

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045560.D
 Acq On : 1 Jun 2020 17:56
 Operator : CG/JU
 Sample : L2792-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM75-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 01 18:43:40 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	66341	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	277589	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	204522	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	439241	20.00	ng	0.00
76) Chrysene-d12	21.60	240	399928	20.00	ng	0.00
87) Perylene-d12	24.75	264	436379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	311230	91.68	ng	0.00
7) Phenol-d6	7.15	99	492583	101.95	ng	0.00
23) Nitrobenzene-d5	9.11	82	371956	73.07	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	259054	99.04	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	898439	74.51	ng	0.00
79) Terphenyl-d14	19.96	244	1326322	77.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	107995	7.697	ng	98
71) Phenanthrene	17.39	178	91780	4.786	ng	96
75) Fluoranthene	19.40	202	236193	9.684	ng	100
78) Pyrene	19.76	202	227962	9.999	ng	97
81) Benzo(a)anthracene	21.59	228	139616	6.267	ng	99
83) Chrysene	21.65	228	132845	6.201	ng	99
86) Indeno(1,2,3-cd)pyrene	28.31	276	102659	3.665	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	195778	8.365	ng	99
89) Benzo(k)fluoranthene	23.81	252	75945m	3.454	ng	
90) Benzo(a)pyrene	24.60	252	142974	6.560	ng	99
92) Benzo(g,h,i)perylene	29.42	276	103125	4.708	ng	95

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

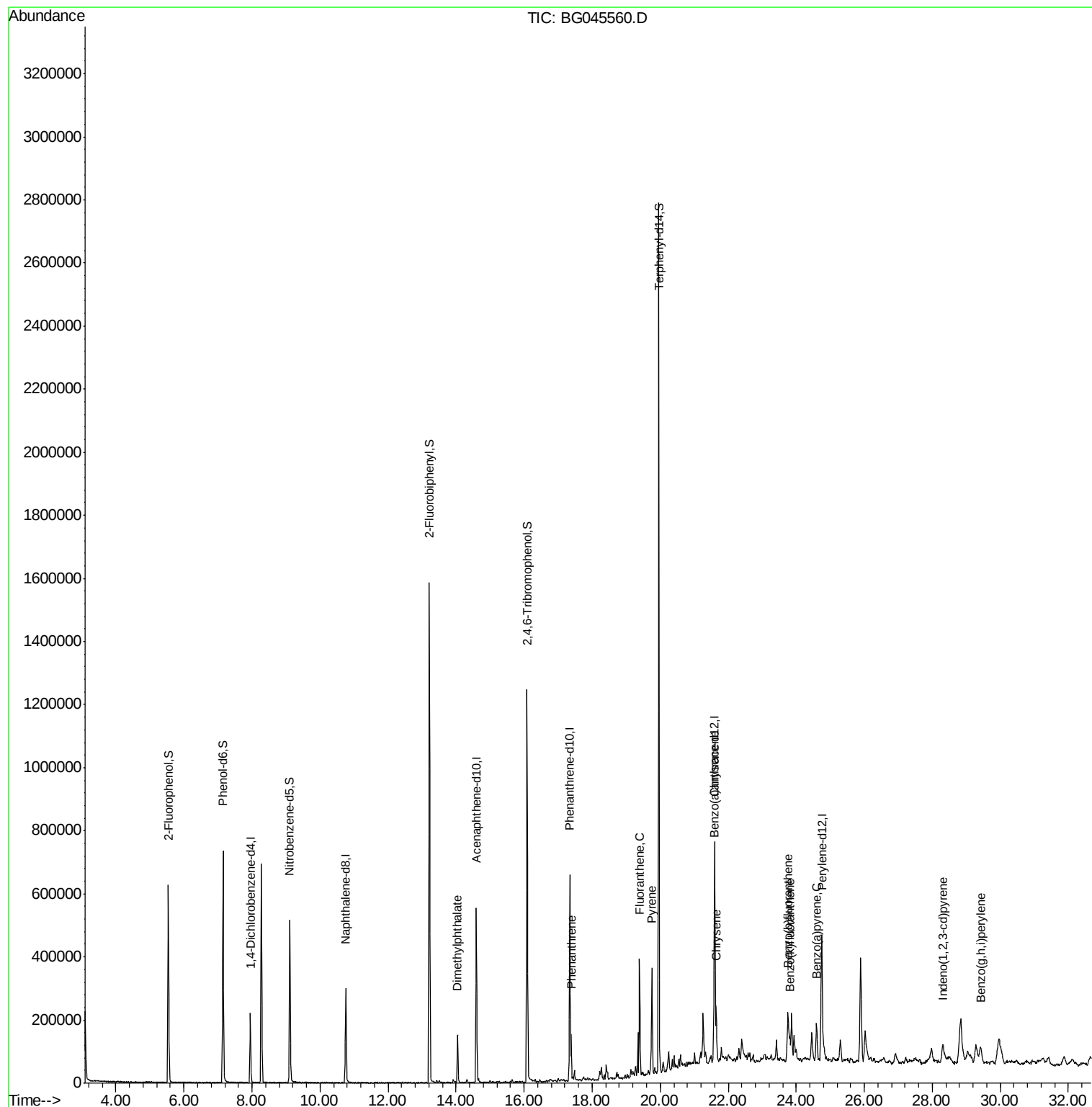
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045560.D
Acq On : 1 Jun 2020 17:56
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

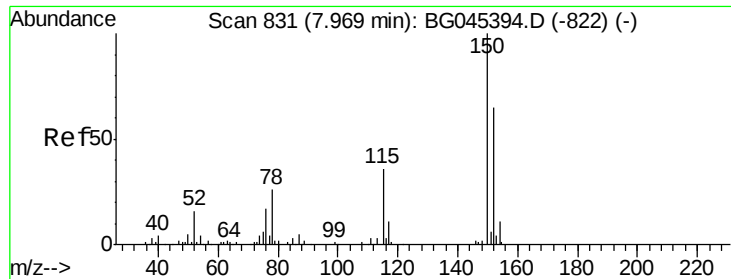
Instrument :
BNA_G
ClientSampleId :
NM75-COMP-2020-0-6

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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

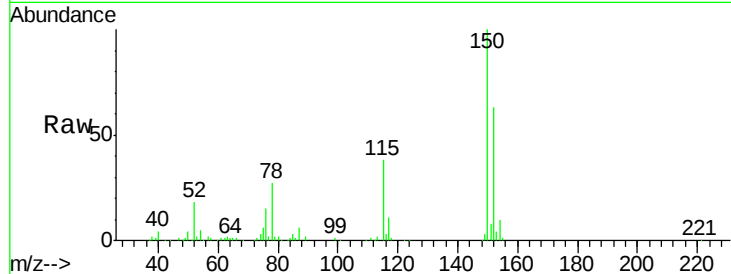
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Instrument :
BNA_G
ClientSampleId :
NM75-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.4	183.6
115	60.4	44.2	66.4

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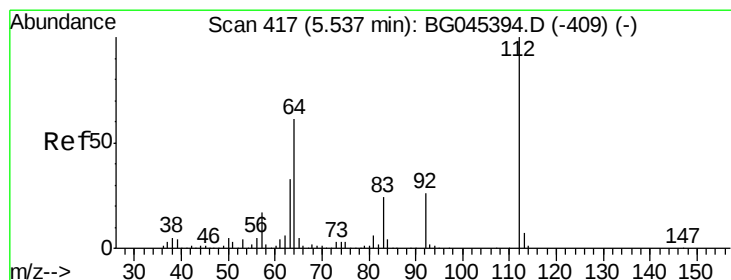
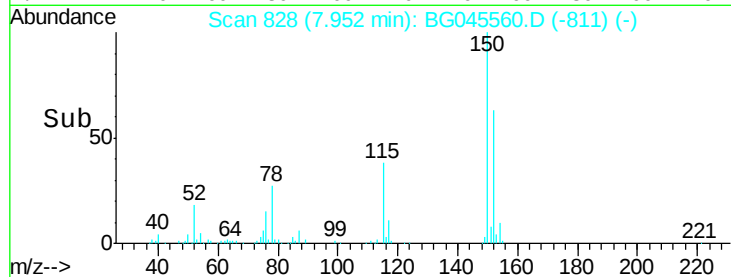
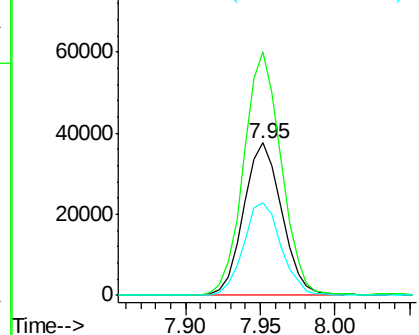


