

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045567.D
 Acq On : 1 Jun 2020 22:37
 Operator : CG/JU
 Sample : L2792-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM97-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 02:06:54 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	78688	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	313923	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	214597	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	442444	20.00	ng	0.00
76) Chrysene-d12	21.60	240	379895	20.00	ng	0.00
87) Perylene-d12	24.76	264	413874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	324301	80.54	ng	0.00
7) Phenol-d6	7.15	99	495844	86.52	ng	0.00
23) Nitrobenzene-d5	9.11	82	358213	62.23	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	241080	87.84	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	830942	65.68	ng	0.00
79) Terphenyl-d14	19.96	244	1118281	68.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	140137	9.519	ng	99
71) Phenanthrene	17.39	178	77185	3.996	ng	99
75) Fluoranthene	19.40	202	219635	8.940	ng	97
78) Pyrene	19.76	202	210700	9.730	ng	96
81) Benzo(a)anthracene	21.59	228	124462	5.881	ng	99
83) Chrysene	21.65	228	117002	5.750	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	87140	3.275	ng	98
88) Benzo(b)fluoranthene	23.76	252	191599	8.632	ng	98
89) Benzo(k)fluoranthene	23.82	252	52853m	2.535	ng	
90) Benzo(a)pyrene	24.61	252	128346	6.209	ng	96
92) Benzo(g,h,i)perylene	29.43	276	81281	3.912	ng	94

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

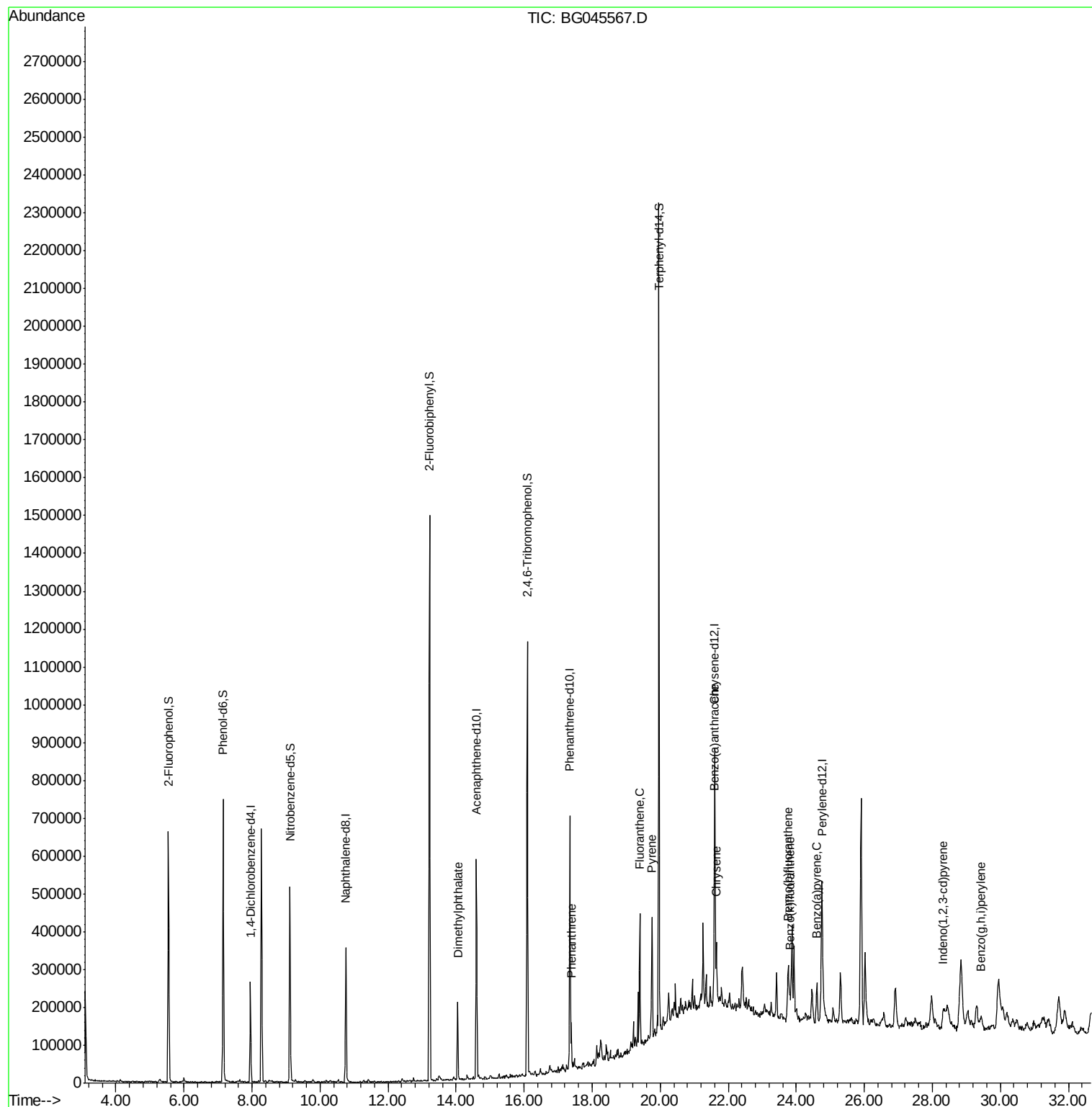
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045567.D
Acq On : 1 Jun 2020 22:37
Operator : CG/JU
Sample : L2792-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

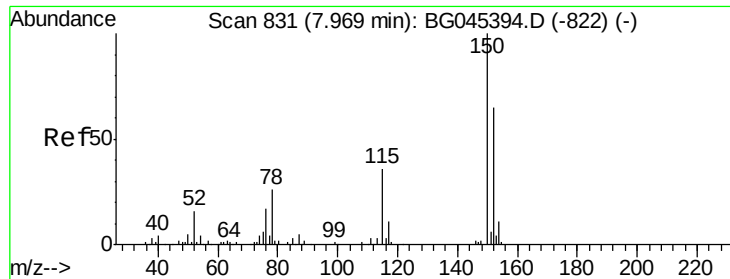
Instrument :
BNA_G
ClientSampleId :
NM97-COMP-2020-0-6

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Quant Time: Jun 02 02:06:54 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





#1

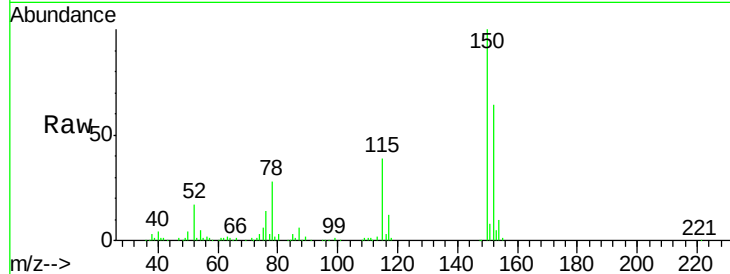
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Instrument :
BNA_G
ClientSampleId :
NM97-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.4	183.6
115	60.4	44.2	66.4

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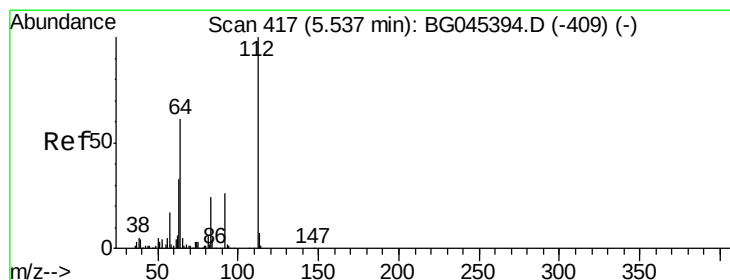
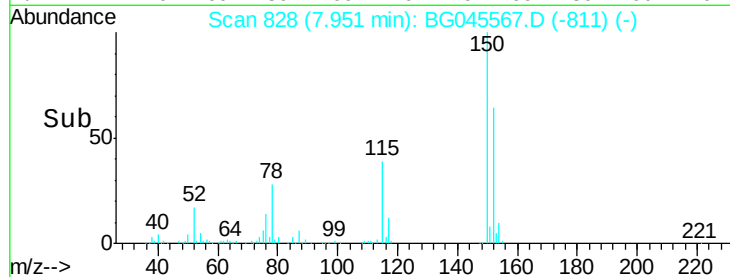
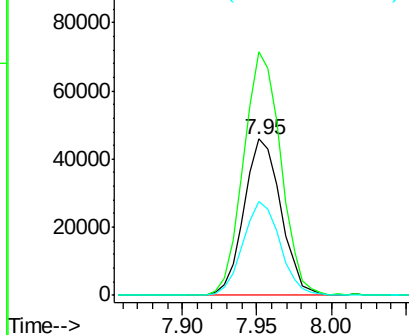


