

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048204.D
 Acq On : 19 Feb 2021 12:50
 Operator : CG/JU
 Sample : M1379-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DBGP4

Manual Integrations
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 2/22/2021 2:08:34 PM

Quant Time: Feb 19 13:34:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 19 11:17:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	122708	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	92680	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	252560	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	264405	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	252640	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	3211	4.42	ng/uL	0.00
5) Phenol-d5	7.30	99	84193	33.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	47375	31.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	58904	32.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	63496	31.78	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	29946	32.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	37793	34.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	69948	32.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	79560	37.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	235923	34.36	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	285408	34.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	42581	36.50	ng/ul	0.00
58) Fluorene-d10	15.73	176	215056	35.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	48470	31.30	ng/ul	0.00
71) Anthracene-d10	17.58	188	369860	34.16	ng/ul	0.00
79) Pyrene-d10	19.86	212	452079	34.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	453731	35.20	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.55	88	10978	13.183	ng/uL	87
4) Benzaldehyde	7.25	77	50944	34.022	ng/ul	95
6) Phenol	7.32	94	130201	49.513	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.53	93	66419	33.444	ng/ul	92
17) Hexachloroethane	9.20	117	42551	50.366	ng/ul	94
20) Nitrobenzene	9.32	77	52854	18.932	ng/ul	98
23) 2-Nitrophenol	10.04	139	43070	38.096	ng/ul	98
28) Naphthalene	10.98	128	243287	39.308	ng/ul	98
34) 2-Methylnaphthalene	12.58	142	245401	52.163	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	63151	18.942	ng/ul	96
40) 2,4,5-Trichlorophenol	13.27	196	128890	61.779	ng/ul	92
41) 1,1'-Biphenyl	13.57	154	241480	37.982	ng/ul	99
42) 2-Chloronaphthalene	13.62	162	189776	36.227	ng/ul	99
48) Acenaphthylene	14.47	152	274909	36.628	ng/ul	99
50) Acenaphthene	14.81	153	171345	30.418	ng/ul	99
53) 4-Nitrophenol	14.99	109	33187m	25.200	ng/ul	
54) Dibenzofuran	15.13	168	130181	15.835	ng/ul	95
55) 2,4-Dinitrotoluene	15.11	165	52936	24.692	ng/ul	97
57) Diethylphthalate	15.55	149	141991	19.383	ng/ul	98
59) Fluorene	15.79	166	234665	35.308	ng/ul	99
67) Hexachlorobenzene	16.79	284	45373	14.339	ng/ul	95
70) Phenanthrene	17.53	178	369158	29.092	ng/ul	99
72) Anthracene	17.62	178	613392	47.920	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

77) Fluoranthene	19.53	202	459221	29.681	ng/ul	98
80) Pyrene	19.89	202	399324	24.309	ng/ul	100
83) Benzo(a)anthracene	21.74	228	365549	22.129	ng/ul	98
85) Chrysene	21.80	228	291183	18.445	ng/ul	99
87) Di-n-octyl phthalate	22.86	149	272496	21.005	ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	595340	37.526	ng/ul	98
89) Benzo(k)fluoranthene	24.07	252	312229	20.095	ng/ul	95
91) Benzo(a)pyrene	24.89	252	340771	24.412	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.80	276	364145	20.392	ng/ul	95
93) Dibenzo(a,h)anthracene	28.87	278	208292	13.949	ng/ul	96
94) Benzo(a,h,i)perylene	29.98	276	477651	32.165	ng/ul	100

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

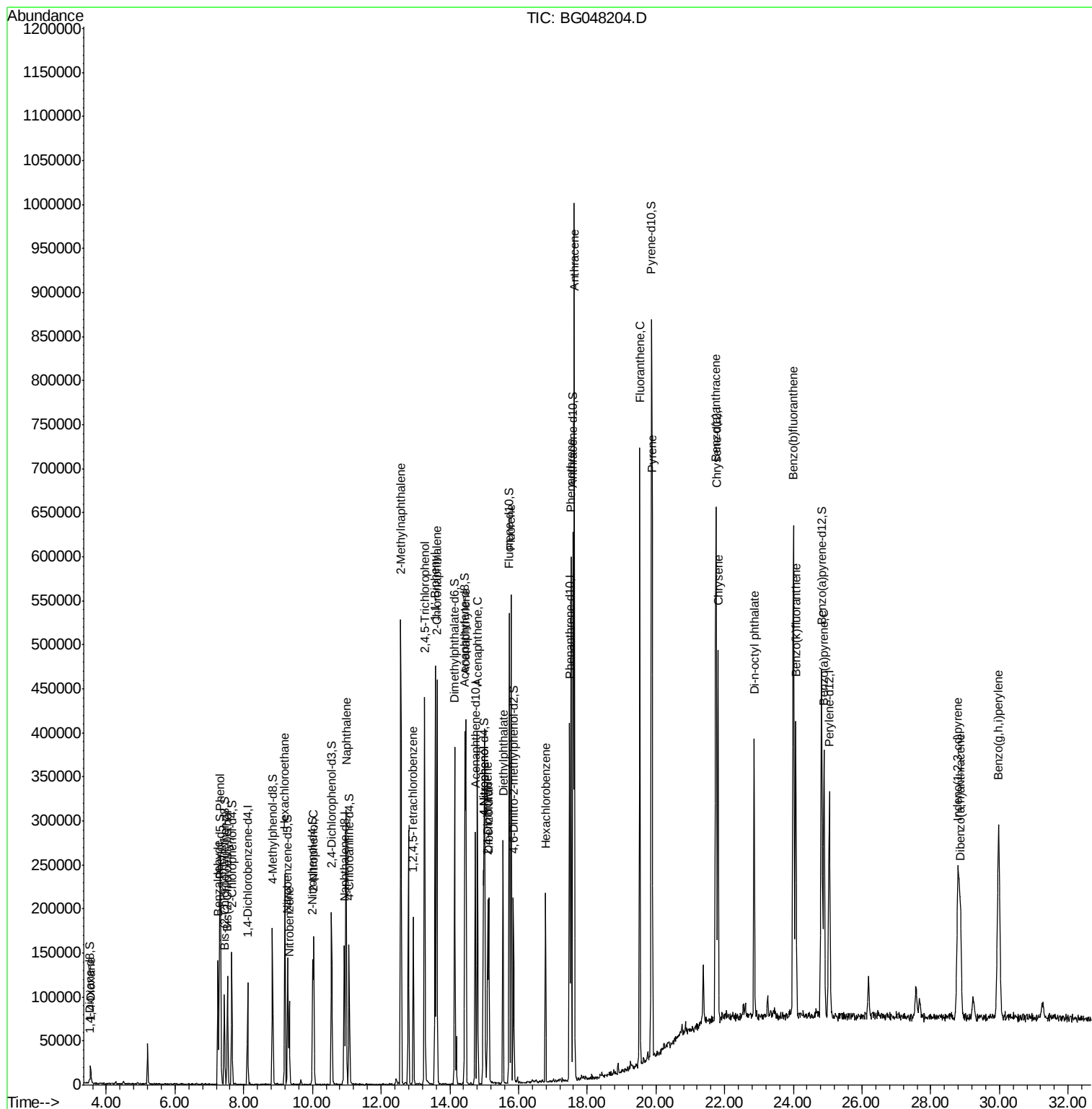
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
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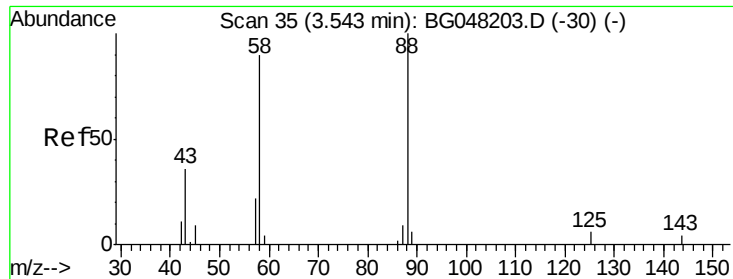
Instrument :
BNA_G
ClientSampled :
DBGP4

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 13.183 ng/uL

RT: 3.55 min Scan# 36

Delta R.T. 0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

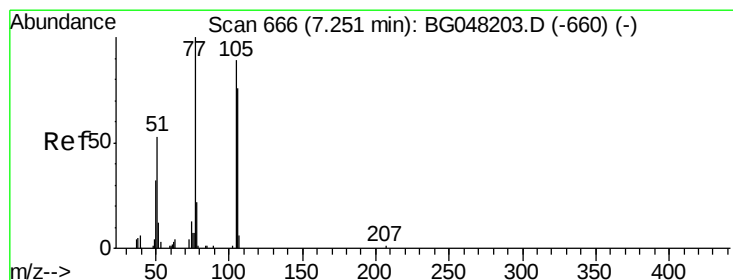
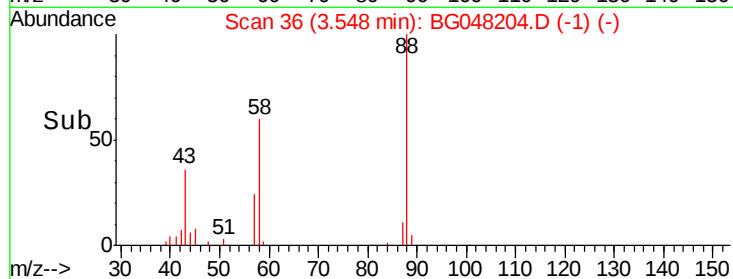
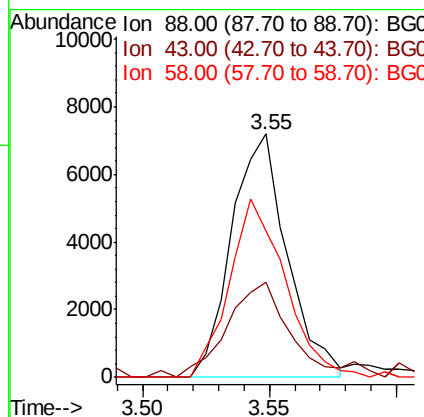
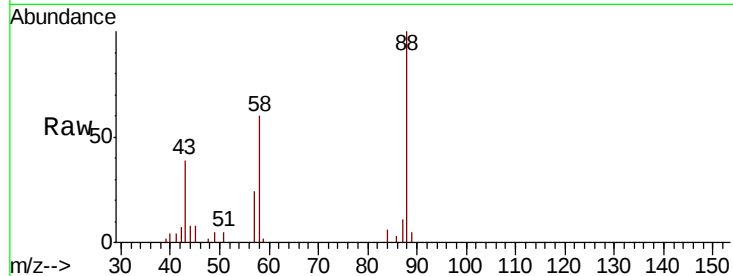
ClientSampleID :