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

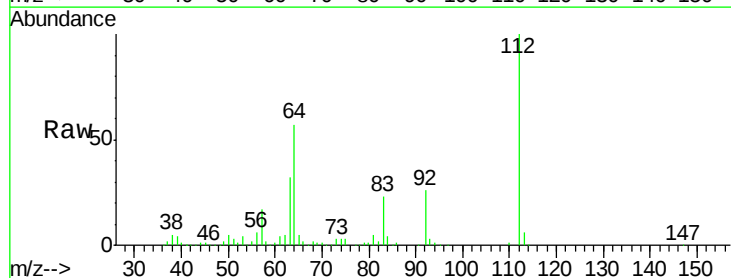
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.683 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	48.6	72.8
63	32.0	26.5	39.7

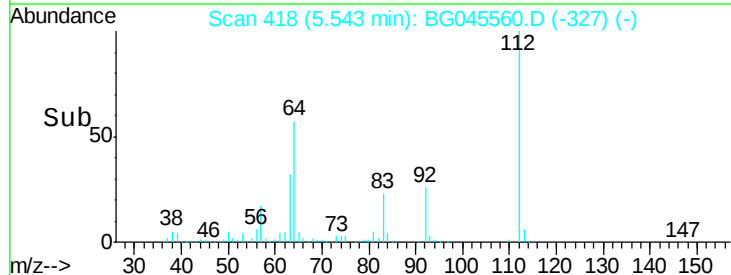
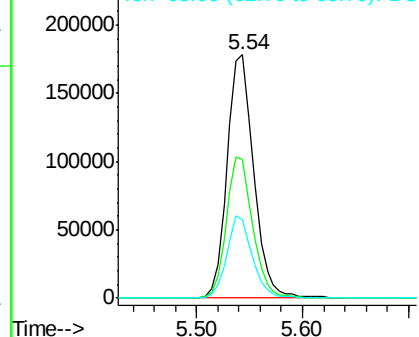


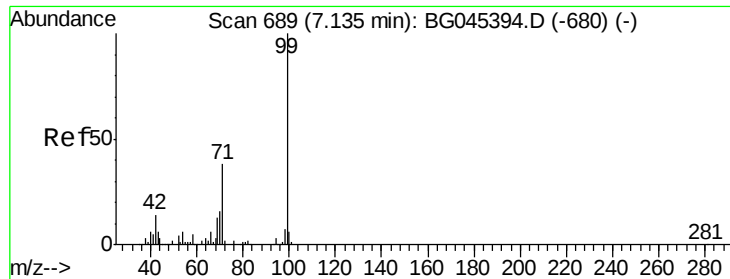
Abundance

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: 101.951 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

Instrument :

BNA_G

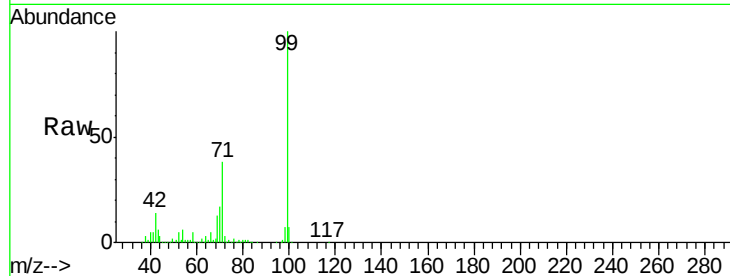
ClientSampleId :

NM75-COMP-2020-0-6

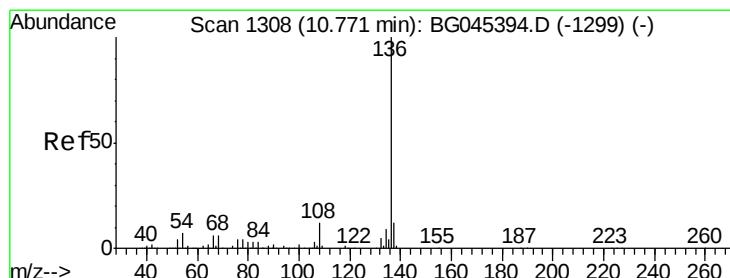
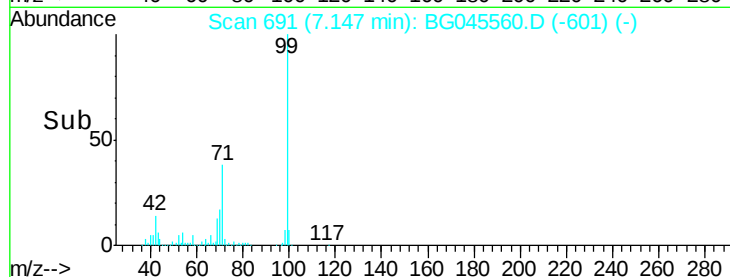
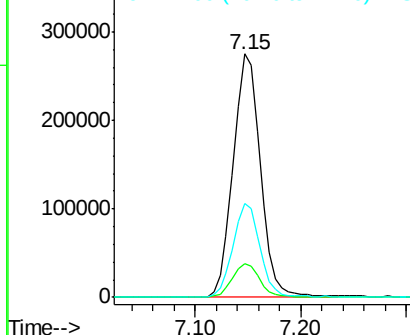
Tot Ion:	99	Resp:	492583
Ion Ratio	Lower	Upper	
99	100		
42	13.8	11.3	16.9
71	38.4	30.8	46.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

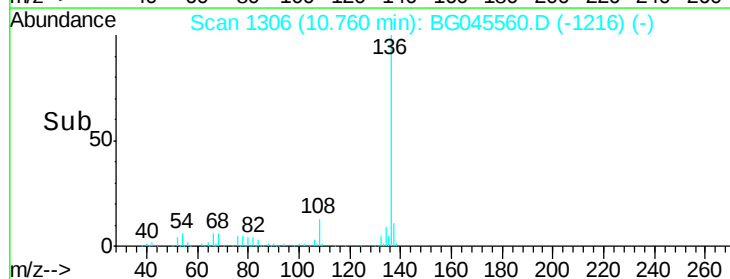
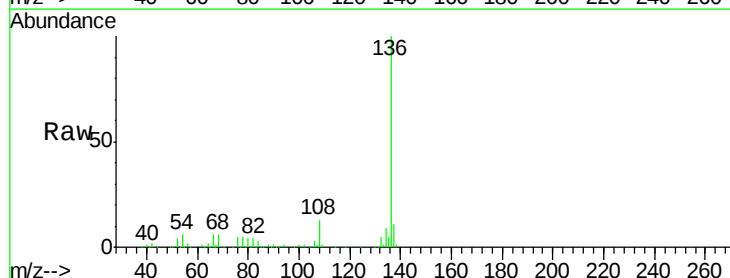
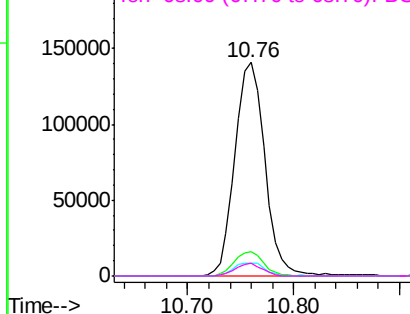
Delta R.T. 0.00 min

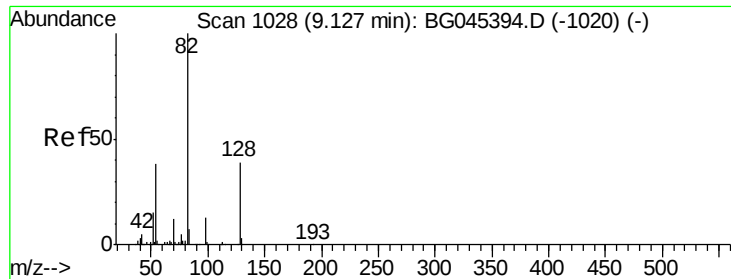
Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

Tgt Ion:	136	Resp:	277589
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.4	14.2
54	6.3	5.8	8.6
68	5.8	4.5	6.7

Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





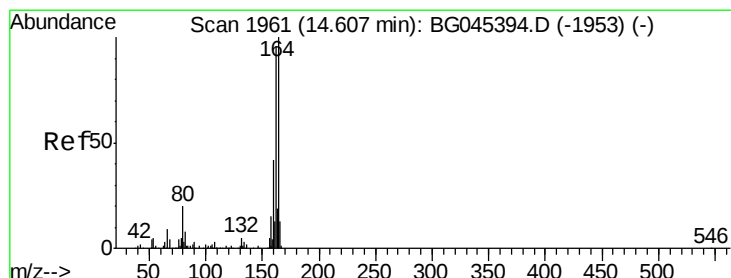
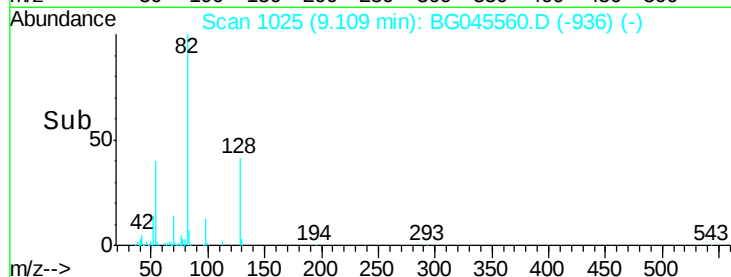
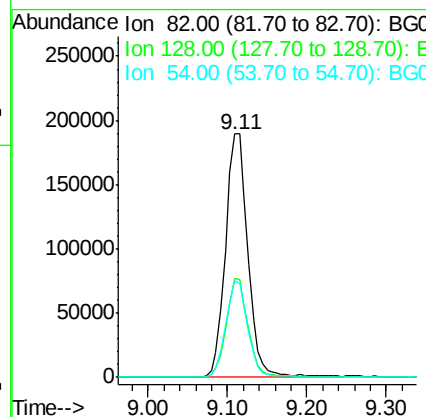
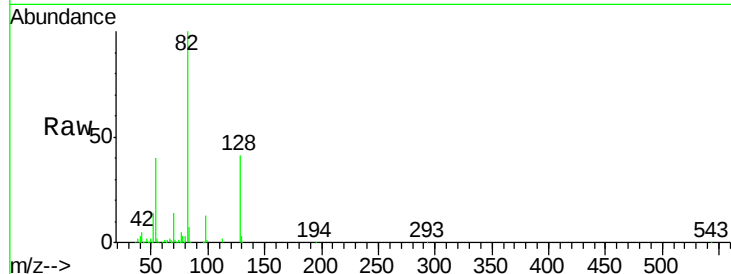
#23
 Nitrobenzene-d5
 Concen: 73.070 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045560.D
 Acq: 1 Jun 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 NM75-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	39.5	30.3	45.5

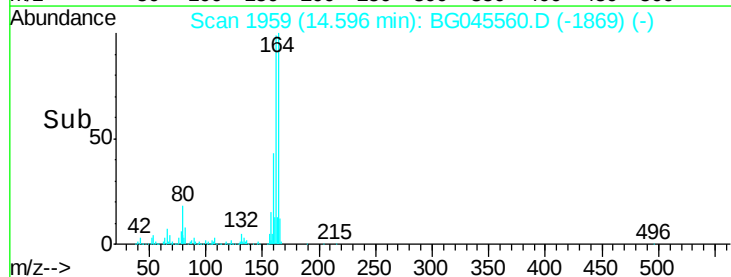
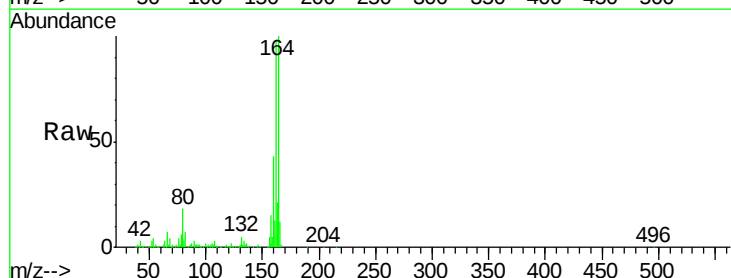
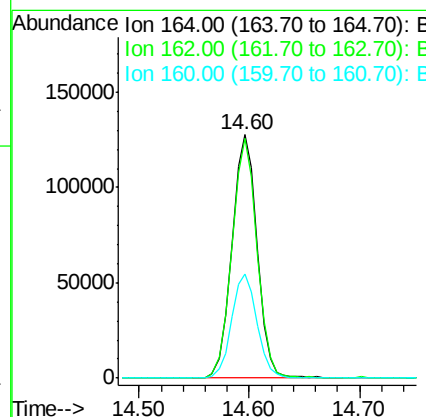
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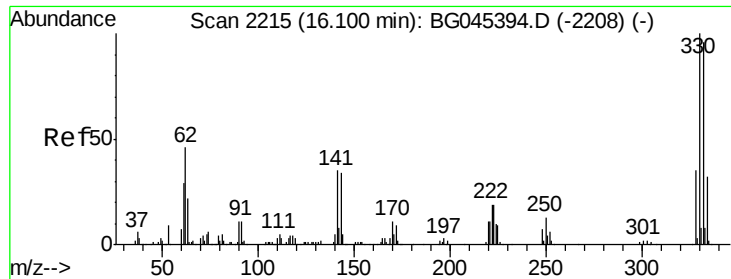
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045560.D
 Acq: 1 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	76.9	115.3
160	42.6	33.8	50.8





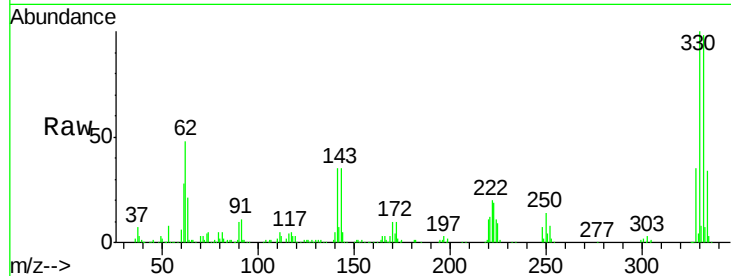
#42
 2,4,6-Tribromophenol
 Concen: 99.042 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG045560.D
 Acq: 1 Jun 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 NM75-COMP-2020-0-6

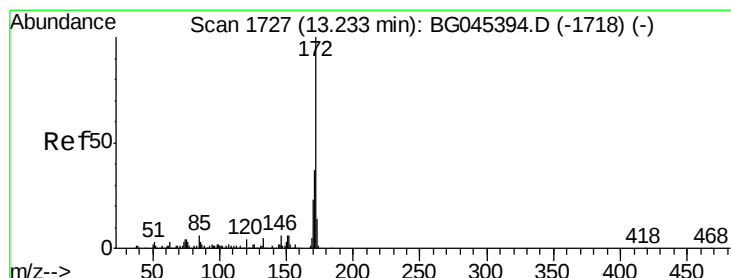
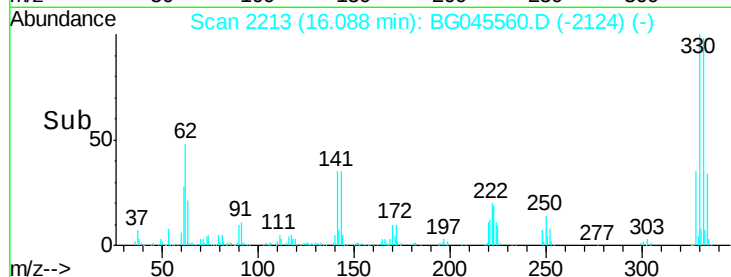
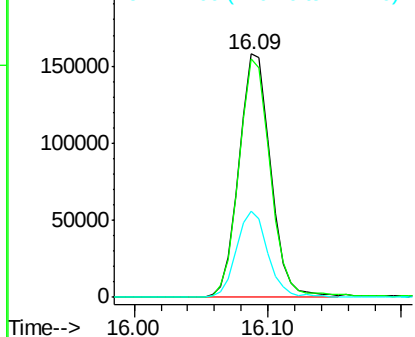
Tot Ion	Ratio	Resp	Lower	Upper
330	100	259054		
332	98.5		78.2	117.4
141	35.2		28.2	42.4

