

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045488.D
 Acq On : 27 May 2020 23:01
 Operator : CG/JU
 Sample : L2746-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM72-COMP-2020-0-6

Manual Integrations
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Quant Time: May 28 02:02:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	100509	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	398515	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	270198	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	535789	20.00	ng	0.00
76) Chrysene-d12	21.61	240	459290	20.00	ng	0.00
87) Perylene-d12	24.76	264	507457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	449916	87.48	ng	0.00
7) Phenol-d6	7.18	99	699295	95.53	ng	0.00
23) Nitrobenzene-d5	9.12	82	495751	67.84	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	330334	95.60	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1126645	70.73	ng	0.00
79) Terphenyl-d14	19.96	244	1448701	73.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	211834	11.429	ng	99
71) Phenanthrene	17.39	178	132055	5.646	ng	95
75) Fluoranthene	19.40	202	320976	10.789	ng	97
78) Pyrene	19.77	202	299721	11.448	ng	99
81) Benzo(a)anthracene	21.59	228	174655	6.826	ng	98
83) Chrysene	21.65	228	166325	6.761	ng	94
86) Indeno(1,2,3-cd)pyrene	28.33	276	102205	3.177	ng	# 56
88) Benzo(b)fluoranthene	23.76	252	243856	8.960	ng	# 95
89) Benzo(k)fluoranthene	23.82	252	81305m	3.180	ng	
90) Benzo(a)pyrene	24.61	252	176285	6.955	ng	97
92) Benzo(g,h,i)perylene	29.45	276	96174	3.775	ng	# 93

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

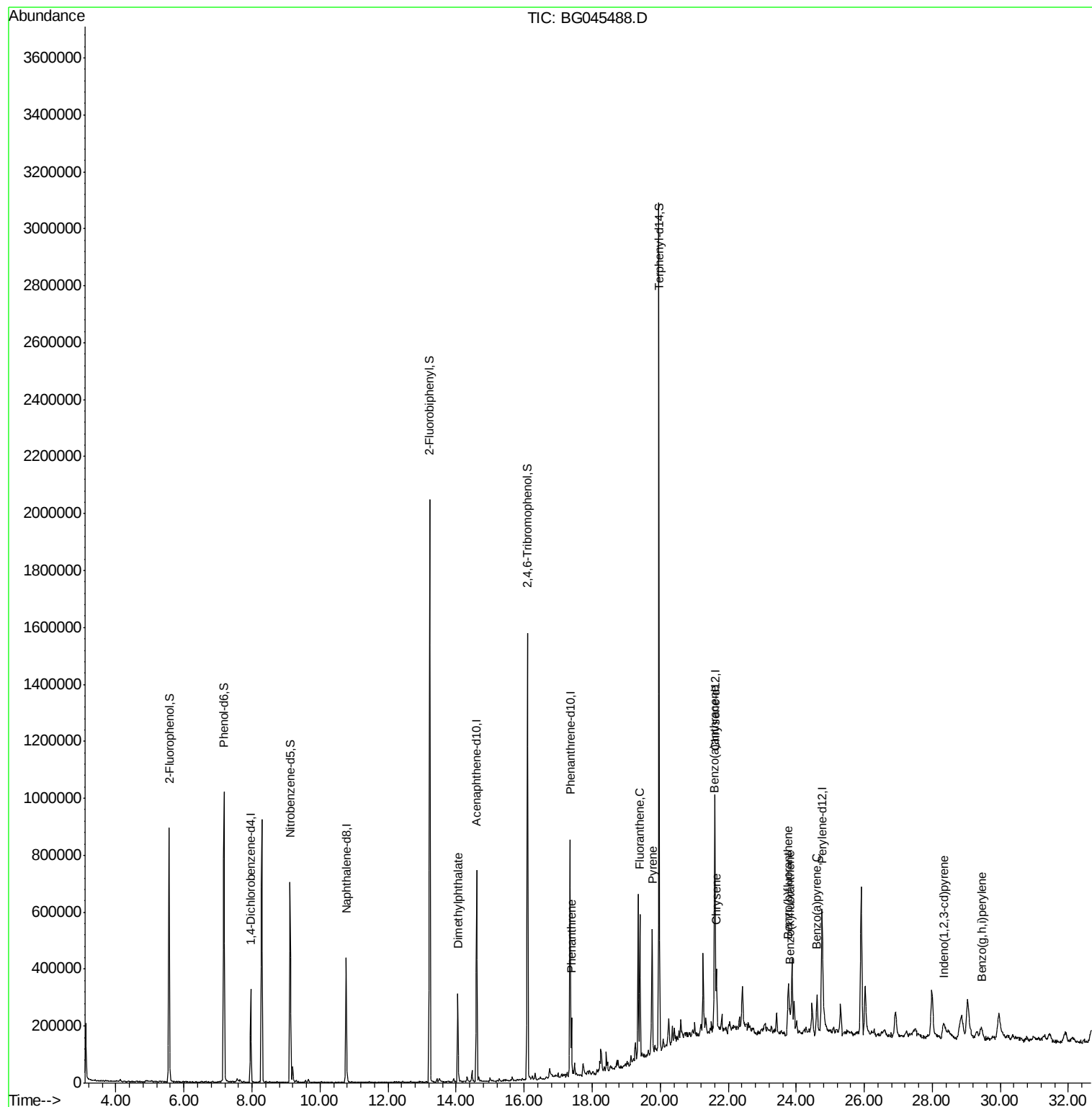
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045488.D
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ALS Vial : 17 Sample Multiplier: 1

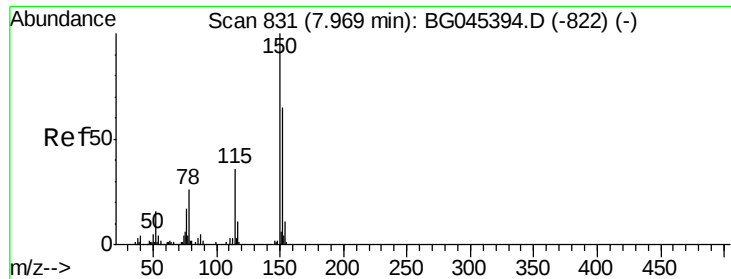
Instrument :
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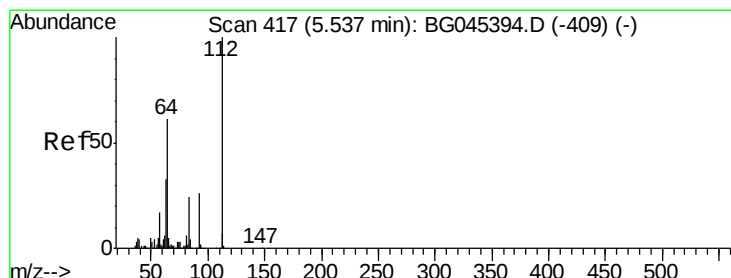
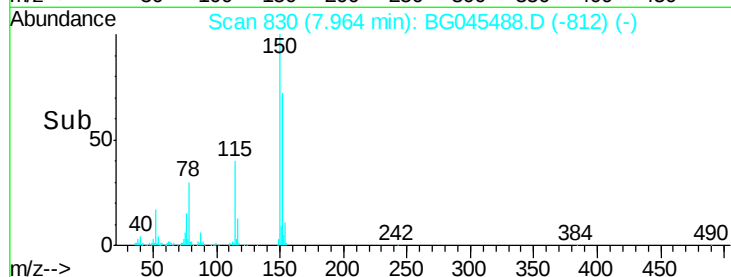
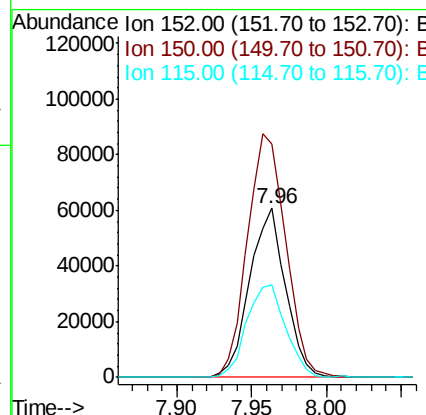
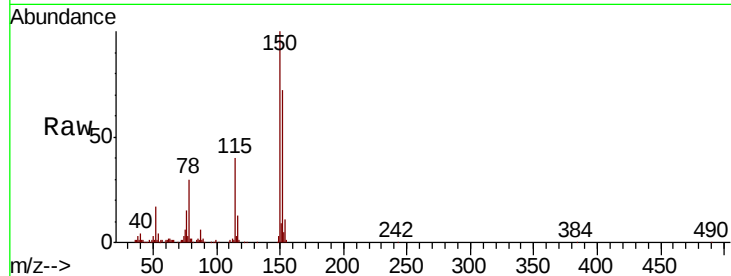
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BG045488.D
 Acq: 27 May 2020 23:01