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

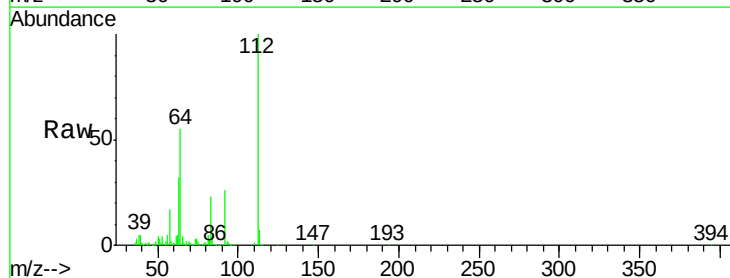
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.543 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	48.6	72.8
63	32.5	26.5	39.7

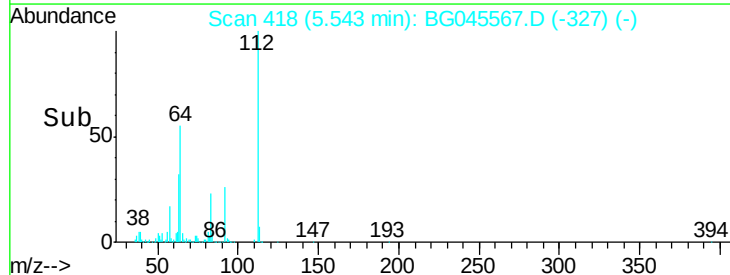
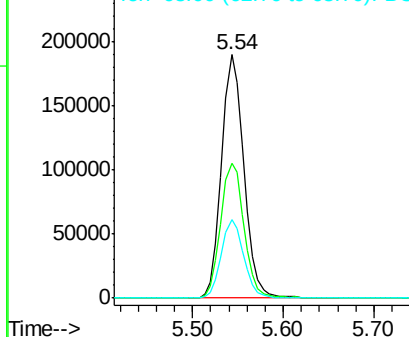


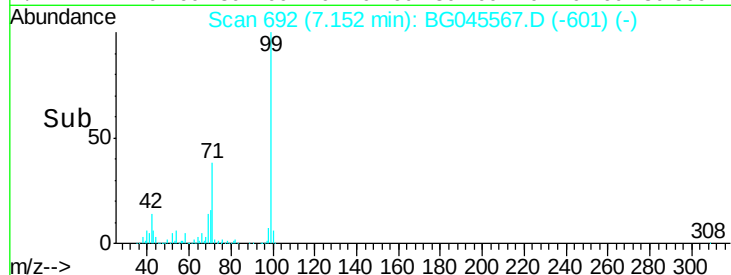
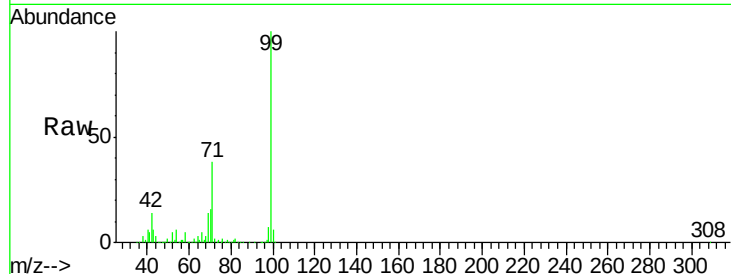
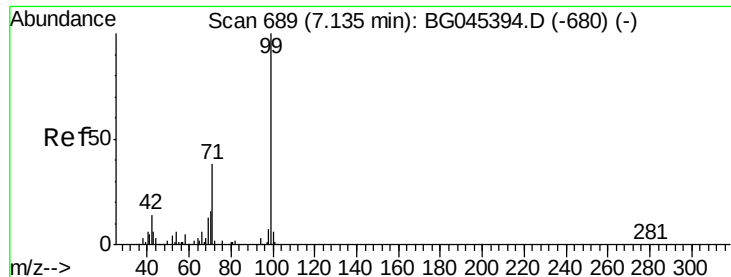
Abundance

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: 86.523 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045567.D

Acq: 1 Jun 2020 22:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		495844		
42	14.2	11.3	16.9		
71	37.6	30.8	46.2		

Instrument :

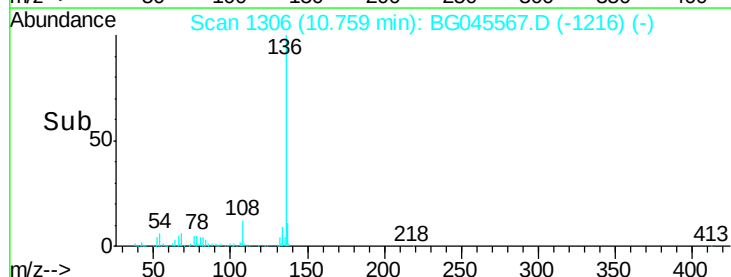
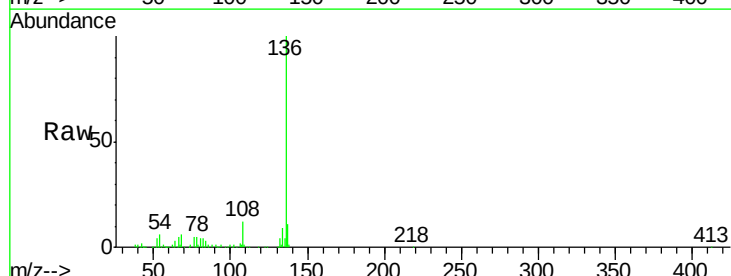
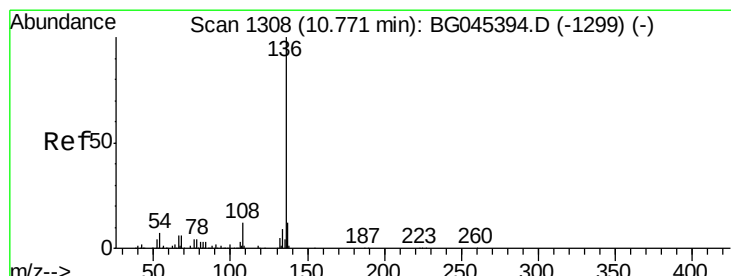
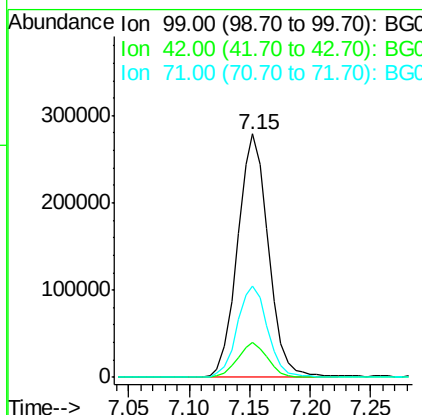
BNA_G

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

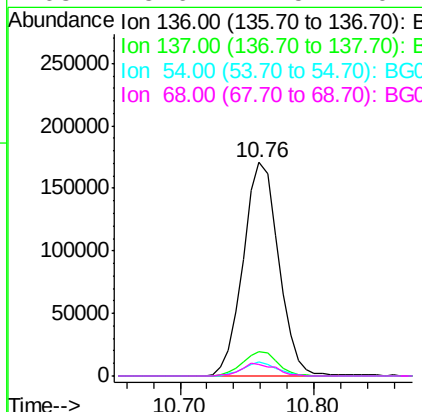
RT: 10.76 min Scan# 1306

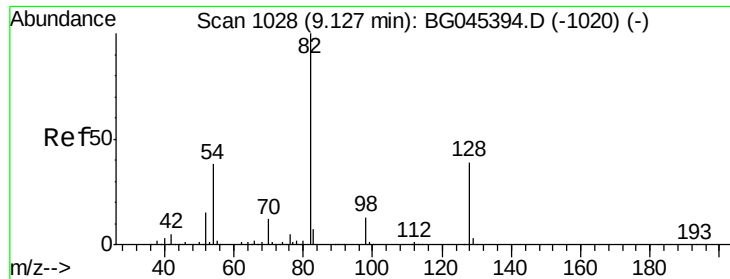
Delta R.T. 0.00 min

Lab File: BG045567.D

Acq: 1 Jun 2020 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		313923		
137	11.5	9.4	14.2		
54	6.3	5.8	8.6		
68	5.6	4.5	6.7		





