

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045490.D
 Acq On : 28 May 2020 00:23
 Operator : CG/JU
 Sample : L2745-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM36-COMP-2020-0-6

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Quant Time: May 28 02:24:24 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	109896	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	444299	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	299315	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	600546	20.00	ng	0.00
76) Chrysene-d12	21.61	240	525448	20.00	ng	0.00
87) Perylene-d12	24.76	264	565285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	437699	77.84	ng	0.00
7) Phenol-d6	7.18	99	707096	88.35	ng	0.00
23) Nitrobenzene-d5	9.12	82	505850	62.09	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	335997	87.78	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1166436	66.10	ng	0.00
79) Terphenyl-d14	19.96	244	1524545	67.67	ng	0.00

Target Compounds

						Qvalue
50) Dimethylphthalate	14.05	163	162464	7.912	ng	98
71) Phenanthrene	17.39	178	111874	4.267	ng	96
75) Fluoranthene	19.40	202	300838	9.022	ng	96
78) Pyrene	19.76	202	275522	9.199	ng	98
81) Benzo(a)anthracene	21.59	228	163429	5.583	ng	98
83) Chrysene	21.66	228	145219	5.160	ng	97
86) Indeno(1,2,3-cd)pyrene	28.34	276	99641	2.707	ng	# 95
88) Benzo(b)fluoranthene	23.77	252	220141	7.261	ng	# 98
89) Benzo(k)fluoranthene	23.82	252	78324m	2.750	ng	
90) Benzo(a)pyrene	24.61	252	158434	5.611	ng	95
92) Benzo(g,h,i)perylene	29.45	276	83802	2.953	ng	97

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

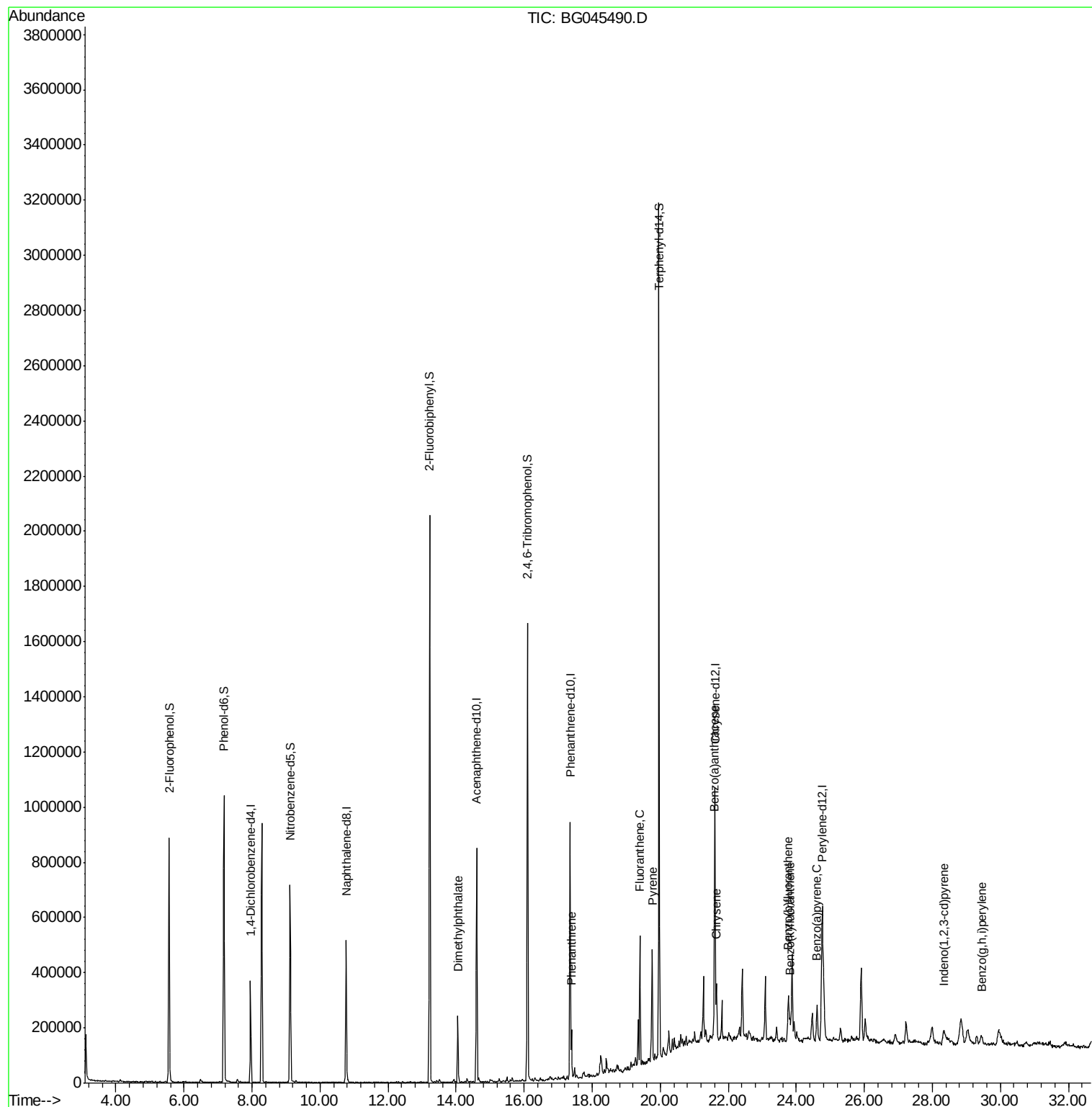
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045490.D
Acq On : 28 May 2020 00:23
Operator : CG/JU
Sample : L2745-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

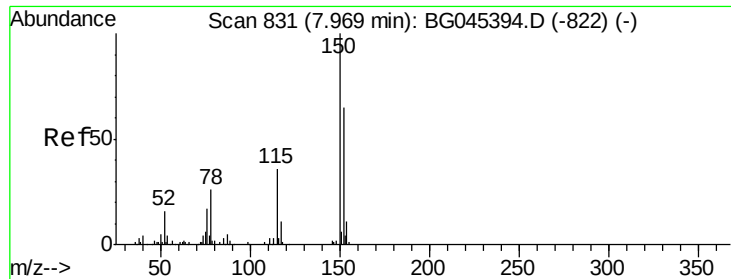
Instrument :
BNA_G
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Quant Time: May 28 02:24:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

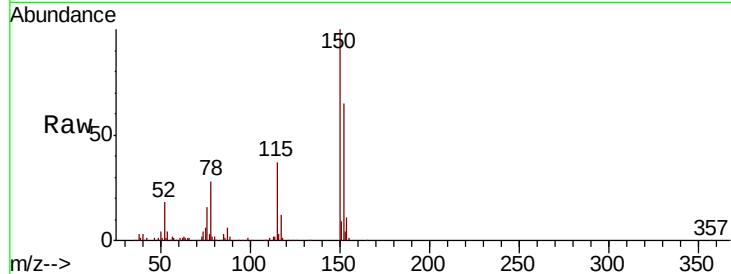
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

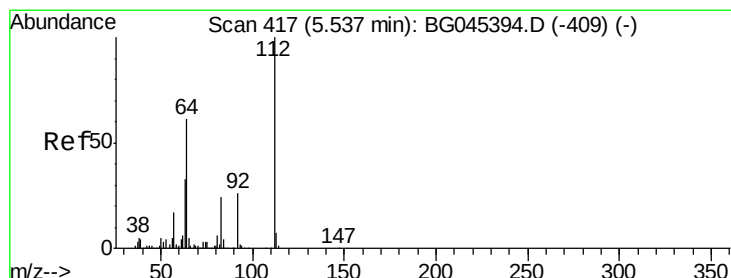
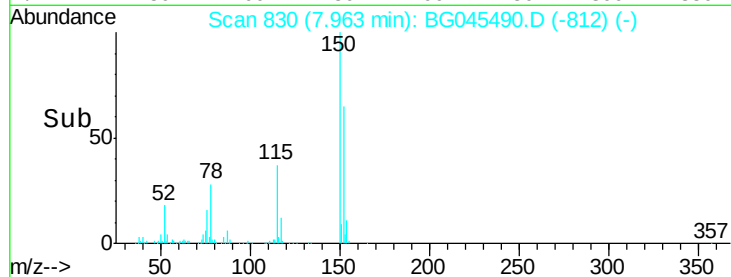
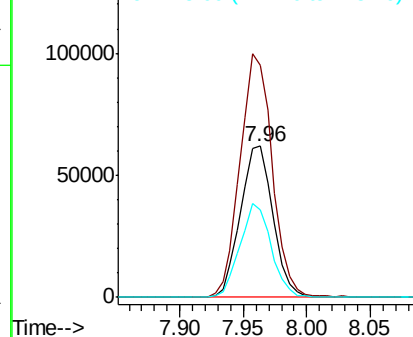
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.4	183.6
115	57.7	44.2	66.4