DBGP4

Tot Ion:	88	Resp:	10978
Ion	Ratio	Lower	Upper
88	100		
43	39.2	27.5	41.3
58	60.0	58.1	87.1

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#4

Benzaldehyde

Concen: 34.022 ng/uL

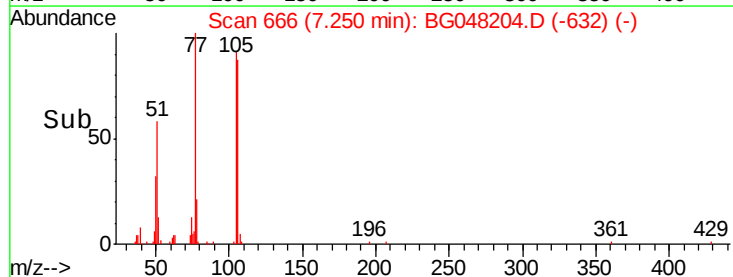
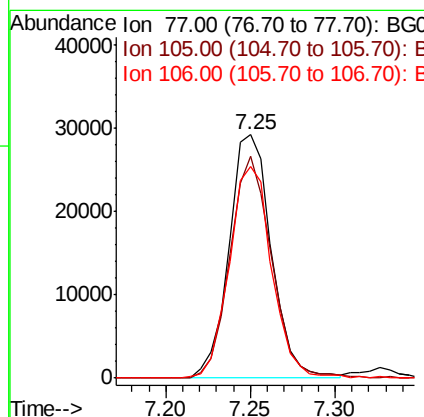
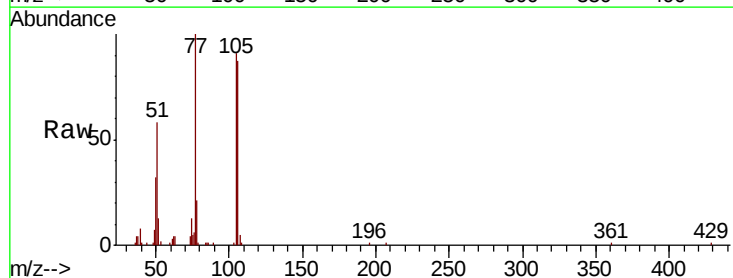
RT: 7.25 min Scan# 666

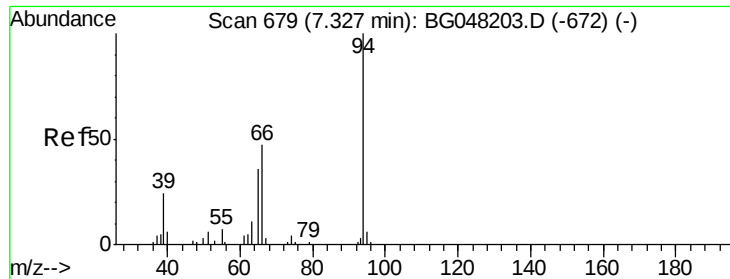
Delta R.T. -0.00 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Tgt Ion:	77	Resp:	50944
Ion	Ratio	Lower	Upper
77	100		
105	90.9	70.6	105.8
106	86.9	64.4	96.6





#6

Phenol

Concen: 49.513 ng/ul

RT: 7.32 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

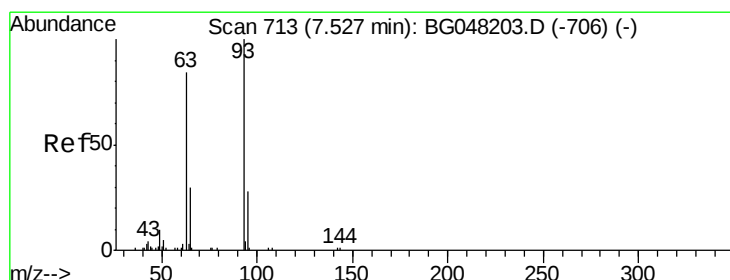
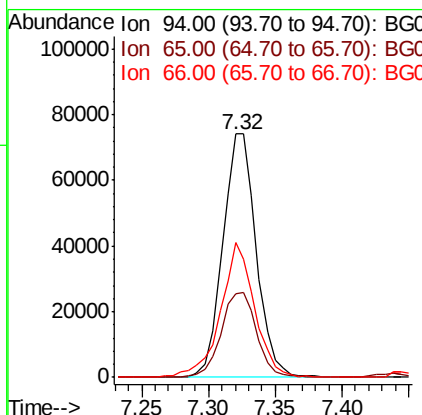
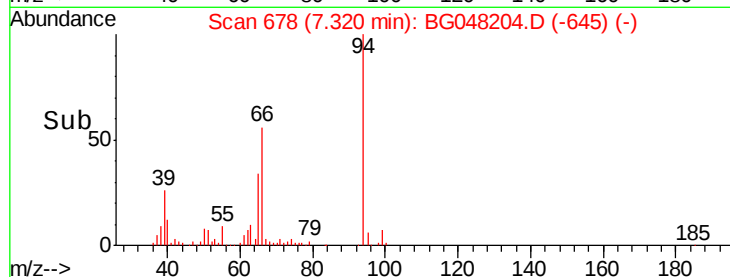
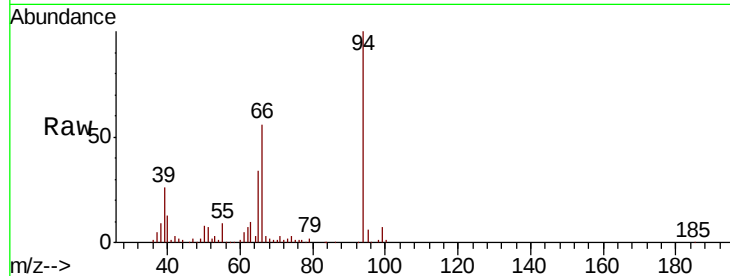
ClientSampleId :

DBGP4

Tot Ion:	94	Resp:	130201
Ion	Ratio	Lower	Upper
94	100		
65	34.4	27.1	40.7
66	55.6	40.1	60.1

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#8

Bis(2-Chloroethyl)ether

Concen: 33.444 ng/ul

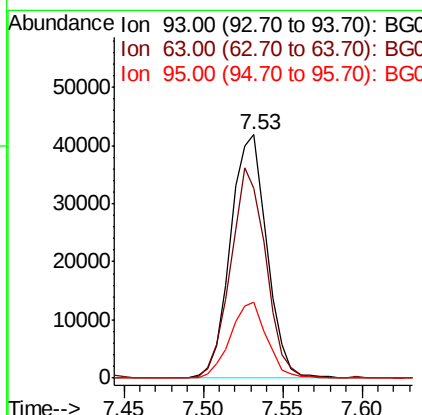
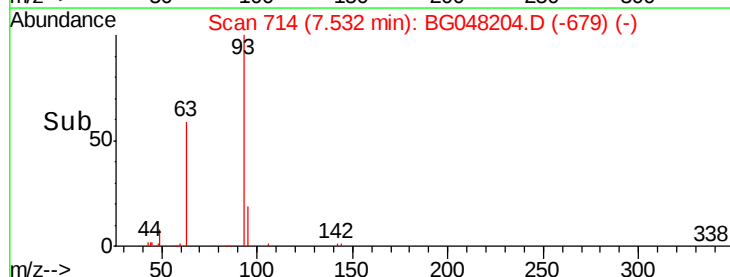
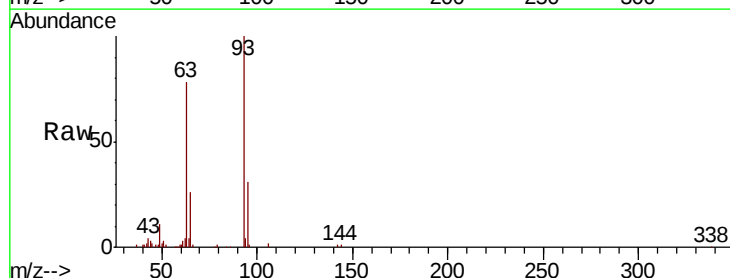
RT: 7.53 min Scan# 714

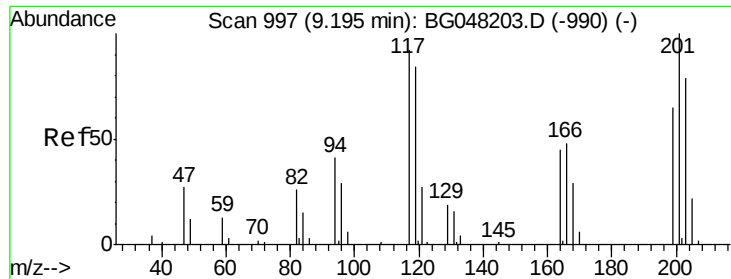
Delta R.T. 0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Tgt Ion:	93	Resp:	66419
Ion	Ratio	Lower	Upper
93	100		
63	78.1	55.5	83.3
95	31.1	23.7	35.5