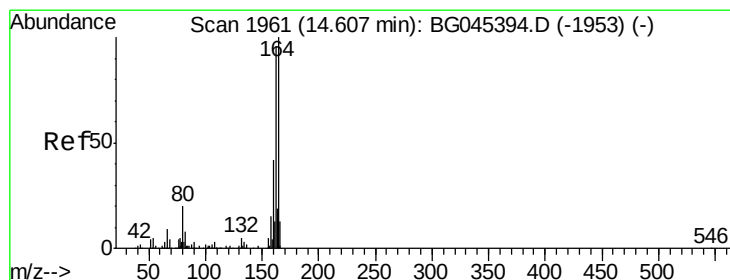
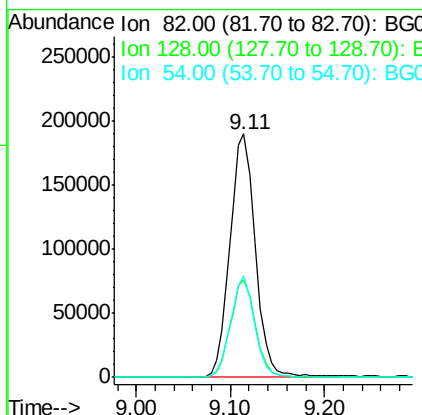
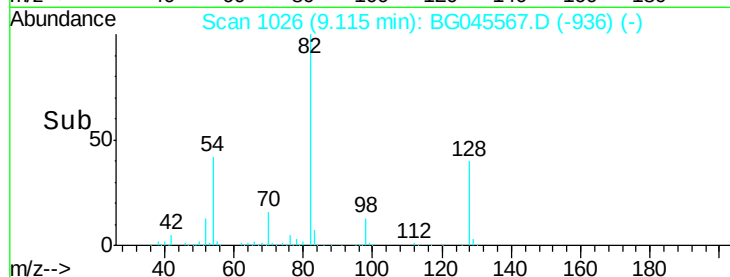
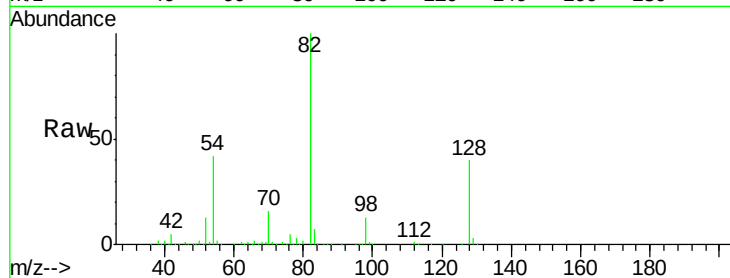
#23
Nitrobenzene-d5
Concen: 62.225 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Instrument :
BNA_G
ClientSampleId :
NM97-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.9	30.9	46.3	
54	41.6	30.3	45.5	

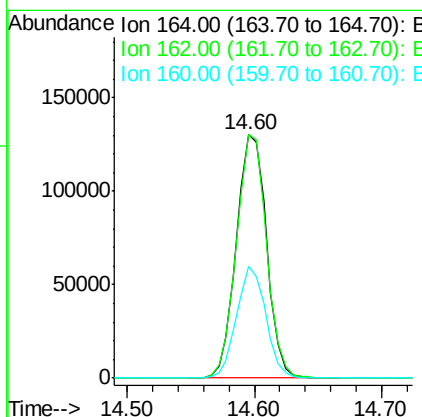
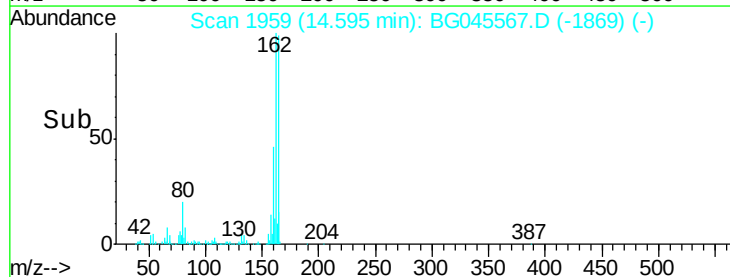
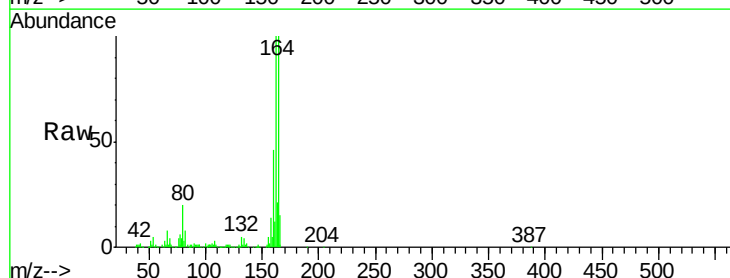
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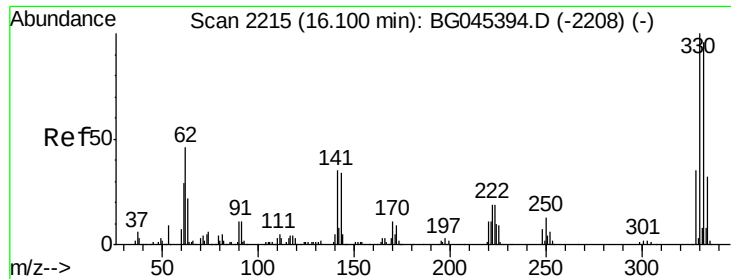
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.8	76.9	115.3	
160	46.0	33.8	50.8	





#42

2,4,6-Tribromophenol

Concen: 87.843 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045567.D

Acq: 1 Jun 2020 22:37

Instrument :

BNA_G

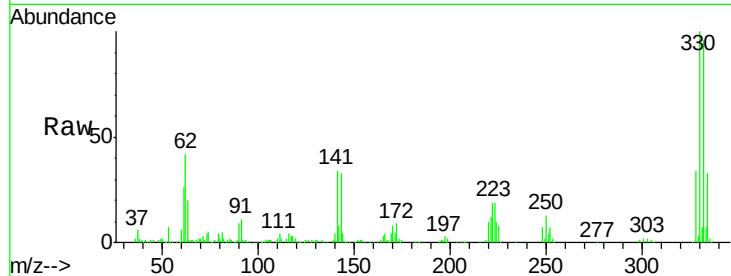
ClientSampleId :

NM97-COMP-2020-0-6

Tot Ion:	330	Resp:	241080
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.2	117.4
141	34.7	28.2	42.4

Manual Integrations
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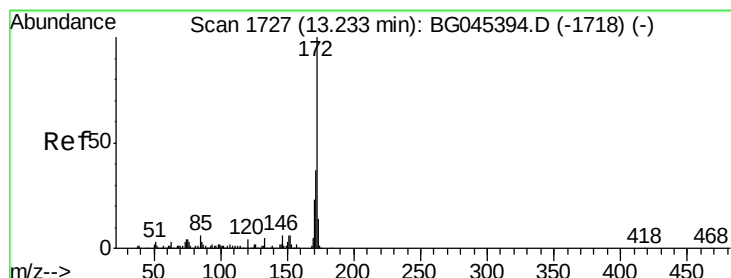
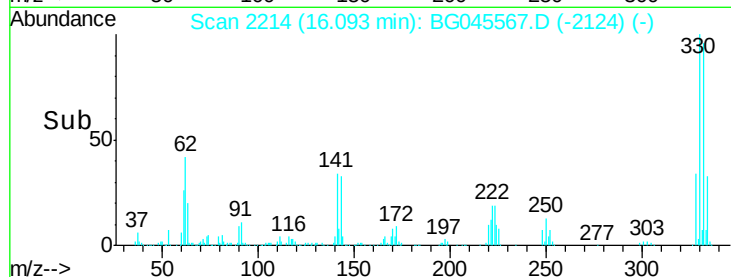
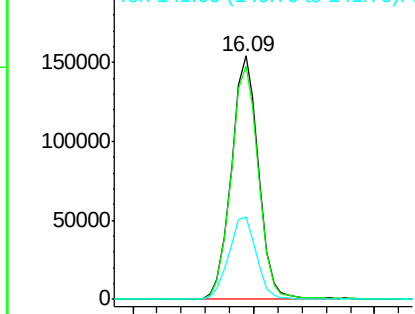


