

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044678.D
 Acq On : 4 Mar 2020 1:29
 Operator : CG/JU
 Sample : L1770-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Manual Integrations
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Quant Time: Mar 04 04:53:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	93707m	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	381500	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	237613	20.00	ng	-0.06
64) Phenanthrene-d10	17.21	188	480342	20.00	ng	-0.05
76) Chrysene-d12	21.44	240	424303	20.00	ng	-0.07
87) Perylene-d12	24.47	264	489660	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	223056	38.19	ng	-0.07
7) Phenol-d6	6.98	99	300020	37.53	ng	-0.07
23) Nitrobenzene-d5	8.96	82	178953	24.17	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	112319	33.34	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	408767	24.63	ng	-0.06
79) Terphenyl-d14	19.83	244	567621	25.32	ng	-0.05
Target Compounds						
50) Dimethylphthalate	13.91	163	63888	3.331	ng	Qvalue 97
71) Phenanthrene	17.25	178	98502	3.704	ng	97
75) Fluoranthene	19.26	202	165172	5.247	ng	98
78) Pyrene	19.62	202	147609	4.792	ng	98
81) Benzo(a)anthracene	21.42	228	77354	2.594	ng	98
83) Chrysene	21.48	228	71327	2.474	ng	94
88) Benzo(b)fluoranthene	23.51	252	96897	3.010	ng	# 89
90) Benzo(a)pyrene	24.32	252	74366	2.459	ng	# 93

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

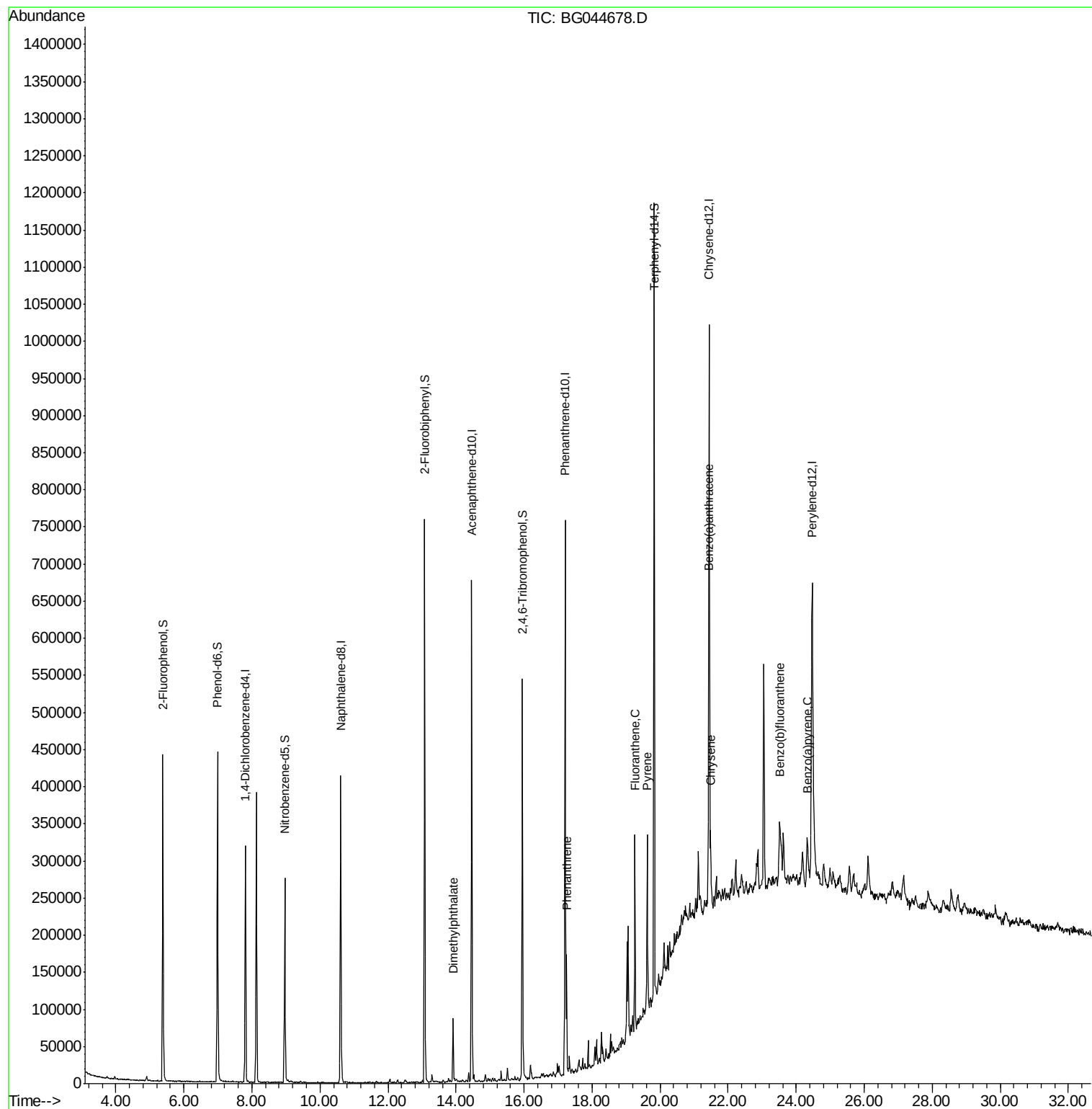
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044678.D
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Operator : CG/JU
Sample : L1770-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

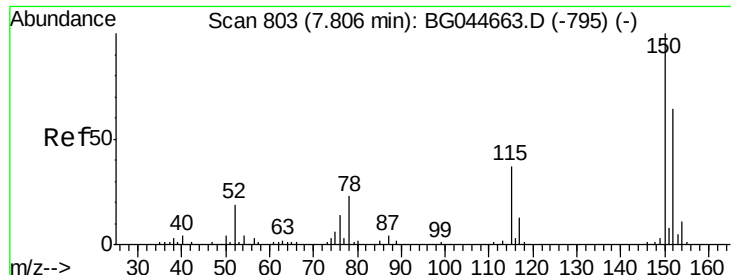
Instrument :
BNA_G
ClientSampleId :
C-1

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Quant Time: Mar 04 04:53:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

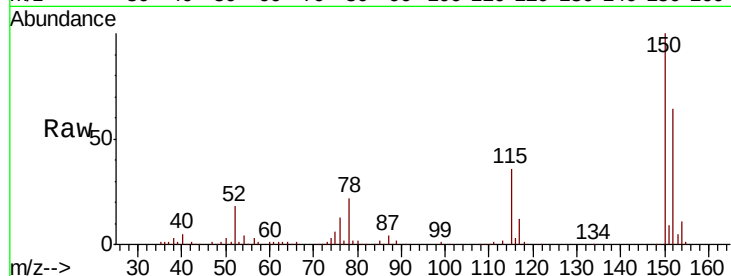
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Instrument :
BNA_G
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.9	193.3
115	57.0	47.0	70.4