Instrument :
 BNA_G
 ClientSampleId :
 NM72-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.0	122.4	183.6
115	54.6	44.2	66.4

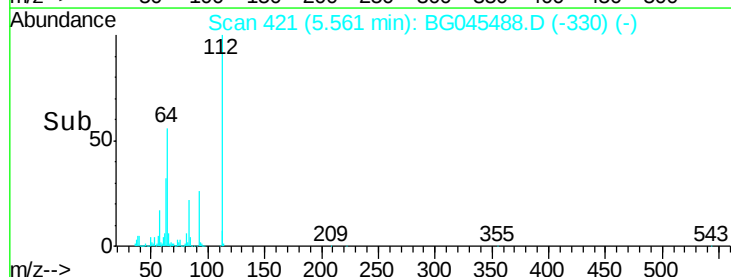
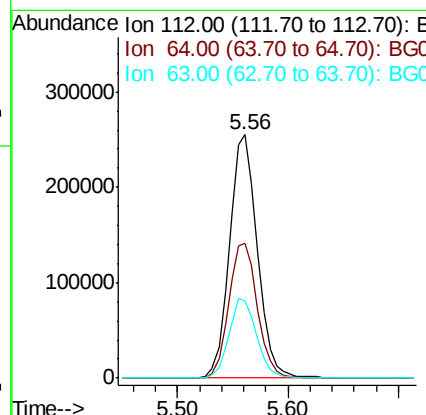
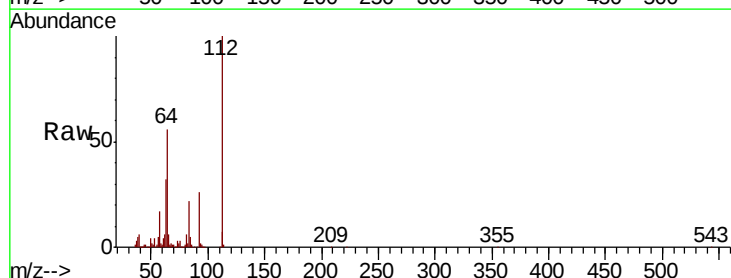
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#5
 2-Fluorophenol
 Concen: 87.482 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: BG045488.D
 Acq: 27 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	48.6	72.8
63	31.6	26.5	39.7





#7

Phenol-d6

Concen: 95.532 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

Instrument :

BNA_G

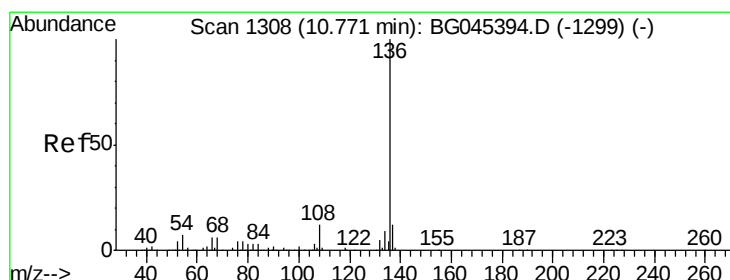
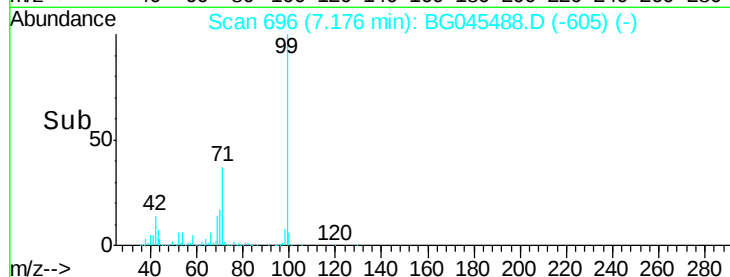
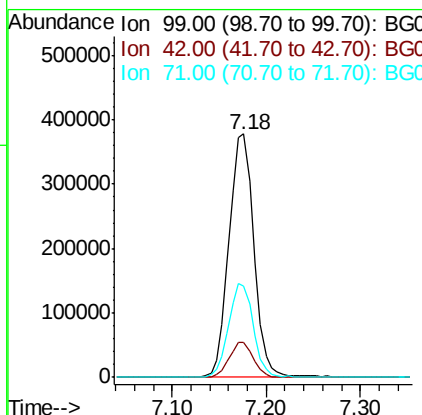
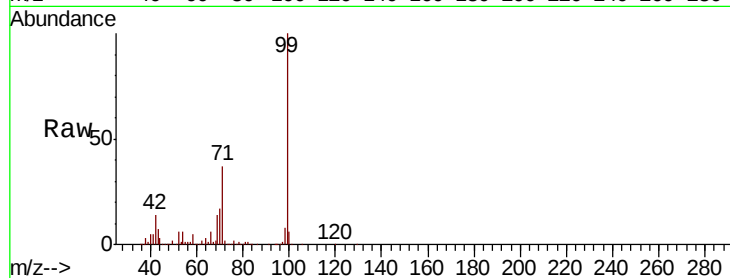
ClientSampleId :

NM72-COMP-2020-0-6

Tot Ion:	99	Resp:	699295
Ion Ratio	Lower	Upper	
99	100		
42	14.5	11.3	16.9
71	37.3	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

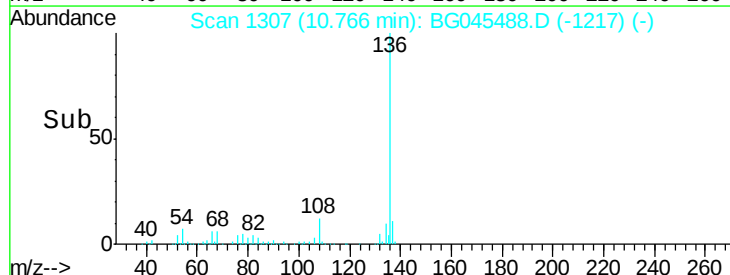
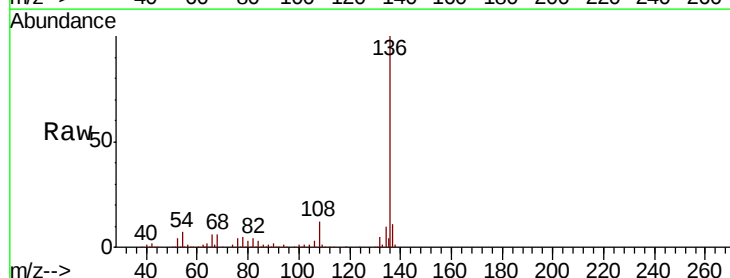
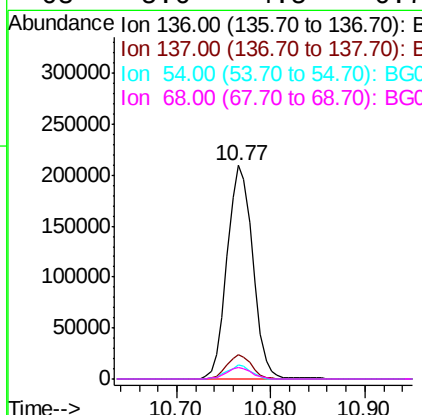
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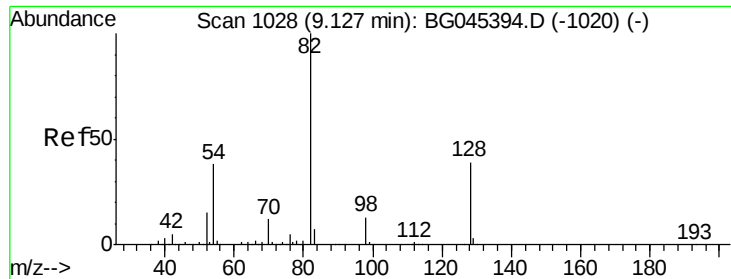
Delta R.T. -0.00 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

Tgt Ion:	136	Resp:	398515
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	6.6	5.8	8.6
68	5.6	4.5	6.7





