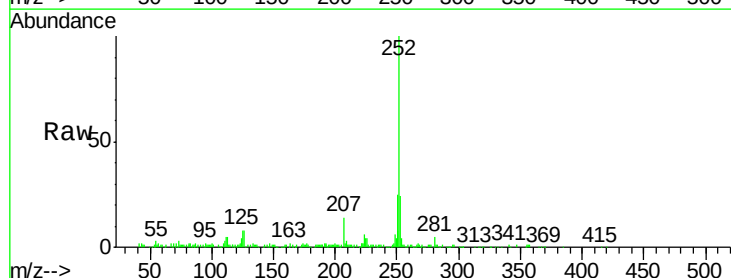
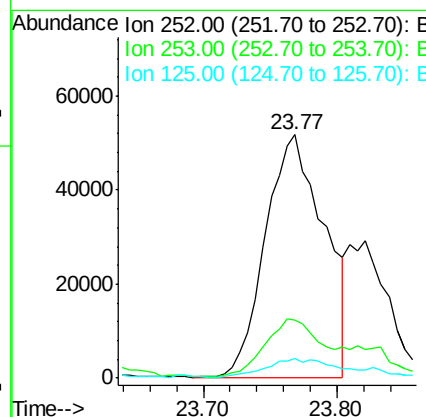
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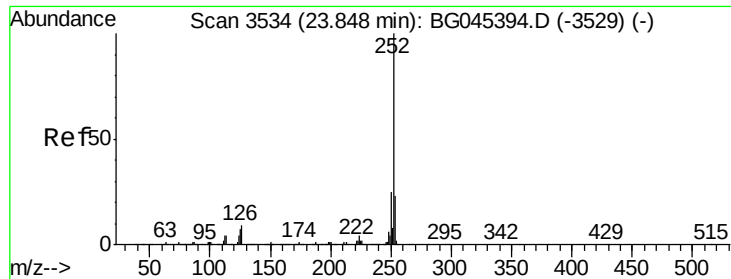
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#88
Benzo(b)fluoranthene
Concen: 5.80 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	7.9	5.0	7.6





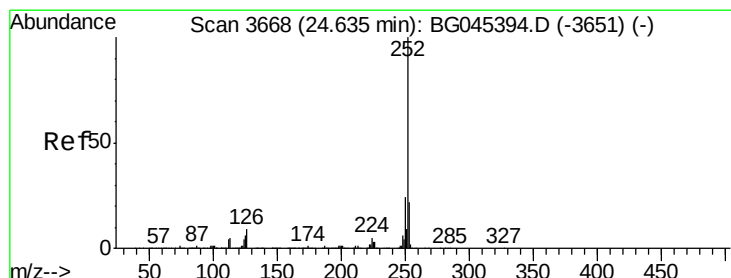
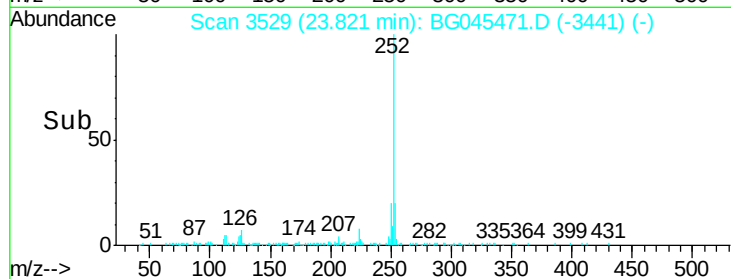
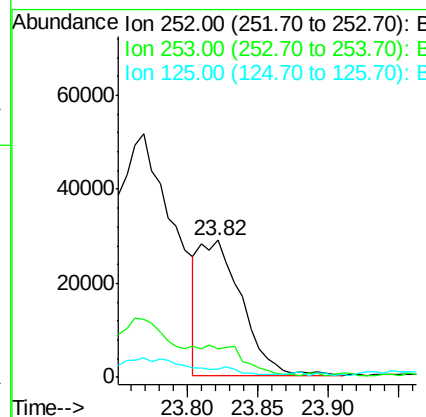
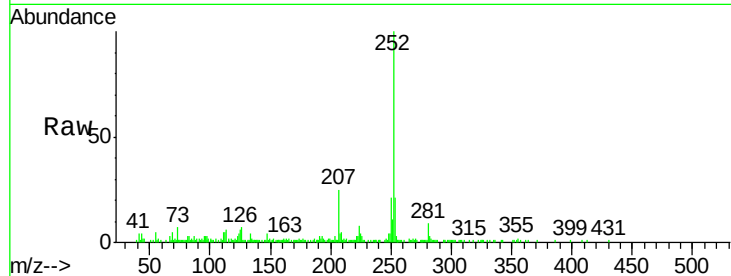
#89
Benzo(k)fluoranthene
Concen: 2.34 ng m
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Instrument :
BNA_G
ClientSampleId :
NM52-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.4	27.6
125	6.3	5.7	8.5