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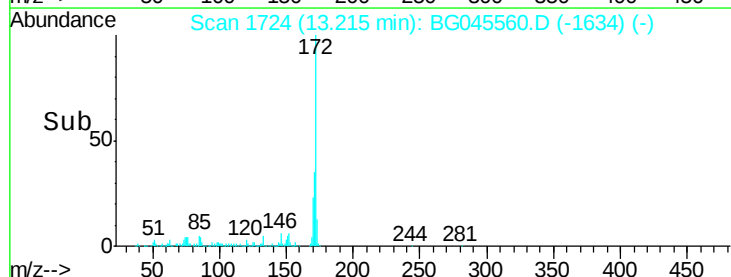
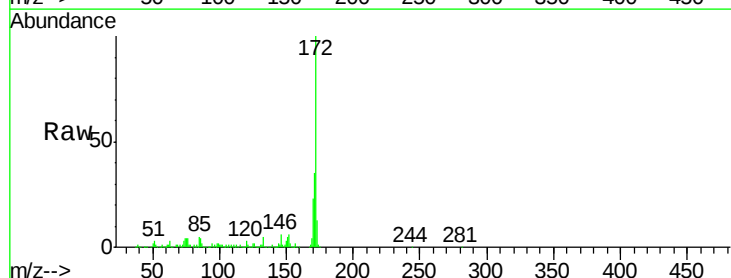
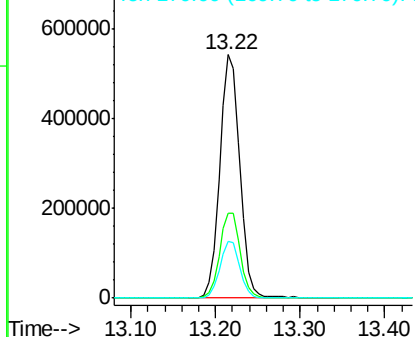
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

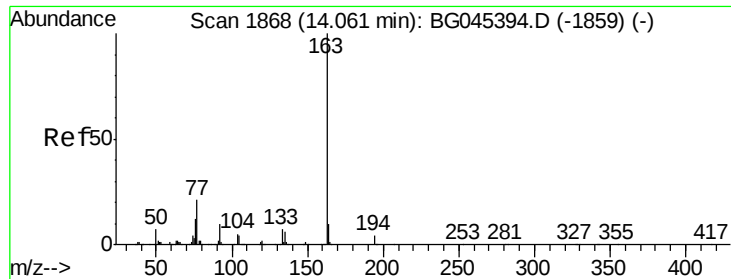


#45
 2-Fluorobiphenyl
 Concen: 74.512 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045560.D
 Acq: 1 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	898439		
171	34.9		29.5	44.3
170	23.1		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





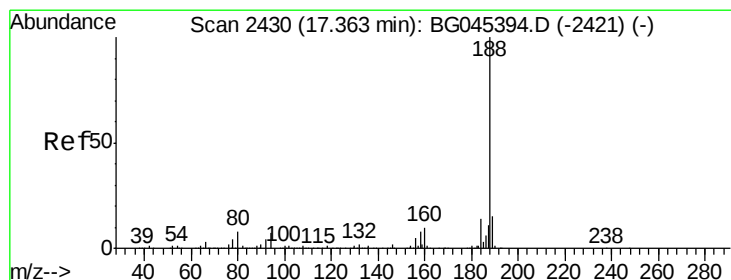
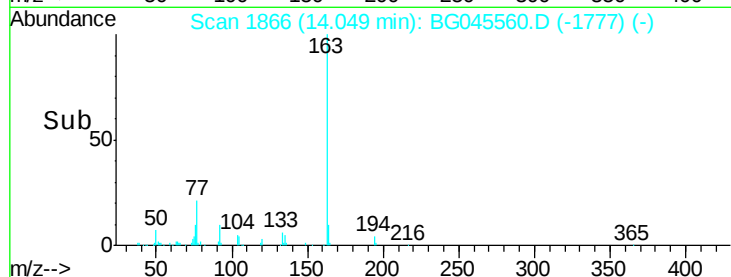
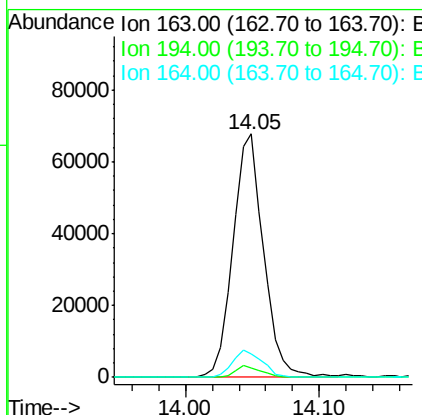
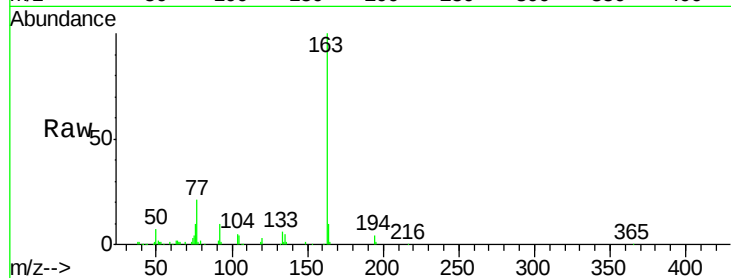
#50
Dimethylphthalate
Concen: 7.697 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Instrument :
BNA_G
ClientSampleId :
NM75-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	107995		
194	4.0		3.2	4.8
164	9.5		8.3	12.5

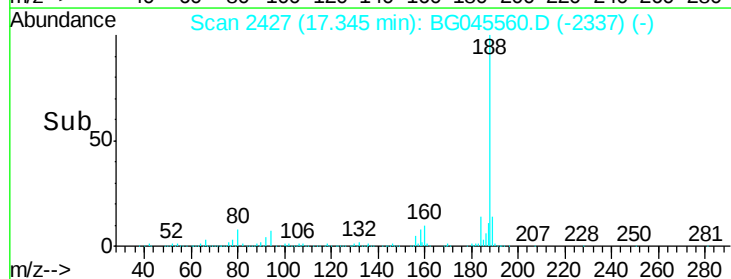
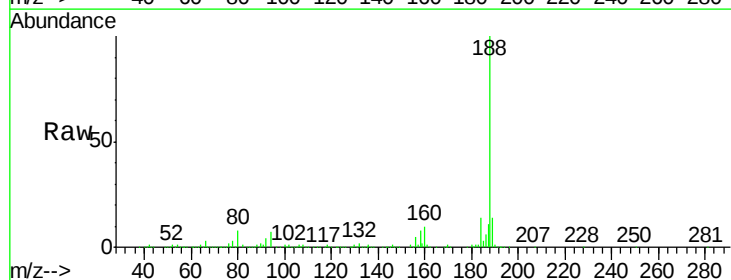
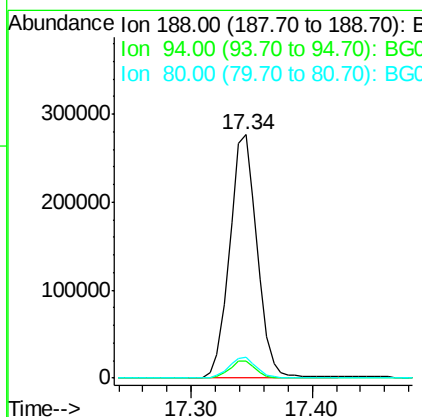
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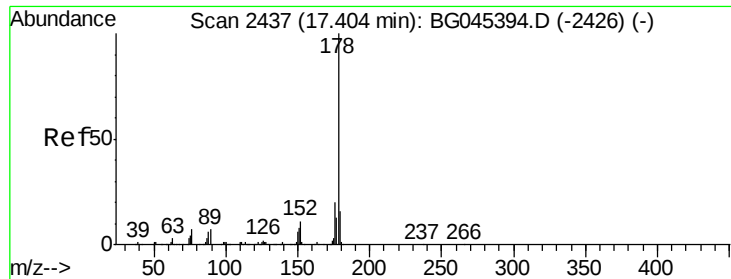
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	439241		
94	6.9		5.5	8.3
80	8.5		6.6	10.0