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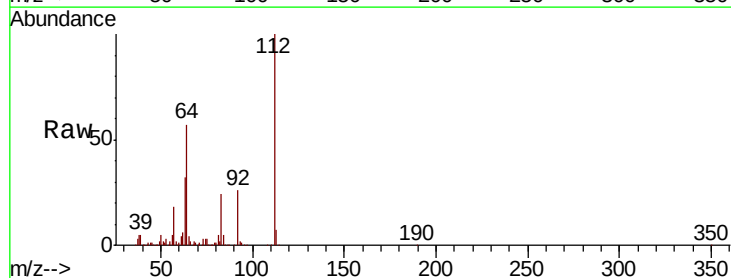
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



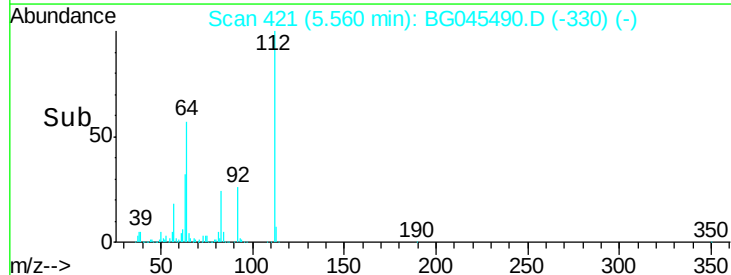
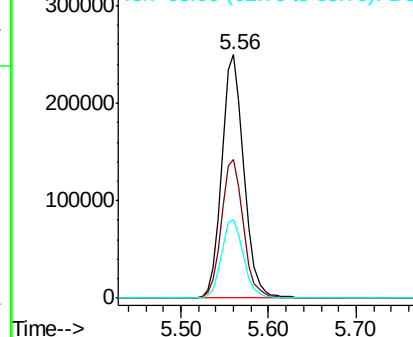
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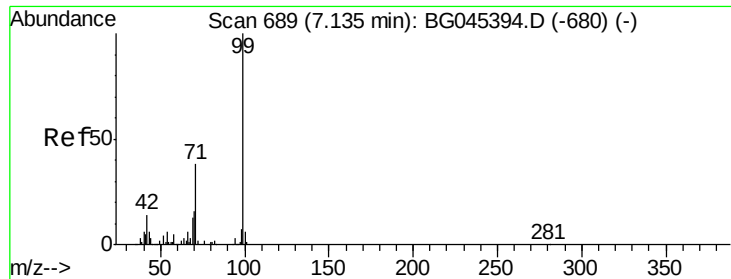
2-Fluorophenol
Concen: 77.837 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.6	72.8
63	32.5	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.347 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045490.D

Acq: 28 May 2020 00:23

Instrument :

BNA_G

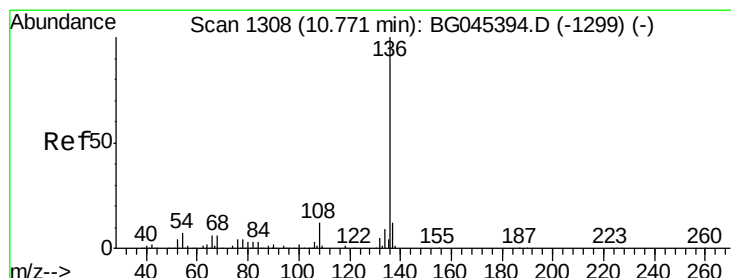
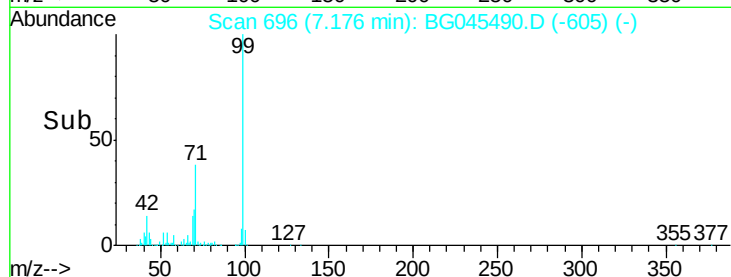
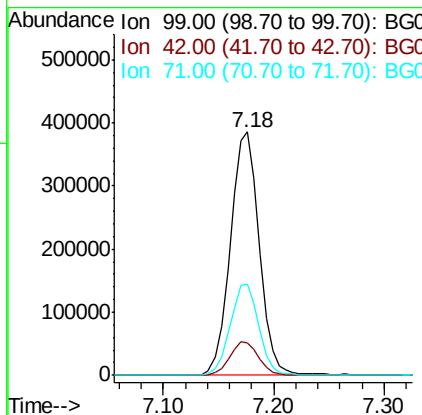
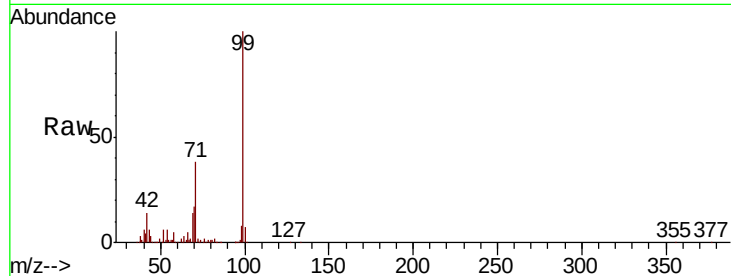
ClientSampleId :

NM36-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		707096		
42	13.6	11.3	16.9		
71	37.6	30.8	46.2		

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#21

Naphthalene-d8

Concen: 20.000 ng

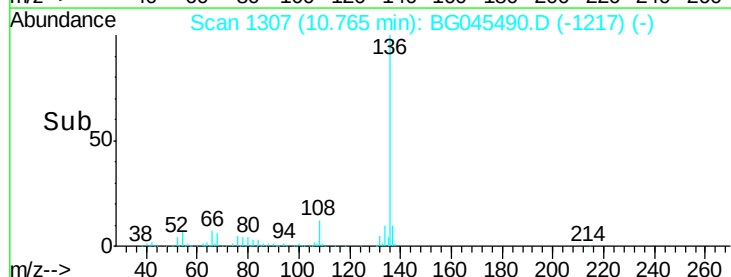
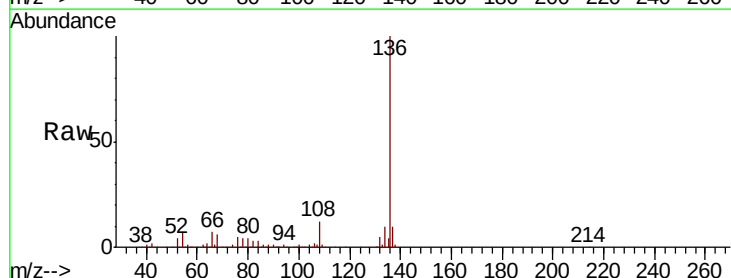
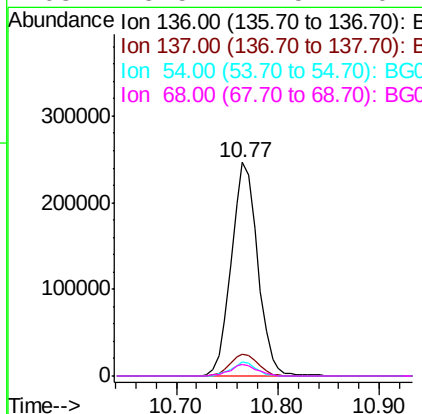
RT: 10.77 min Scan# 1307