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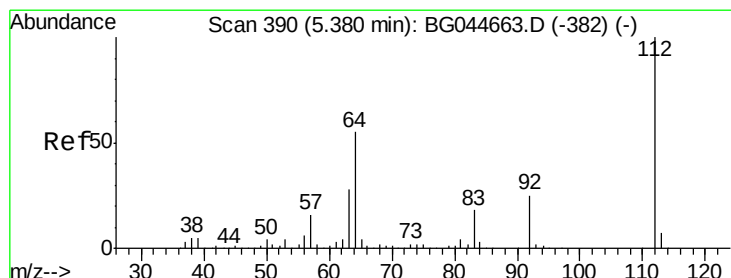
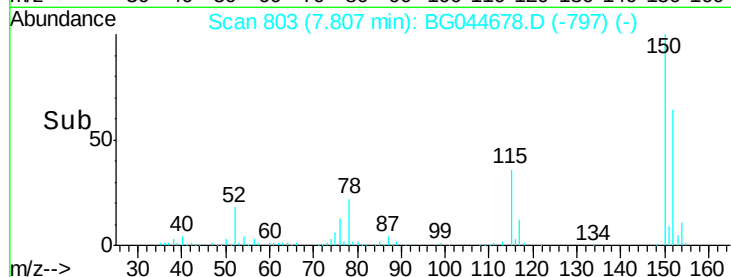
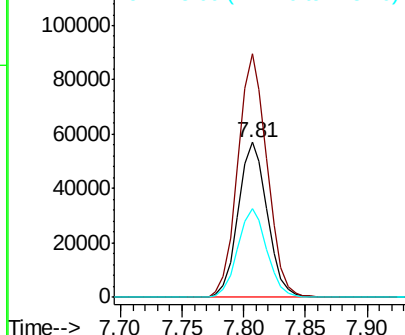


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

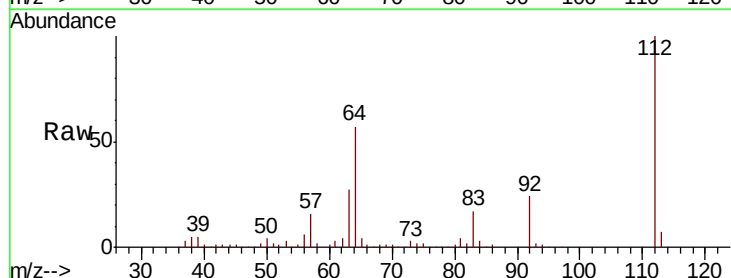
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.192 ng
RT: 5.38 min Scan# 390
Delta R.T. -0.07 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.8	67.2
63	26.9	22.3	33.5

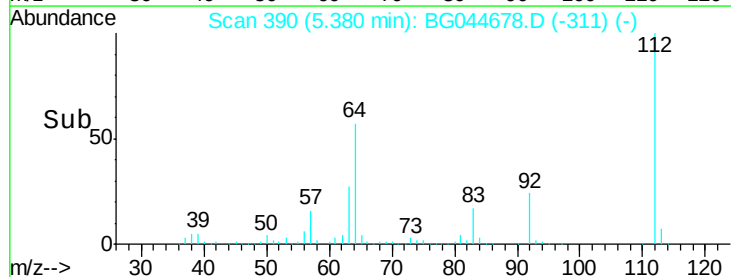
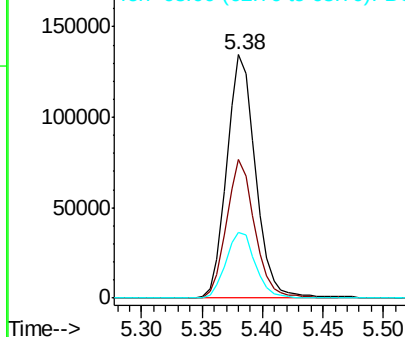


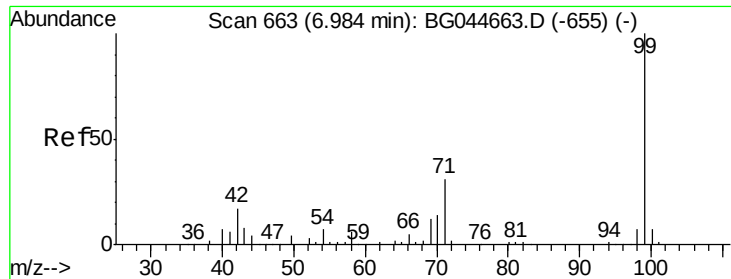
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.529 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044678.D

Acq: 4 Mar 2020 1:29

Instrument :

BNA_G

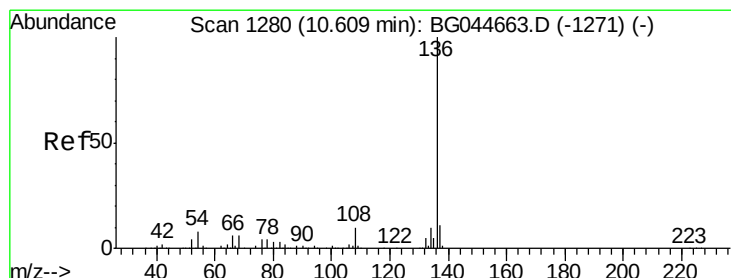
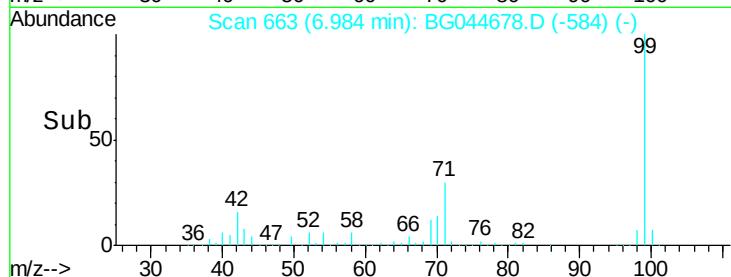
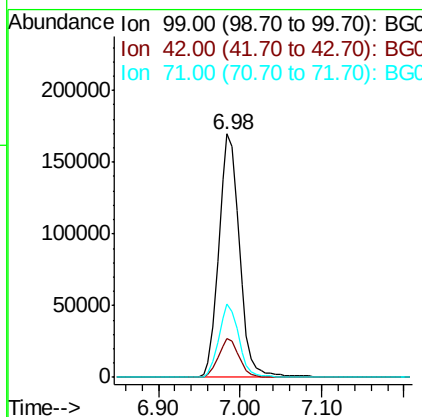
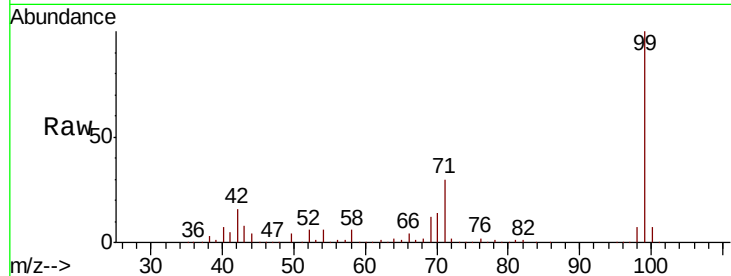
ClientSampled :

C-1

Tot Ion:	99	Resp:	300020
Ion Ratio	Lower	Upper	
99	100		
42	16.2	12.8	19.2
71	30.2	24.4	36.6