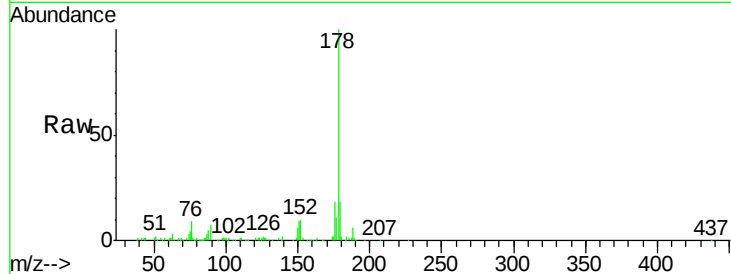
#71
Phenanthrene
Concen: 4.786 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Instrument :
BNA_G
ClientSampleId :
NM75-COMP-2020-0-6

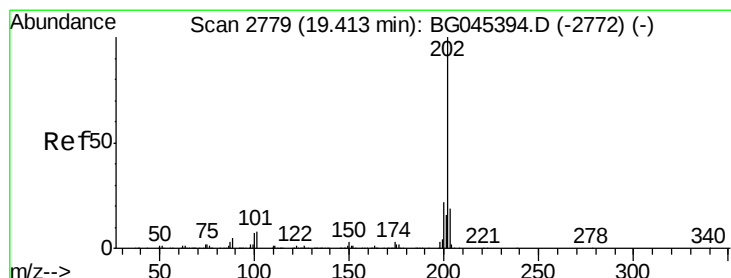
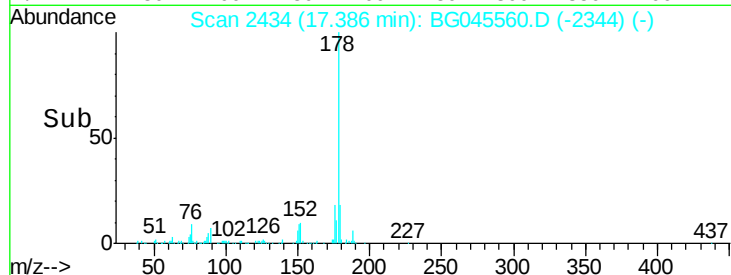
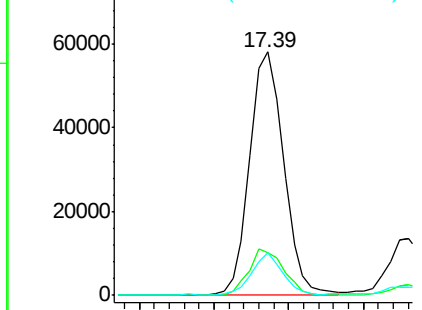
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	17.7	13.1	19.7

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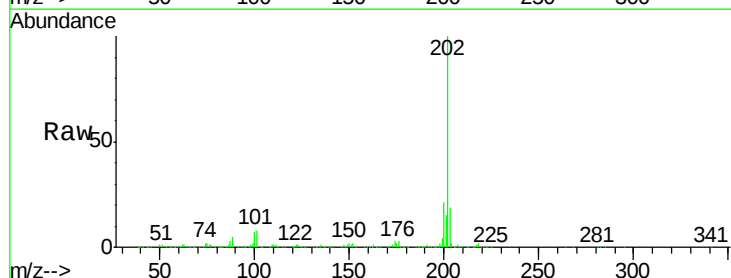


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

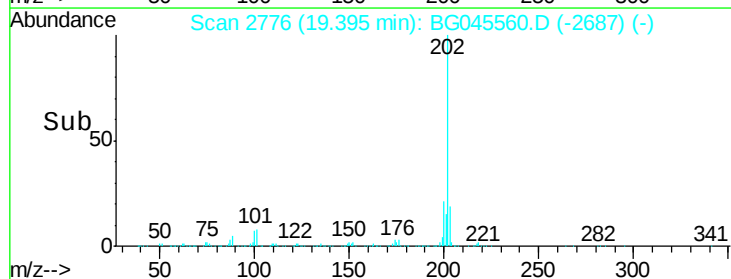
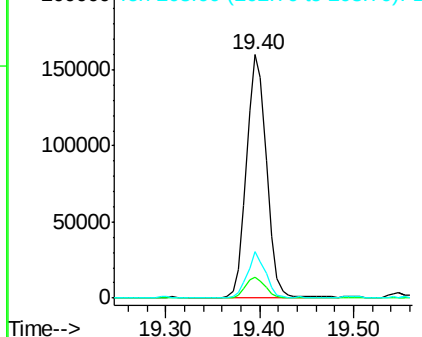


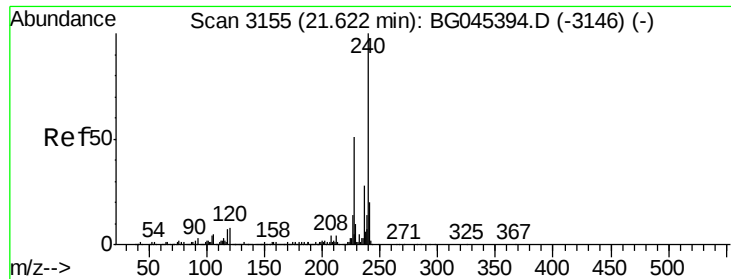
#75
Fluoranthene
Concen: 9.684 ng
RT: 19.40 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.3
203	18.9	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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

Instrument :

BNA_G

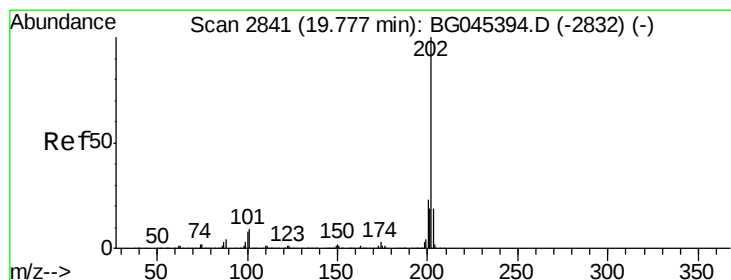
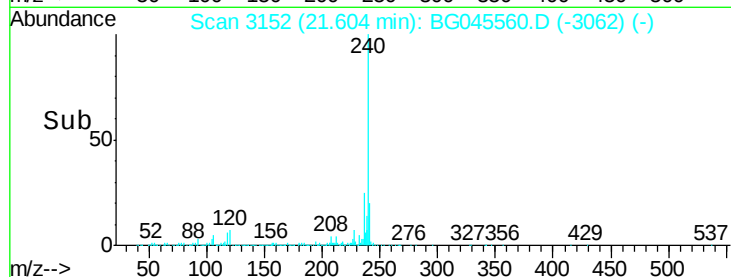
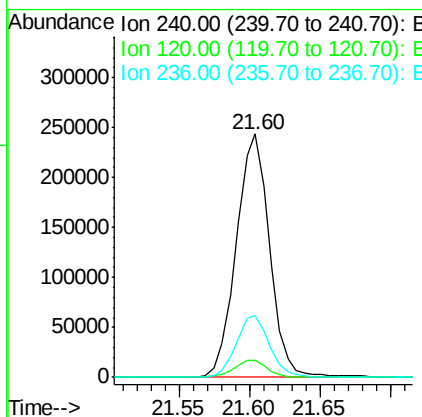
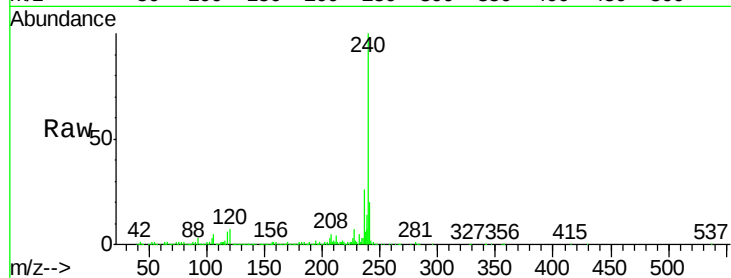
ClientSampleId :

NM75-COMP-2020-0-6

Tot Ion:	240	Resp:	399928
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.1	9.1
236	25.5	22.3	33.5