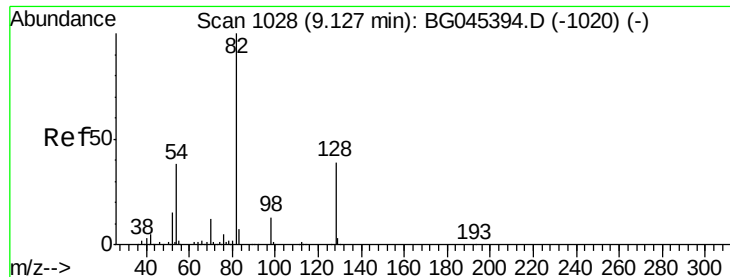
Delta R.T. -0.00 min

Lab File: BG045490.D

Acq: 28 May 2020 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		444299		
137	10.3	9.4	14.2		
54	6.7	5.8	8.6		
68	5.5	4.5	6.7		





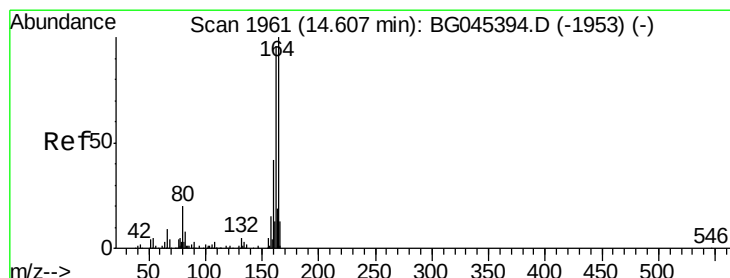
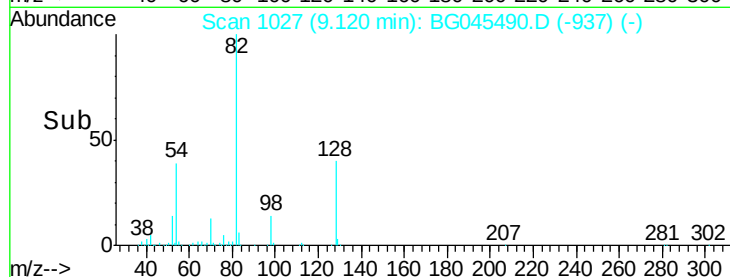
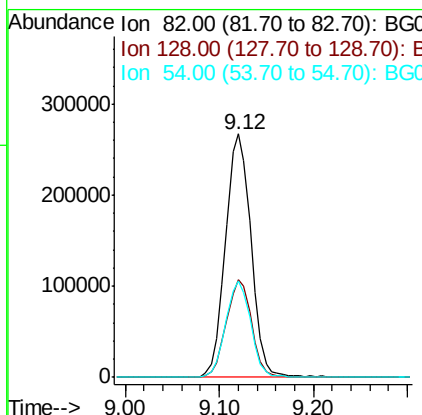
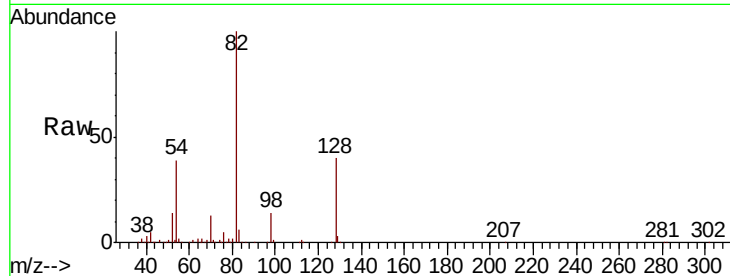
#23
 Nitrobenzene-d5
 Concen: 62.086 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045490.D
 Acq: 28 May 2020 00:23

Instrument :
 BNA_G
 ClientSampleId :
 NM36-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.0	30.9	46.3	
54	39.5	30.3	45.5	

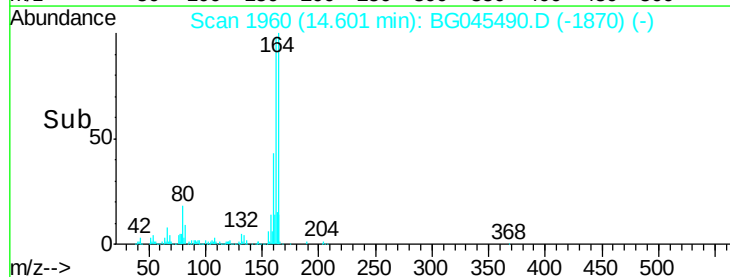
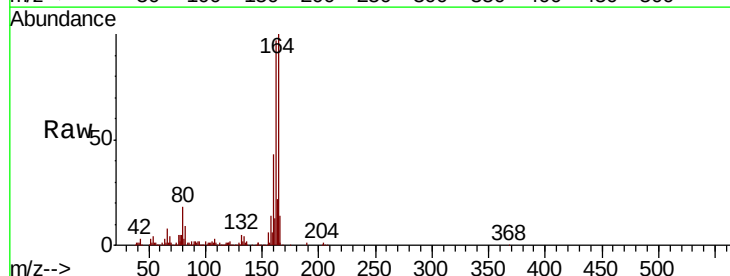
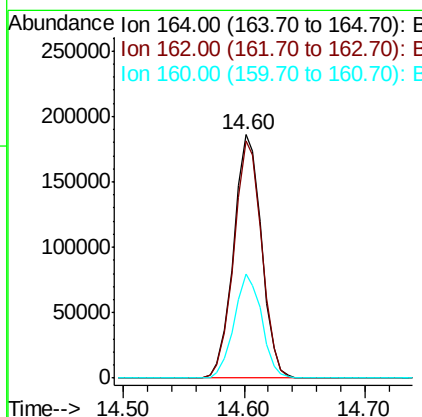
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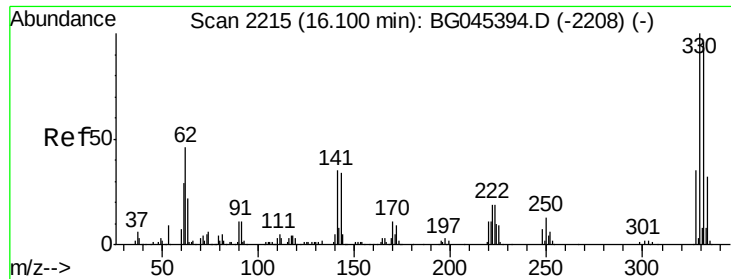
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045490.D
 Acq: 28 May 2020 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.5	76.9	115.3	
160	42.8	33.8	50.8	





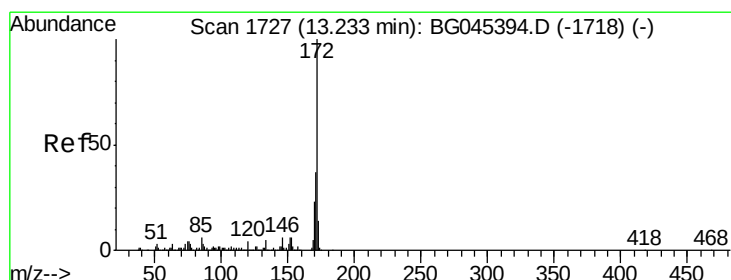
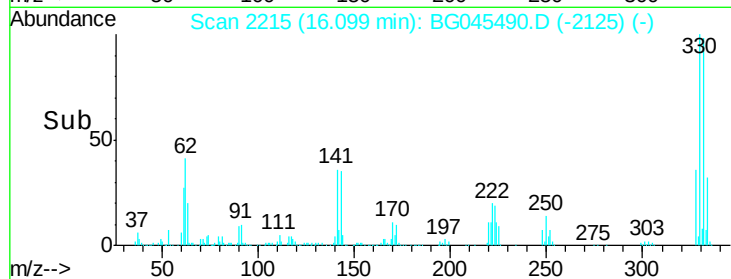
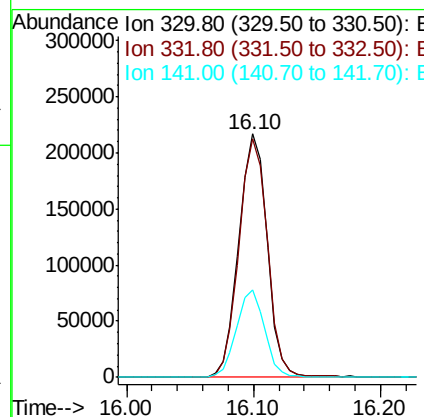
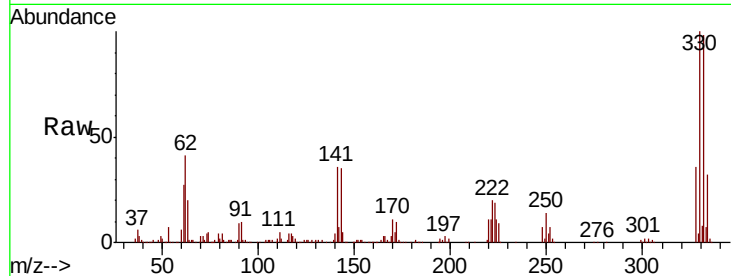
#42
 2,4,6-Tribromophenol
 Concen: 87.776 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045490.D
 Acq: 28 May 2020 00:23