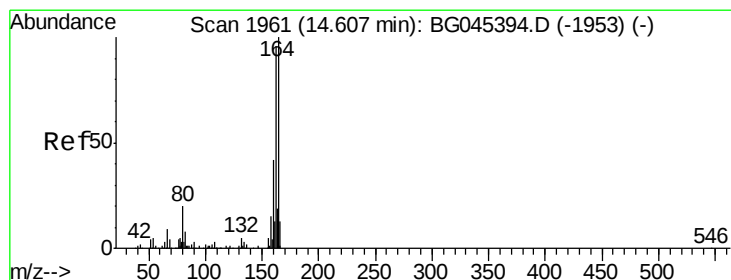
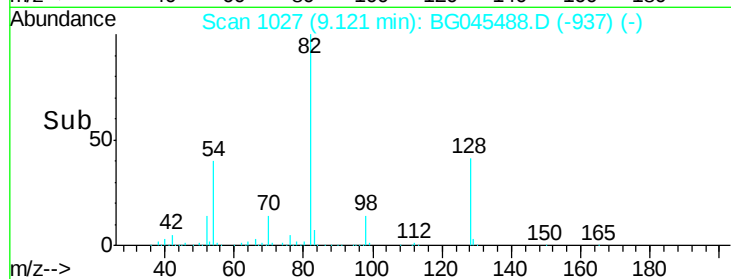
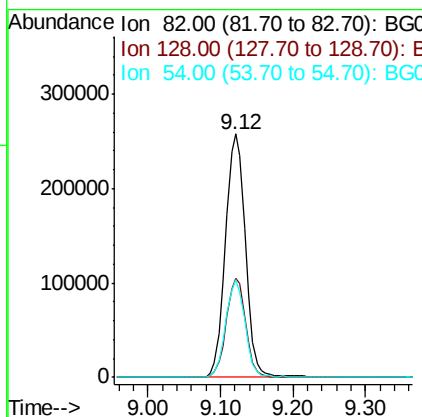
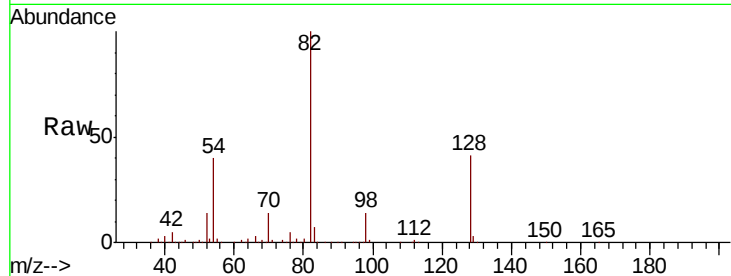
#23
Nitrobenzene-d5
Concen: 67.837 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Instrument :
BNA_G
ClientSampleId :
NM72-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	495751		
128	40.9		30.9	46.3
54	40.3		30.3	45.5

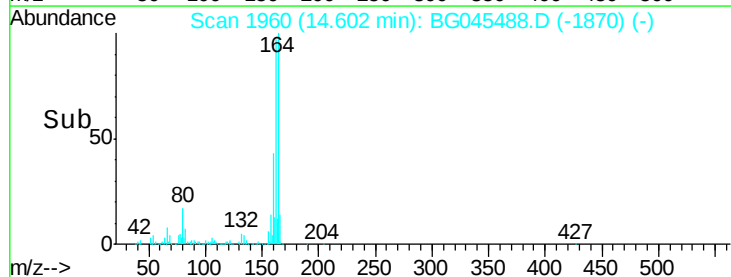
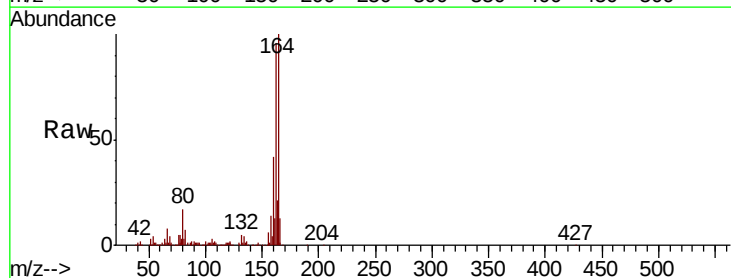
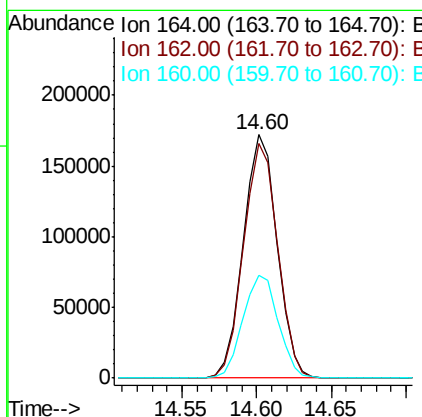
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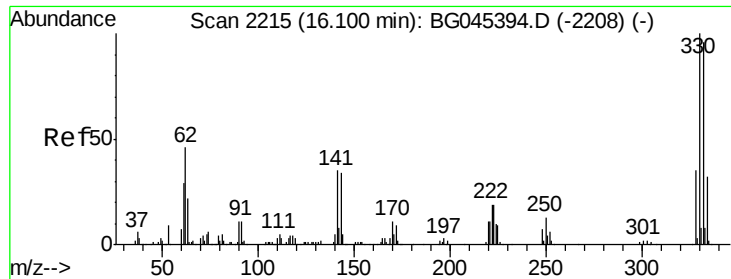
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	270198		
162	96.2		76.9	115.3
160	42.4		33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 95.596 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

Instrument :

BNA_G

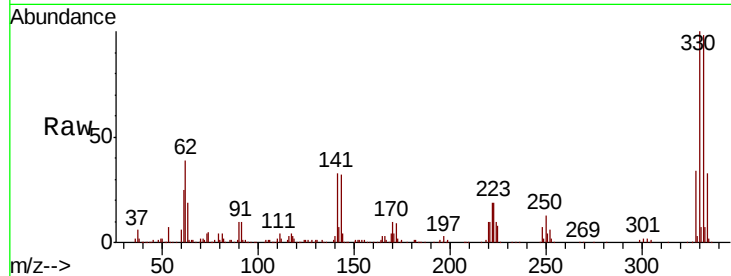
ClientSampleId :

NM72-COMP-2020-0-6

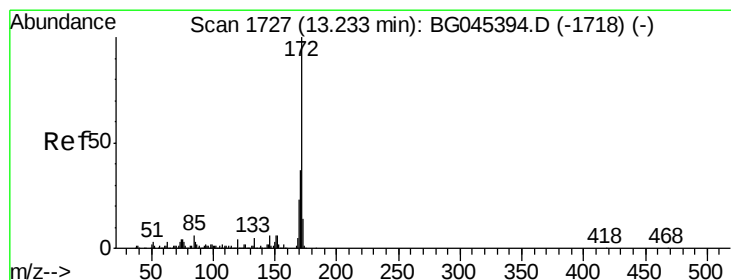
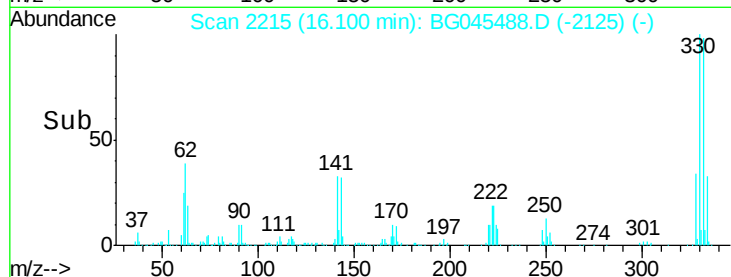
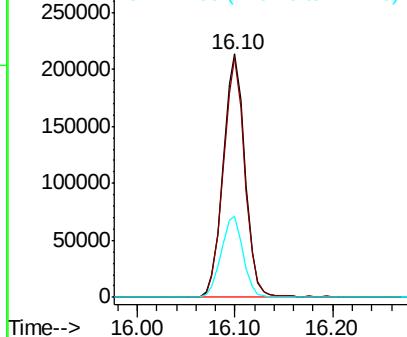
Tot Ion:	330	Resp:	330334
Ion Ratio	Lower	Upper	
330	100		
332	96.5	78.2	117.4
141	34.1	28.2	42.4

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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: 70.727 ng