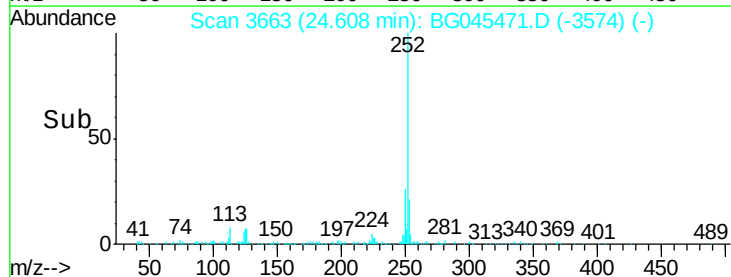
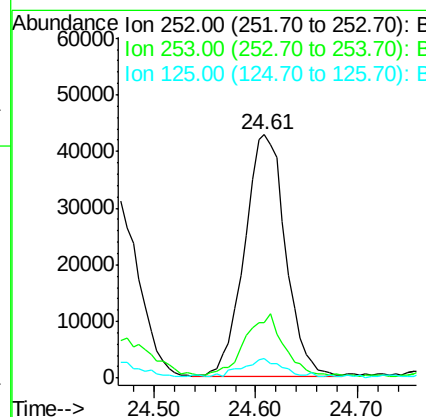
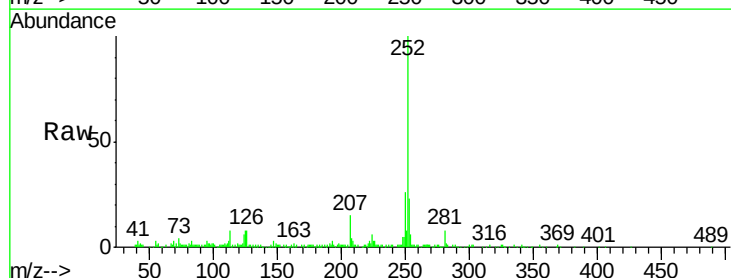
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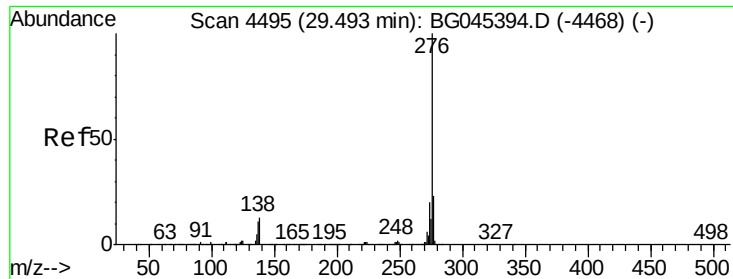
mohammad
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#90
Benzo(a)pyrene
Concen: 4.70 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG045471.D
Acq: 27 May 2020 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	8.1	5.0	7.6#





#92

Benzo(g,h,i)perylene

Concen: 3.32 ng

RT: 29.43 min Scan# 4484

Delta R.T. -0.03 min

Lab File: BG045471.D

Acq: 27 May 2020 00:21

Instrument :

BNA_G

ClientSampleId :

NM52-COMP-2020-0-6

Tgt Ion:	276	Resp:	84460
Ion Ratio	Lower	Upper	
276	100		
277	20.0	18.1	27.1
138	11.2	10.2	15.4

Manual Integrations
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5/27/2020 11:48:40 AM