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#21

Naphthalene-d8

Concen: 20.000 ng

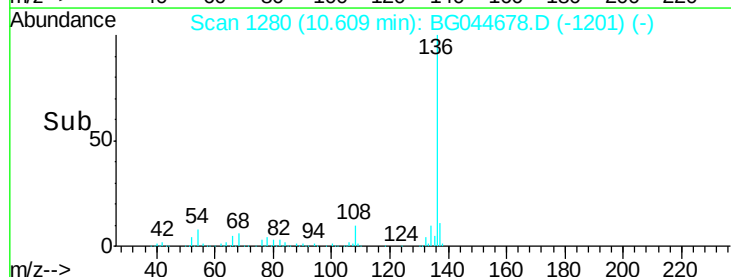
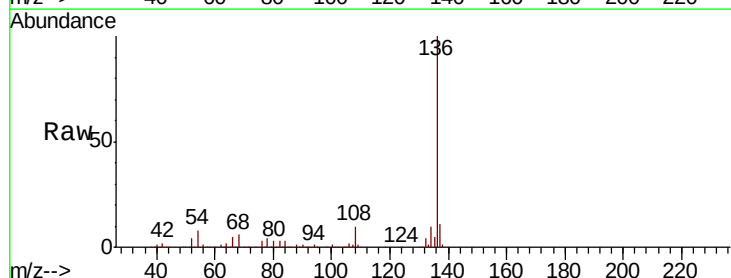
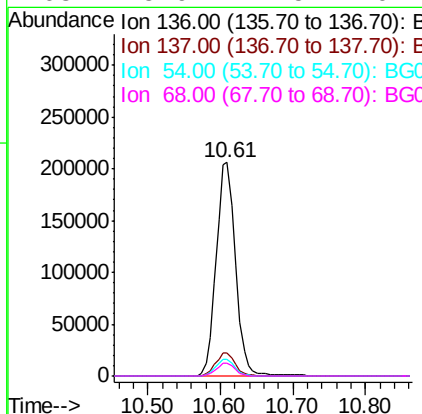
RT: 10.61 min Scan# 1280

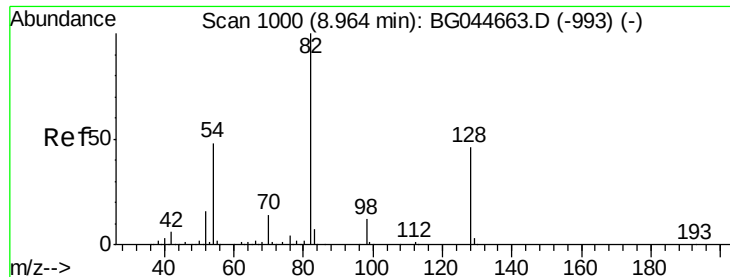
Delta R.T. -0.07 min

Lab File: BG044678.D

Acq: 4 Mar 2020 1:29

Tgt Ion:	136	Resp:	381500
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	7.6	5.7	8.5
68	5.9	4.5	6.7





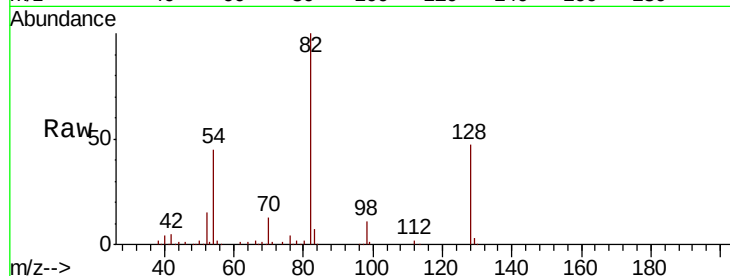
#23
Nitrobenzene-d5
Concen: 24.166 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Instrument :
BNA_G
ClientSampled :
C-1

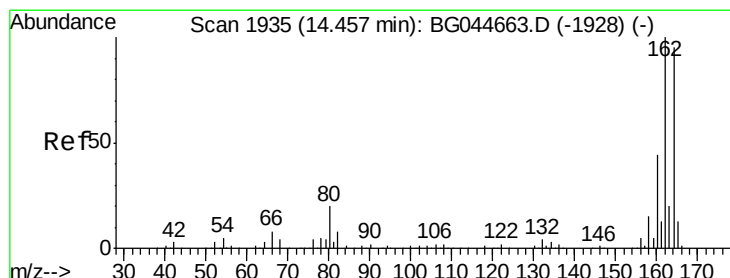
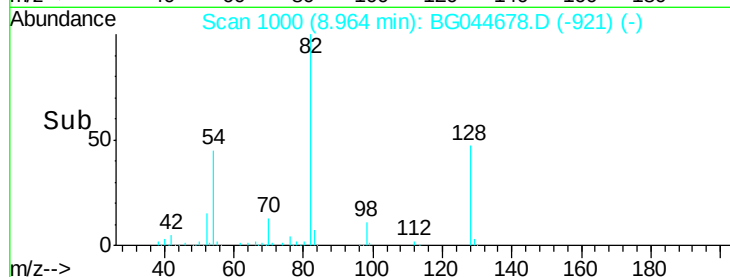
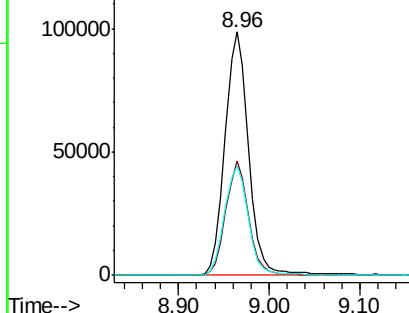
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.1	57.1
54	44.8	37.5	56.3

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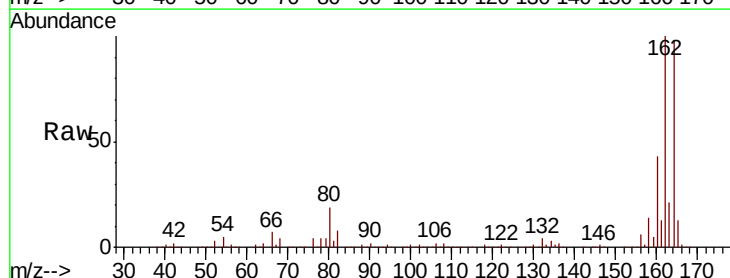


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

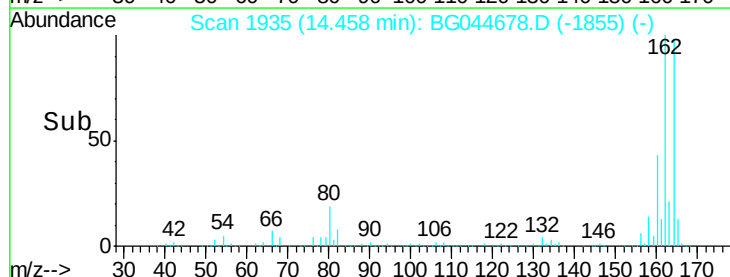
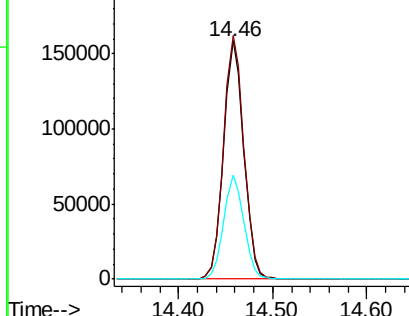


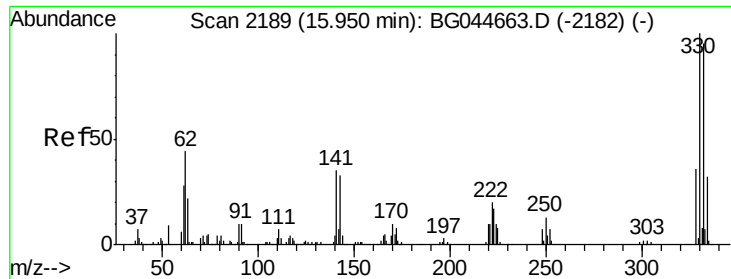
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.6	125.4
160	43.5	36.2	54.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