Instrument :
 BNA_G
 ClientSampleId :
 NM36-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6	78.2	117.4	
141	35.2	28.2	42.4	

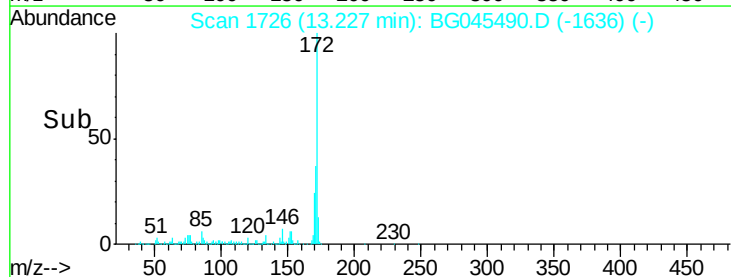
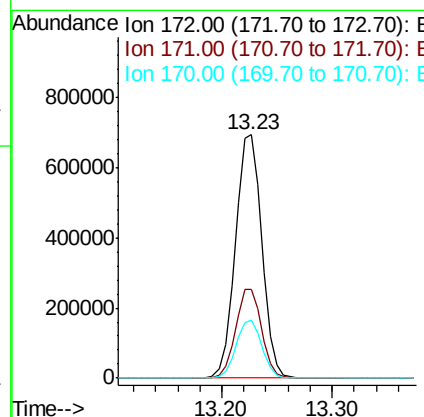
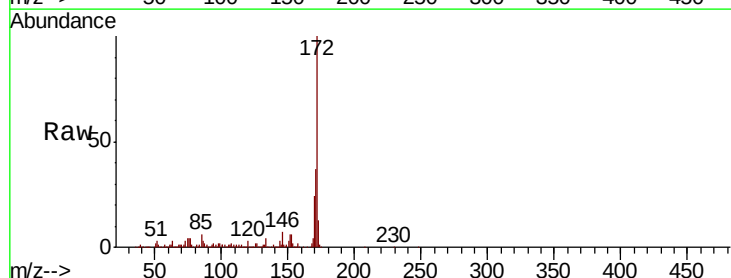
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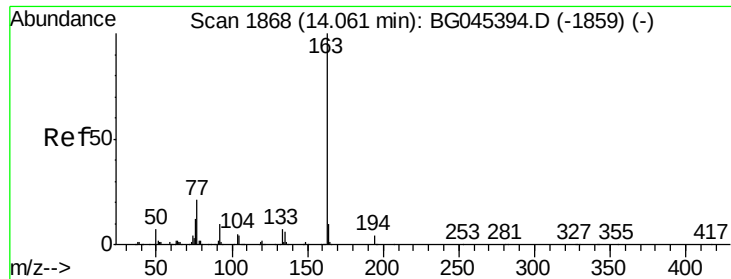
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#45
 2-Fluorobiphenyl
 Concen: 66.101 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045490.D
 Acq: 28 May 2020 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.5	44.3	
170	23.9	18.5	27.7	





#50

Dimethylphthalate

Concen: 7.912 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045490.D

Acq: 28 May 2020 00:23

Instrument :

BNA_G

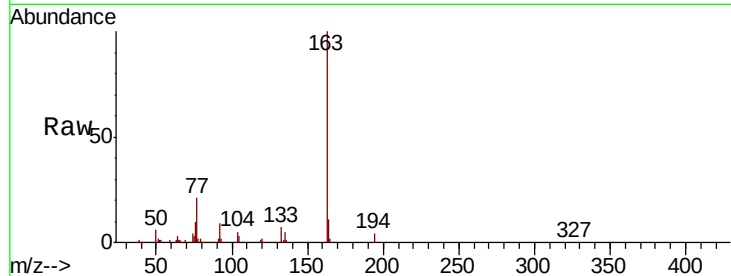
ClientSampleId :

NM36-COMP-2020-0-6

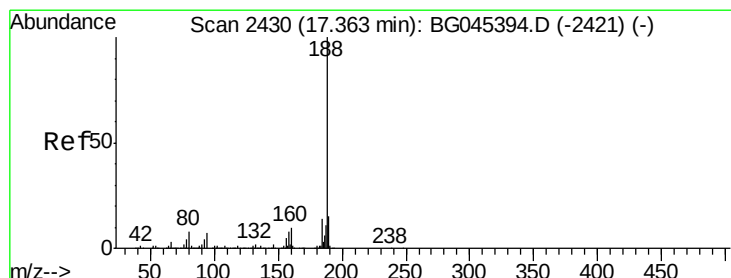
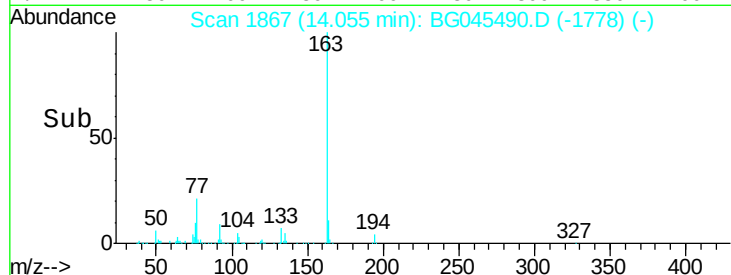
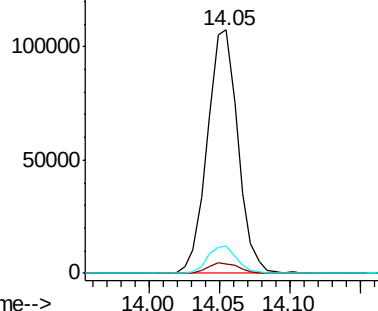
Tot Ion:	163	Resp:	162464
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	11.2	8.3	12.5

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

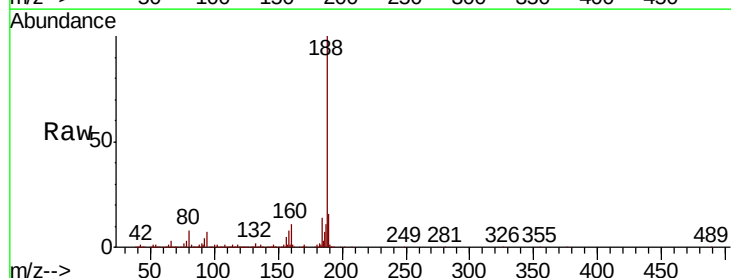
RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

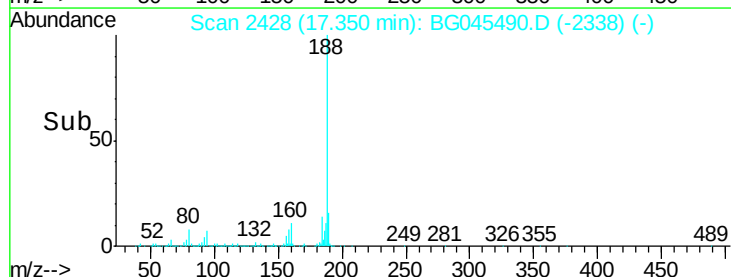
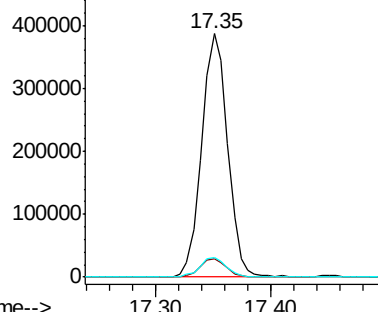
Lab File: BG045490.D

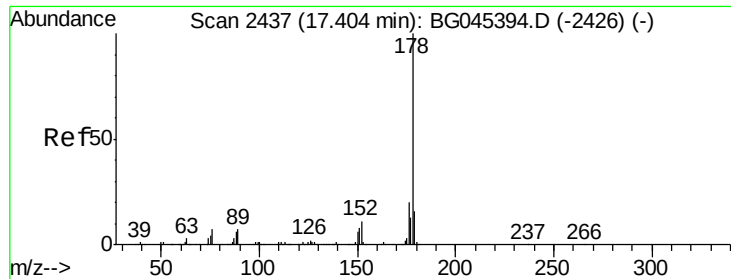
Acq: 28 May 2020 00:23

Tgt Ion:	188	Resp:	600546
Ion Ratio	Lower	Upper	
188	100		
94	7.4	5.5	8.3
80	7.9	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