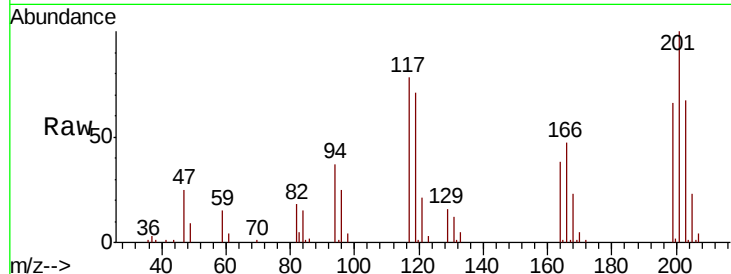
#17
Hexachloroethane
Concen: 50.366 ng/ul
RT: 9.20 min Scan# 998
Delta R.T. 0.01 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Instrument :
BNA_G
ClientSampled :
DBGP4

Tot Ion	Ratio	Lower	Upper
117	100		
201	128.4	103.7	155.5
199	84.1	58.2	87.4

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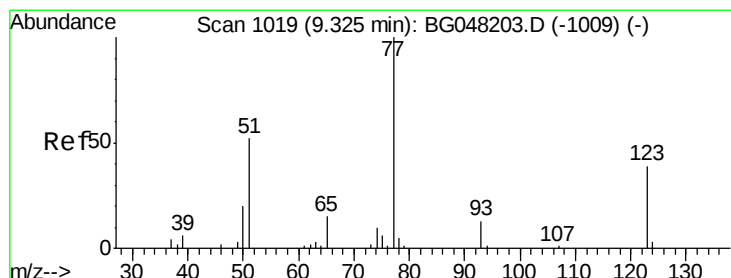
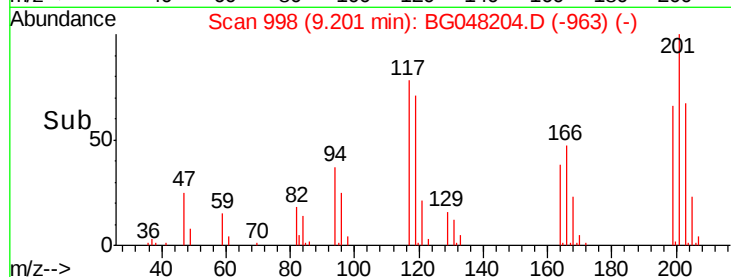
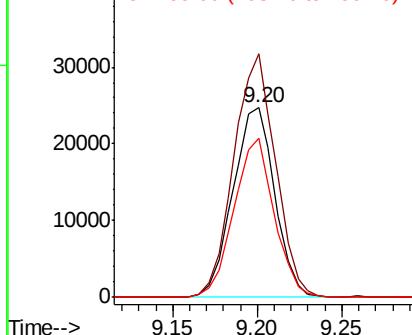


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20
Nitrobenzene
Concen: 18.932 ng/ul
RT: 9.32 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

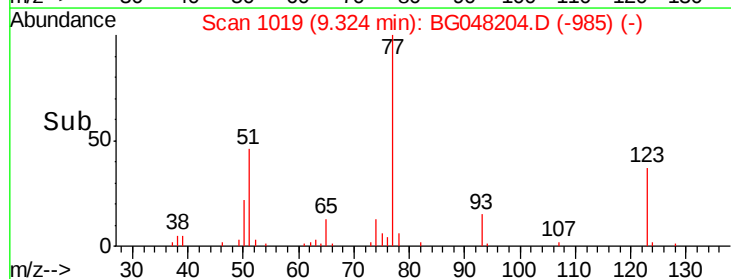
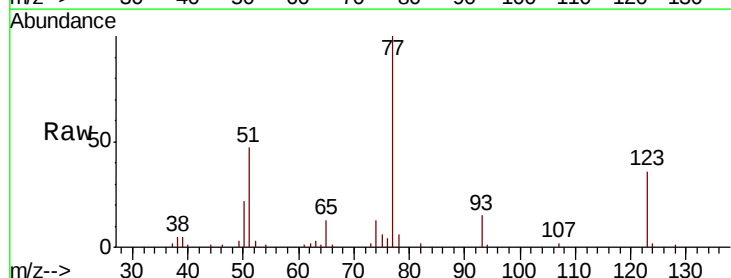
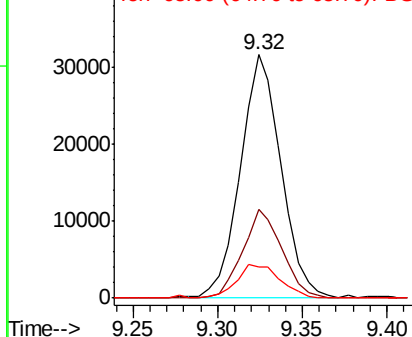
Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	28.6	42.8
65	12.6	11.8	17.6

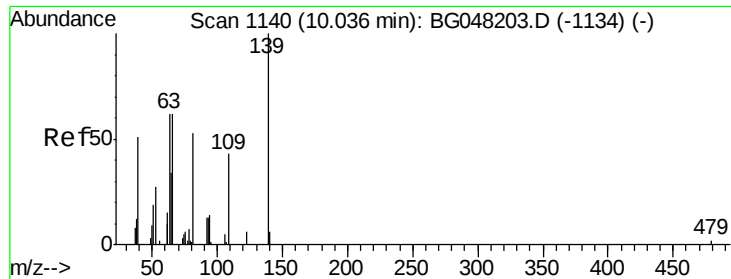
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





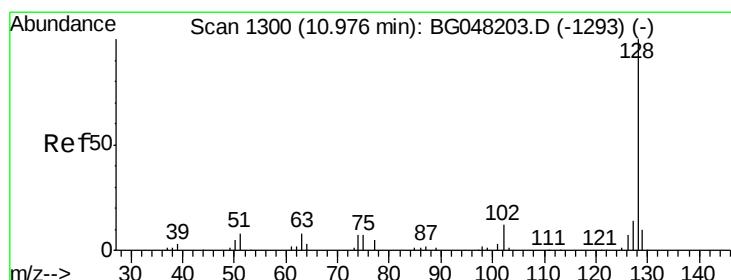
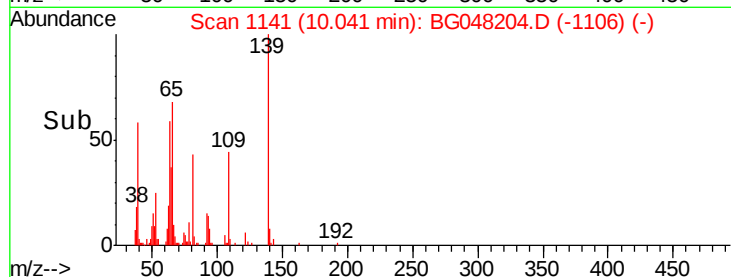
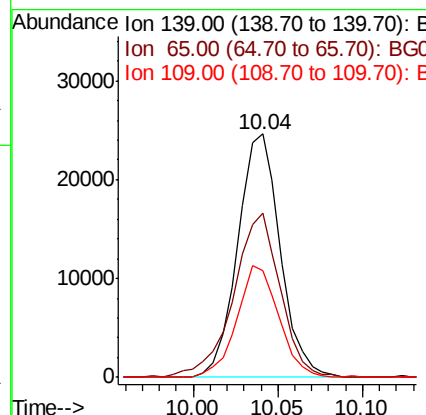
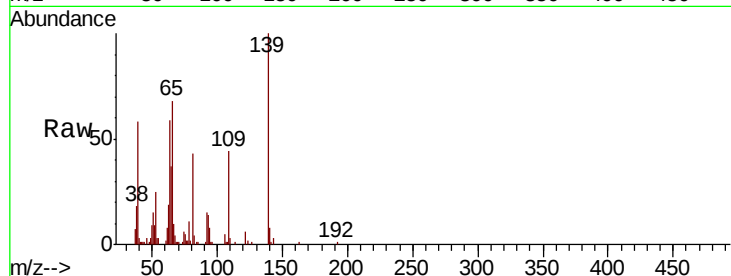
#23
2-Nitrophenol
Concen: 38.096 ng/ul
RT: 10.04 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Instrument :
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DBGP4

Tot Ion	Ratio	Resp	Lower	Upper
139	100	43070		
65	67.7	53.8	80.8	
109	43.6	32.3	48.5	

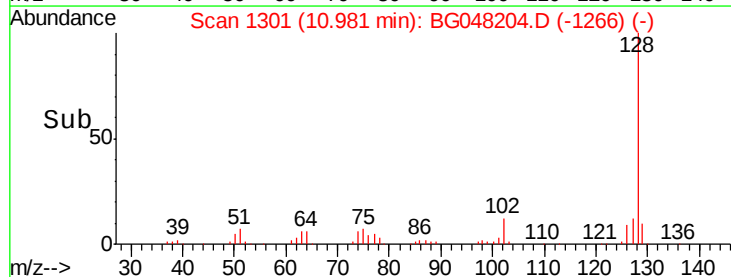
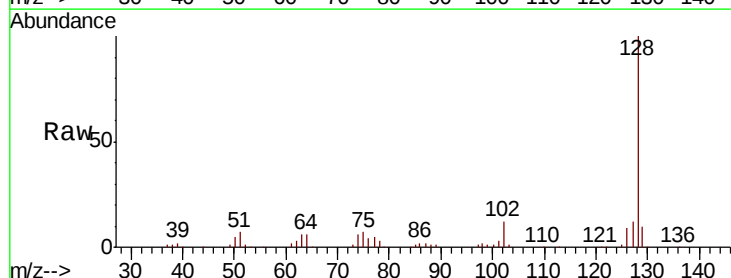
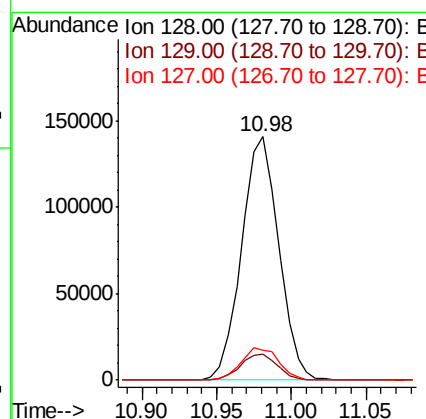
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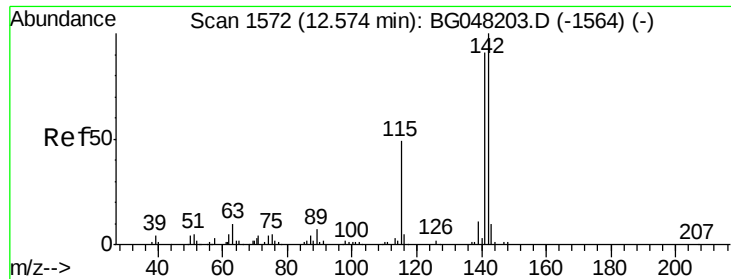
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#28
Naphthalene
Concen: 39.308 ng/ul
RT: 10.98 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	243287		
129	10.5	8.3	12.5	
127	12.4	10.8	16.2	