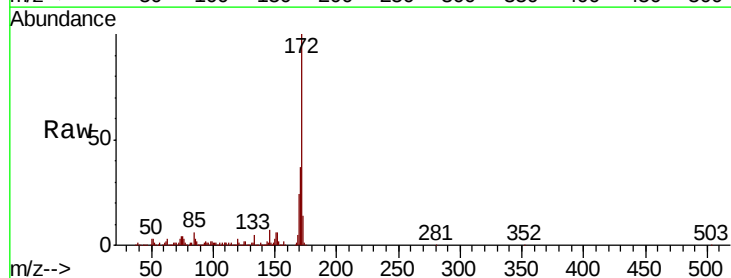
RT: 13.23 min Scan# 1726

Delta R.T. -0.00 min

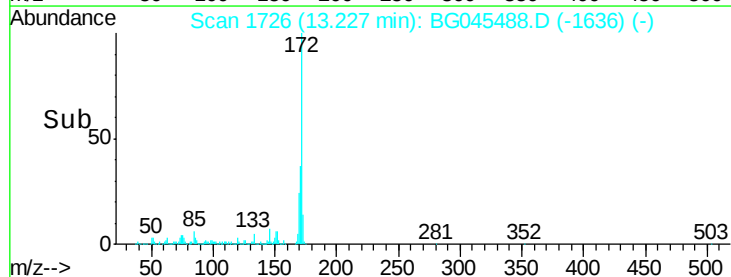
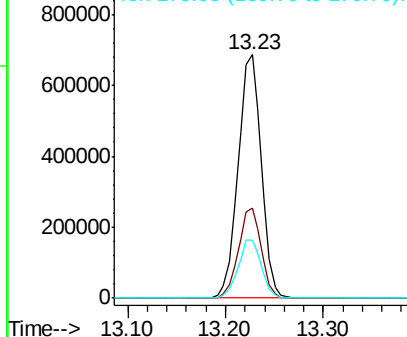
Lab File: BG045488.D

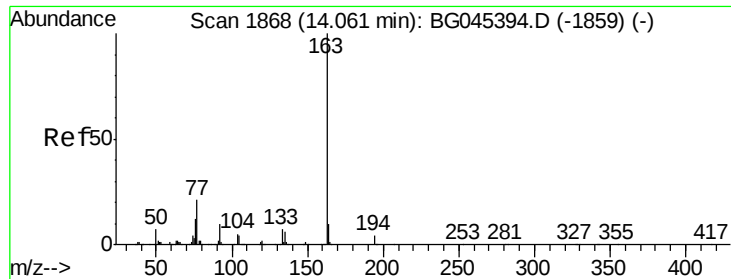
Acq: 27 May 2020 23:01

Tgt Ion:	172	Resp:	1126645
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





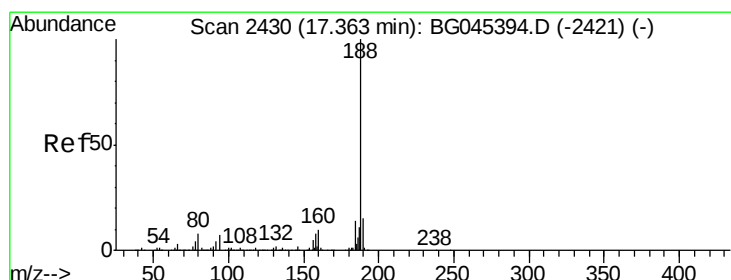
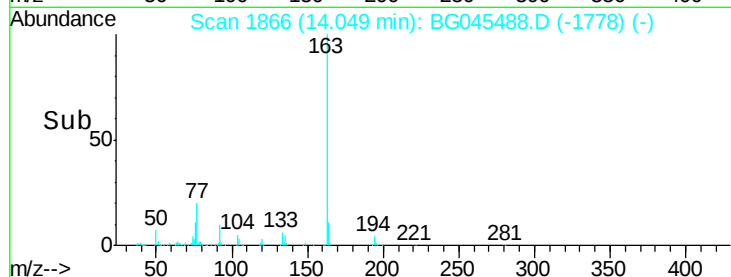
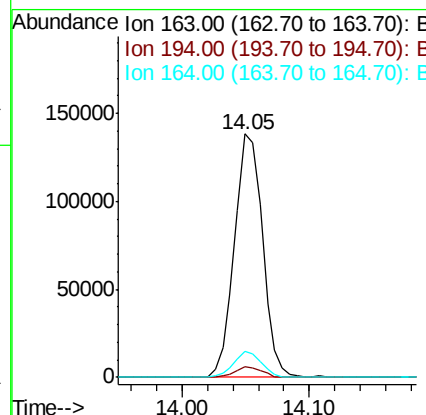
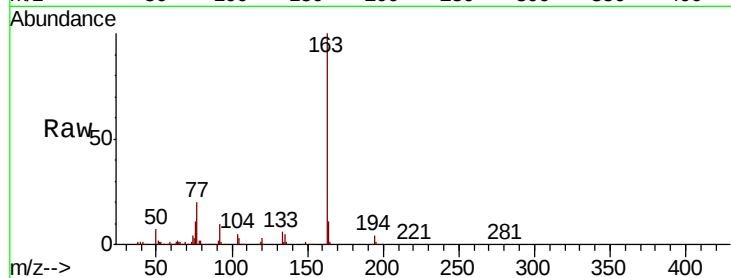
#50
Dimethylphthalate
Concen: 11.429 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Instrument :
BNA_G
ClientSampleId :
NM72-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	211834		
194	4.2		3.2	4.8
164	10.8		8.3	12.5

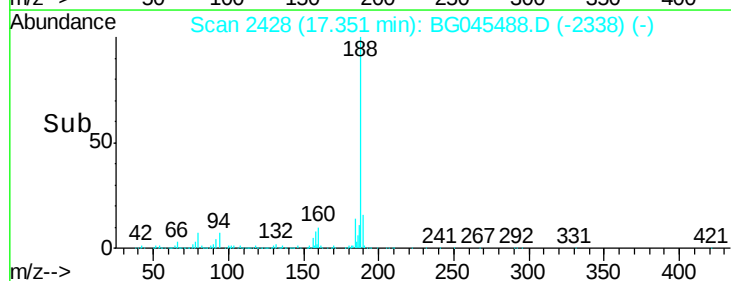
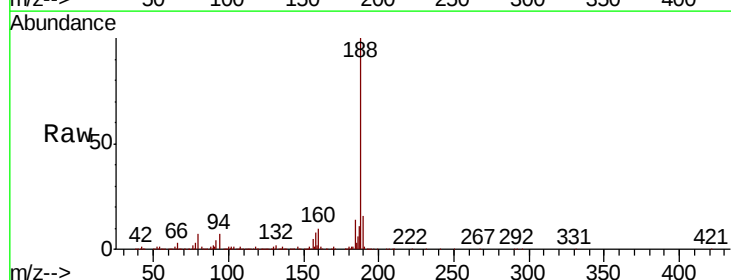
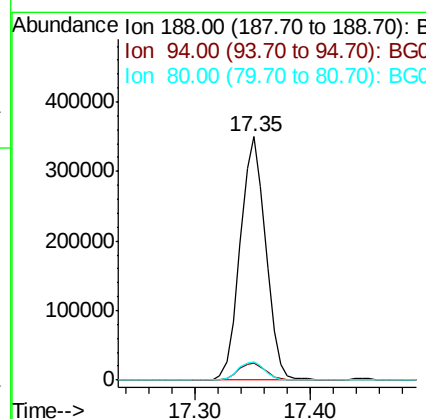
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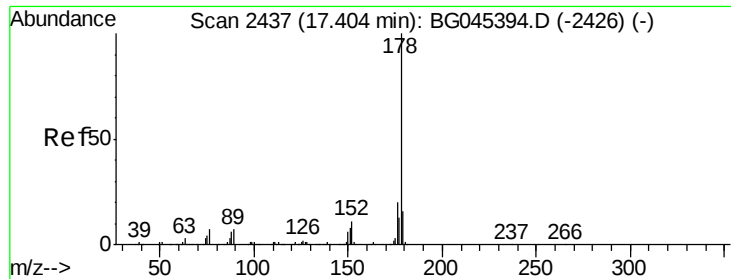
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	535789		
94	7.0		5.5	8.3
80	7.5		6.6	10.0