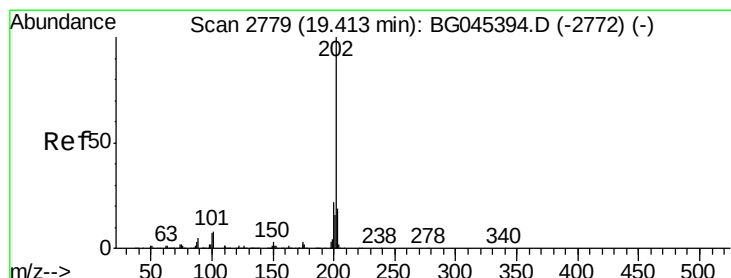
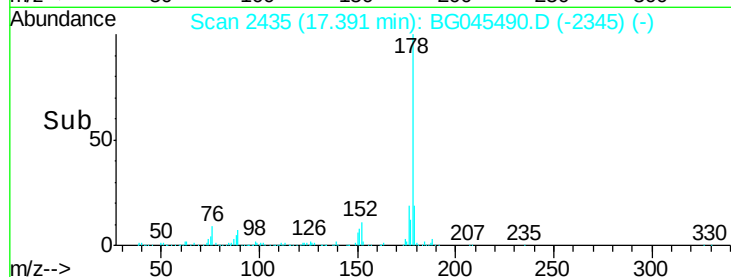
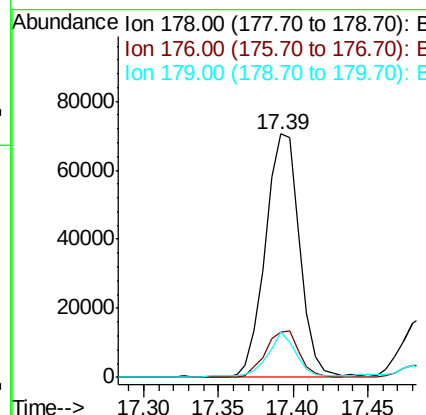
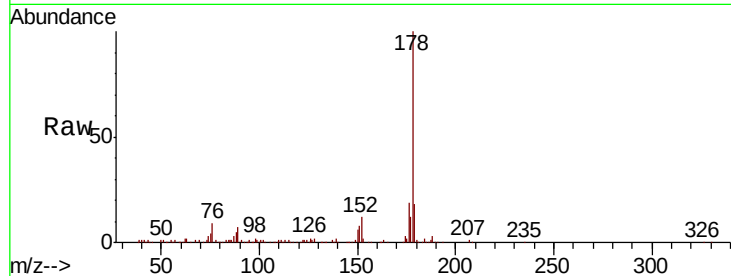
#71
Phenanthrene
Concen: 4.267 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	18.4	13.1	19.7

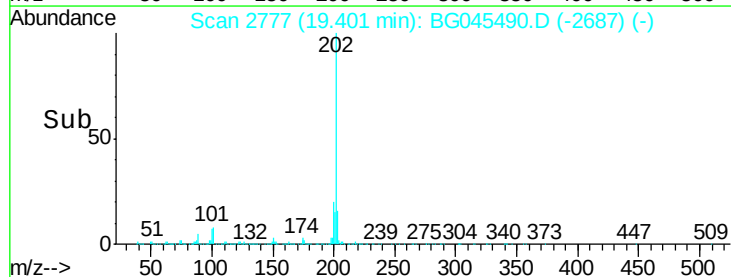
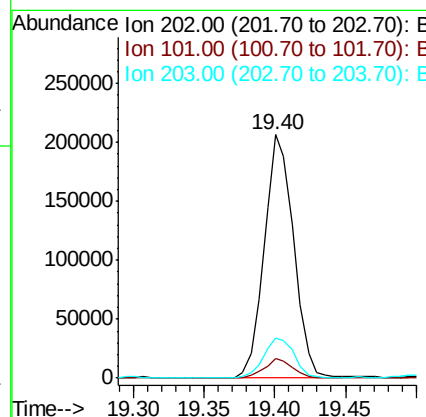
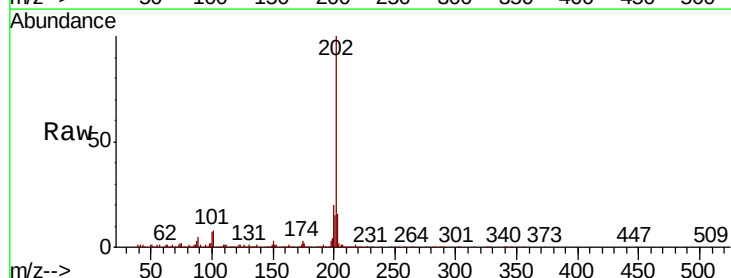
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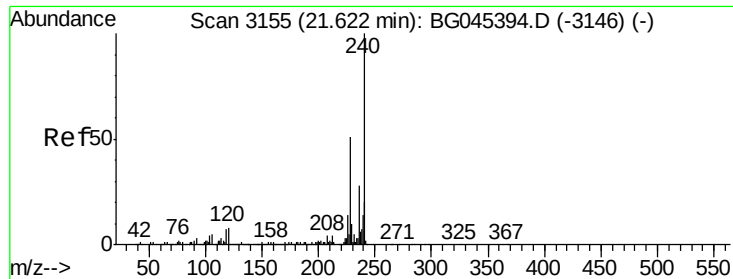
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#75
Fluoranthene
Concen: 9.022 ng
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.3
203	16.3	0.0	39.0





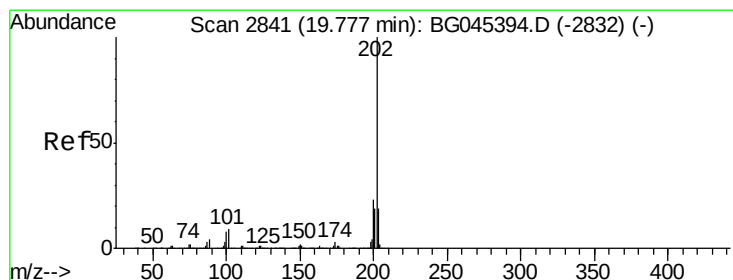
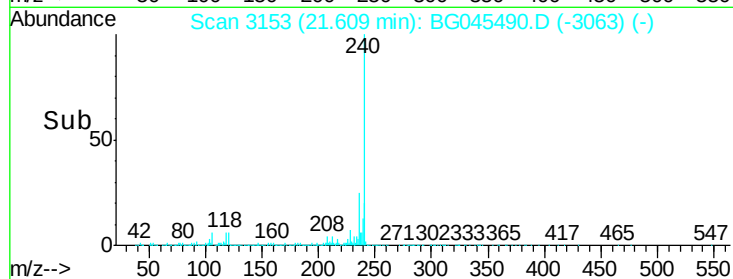
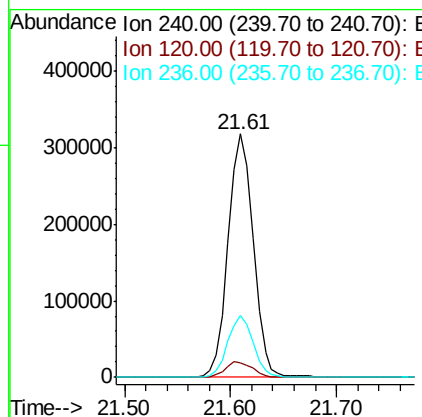
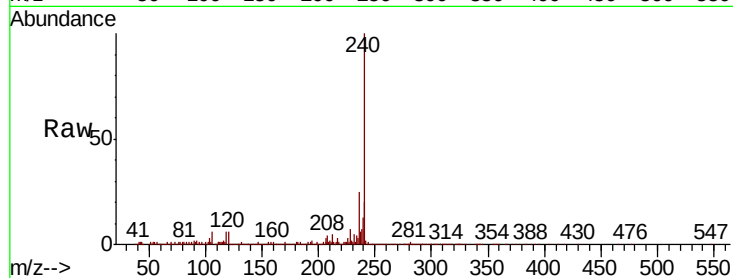
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.1	9.1
236	25.3	22.3	33.5