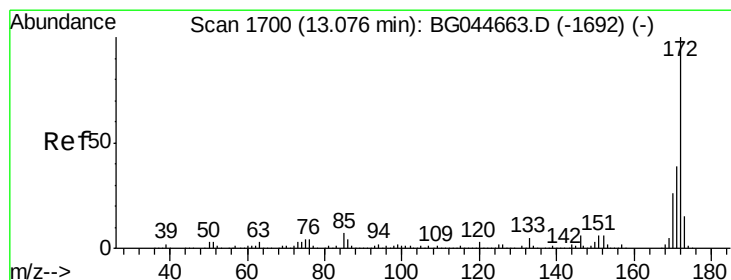
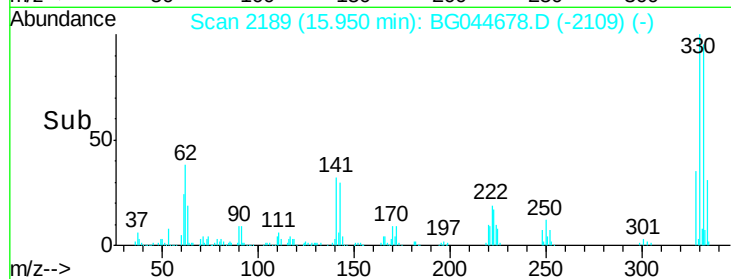
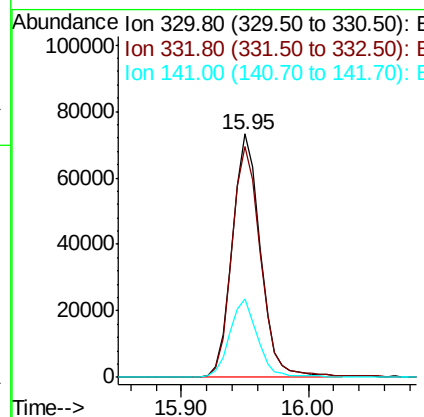
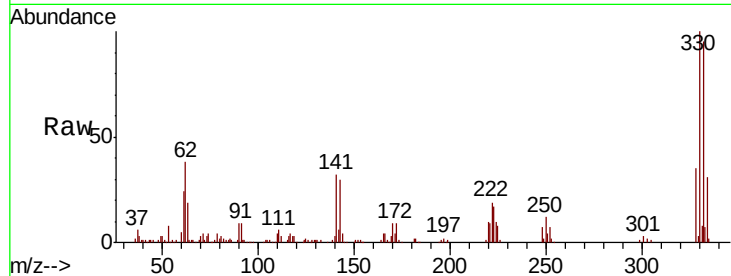
#42
 2,4,6-Tribromophenol
 Concen: 33.337 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044678.D
 Acq: 4 Mar 2020 1:29

Instrument :
 BNA_G
 ClientSampled :
 C-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	112319		
332	96.8	77.4	116.0	
141	32.1	26.1	39.1	

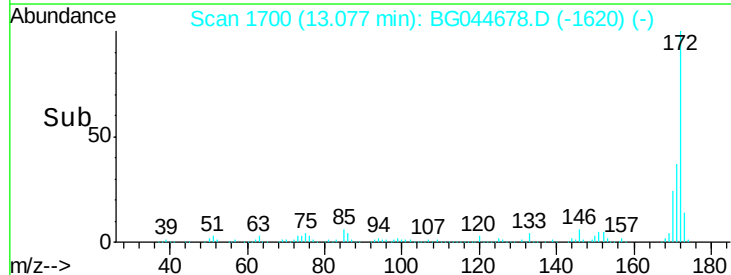
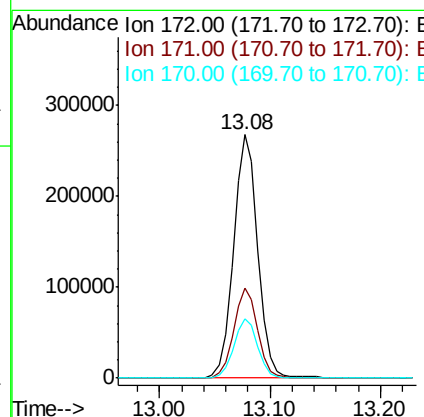
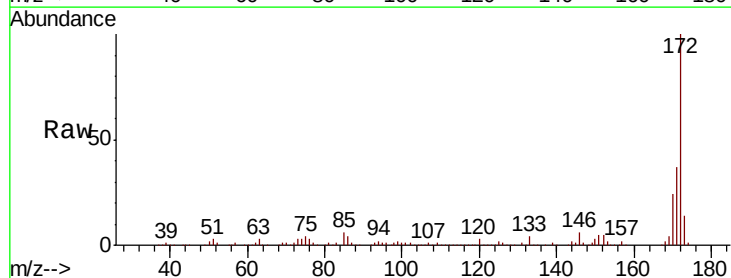
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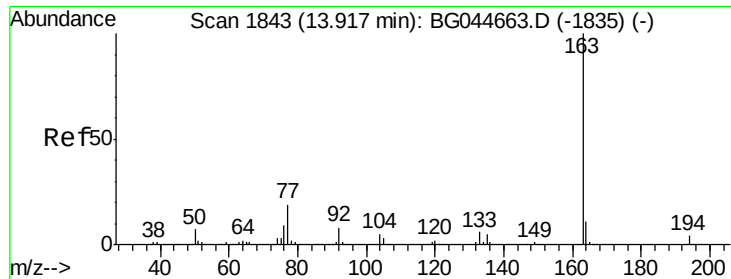
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#45
 2-Fluorobiphenyl
 Concen: 24.635 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044678.D
 Acq: 4 Mar 2020 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	408767		
171	36.9	31.3	46.9	
170	24.5	21.0	31.4	





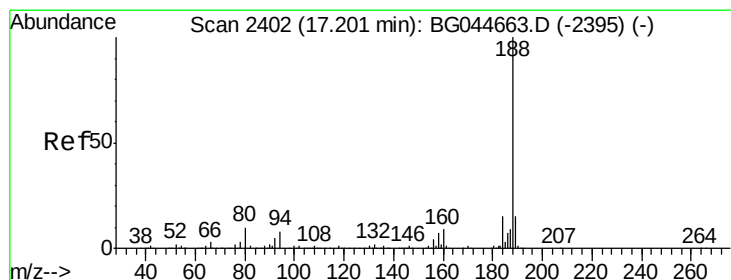
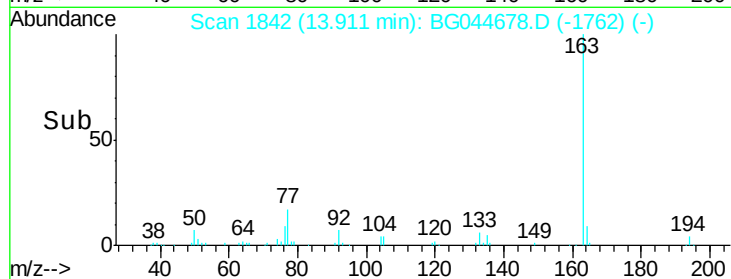
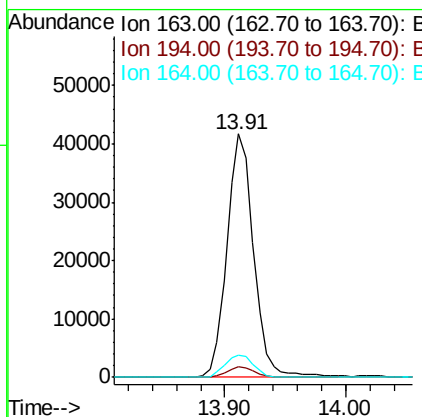
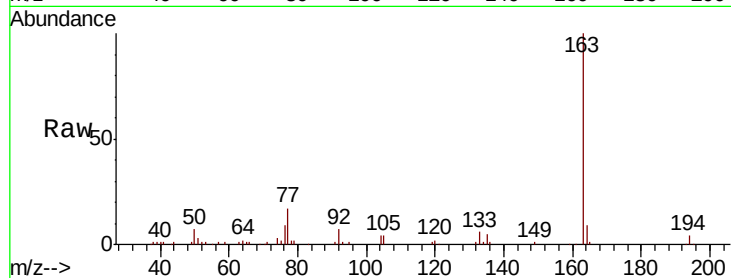
#50
Dimethylphthalate
Concen: 3.331 ng
RT: 13.91 min Scan# 1842
Delta R.T. -0.06 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Instrument :
BNA_G
ClientSampled :
C-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.2	8.7	13.1