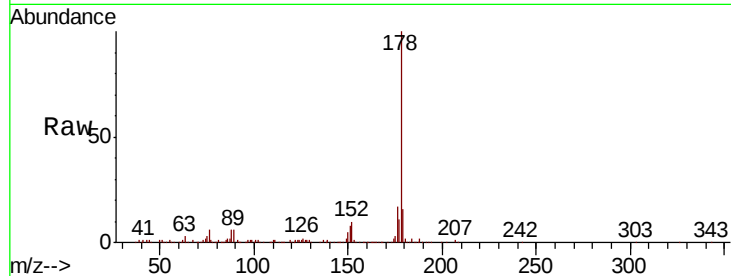
#71
Phenanthrene
Concen: 5.646 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Instrument :
BNA_G
ClientSampleId :
NM72-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.8	16.2	24.4
179	15.9	13.1	19.7

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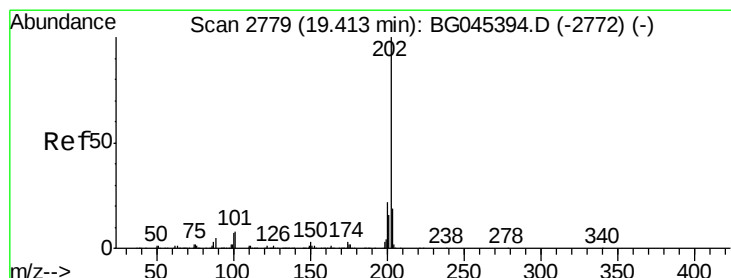
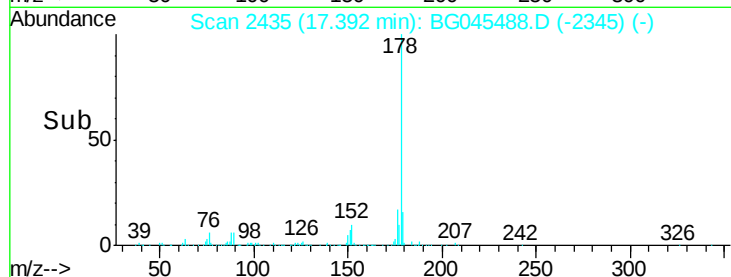
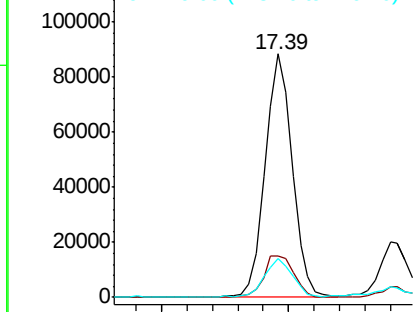


Abundance

Ion 178.00 (177.70 to 178.70): E

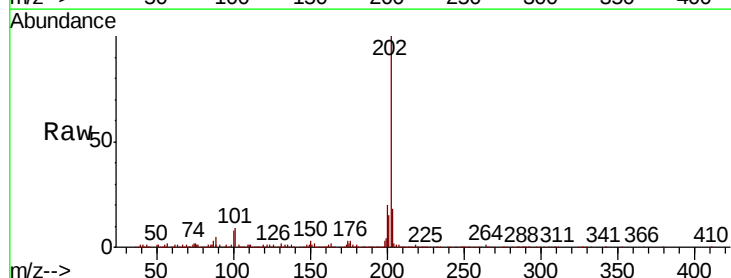
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 10.789 ng
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.3
203	17.6	0.0	39.0

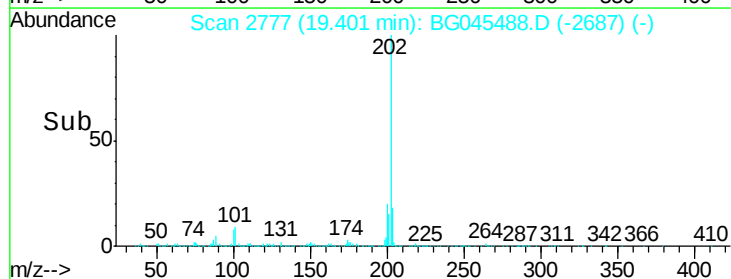
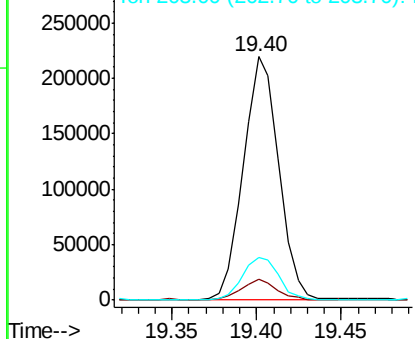


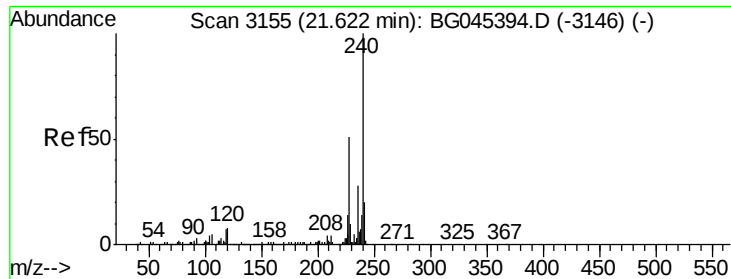
Abundance

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





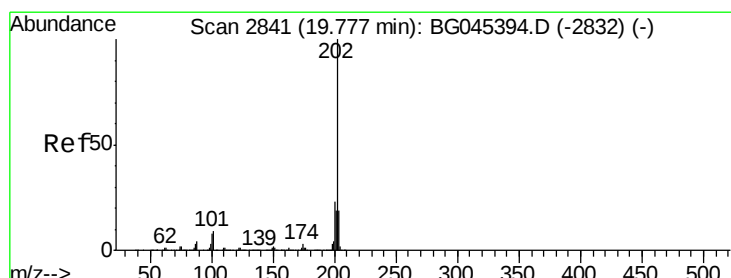
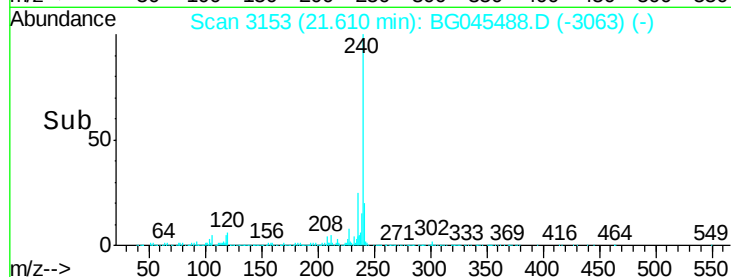
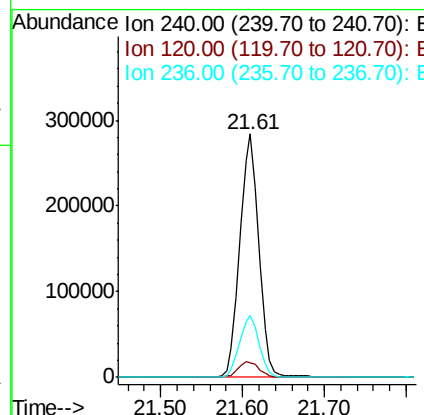
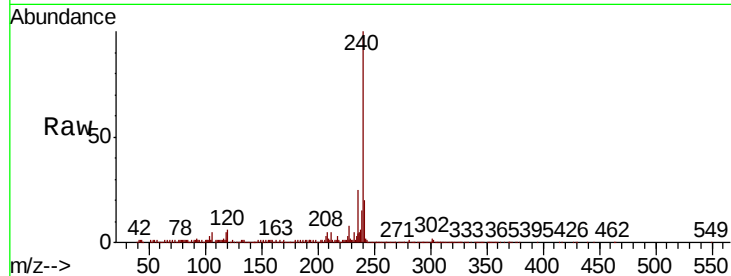
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Instrument :
BNA_G
ClientSampleId :
NM72-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.1	9.1#
236	25.4	22.3	33.5