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#78

Pyrene

Concen: 9.999 ng

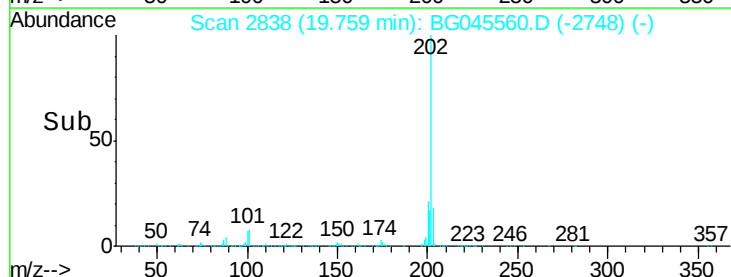
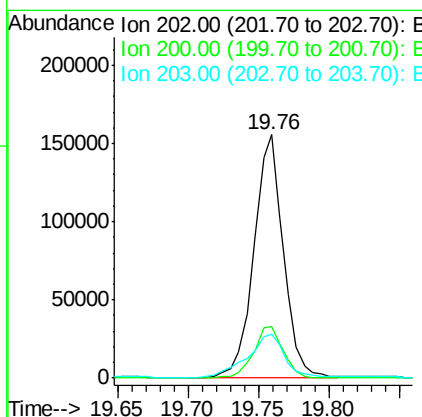
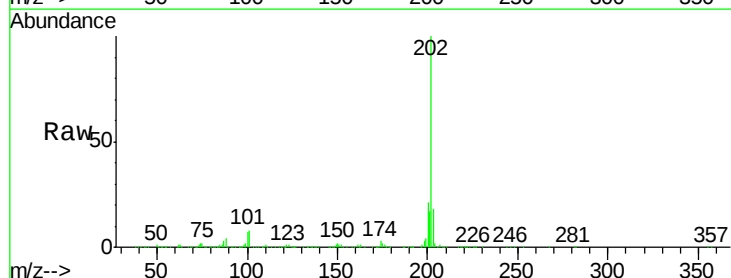
RT: 19.76 min Scan# 2838

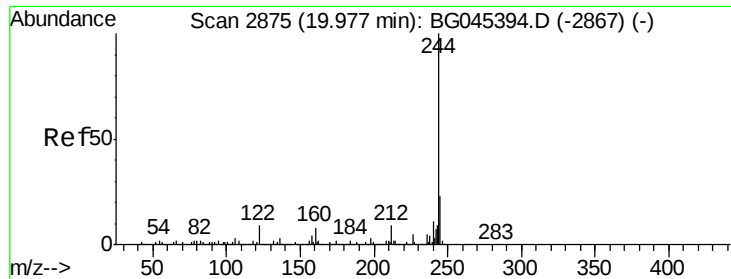
Delta R.T. 0.00 min

Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

Tgt Ion:	202	Resp:	227962
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.2	27.2
203	18.0	15.1	22.7





#79

Terphenyl-d14

Concen: 77.348 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

Instrument :

BNA_G

ClientSampleId :

NM75-COMP-2020-0-6

Tot Ion:244 Resp: 1326322

Ion Ratio Lower Upper

244 100

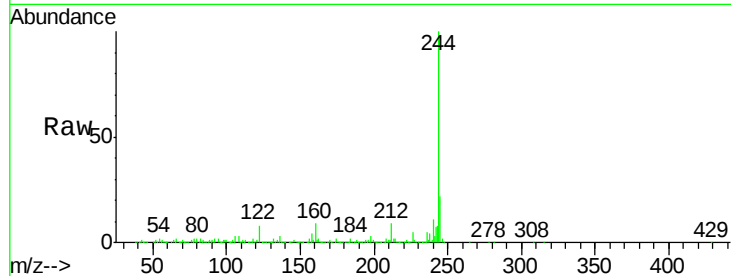
212 9.0 7.4 11.0

122 8.5 6.8 10.2

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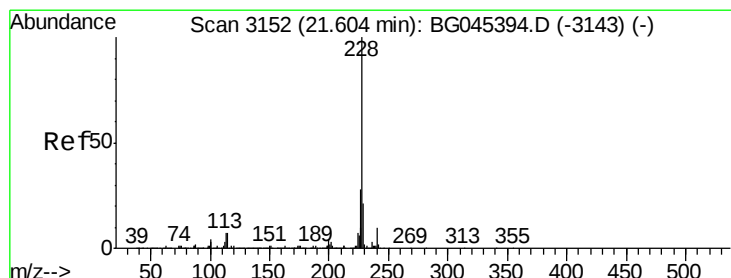
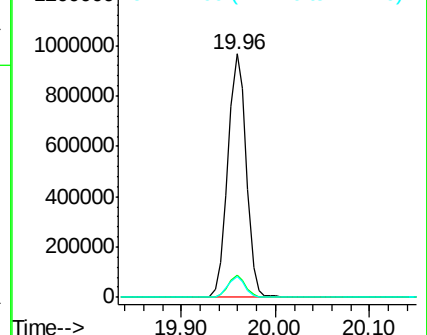
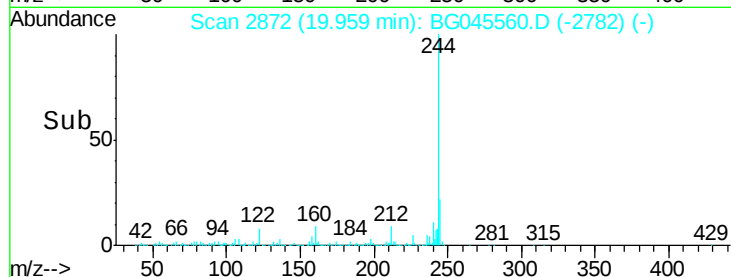
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.267 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

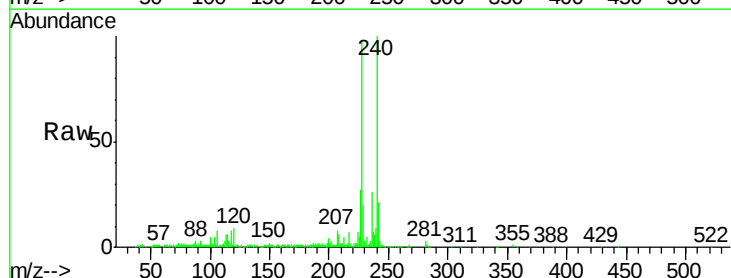
Tgt Ion:228 Resp: 139616

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

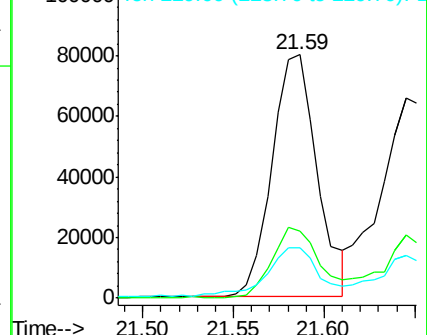
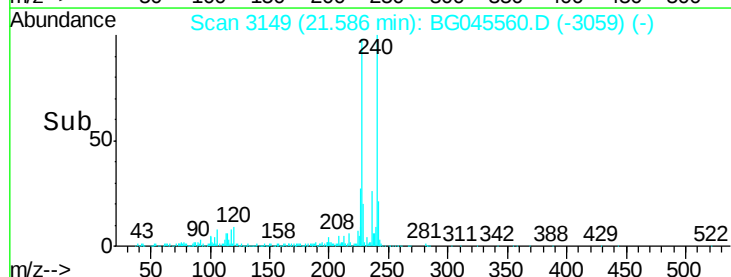
229 20.6 16.7 25.1

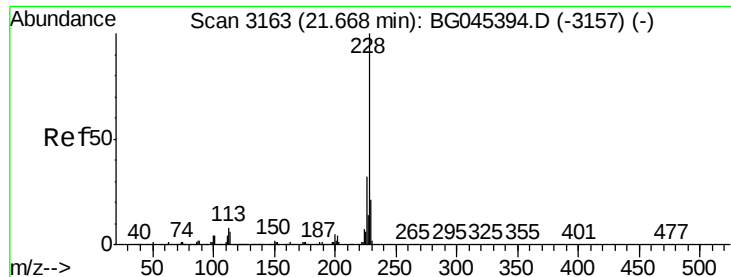


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 6.201 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

Instrument :