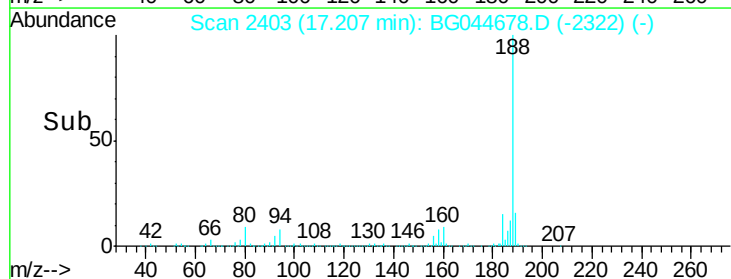
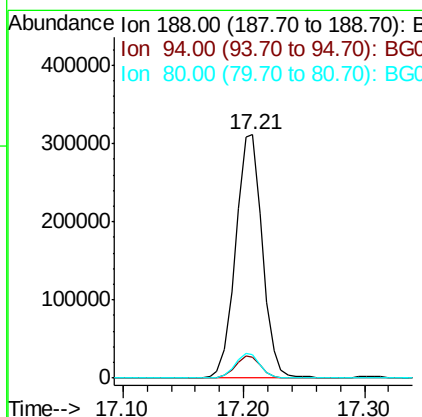
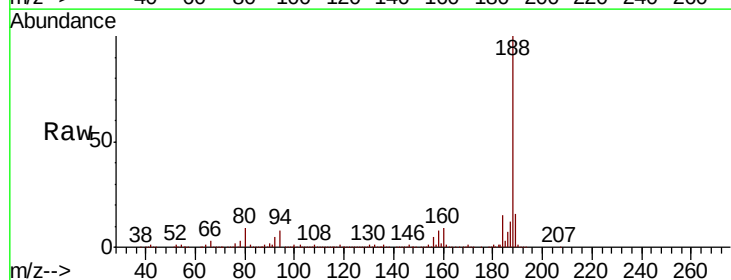
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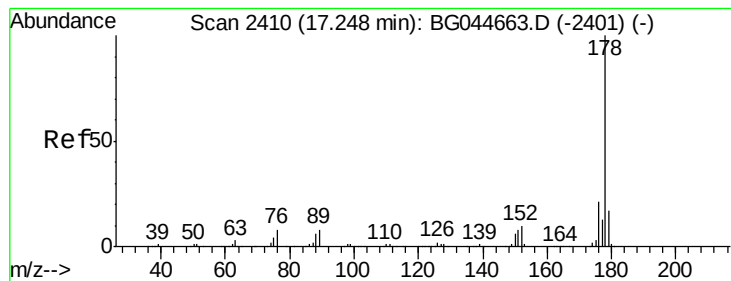
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2403
Delta R.T. -0.05 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.4	7.6	11.4





#71

Phenanthrene

Concen: 3.704 ng

RT: 17.25 min Scan# 2410

Delta R.T. -0.05 min

Lab File: BG044678.D

Acq: 4 Mar 2020 1:29

Instrument :

BNA_G

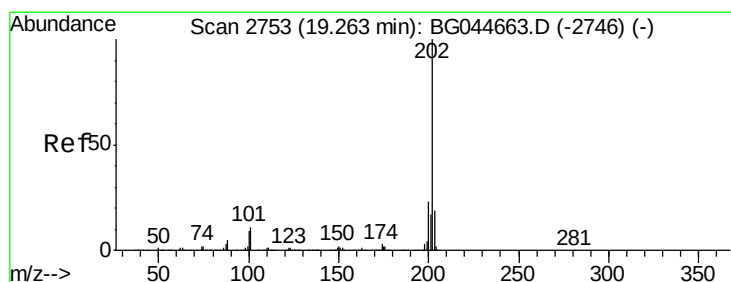
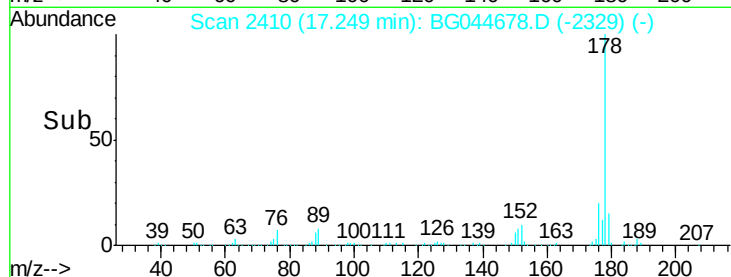
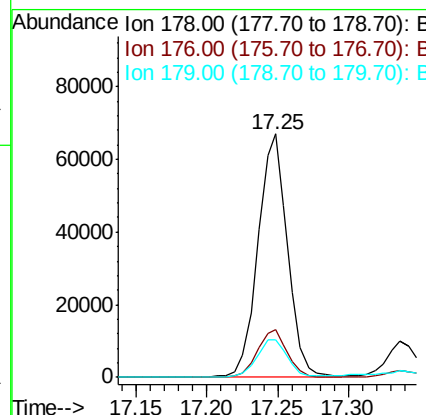
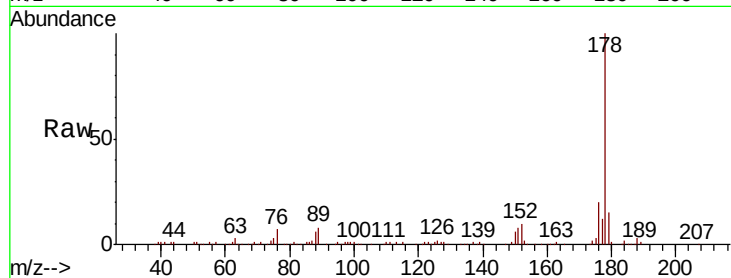
ClientSampleId :

C-1

Tot Ion:	178	Resp:	98502
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.6	25.0
179	15.2	13.3	19.9