#34

2-Methylnaphthalene

Concen: 52.163 ng/ul

RT: 12.58 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

ClientSampleId :

DBGP4

Tot Ion:142 Resp: 245401

Ion Ratio Lower Upper

142 100

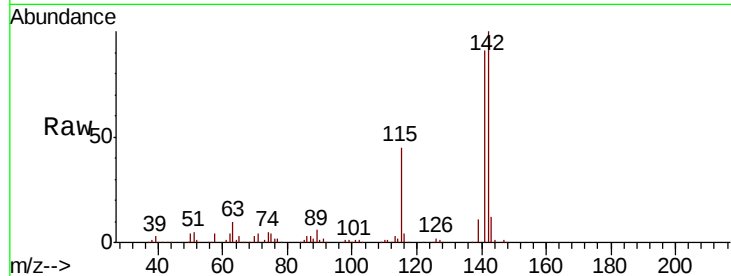
141 91.5 74.6 111.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

150000

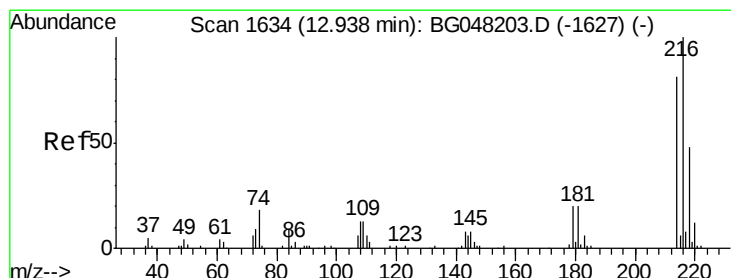
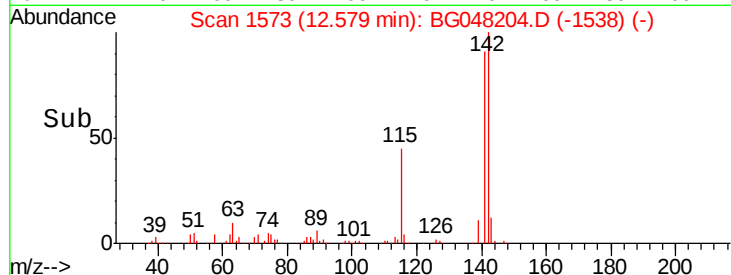
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50000

0

12.50 12.55 12.60

Time-->



#37

1,2,4,5-Tetrachlorobenzene

Concen: 18.942 ng/ul

RT: 12.94 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Tgt Ion:216 Resp: 63151

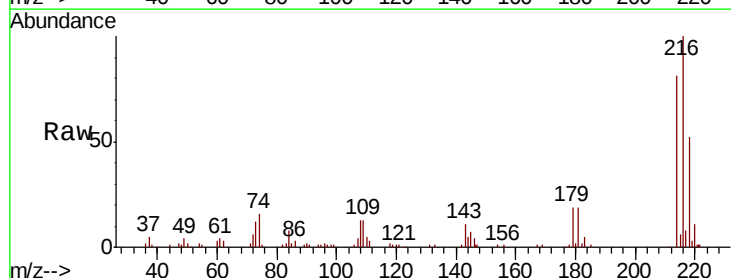
Ion Ratio Lower Upper

216 100

214 81.2 62.1 93.1

179 18.5 16.2 24.4

108 12.6 10.7 16.1



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

60000

50000

40000

30000

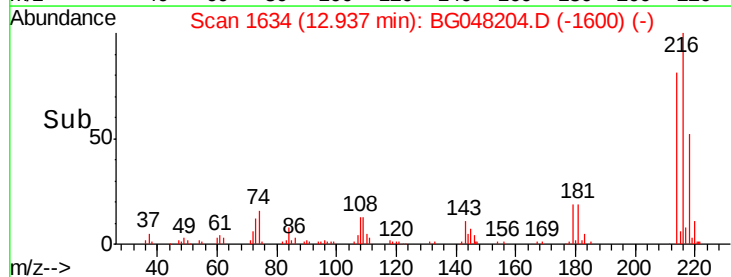
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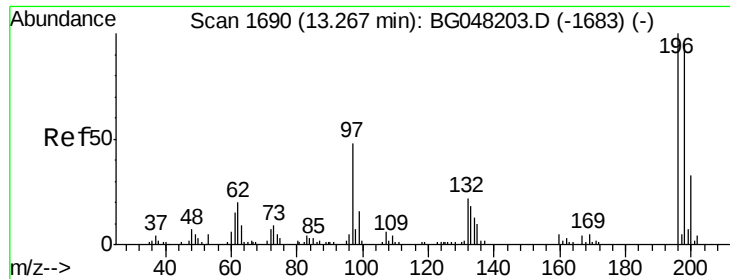
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0

12.90 12.95 13.00

Time-->





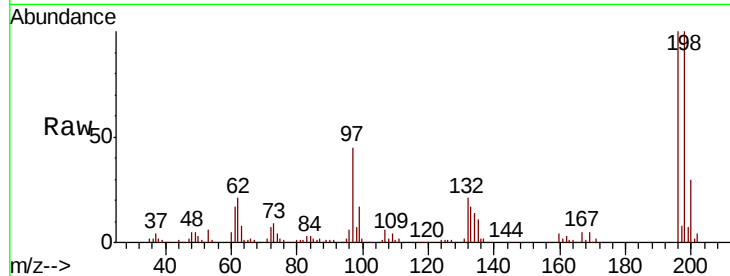
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 2,4,5-Trichlorophenol
 Concen: 61.779 ng/ul
 RT: 13.27 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG048204.D
 Acq: 19 Feb 2021 12:50

Instrument :
 BNA_G
 ClientSampled :
 DBGP4

Tot Ion	Ratio	Resp	Lower	Upper
196	100	128890		
198	100.3	72.6	108.8	
200	30.2	24.0	36.0	

Manual Integrations
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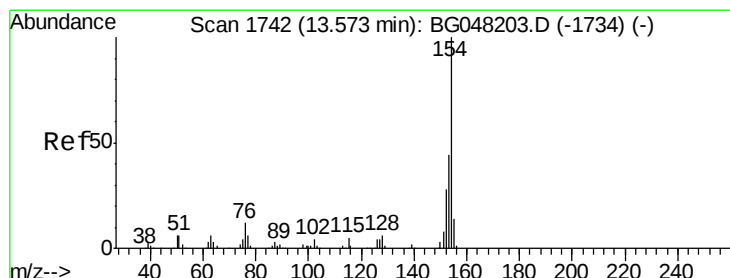
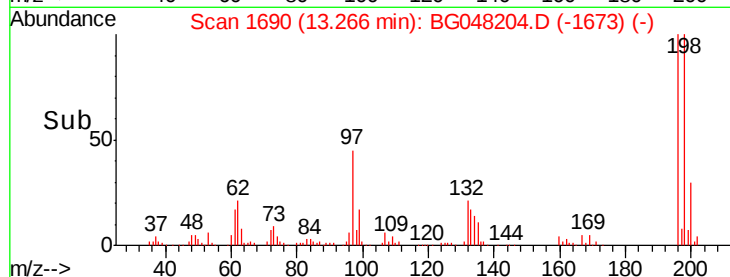
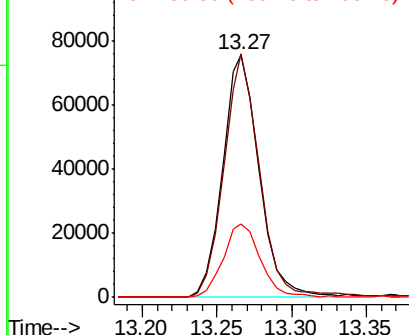


Abundance

Ion 196.00 (195.70 to 196.70): E

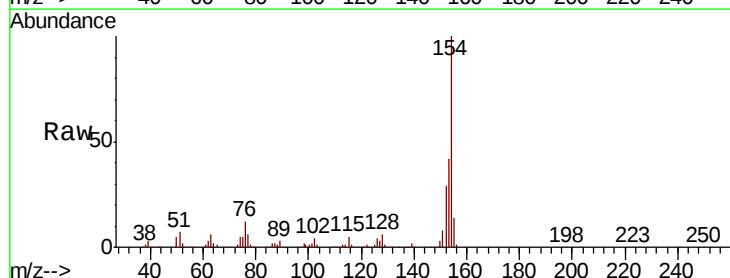
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#41
 1,1'-Biphenyl
 Concen: 37.982 ng/ul
 RT: 13.57 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG048204.D
 Acq: 19 Feb 2021 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	241480		
153	42.1	33.4	50.2	
76	11.6	10.0	15.0	