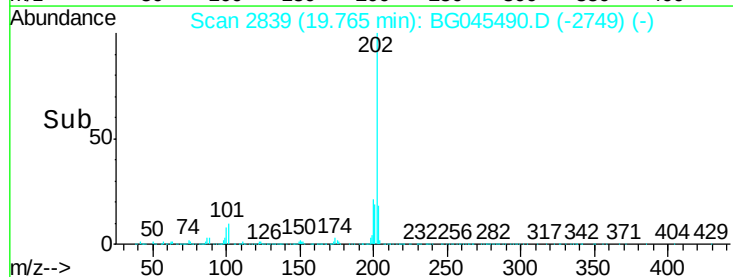
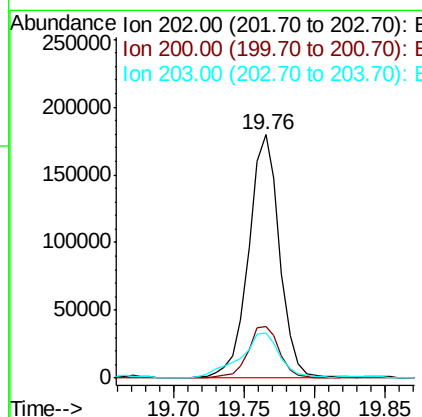
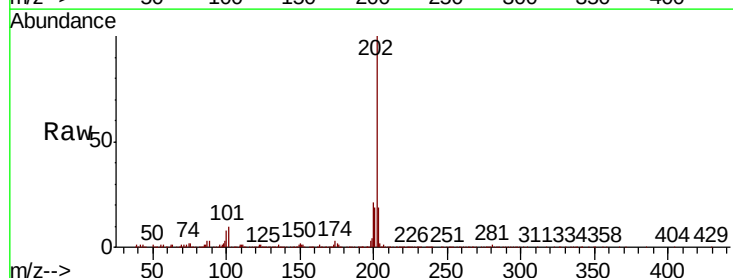
Manual Integrations
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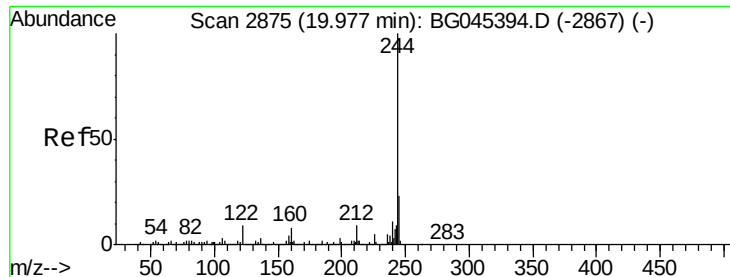
mohammad
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#78
Pyrene
Concen: 9.199 ng
RT: 19.76 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.2
203	18.7	15.1	22.7





#79

Terphenyl-d14

Concen: 67.670 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045490.D

Acq: 28 May 2020 00:23

Instrument :

BNA_G

ClientSampleId :

NM36-COMP-2020-0-6

Tot Ion:244 Resp: 1524545

Ion Ratio Lower Upper

244 100

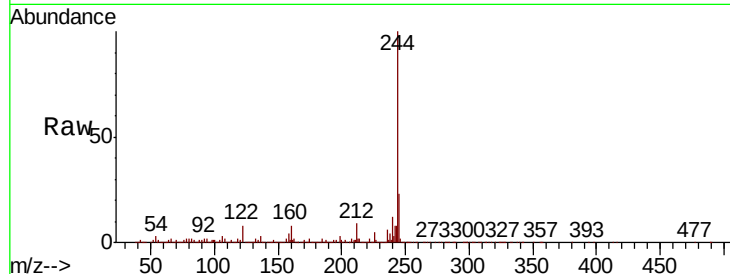
212 9.3 7.4 11.0

122 8.4 6.8 10.2

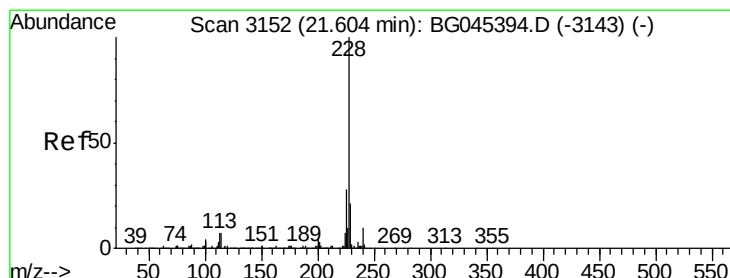
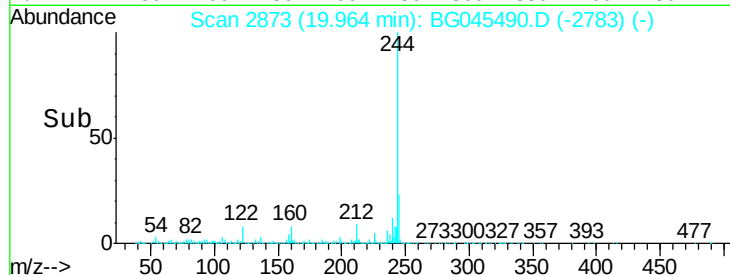
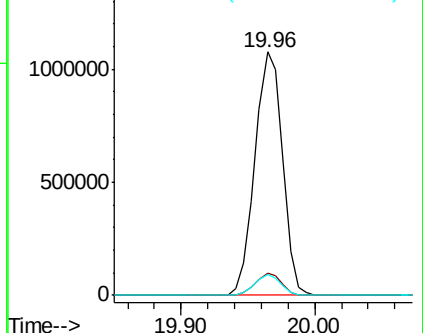
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.583 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045490.D

Acq: 28 May 2020 00:23

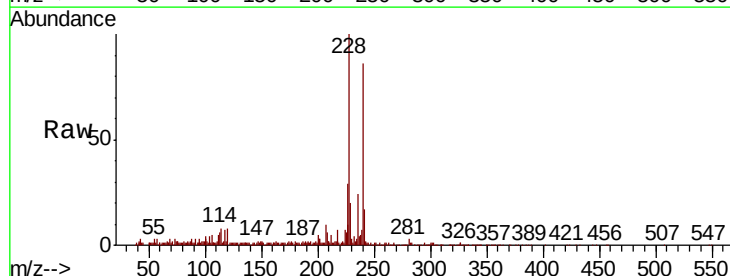
Tgt Ion:228 Resp: 163429

Ion Ratio Lower Upper

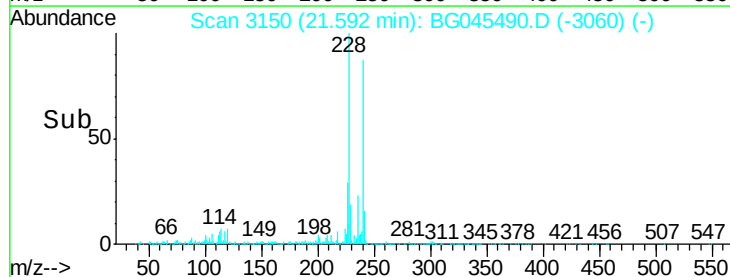
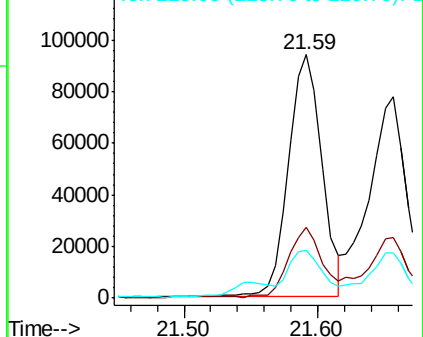
228 100

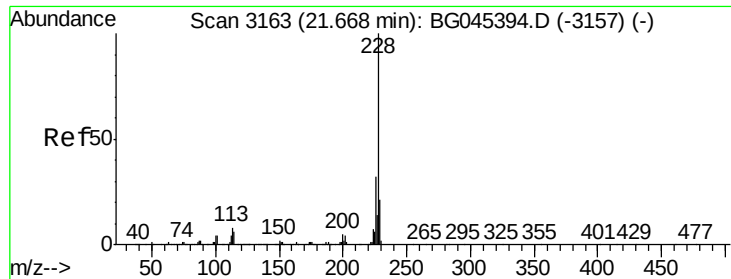
226 28.9 22.7 34.1

229 19.6 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: 5.160 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045490.D