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#75

Fluoranthene

Concen: 5.247 ng

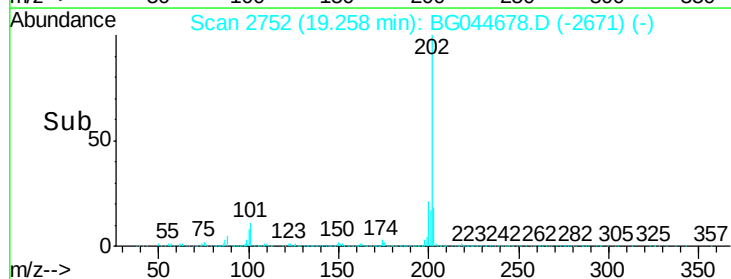
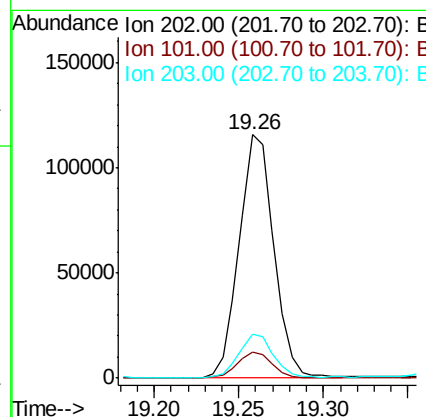
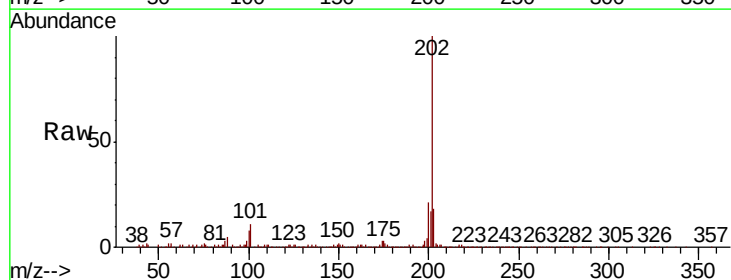
RT: 19.26 min Scan# 2752

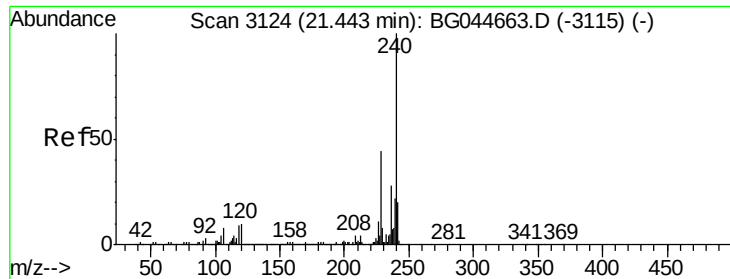
Delta R.T. -0.05 min

Lab File: BG044678.D

Acq: 4 Mar 2020 1:29

Tgt Ion:	202	Resp:	165172
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.0
203	18.1	0.0	39.2





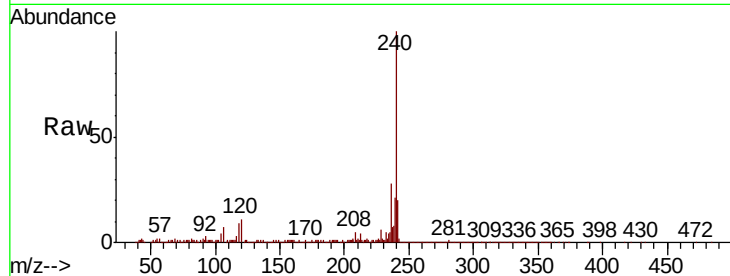
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Instrument :
BNA_G
ClientSampleId :
C-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	27.8	22.3	33.5

Manual Integrations
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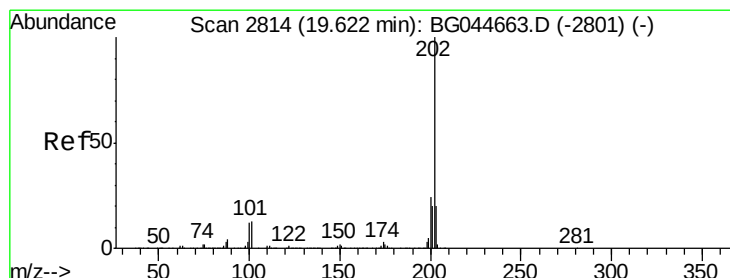
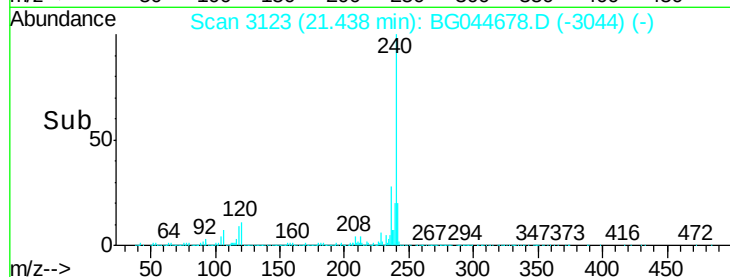
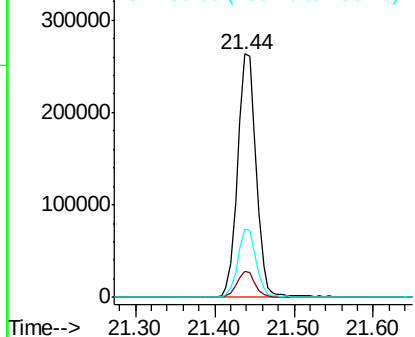


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 4.792 ng
RT: 19.62 min Scan# 2814
Delta R.T. -0.05 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

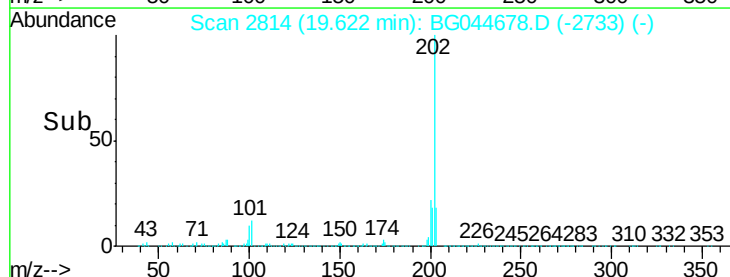
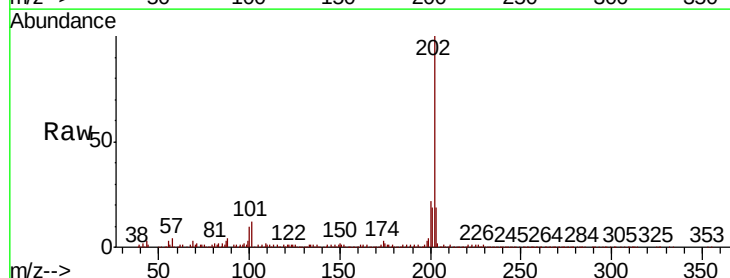
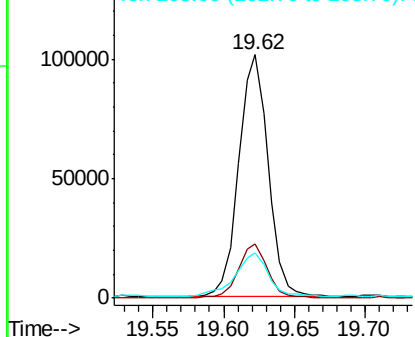
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.6	28.0
203	18.6	15.3	22.9

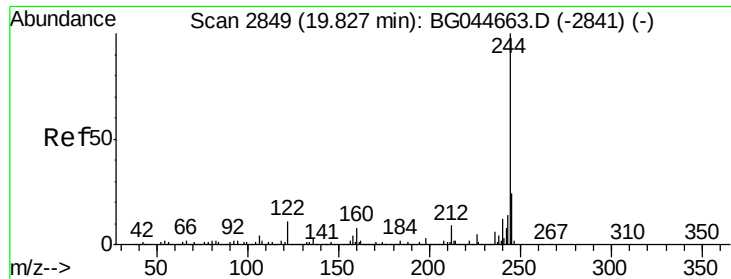
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