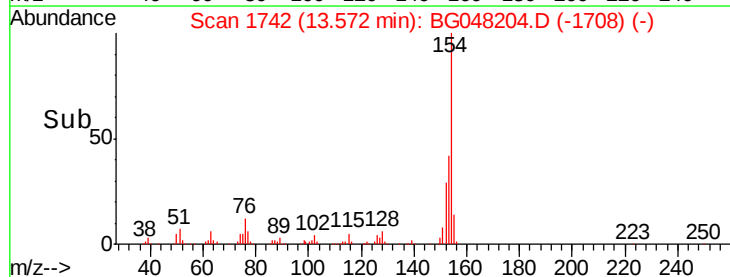
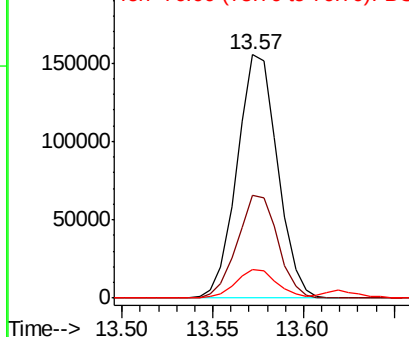


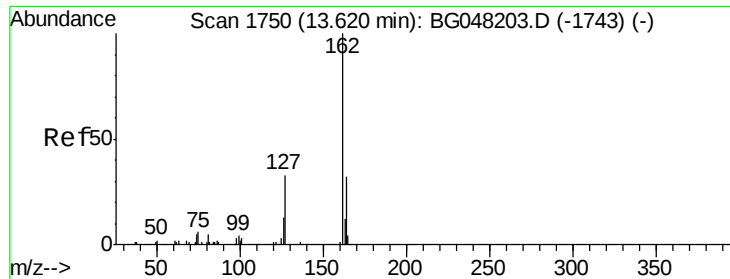
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





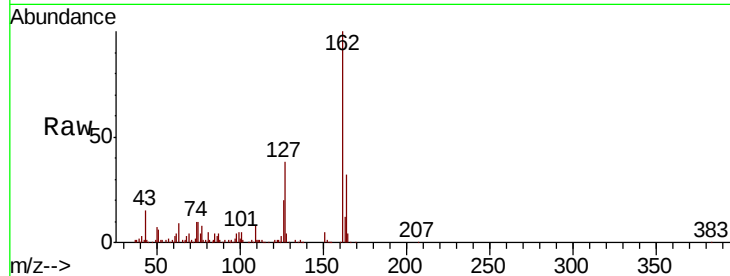
#42
 2-Chloronaphthalene
 Concen: 36.227 ng/ul
 RT: 13.62 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG048204.D
 Acq: 19 Feb 2021 12:50

Instrument :
 BNA_G
 ClientSampleId :
 DBGP4

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.2	25.4	38.0
127	37.8	30.6	46.0

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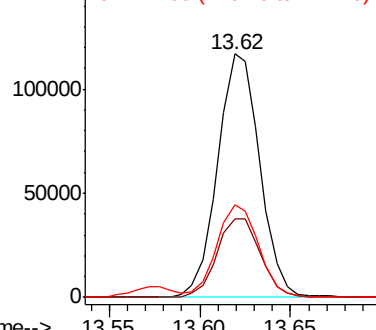


Abundance

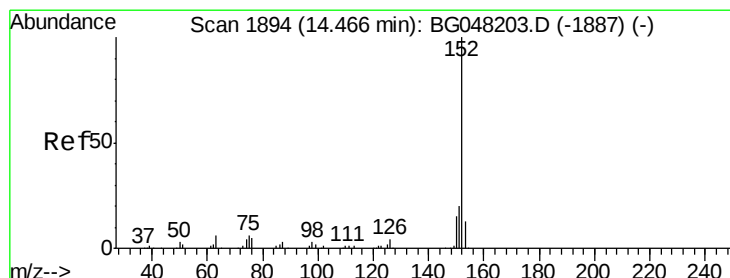
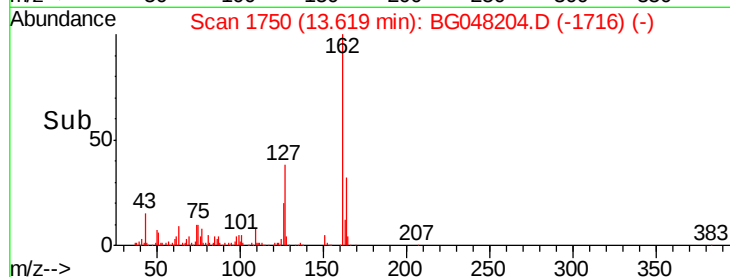
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

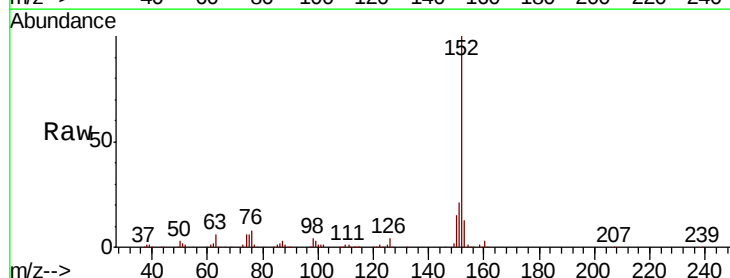


Time-->



#48
 Acenaphthylene
 Concen: 36.628 ng/ul
 RT: 14.47 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG048204.D
 Acq: 19 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.9	26.9
153	13.3	10.6	15.8

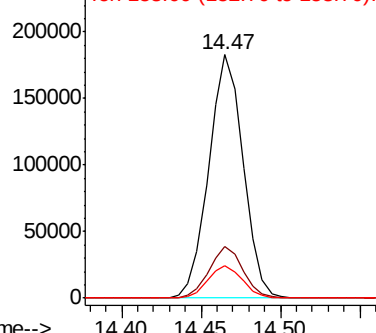


Abundance

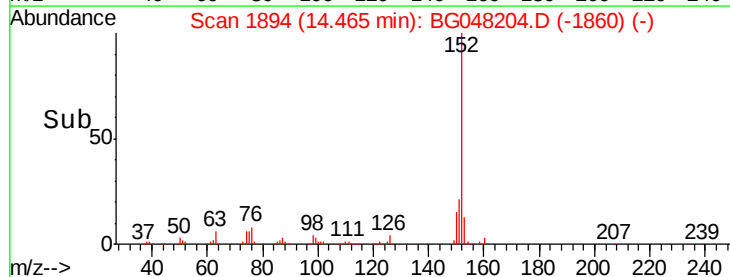
Ion 152.00 (151.70 to 152.70): E

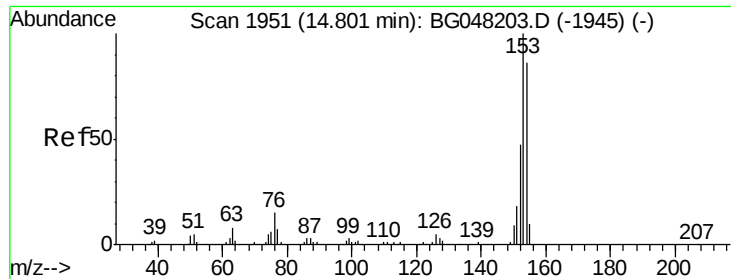
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->





#50

Acenaphthene

Concen: 30.418 ng/ul

RT: 14.81 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

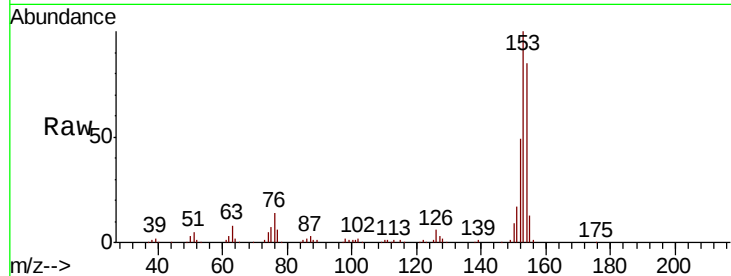
ClientSampled :

DBGP4

Tot Ion:	153	Resp:	171345
Ion Ratio	Lower	Upper	
153	100		
152	48.6	39.0	58.6
154	84.5	67.0	100.4

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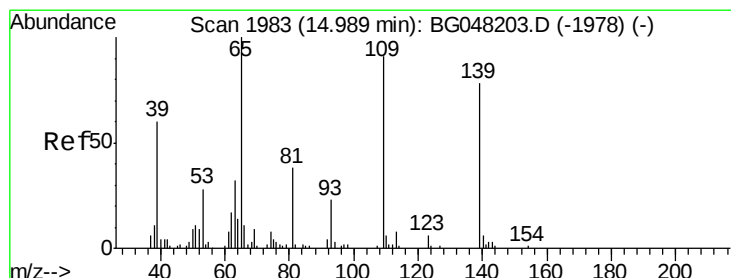
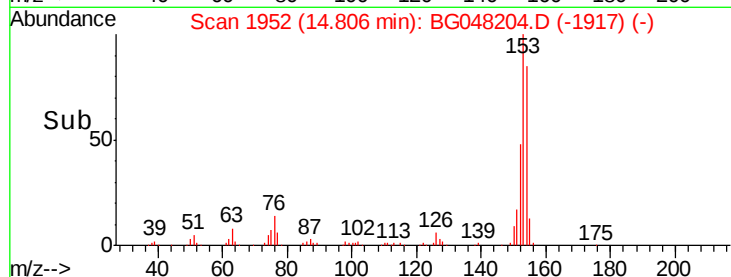
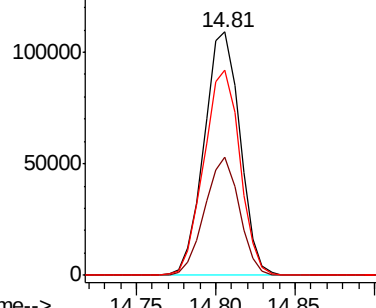