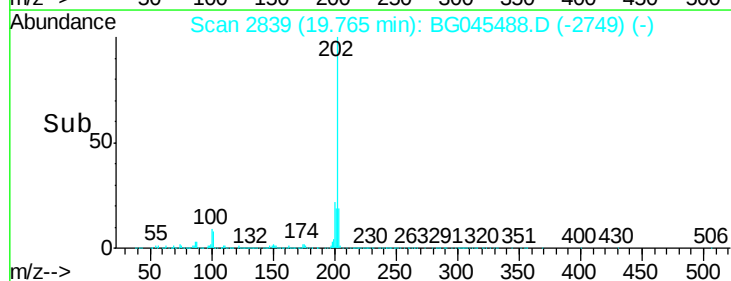
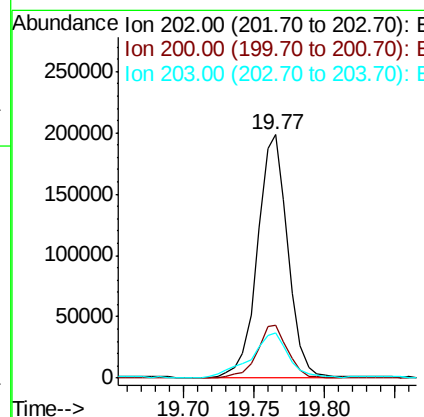
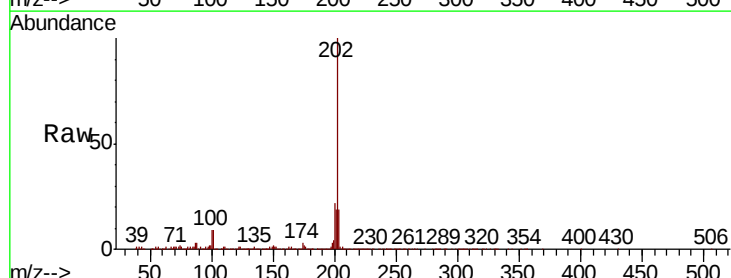
Manual Integrations
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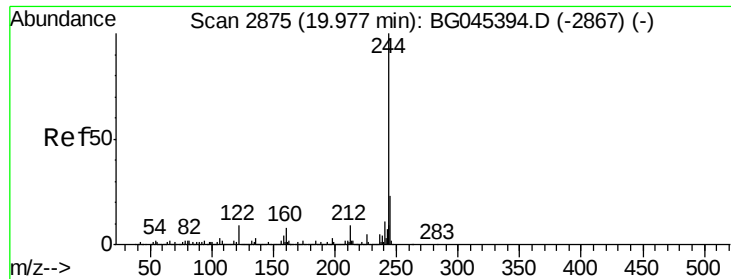
mohammad
5/29/2020 10:25:06 PM



#78
Pyrene
Concen: 11.448 ng
RT: 19.77 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.2
203	18.6	15.1	22.7





#79

Terphenyl-d14

Concen: 73.566 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

Instrument :

BNA_G

ClientSampleId :

NM72-COMP-2020-0-6

Tot Ion:244 Resp: 1448701

Ion Ratio Lower Upper

244 100

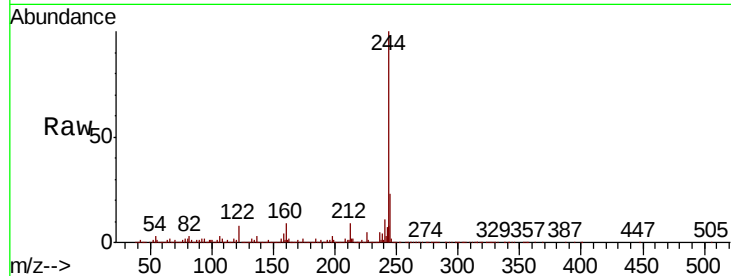
212 8.9 7.4 11.0

122 8.1 6.8 10.2

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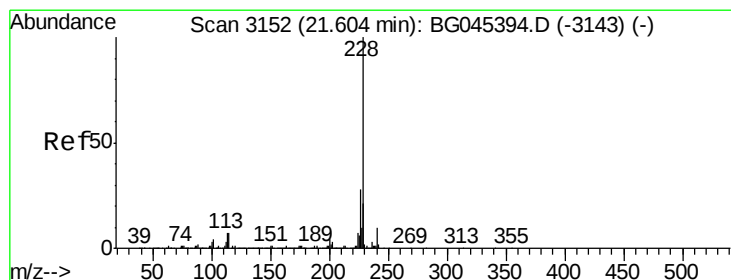
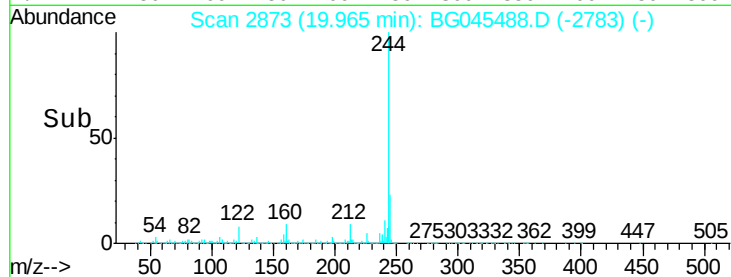
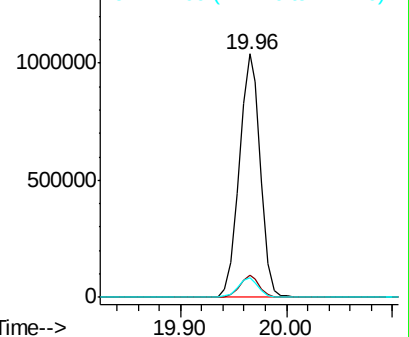
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.826 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

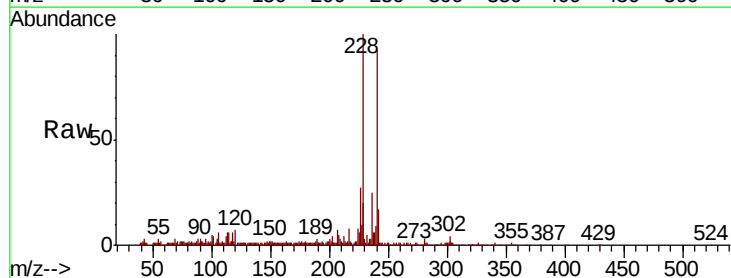
Tgt Ion:228 Resp: 174655

Ion Ratio Lower Upper

228 100

226 27.3 22.7 34.1

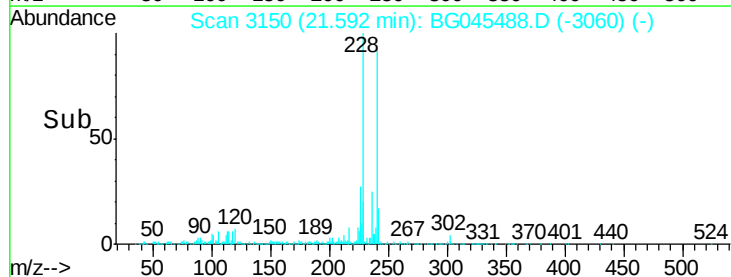
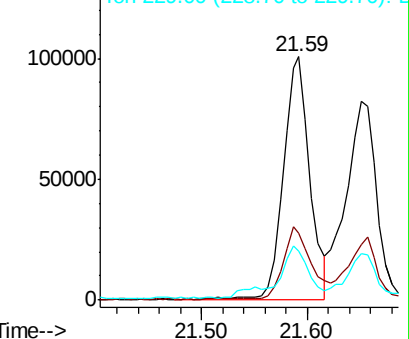
229 20.3 16.7 25.1

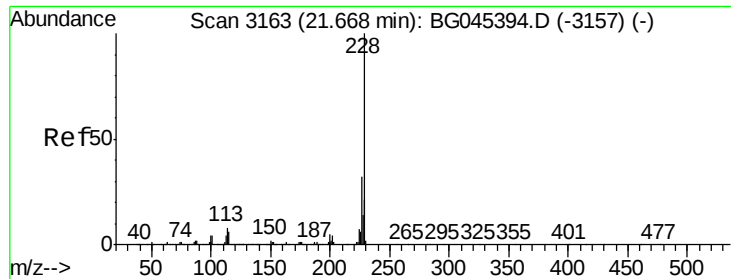


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





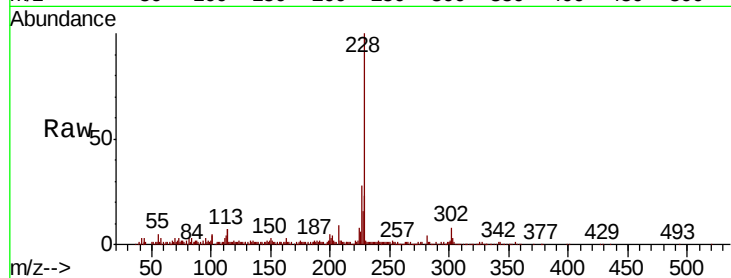
#83
Chrysene
Concen: 6.761 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Instrument :
BNA_G
ClientSampleId :
NM72-COMP-2020-0-6