Abundance

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: 65.679 ng

RT: 13.22 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BG045567.D

Acq: 1 Jun 2020 22:37

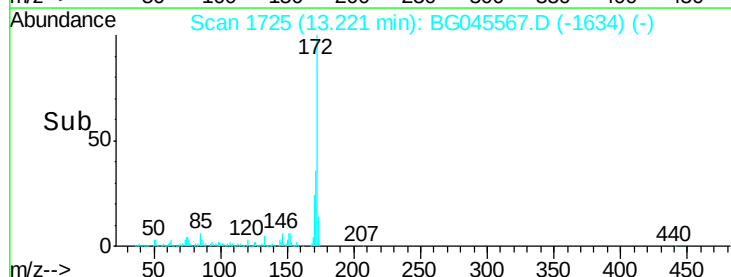
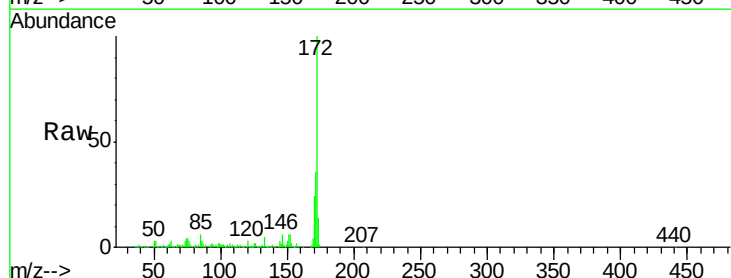
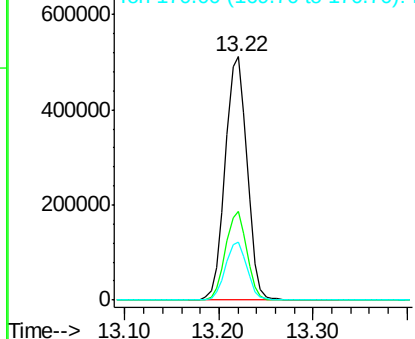
Tgt Ion:	172	Resp:	830942
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.5	44.3
170	23.7	18.5	27.7

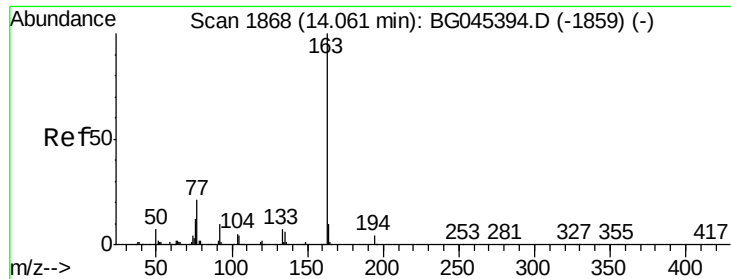
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





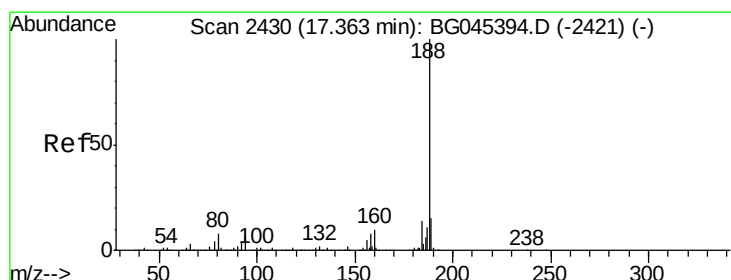
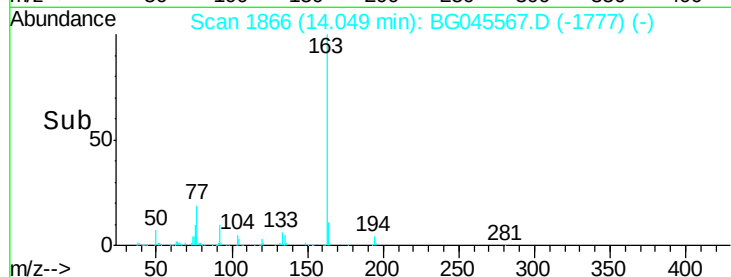
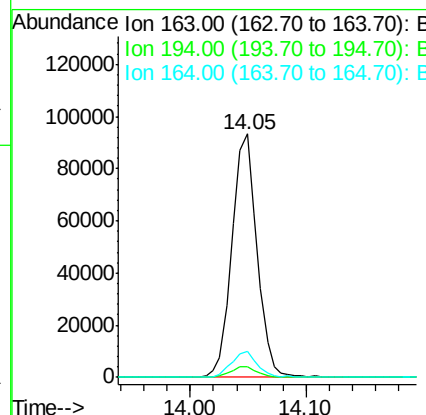
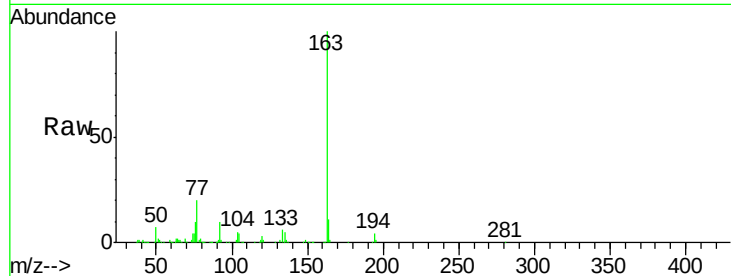
#50
Dimethylphthalate
Concen: 9.519 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	140137		
194	4.2		3.2	4.8
164	10.8		8.3	12.5

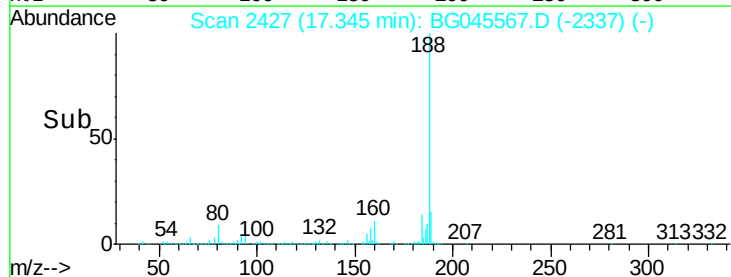
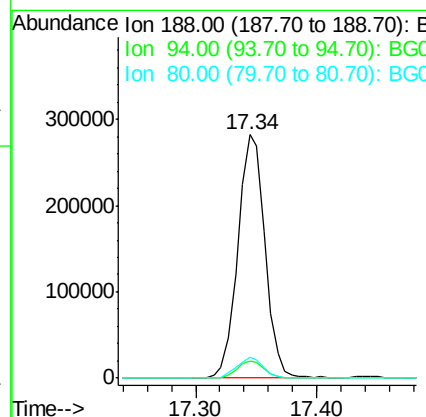
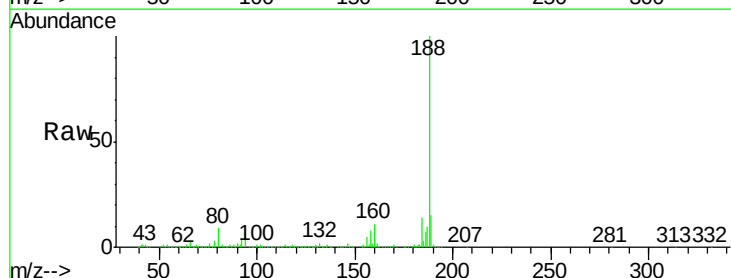
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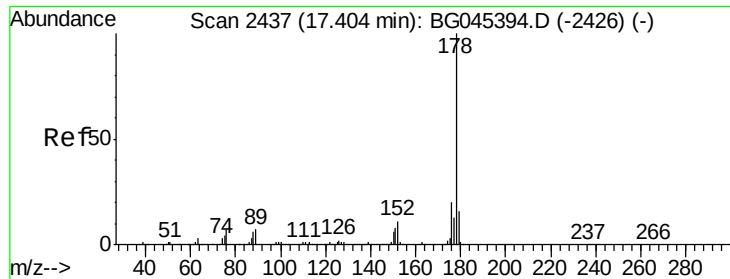
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	442444		
94	6.9		5.5	8.3
80	8.6		6.6	10.0





#71

Phenanthrene

Concen: 3.996 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045567.D

Acq: 1 Jun 2020 22:37

Instrument :