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 25.200 ng/ul m

RT: 14.99 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

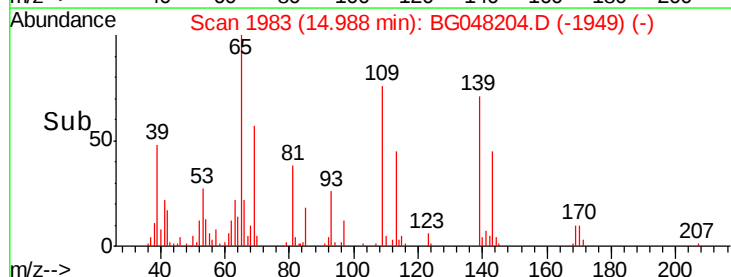
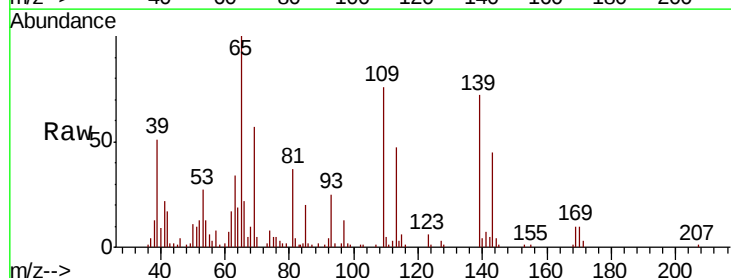
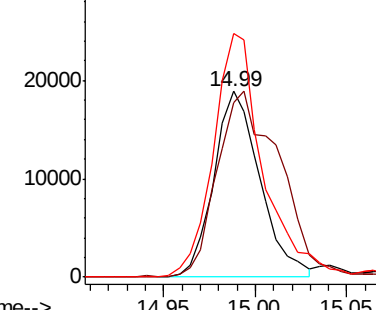
Tgt Ion:	109	Resp:	33187
Ion Ratio	Lower	Upper	
109	100		
139	93.9	61.7	92.5#
65	131.2	91.0	136.6

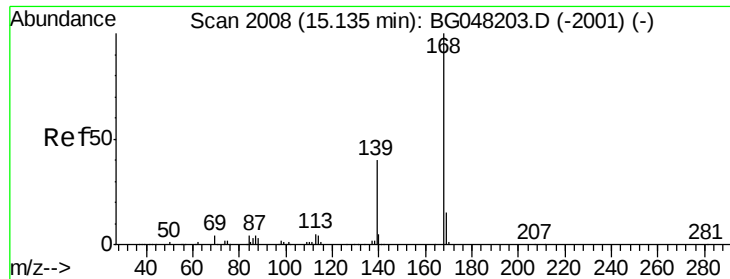
Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGO





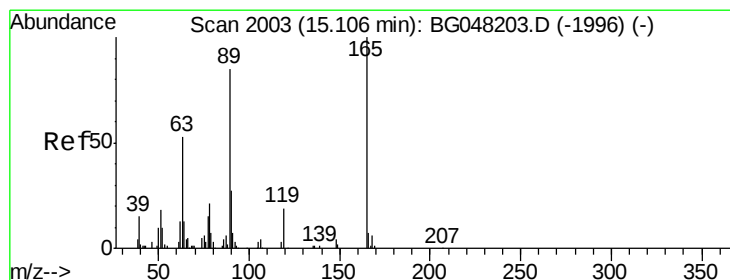
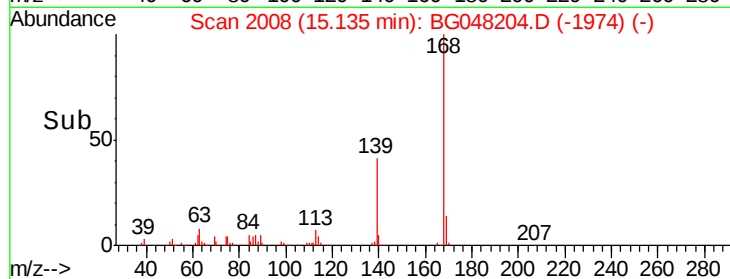
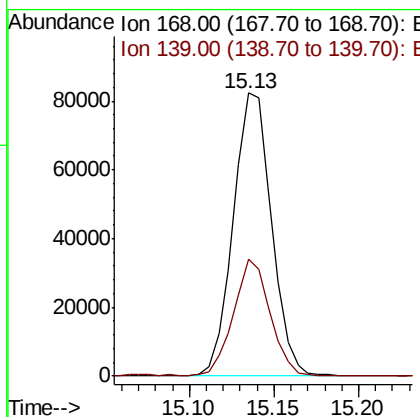
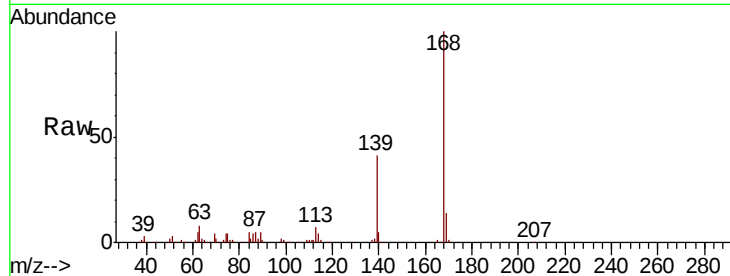
#54
Dibenzenofuran
Concen: 15.835 ng/ul
RT: 15.13 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Instrument :
BNA_G
ClientSampleId :
DBGP4

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	30.9	46.3

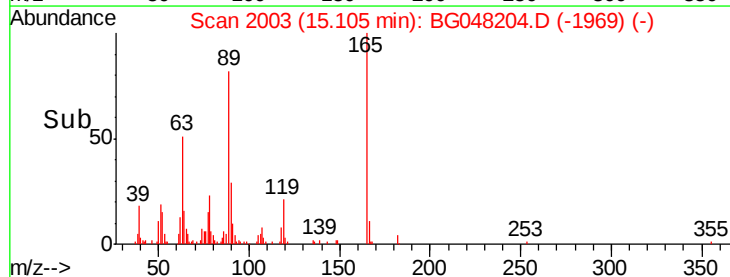
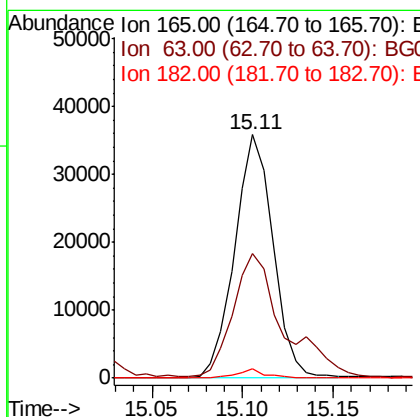
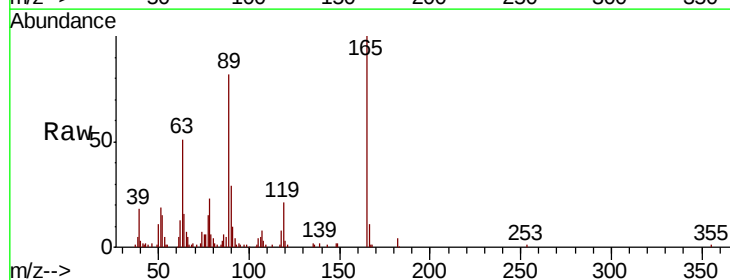
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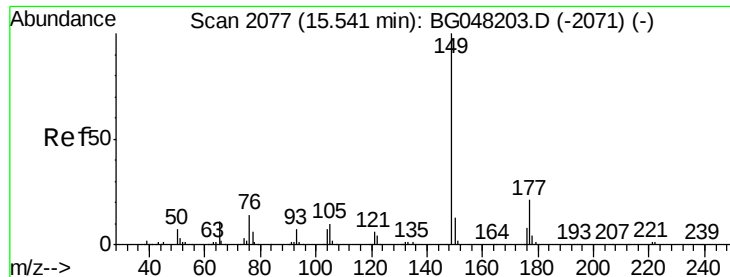
mohammad
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#55
2,4-Dinitrotoluene
Concen: 24.692 ng/ul
RT: 15.11 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.0	39.2	58.8
182	3.6	2.6	4.0





#57

Diethylphthalate

Concen: 19.383 ng/ul

RT: 15.55 min Scan# 2078

Delta R.T. 0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

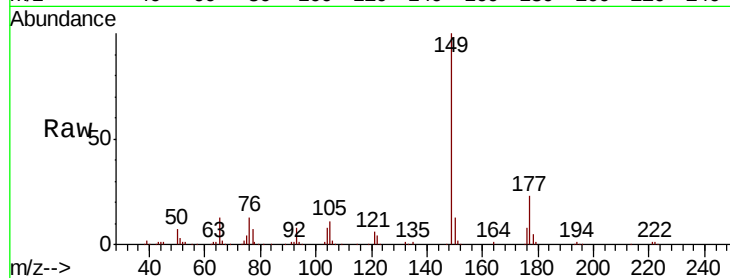
ClientSampleId :

DBGP4

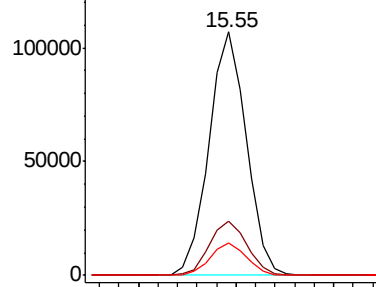
Tot Ion:	149	Resp:	141991
Ion Ratio	Lower	Upper	
149	100		
177	22.5	18.2	27.2
150	13.5	9.6	14.4