BNA_G

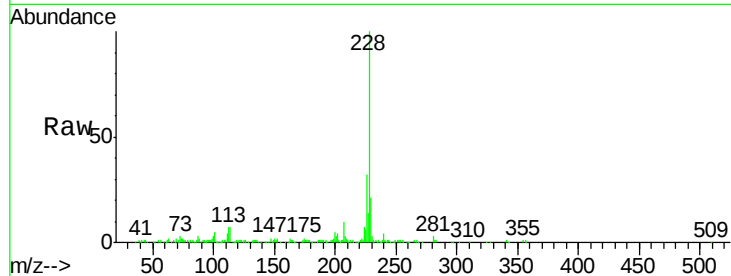
ClientSampleId :

NM75-COMP-2020-0-6

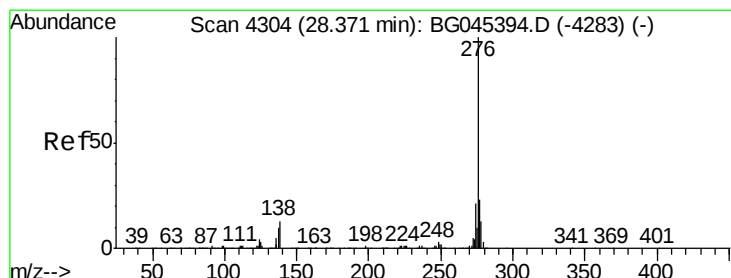
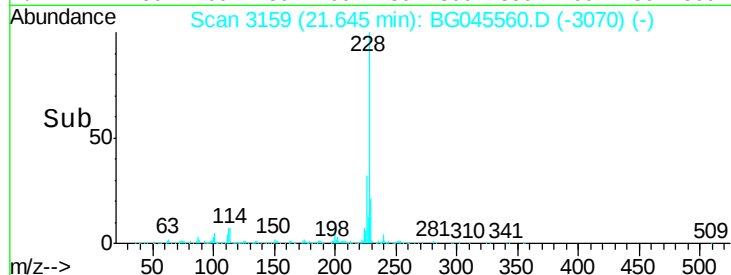
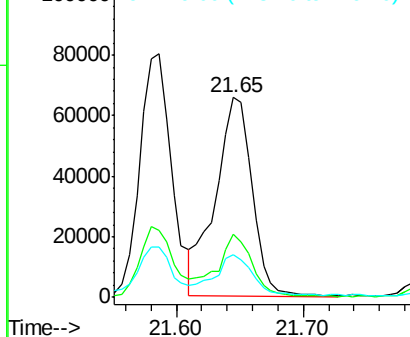
Tot Ion:	228	Resp:	132845
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.2	37.8
229	21.2	16.7	25.1

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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: 3.665 ng

RT: 28.31 min Scan# 4293

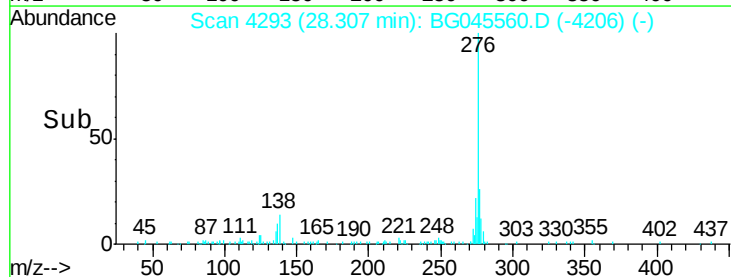
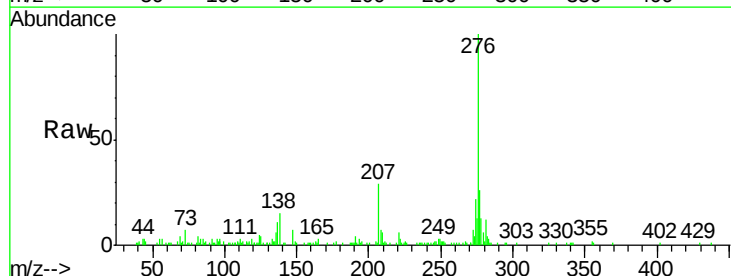
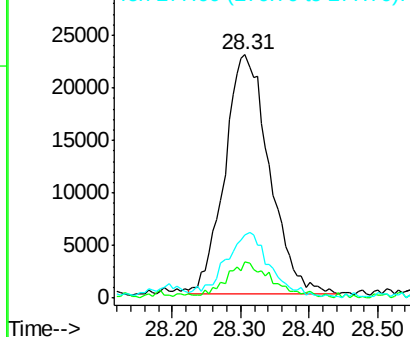
Delta R.T. -0.02 min

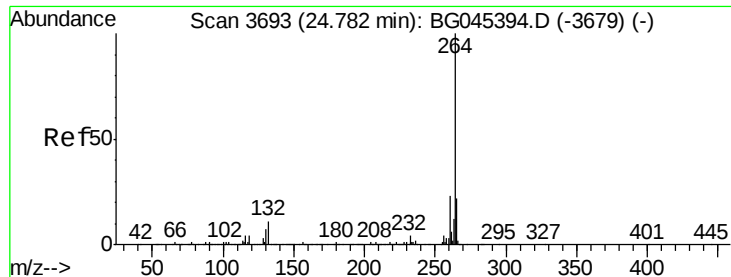
Lab File: BG045560.D

Acq: 1 Jun 2020 17:56

Tgt Ion:	276	Resp:	102659
Ion Ratio	Lower	Upper	
276	100		
138	15.5	8.6	12.8#
277	26.0	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





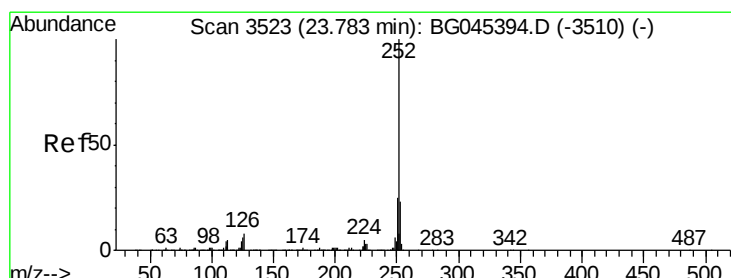
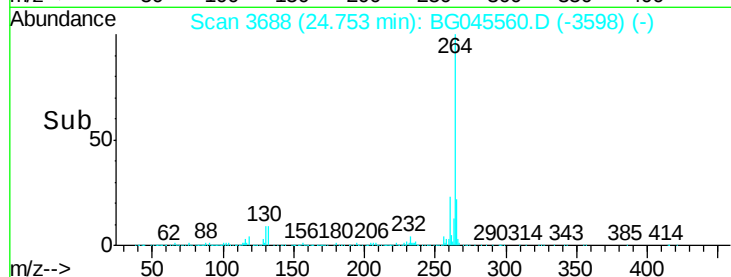
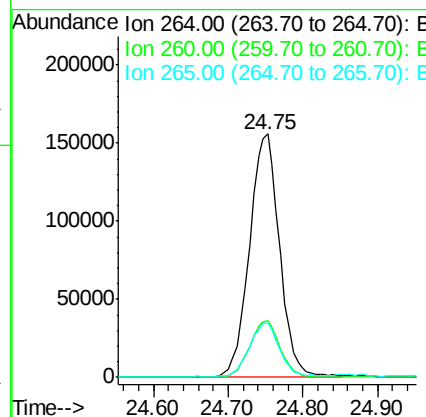
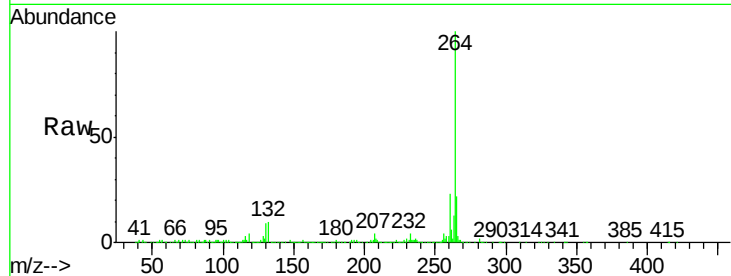
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Instrument :
BNA_G
ClientSampleId :
NM75-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.2	17.6	26.4