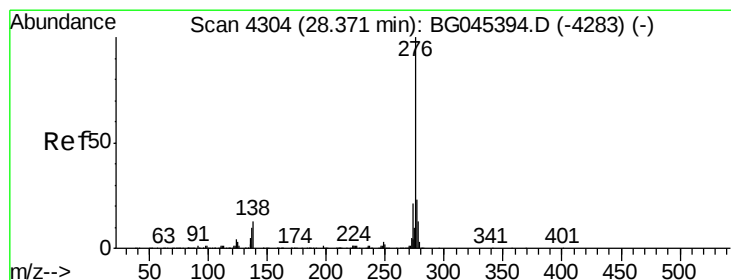
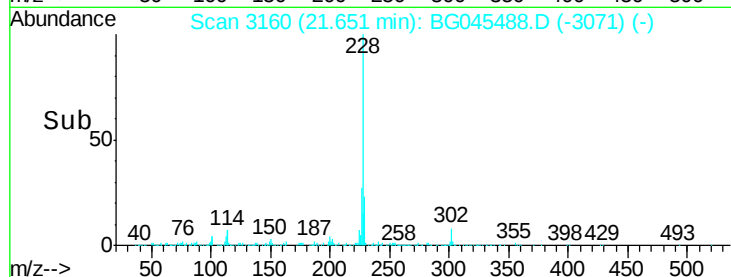
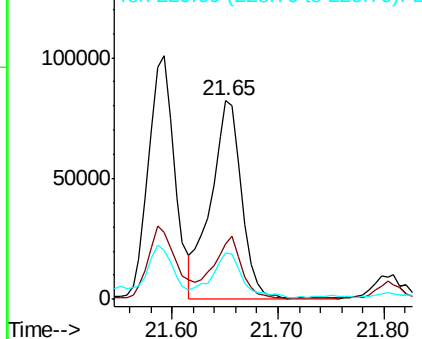
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.1	25.2	37.8		
229	23.3	16.7	25.1		

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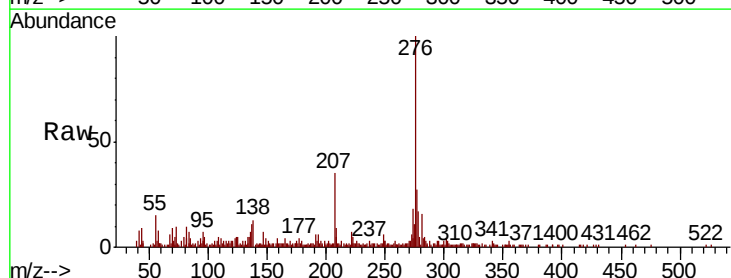


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

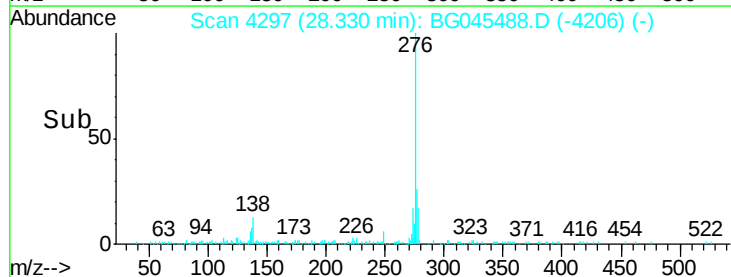
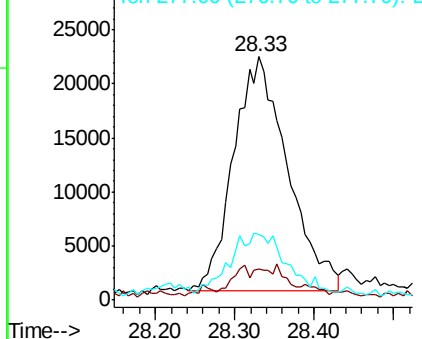


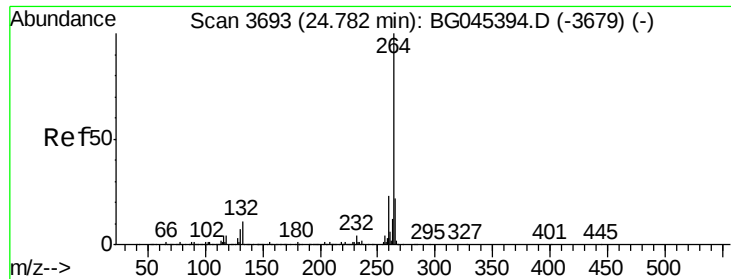
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.177 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.01 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	0.0	8.6	12.8#		
277	0.0	20.2	30.4#		



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





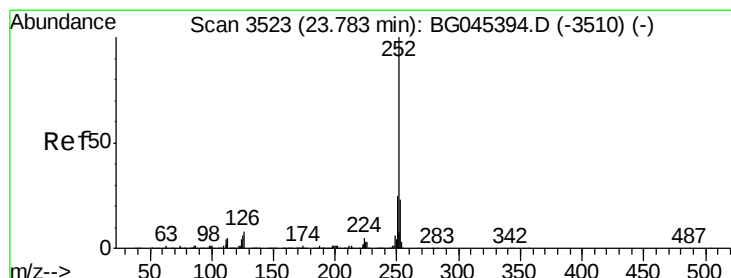
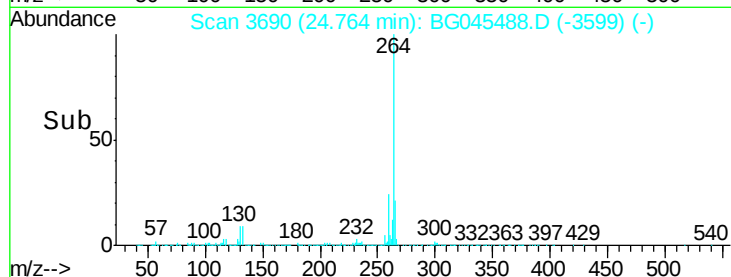
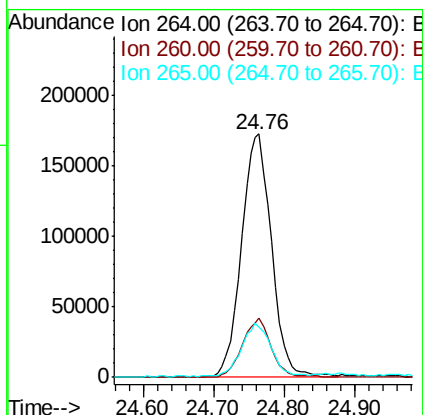
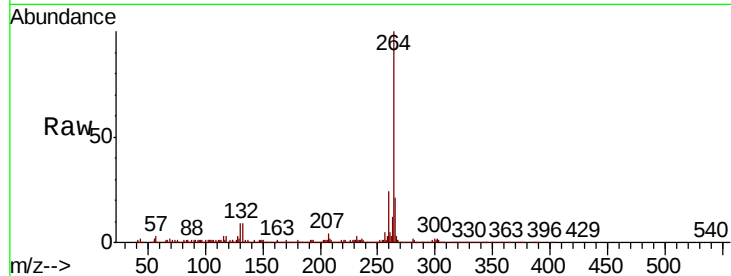
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Instrument :
BNA_G
ClientSampleId :
NM72-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	20.9	17.6	26.4