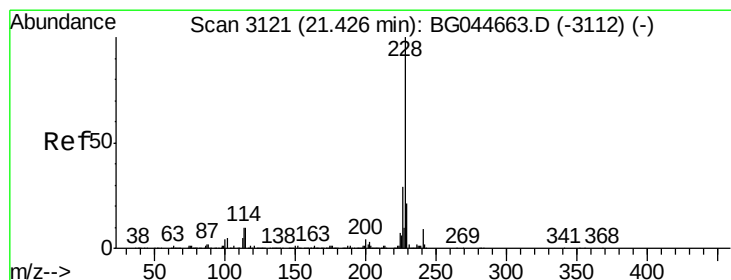
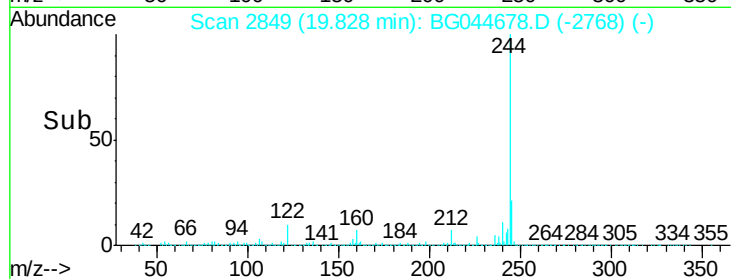
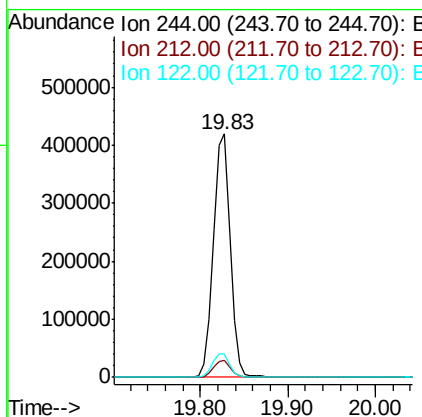
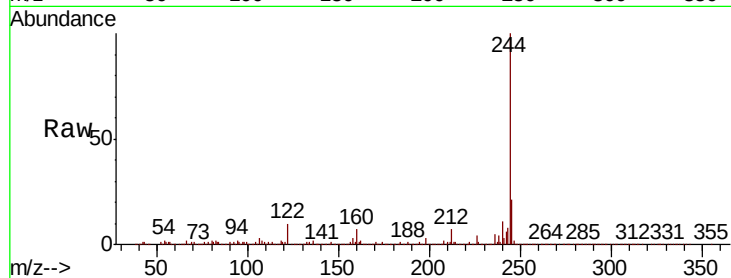
#79
 Terphenyl-d14
 Concen: 25.325 ng
 RT: 19.83 min Scan# 2849
 Delta R.T. -0.05 min
 Lab File: BG044678.D
 Acq: 4 Mar 2020 1:29

Instrument :
 BNA_G
 ClientSampled :
 C-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	9.8	8.2	12.4

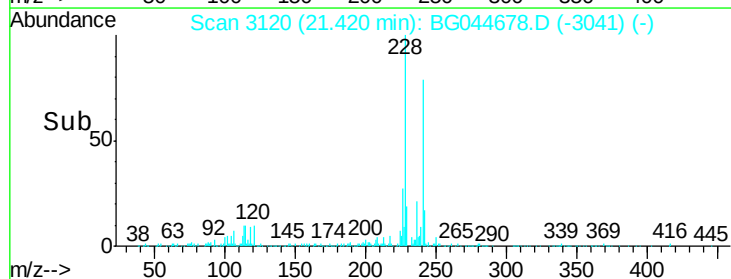
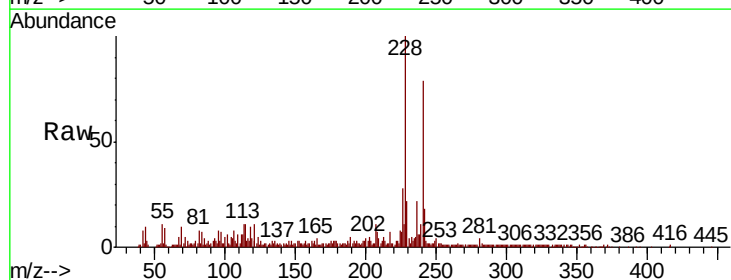
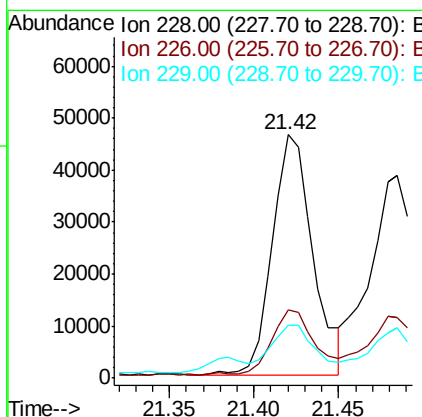
Manual Integrations
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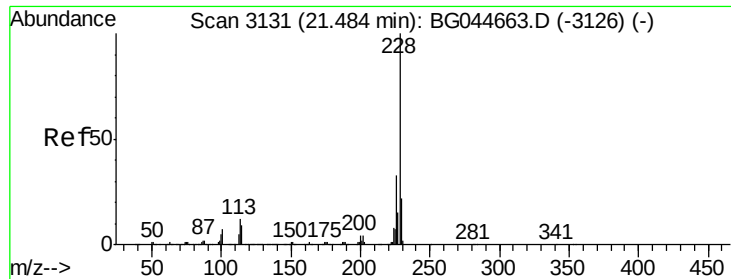
mohammad
 3/4/2020 2:48:05 PM



#81
 Benzo(a)anthracene
 Concen: 2.594 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.07 min
 Lab File: BG044678.D
 Acq: 4 Mar 2020 1:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.8	35.8
229	21.8	17.2	25.8





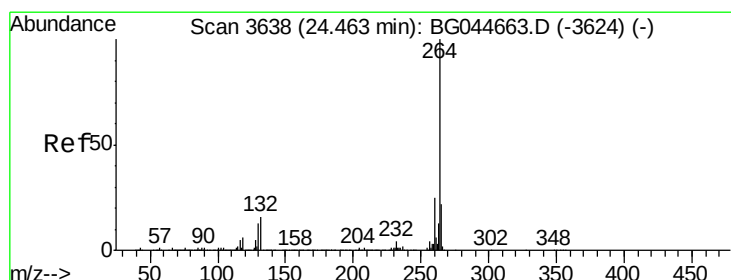
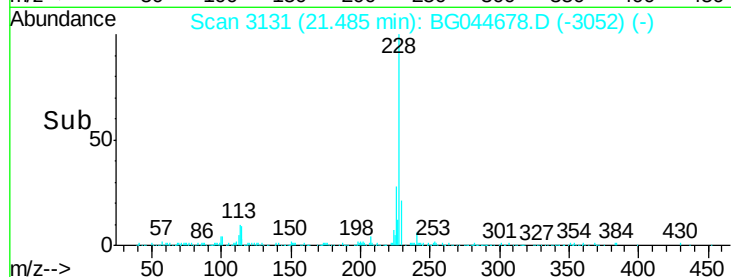
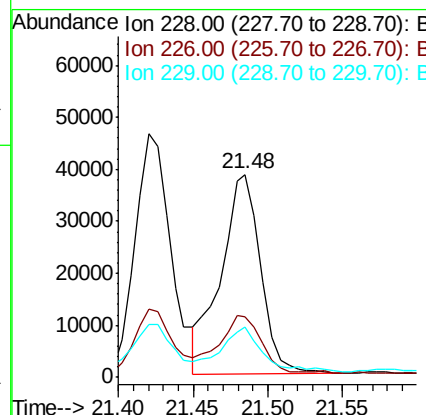
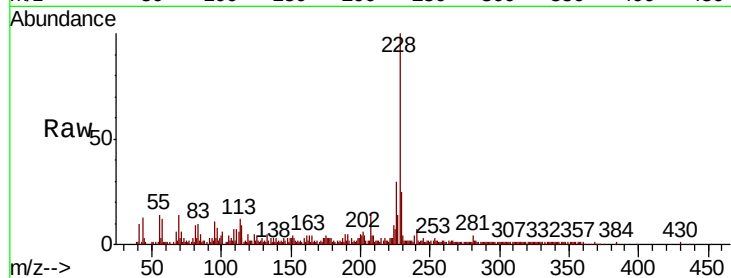
#83
Chrysene
Concen: 2.474 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.07 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Instrument :
BNA_G
ClientSampleId :
C-1