Acq: 28 May 2020 00:23

Instrument :

BNA_G

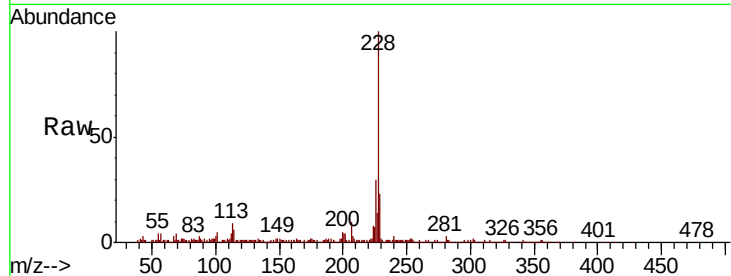
ClientSampleId :

NM36-COMP-2020-0-6

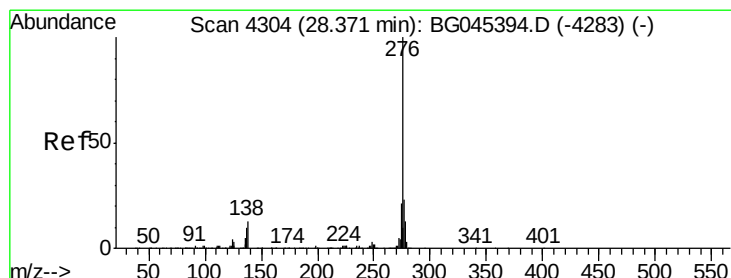
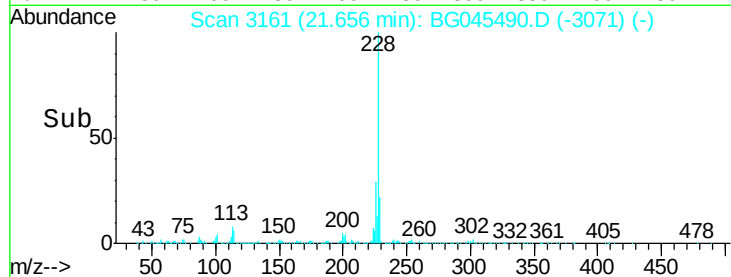
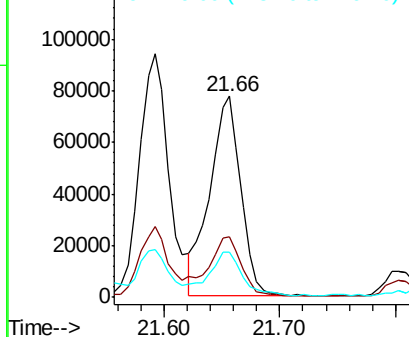
Tot Ion:	228	Resp:	145219
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.2	37.8
229	22.6	16.7	25.1

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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: 2.707 ng

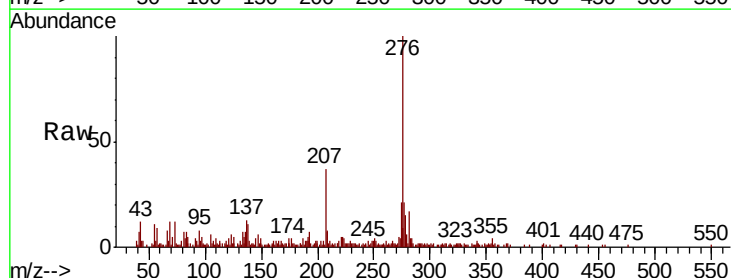
RT: 28.34 min Scan# 4299

Delta R.T. 0.02 min

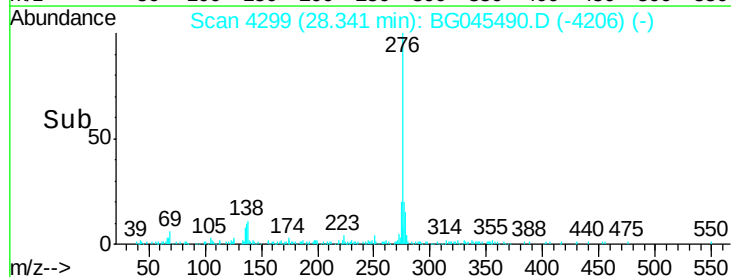
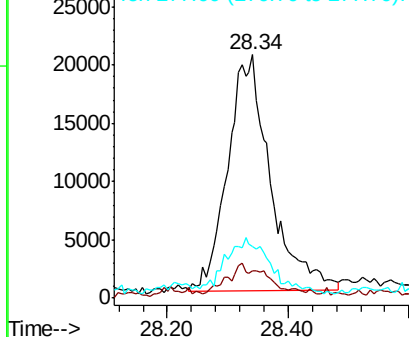
Lab File: BG045490.D

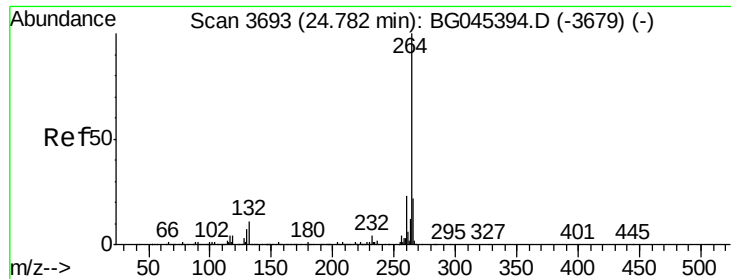
Acq: 28 May 2020 00:23

Tgt Ion:	276	Resp:	99641
Ion Ratio	Lower	Upper	
276	100		
138	6.2	8.6	12.8#
277	24.4	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: BG045490.D

Acq: 28 May 2020 00:23

Instrument :

BNA_G

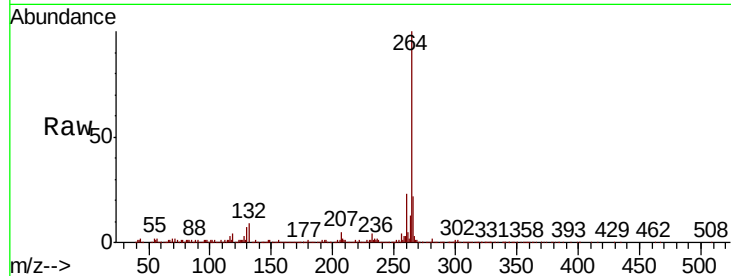
ClientSampleId :

NM36-COMP-2020-0-6

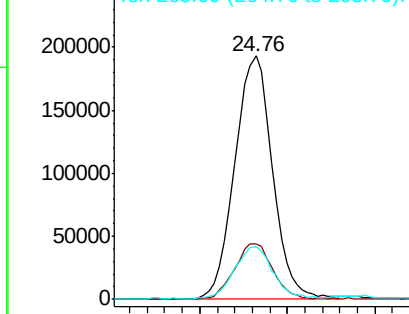
Tot Ion:	264	Resp:	565285
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.4
265	21.7	17.6	26.4

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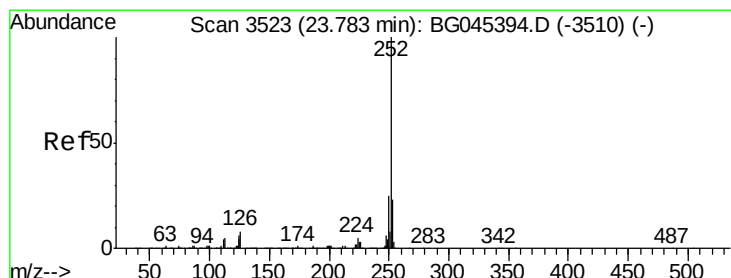
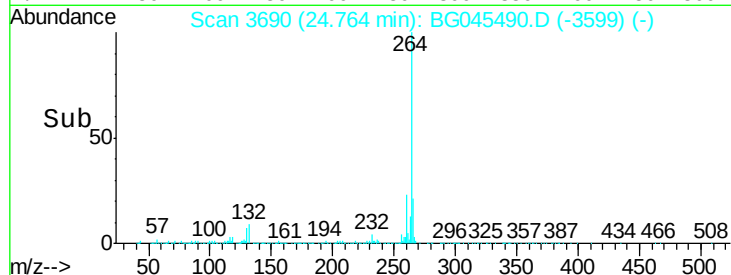
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 7.261 ng