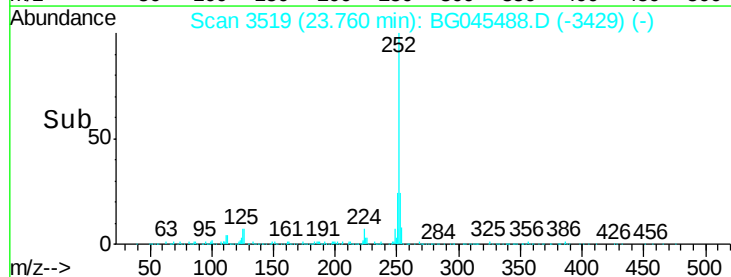
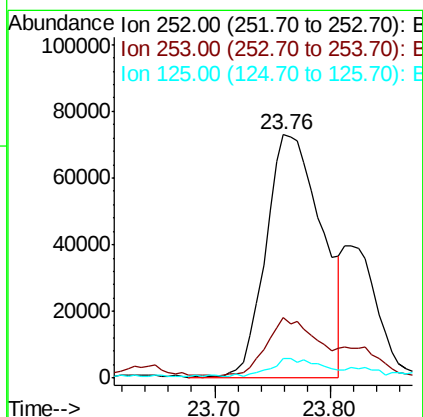
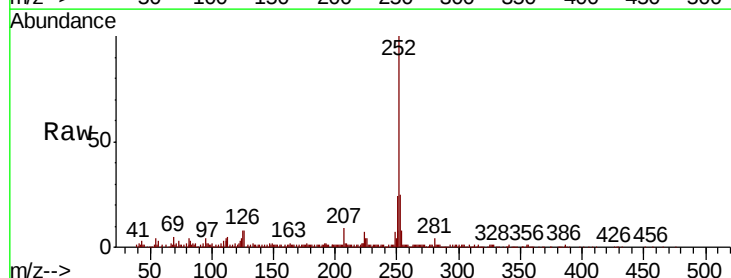
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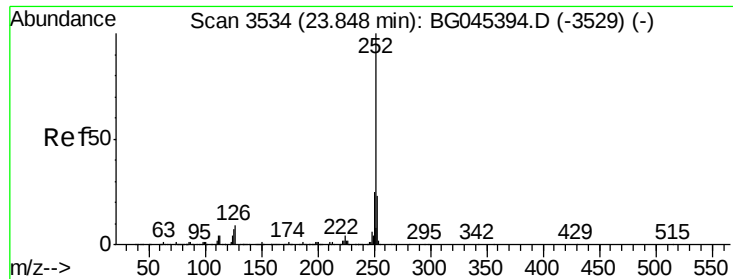
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#88
Benzo(b)fluoranthene
Concen: 8.960 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG045488.D
Acq: 27 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	8.3	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 3.180 ng/mL

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

Instrument :

BNA_G

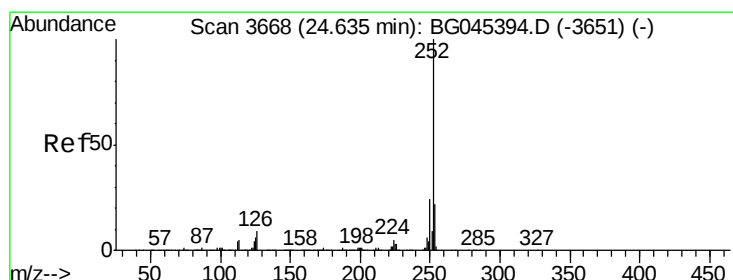
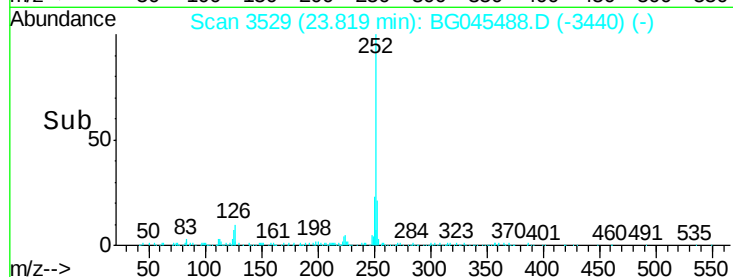
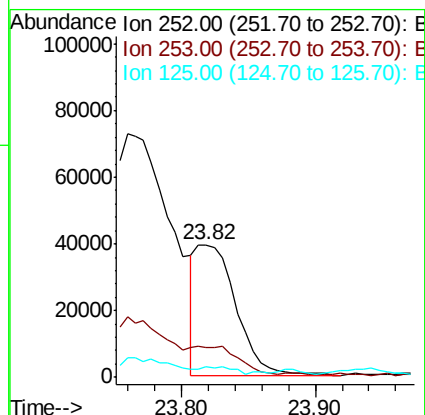
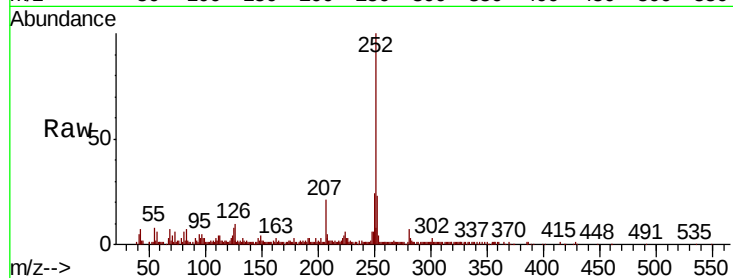
ClientSampleId :

NM72-COMP-2020-0-6

Tot Ion:252	Resp:	81305
Ion Ratio	Lower	Upper
252 100		
253 22.7	18.4	27.6
125 8.0	5.7	8.5

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#90

Benzo(a)pyrene

Concen: 6.955 ng/mL

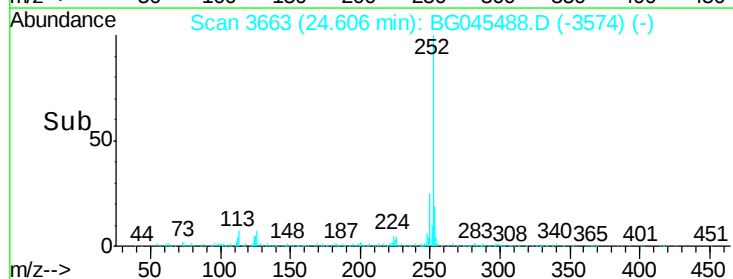
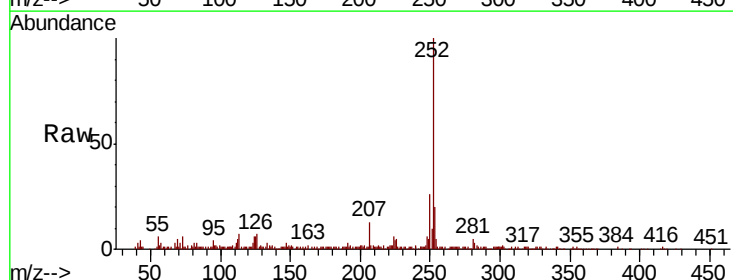
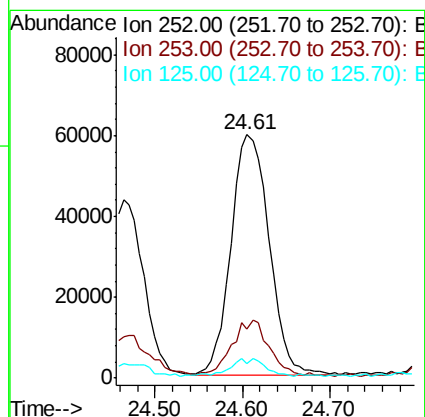
RT: 24.61 min Scan# 3663

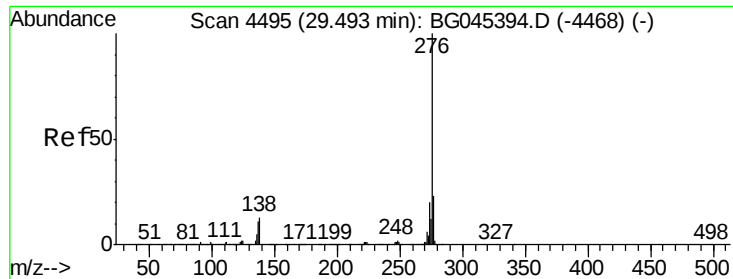
Delta R.T. -0.01 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

Tgt Ion:252	Resp:	176285
Ion Ratio	Lower	Upper
252 100		
253 20.0	17.2	25.8
125 6.2	5.0	7.6





#92

Benzo(a,h,i)perylene

Concen: 3.775 ng

RT: 29.45 min Scan# 4487

Delta R.T. -0.00 min

Lab File: BG045488.D

Acq: 27 May 2020 23:01

Instrument :

BNA_G

ClientSampleId :

NM72-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	25.1	18.1	27.1		
138	16.8	10.2	15.4		

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