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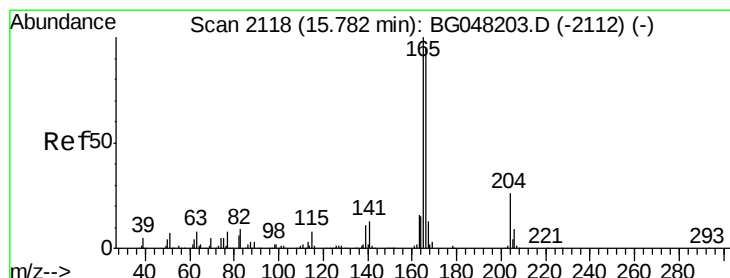
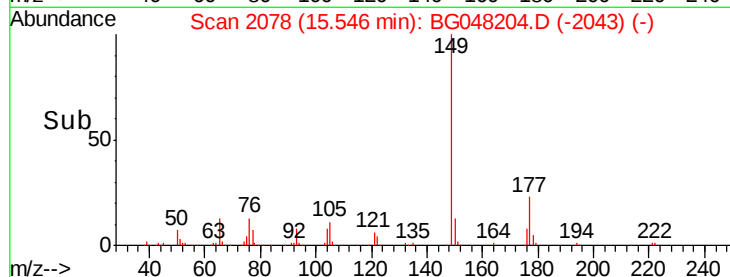
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->



#59

Fluorene

Concen: 35.308 ng/ul

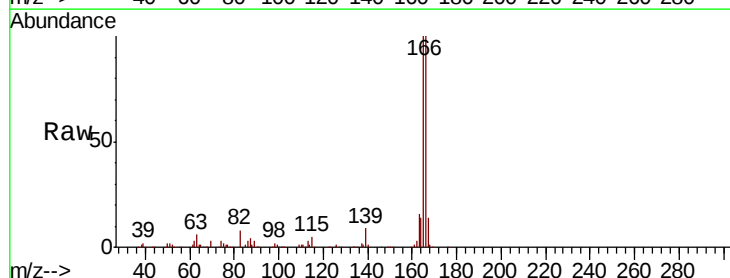
RT: 15.79 min Scan# 2119

Delta R.T. 0.01 min

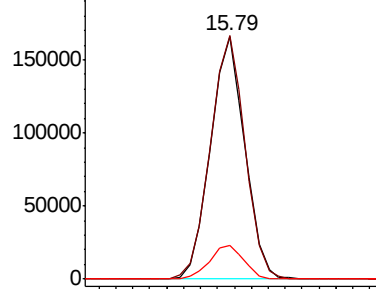
Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

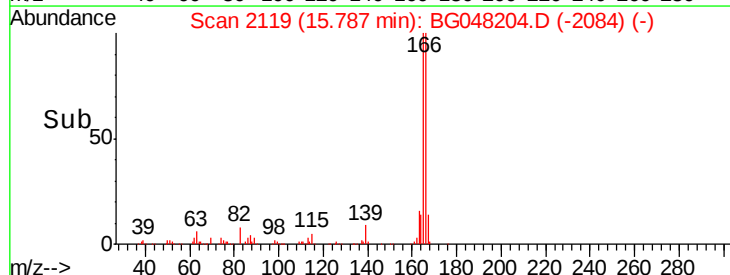
Tgt Ion:	166	Resp:	234665
Ion Ratio	Lower	Upper	
166	100		
165	100.4	81.4	122.0
167	13.6	11.8	17.6

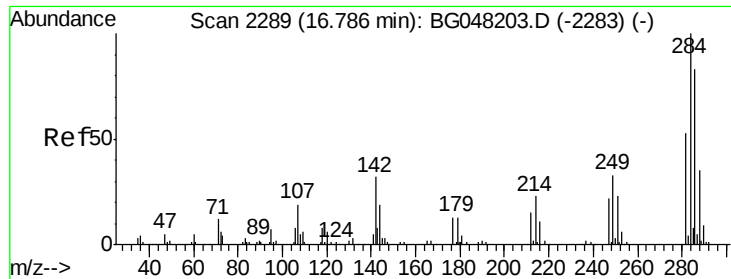


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#67

Hexachlorobenzene

Concen: 14.339 ng/ul

RT: 16.79 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

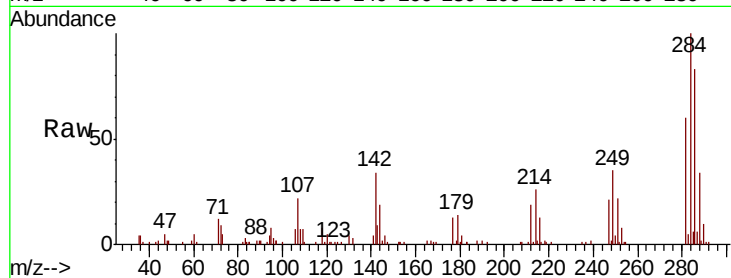
ClientSampled :

DBGP4

Tot Ion:	284	Resp:	45373
Ion Ratio	Lower	Upper	
284	100		
142	33.9	23.8	35.6
249	35.4	26.8	40.2

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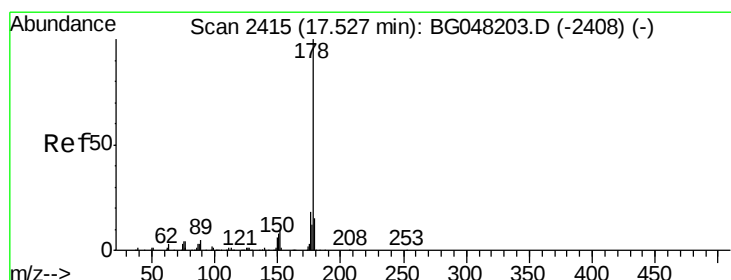
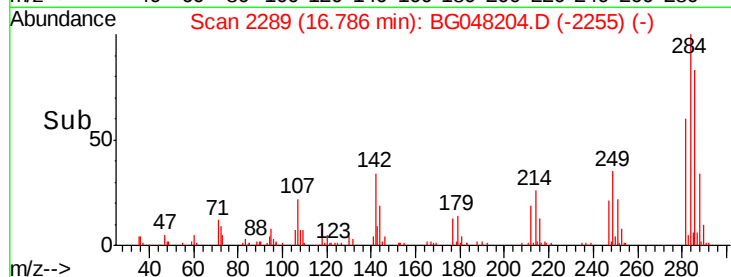
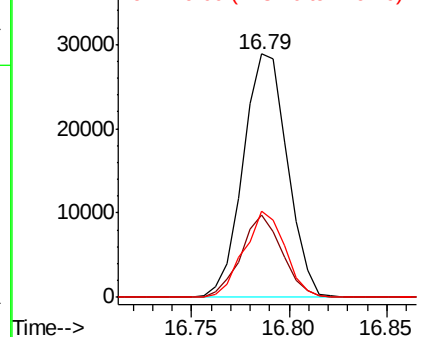


Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 29.092 ng/ul

RT: 17.53 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

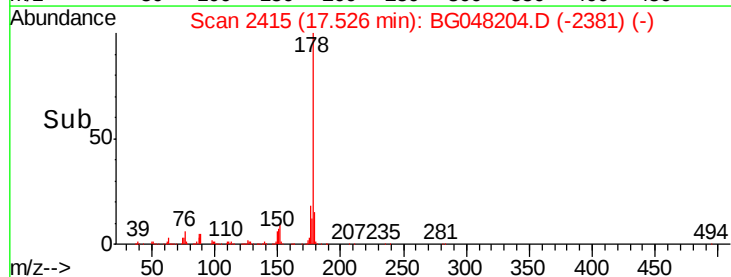
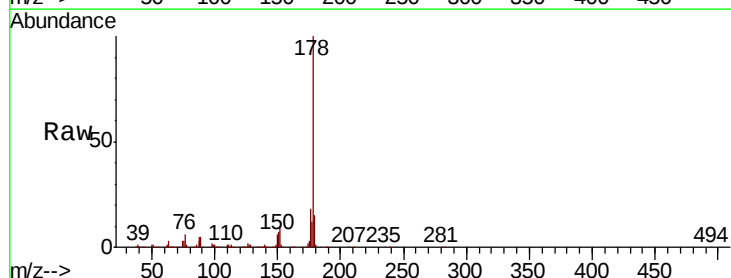
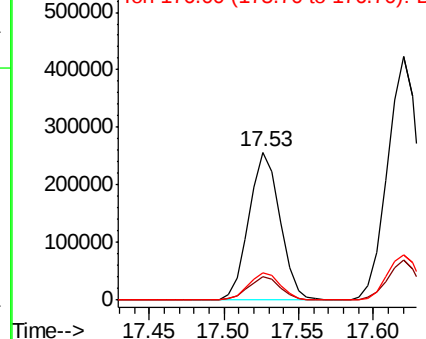
Tgt Ion:	178	Resp:	369158
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.8	17.6
176	18.4	14.9	22.3

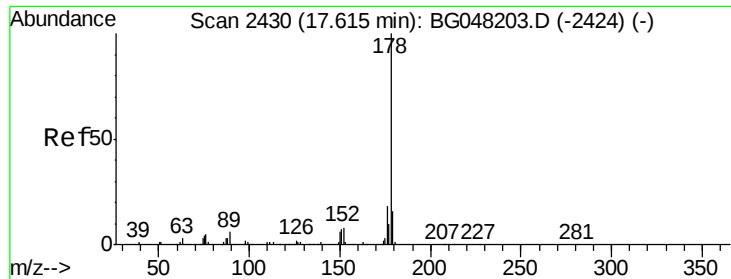
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 47.920 ng/ul