BNA_G

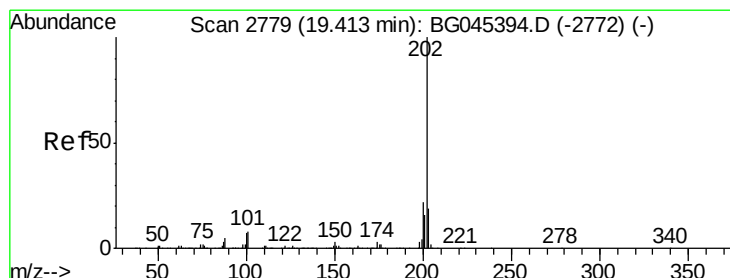
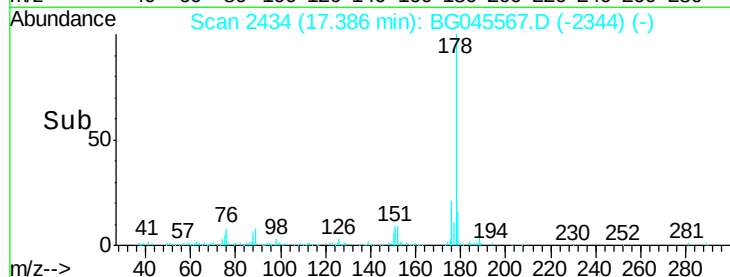
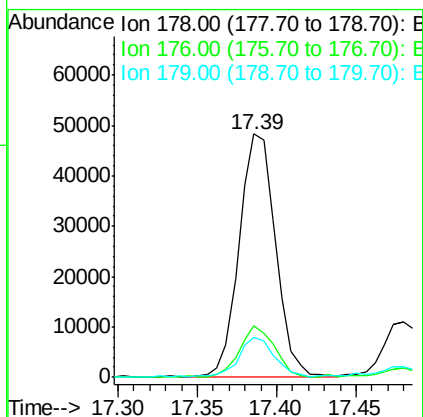
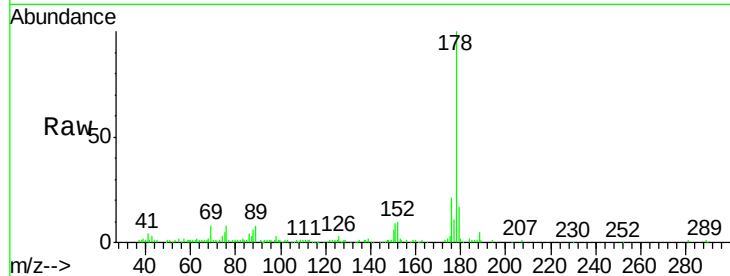
ClientSampleId :

NM97-COMP-2020-0-6

Tot Ion:	178	Resp:	77185
Ion Ratio	Lower	Upper	
178	100		
176	21.2	16.2	24.4
179	16.7	13.1	19.7

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#75

Fluoranthene

Concen: 8.940 ng

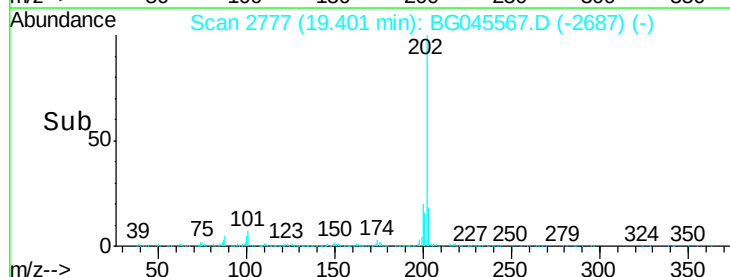
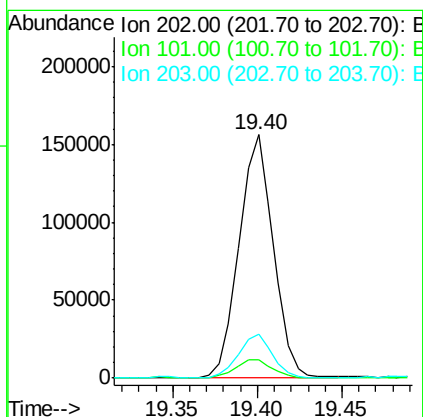
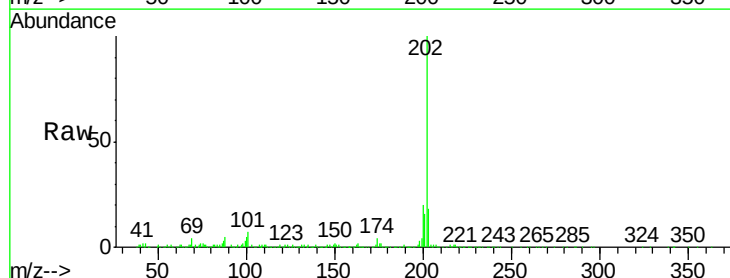
RT: 19.40 min Scan# 2777

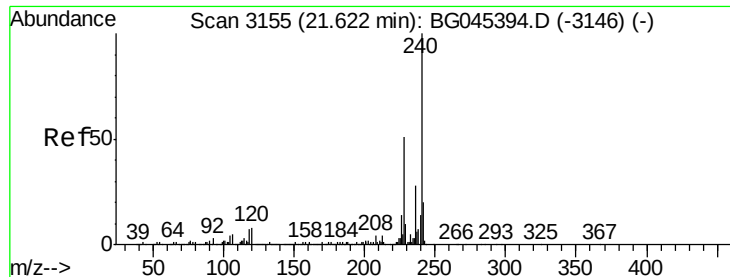
Delta R.T. 0.00 min

Lab File: BG045567.D

Acq: 1 Jun 2020 22:37

Tgt Ion:	202	Resp:	219635
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	28.3
203	17.9	0.0	39.0





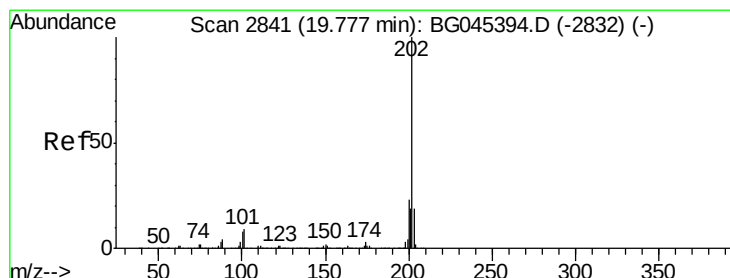
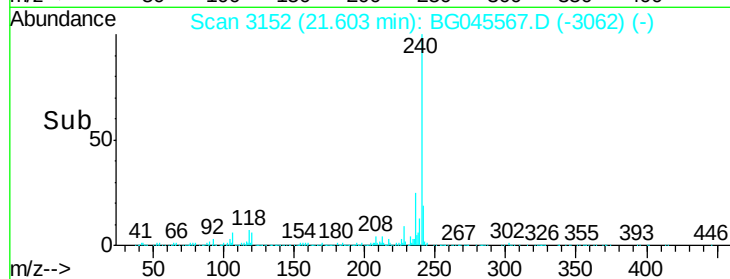
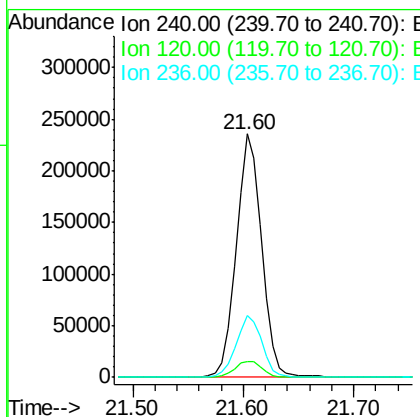
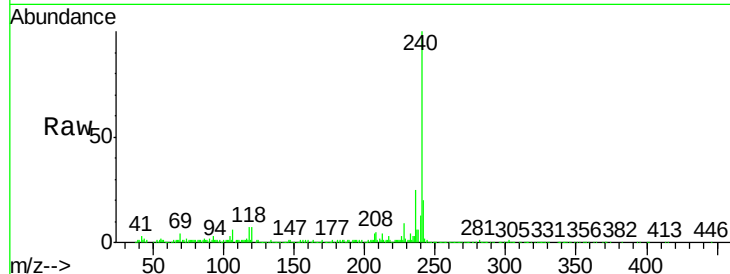
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Instrument :
BNA_G
ClientSampleId :
NM97-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.1	9.1
236	25.4	22.3	33.5