Tot Ion:	228	Resp:	71327
Ion Ratio	Lower	Upper	
228	100		
226	29.6	26.1	39.1
229	24.6	17.2	25.8

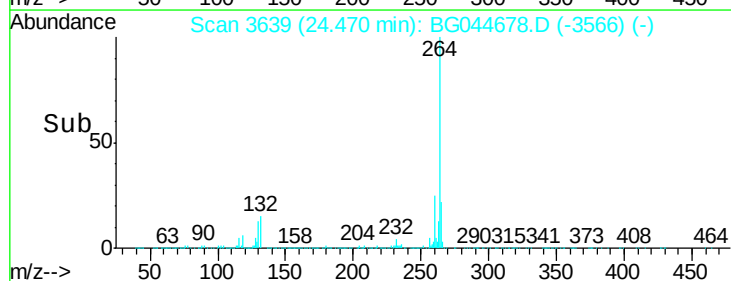
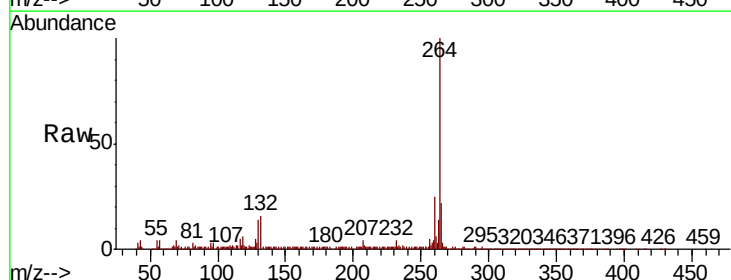
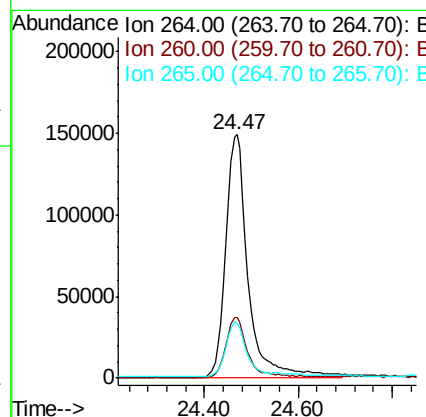
Manual Integrations
APPROVED

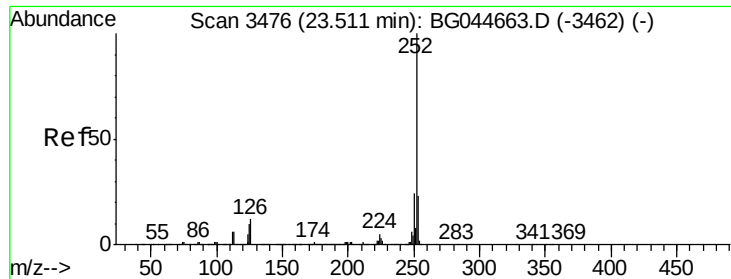
mohammad
3/4/2020 2:48:05 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.10 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Tgt Ion:	264	Resp:	489660
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.7	29.5
265	22.4	17.8	26.8





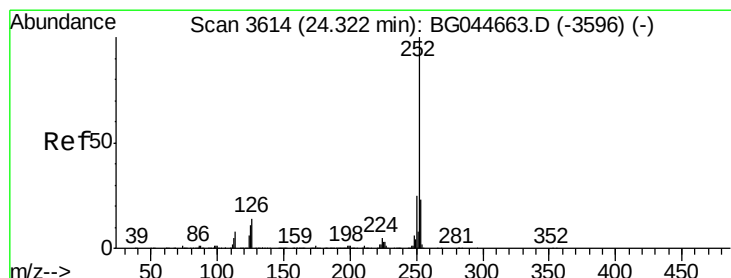
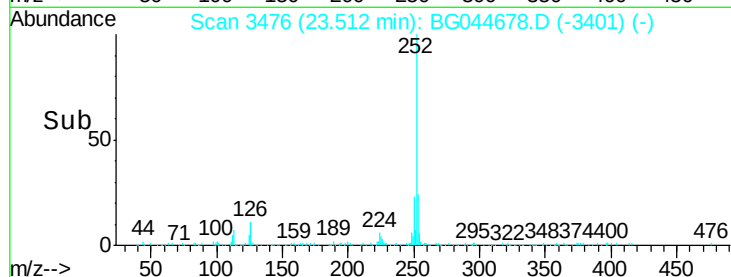
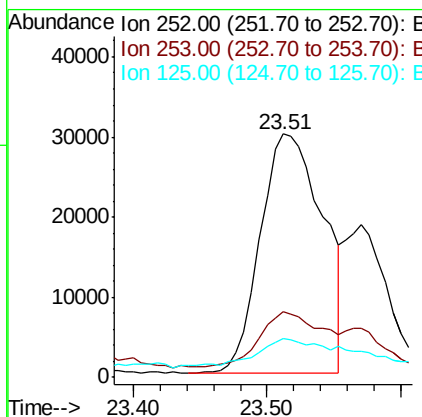
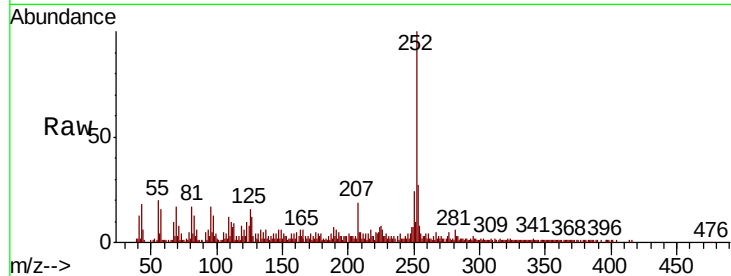
#88
Benzo(b)fluoranthene
Concen: 3.010 ng
RT: 23.51 min Scan# 3476
Delta R.T. -0.09 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Instrument :
BNA_G
ClientSampleId :
C-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.4	27.6
125	15.8	7.9	11.9

Manual Integrations
APPROVED

mohammad
3/4/2020 2:48:05 PM



#90
Benzo(a)pyrene
Concen: 2.459 ng
RT: 24.32 min Scan# 3614
Delta R.T. -0.11 min
Lab File: BG044678.D
Acq: 4 Mar 2020 1:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.0	28.4
125	15.8	8.5	12.7