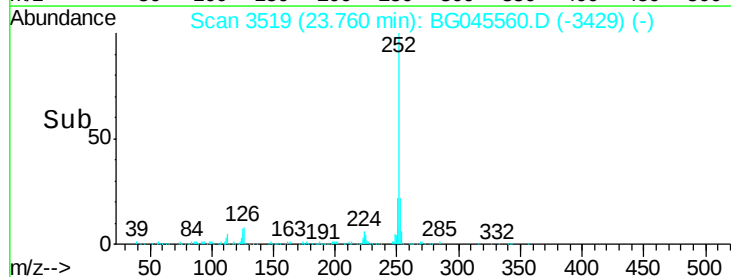
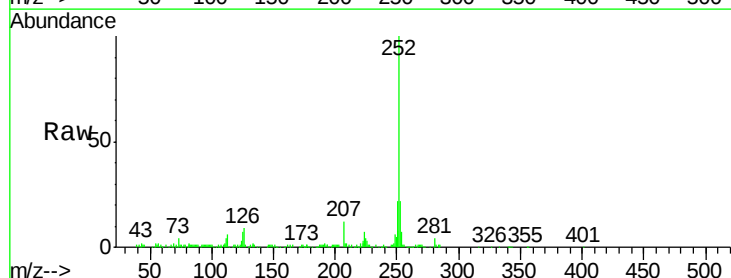
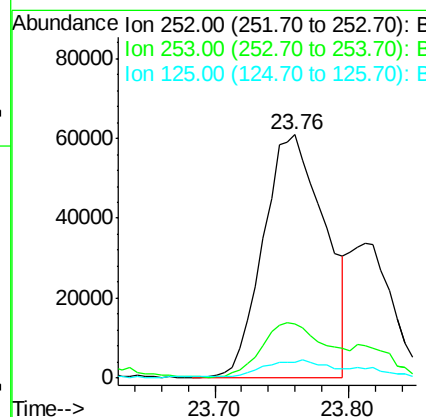
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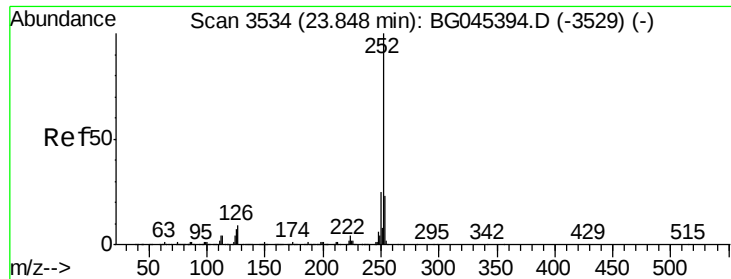
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#88
Benzo(b)fluoranthene
Concen: 8.365 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	6.7	5.0	7.6





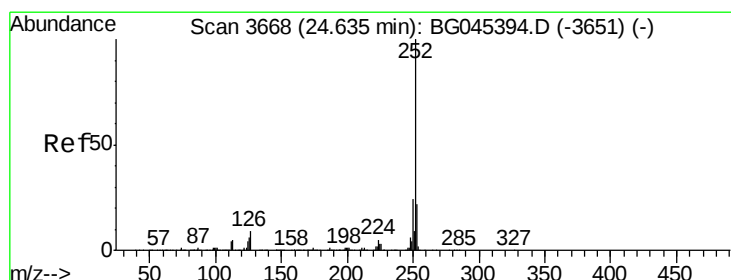
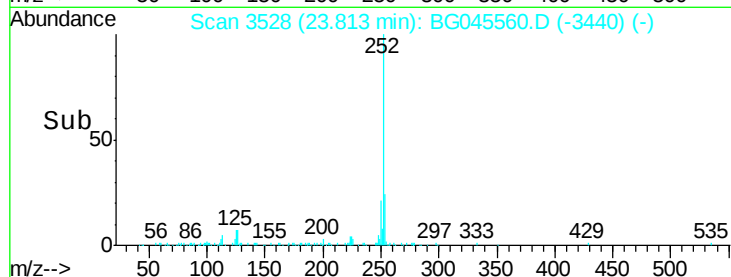
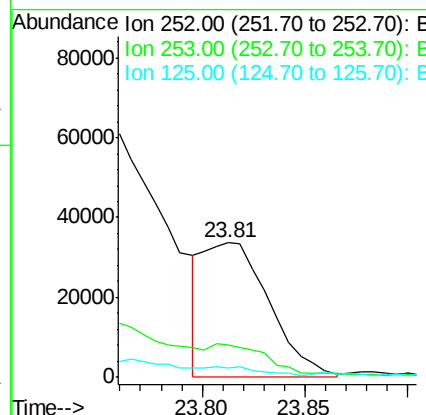
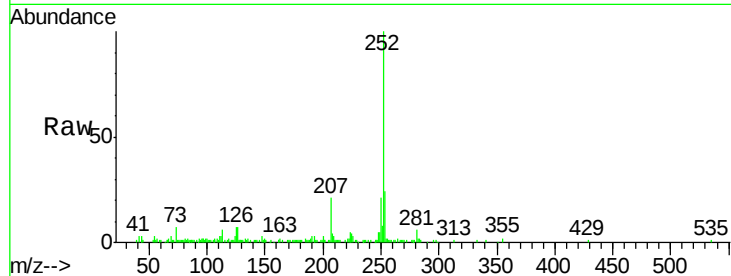
#89
Benzo(k)fluoranthene
Concen: 3.454 ng m
RT: 23.81 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Instrument :
BNA_G
ClientSampleId :
NM75-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	7.1	5.7	8.5

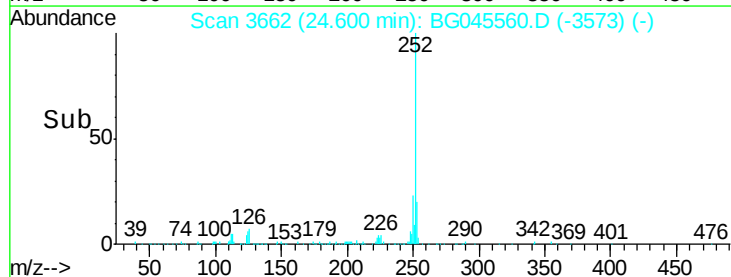
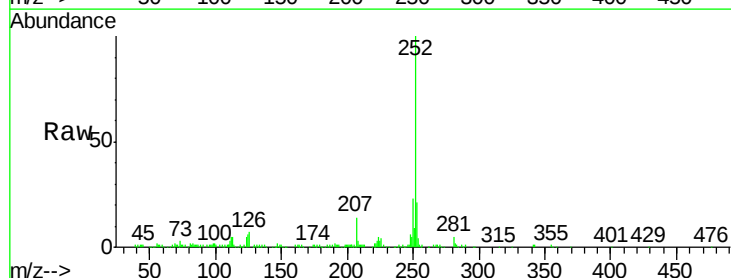
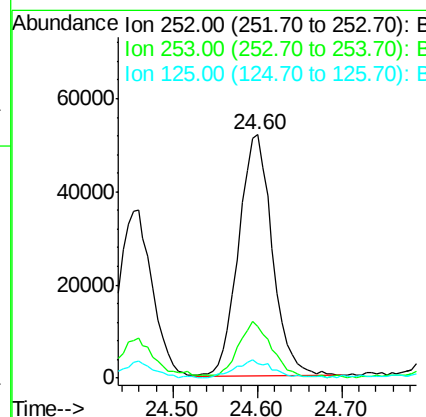
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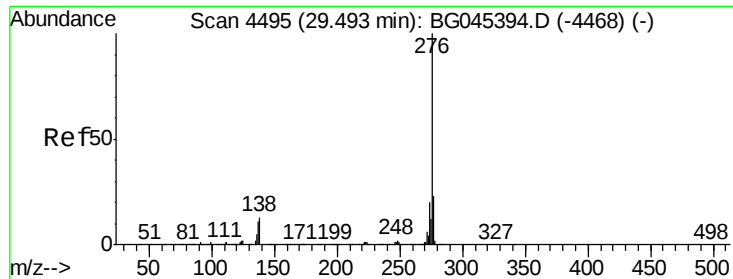
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#90
Benzo(a)pyrene
Concen: 6.560 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG045560.D
Acq: 1 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	5.9	5.0	7.6





#92
 Benzo(a,h,i)perylene
 Concen: 4.708 ng
 RT: 29.42 min Scan# 4482
 Delta R.T. -0.02 min
 Lab File: BG045560.D
 Acq: 1 Jun 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 NM75-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	19.2	18.1	27.1
138	13.3	10.2	15.4

Manual Integrations
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