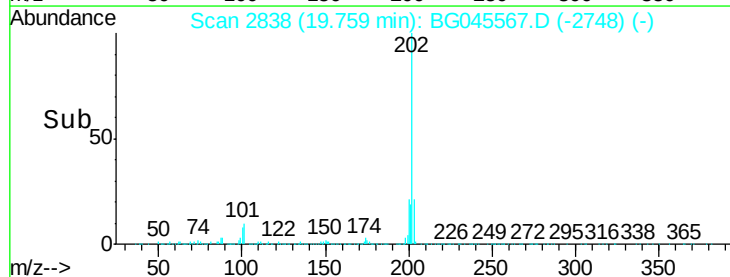
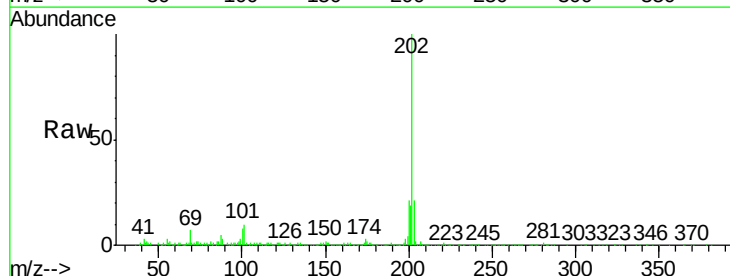
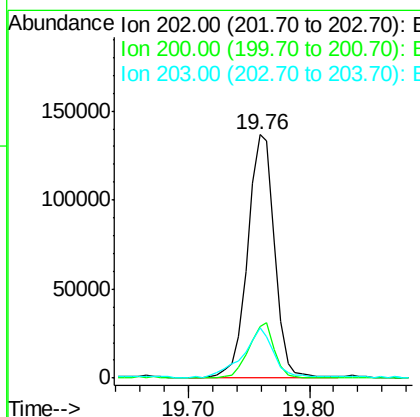
Manual Integrations
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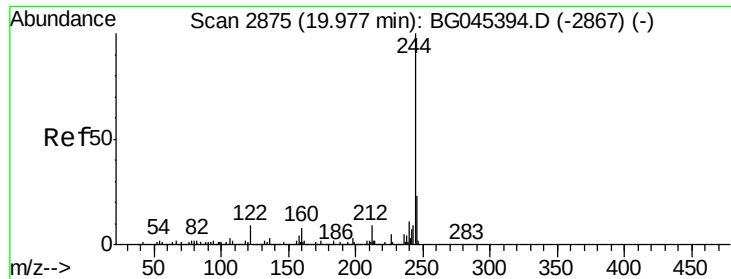
mohammad
6/2/2020 3:23:03 PM



#78
Pyrene
Concen: 9.730 ng
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.2
203	20.8	15.1	22.7





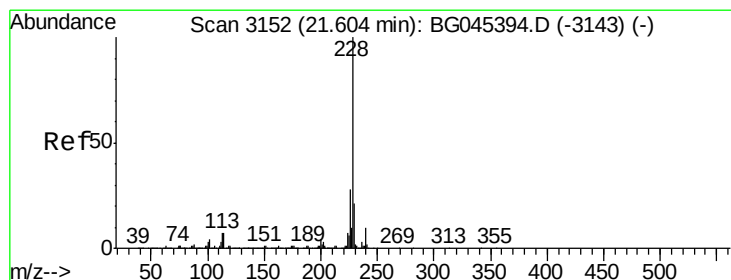
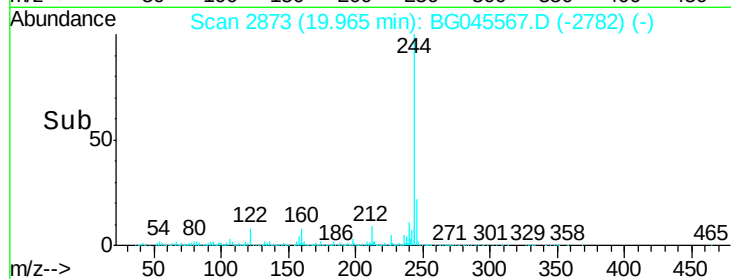
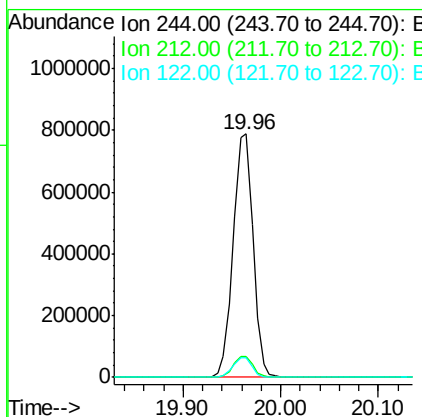
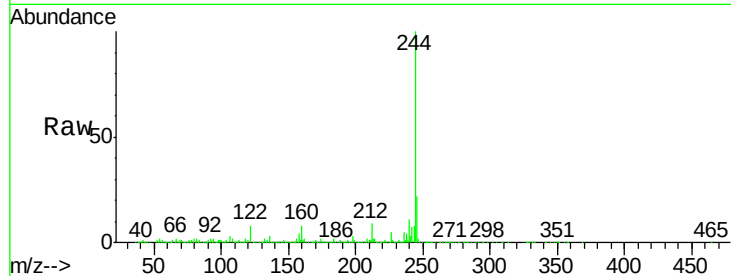
#79
 Terphenyl-d14
 Concen: 68.655 ng
 RT: 19.96 min Scan# 2873
 Delta R.T. 0.01 min
 Lab File: BG045567.D
 Acq: 1 Jun 2020 22:37

Instrument :
 BNA_G
 ClientSampleId :
 NM97-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	7.8	6.8	10.2

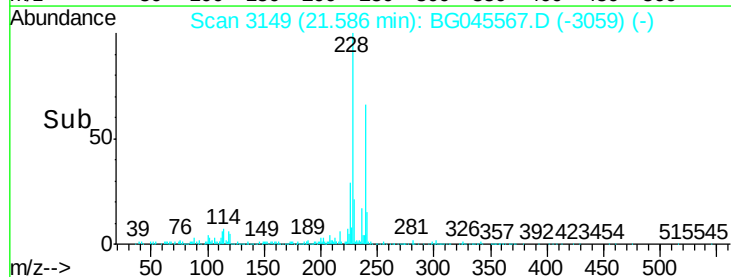
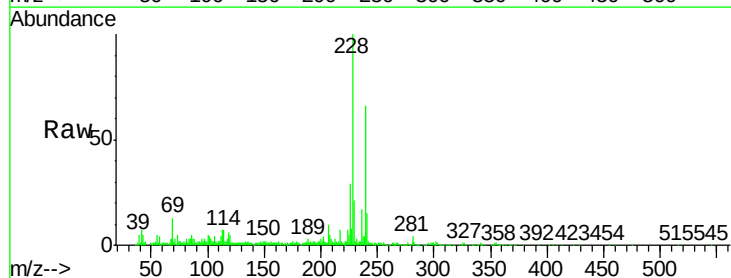
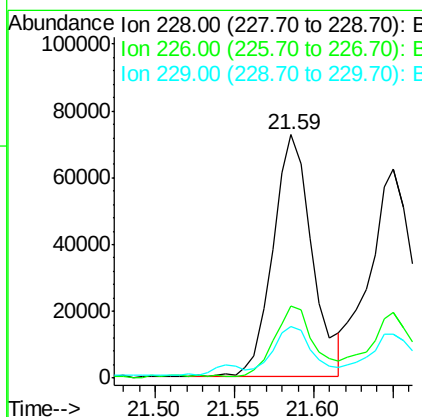
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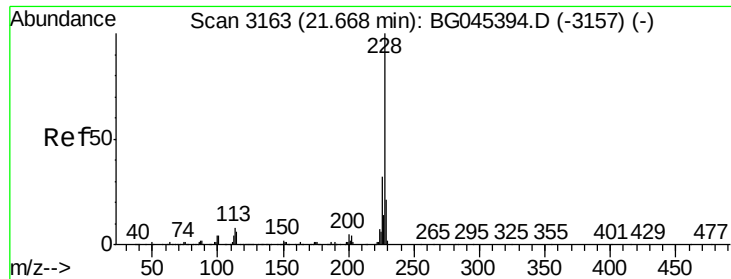
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.881 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG045567.D
 Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	21.2	16.7	25.1