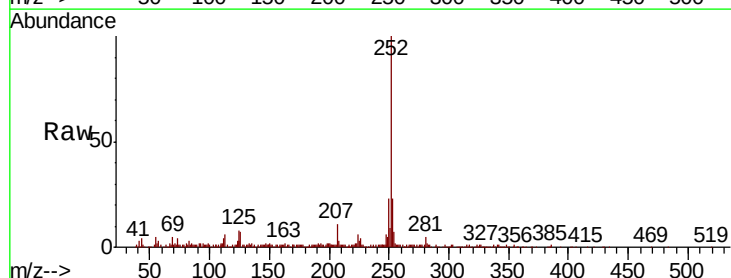
RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

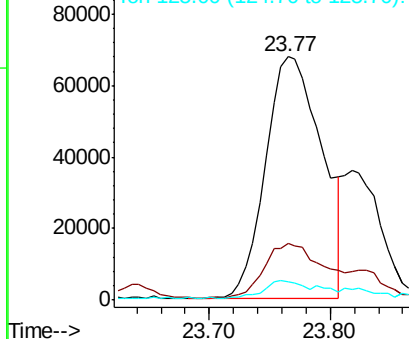
Lab File: BG045490.D

Acq: 28 May 2020 00:23

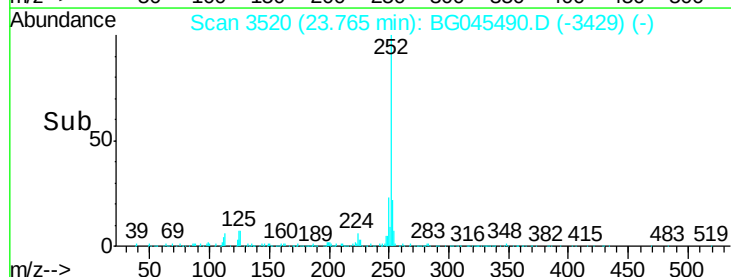
Tgt Ion:	252	Resp:	220141
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	7.7	5.0	7.6#

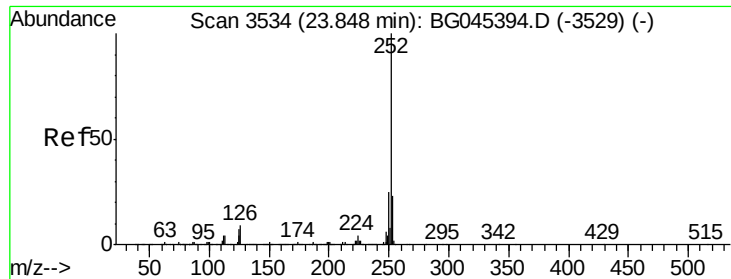


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





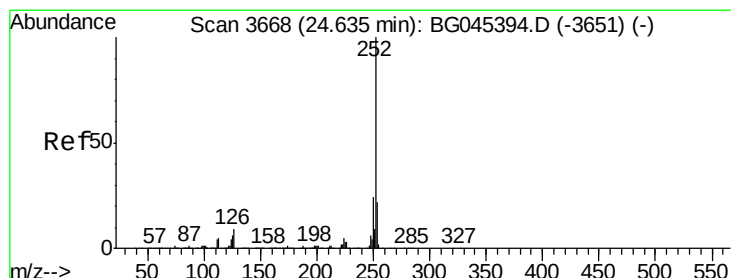
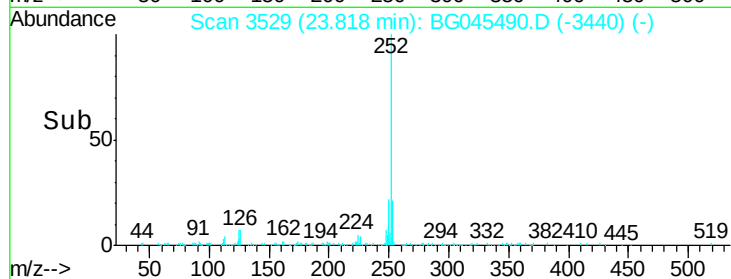
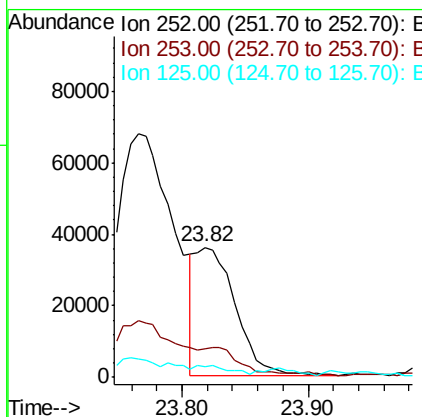
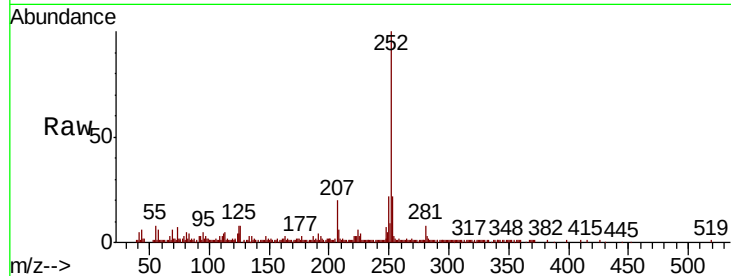
#89
Benzo(k)fluoranthene
Concen: 2.750 ng m
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	8.2	5.7	8.5

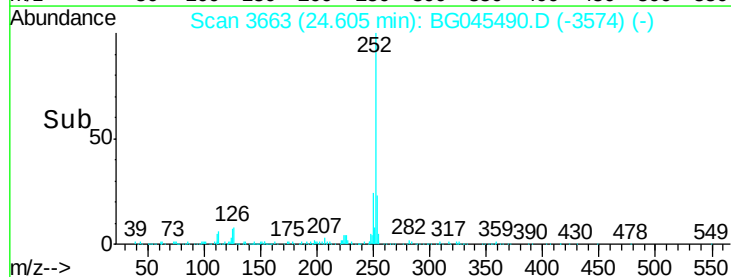
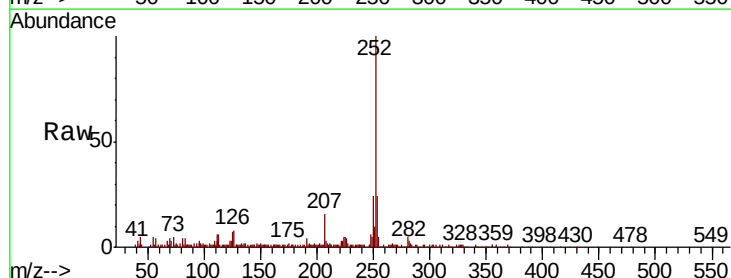
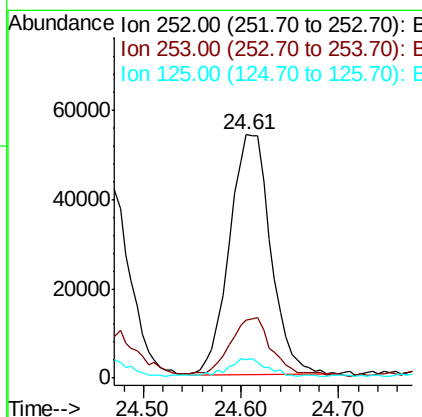
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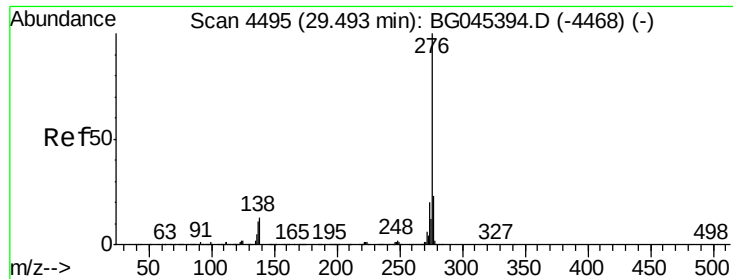
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#90
Benzo(a)pyrene
Concen: 5.611 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	7.5	5.0	7.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.953 ng
 RT: 29.45 min Scan# 4487
 Delta R.T. -0.00 min
 Lab File: BG045490.D
 Acq: 28 May 2020 00:23

Instrument :
 BNA_G
 ClientSampleId :
 NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.1	27.1
138	14.6	10.2	15.4

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