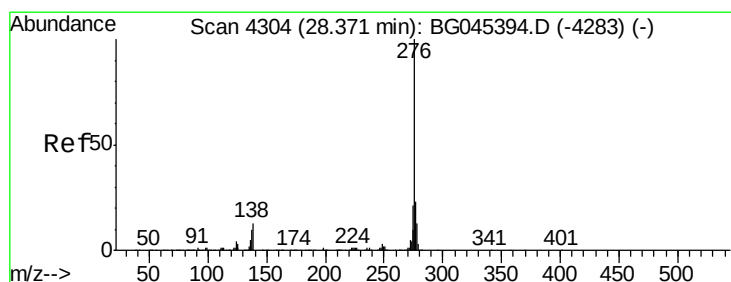
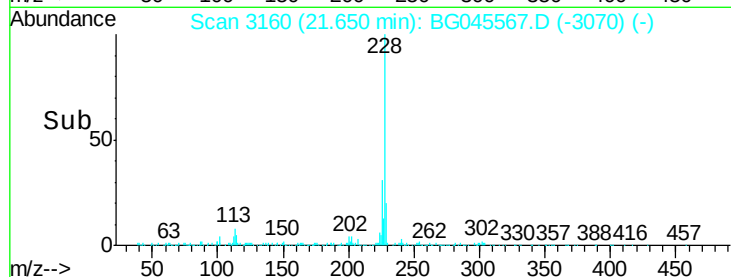
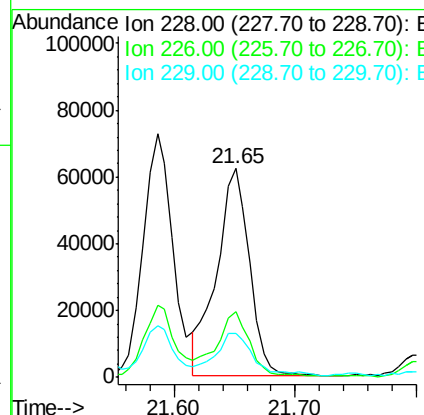
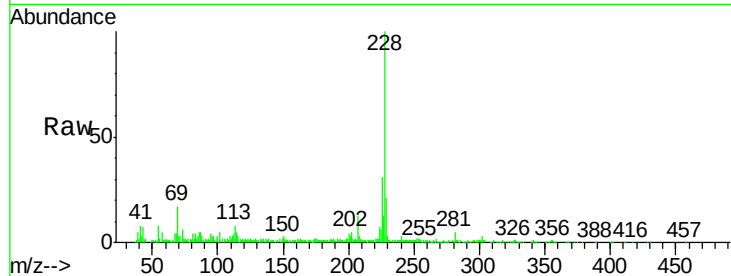
#83
Chrysene
Concen: 5.750 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Instrument :
BNA_G
ClientSampleId :
NM97-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	21.0	16.7	25.1

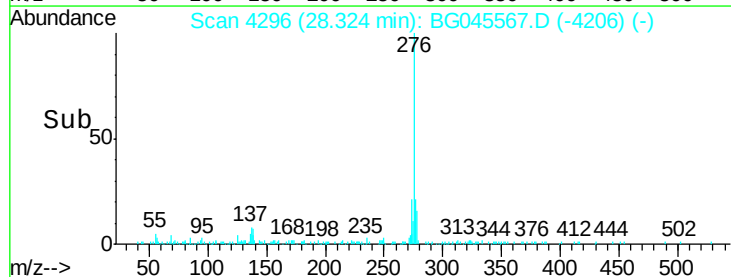
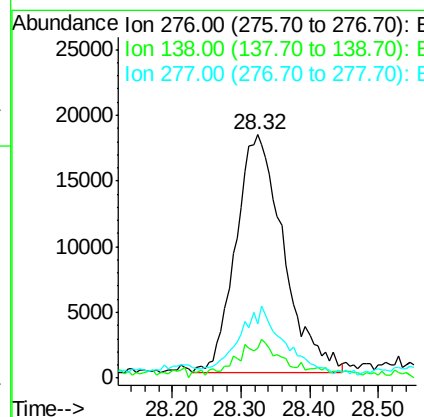
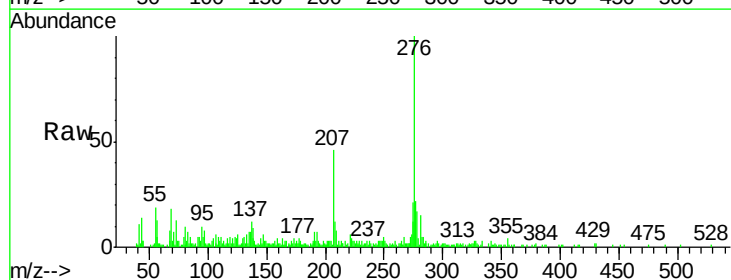
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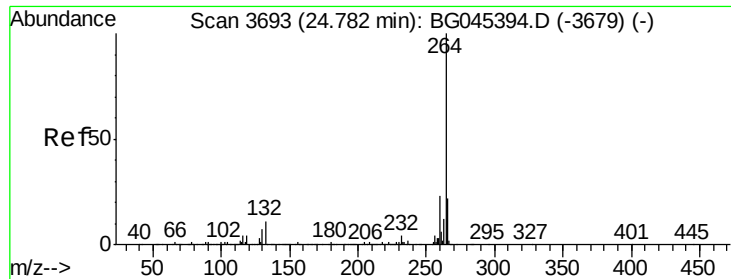
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.275 ng
RT: 28.32 min Scan# 4296
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.4	8.6	12.8
277	25.9	20.2	30.4





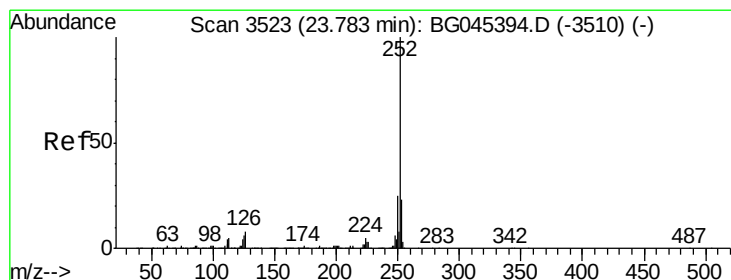
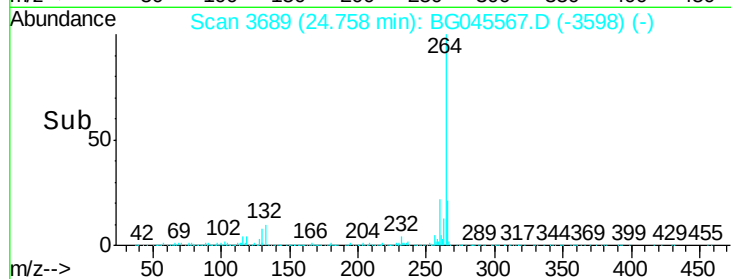
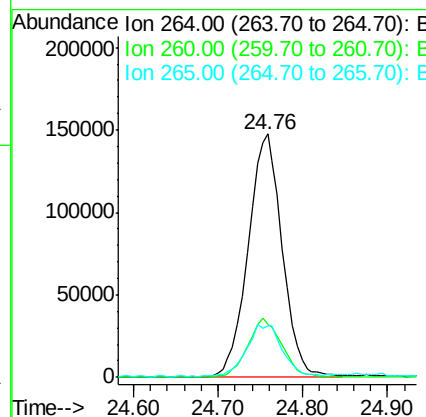
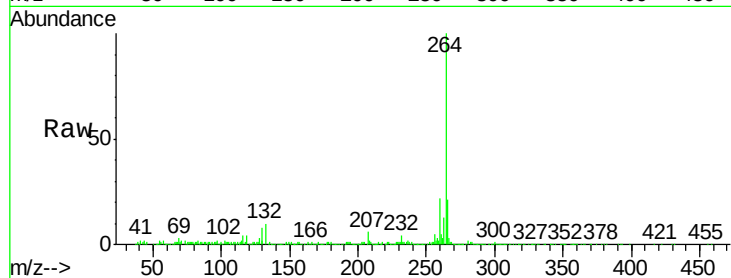
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Instrument :
BNA_G
ClientSampleId :
NM97-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	21.2	17.6	26.4

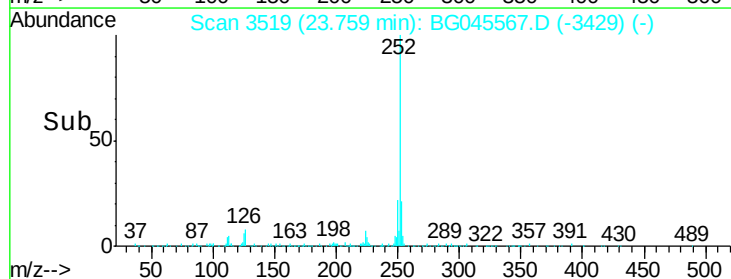
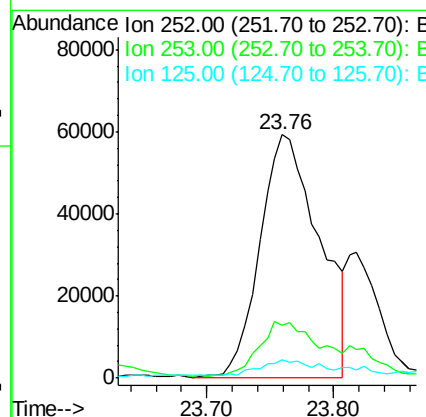
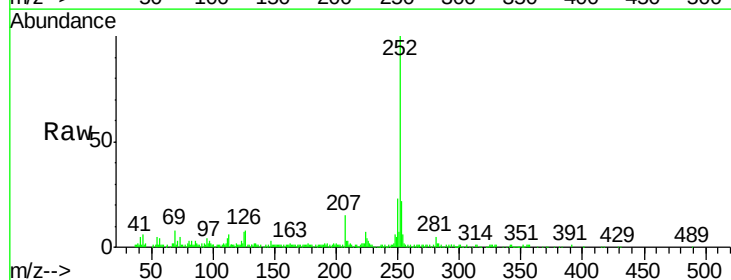
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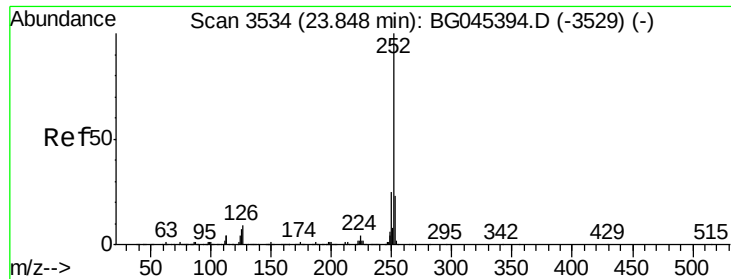
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#88
Benzo(b)fluoranthene
Concen: 8.632 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	7.3	5.0	7.6





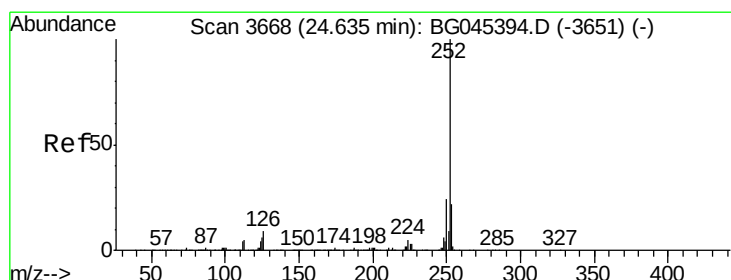
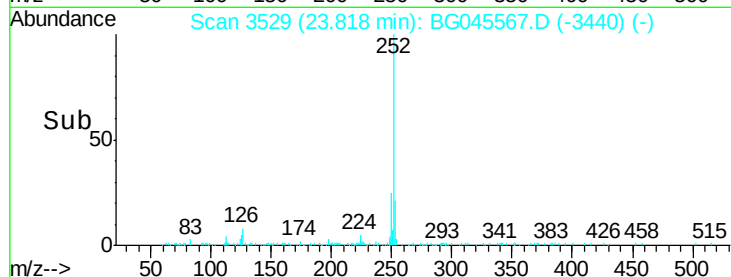
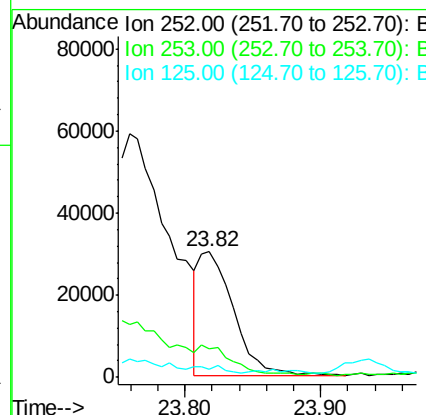
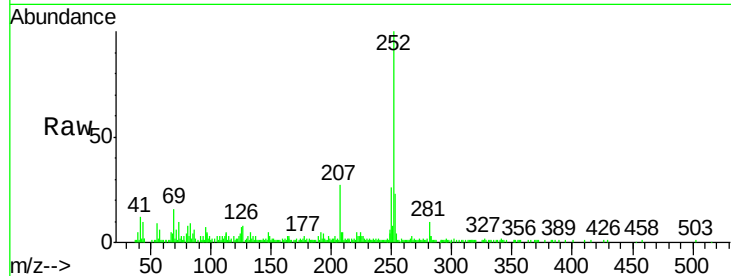
#89
Benzo(k)fluoranthene
Concen: 2.535 ng m
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Instrument :
BNA_G
ClientSampleId :
NM97-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.5	5.7	8.5

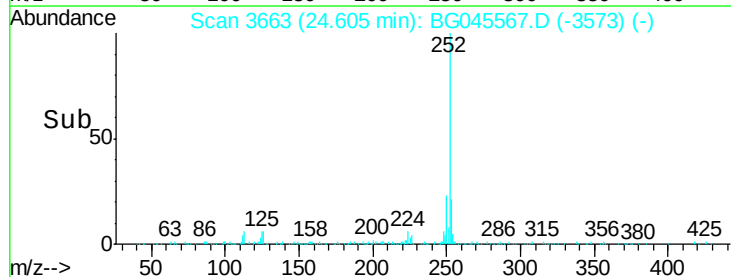
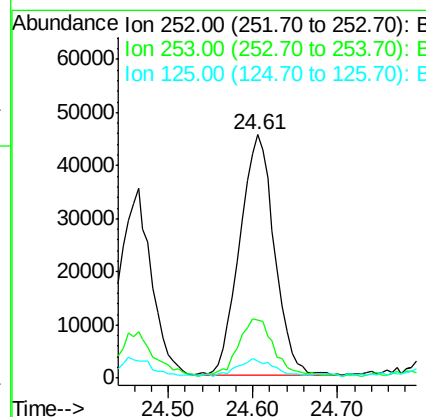
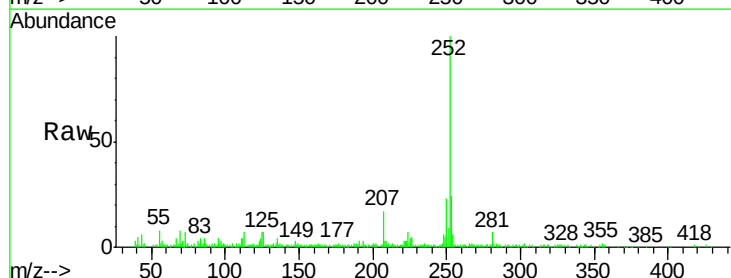
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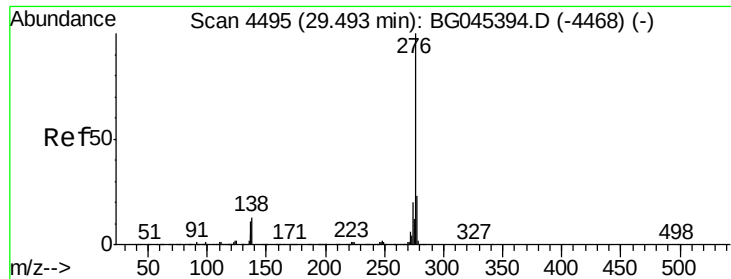
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#90
Benzo(a)pyrene
Concen: 6.209 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045567.D
Acq: 1 Jun 2020 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	7.1	5.0	7.6





#92

Benzo(a,h,i)perylene

Concen: 3.912 ng

RT: 29.43 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG045567.D

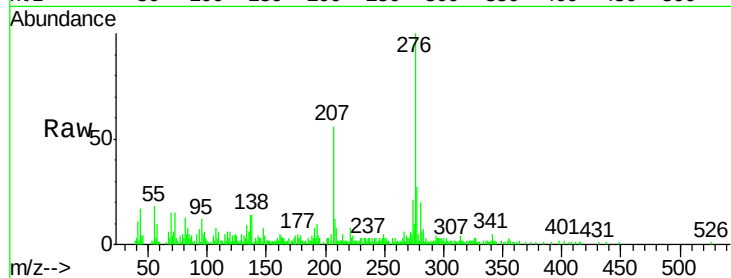
Acq: 1 Jun 2020 22:37

Instrument :

BNA_G

ClientSampleId :

NM97-COMP-2020-0-6



Tot Ion:	276	Resp:	81281
Ion Ratio	Lower	Upper	
276	100		
277	26.5	18.1	27.1
138	13.9	10.2	15.4

Manual Integrations
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