RT: 17.62 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

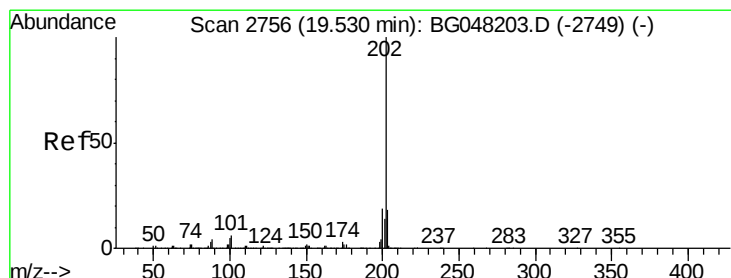
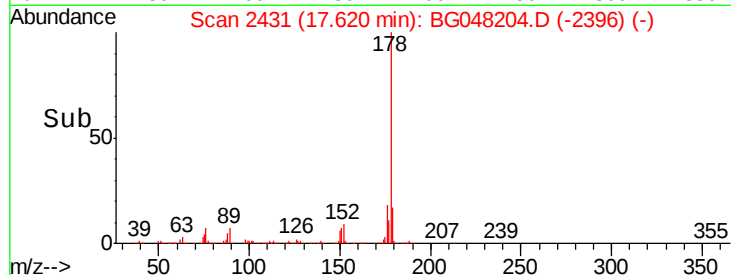
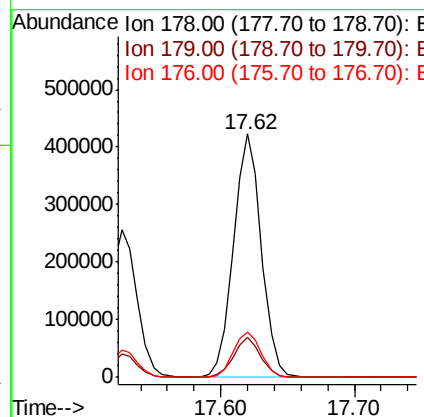
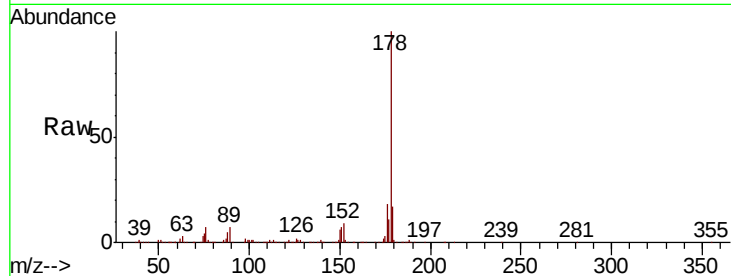
ClientSampled :

DBGP4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.2
176	18.5	14.5	21.7

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#77

Fluoranthene

Concen: 29.681 ng/ul

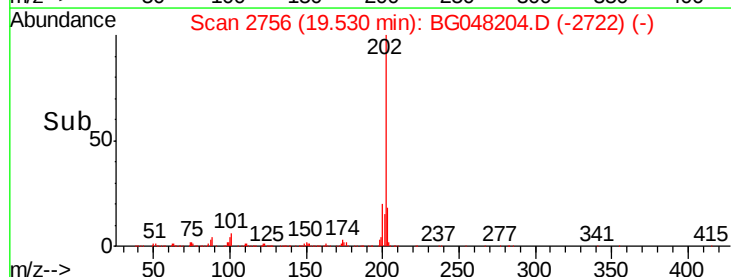
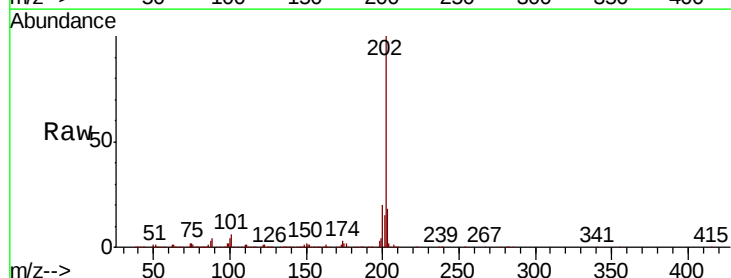
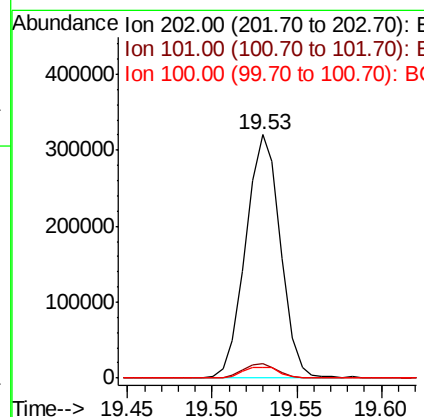
RT: 19.53 min Scan# 2756

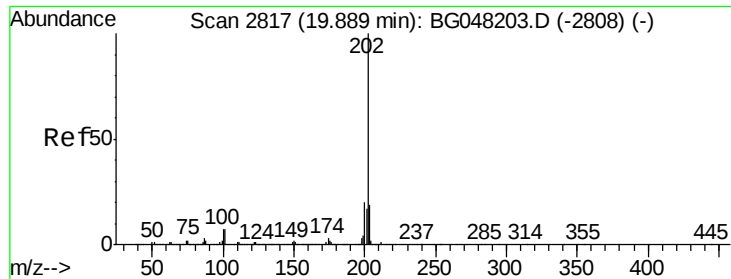
Delta R.T. -0.00 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.4	8.0
100	4.4	4.0	6.0





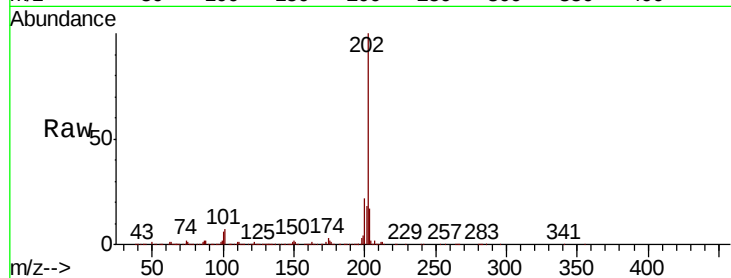
#80
Pvrene
Concen: 24.309 ng/ul
RT: 19.89 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Instrument :
BNA_G
ClientSampleId :
DBGP4

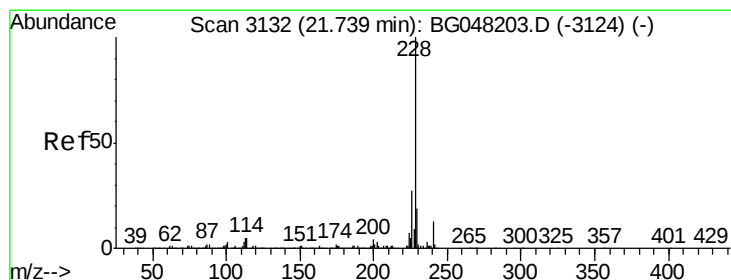
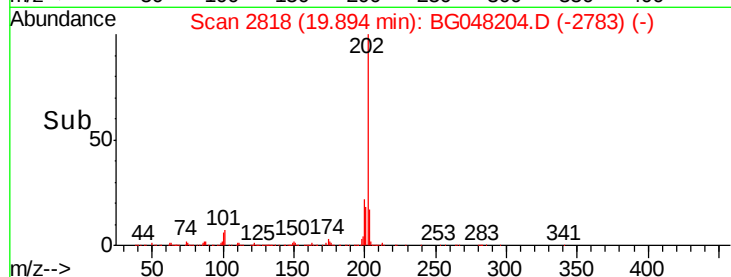
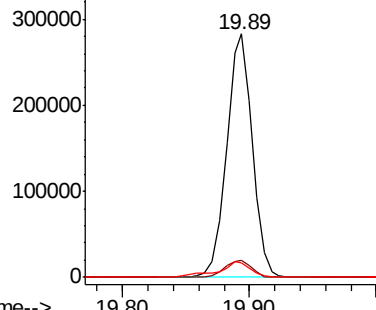
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	5.6	8.4
100	5.7	4.6	7.0

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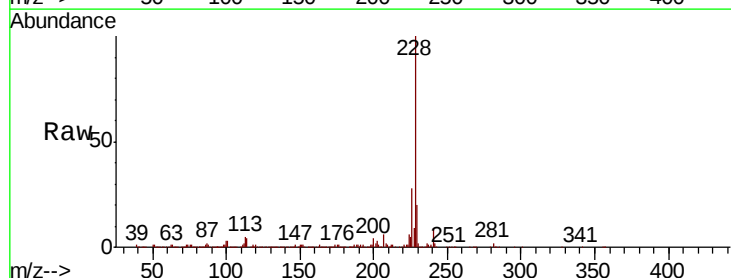


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

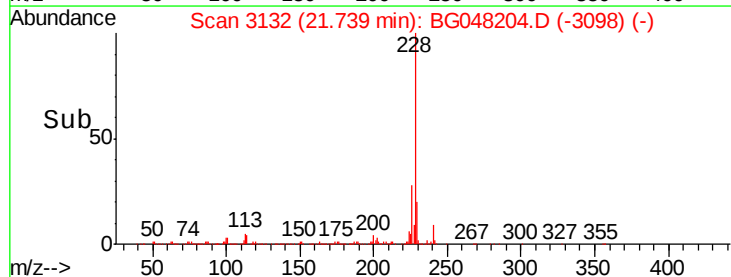
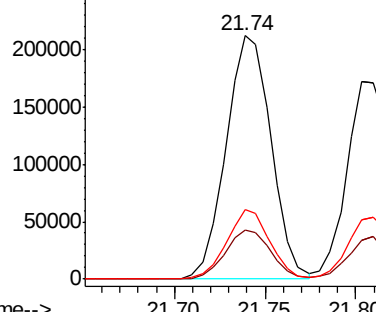


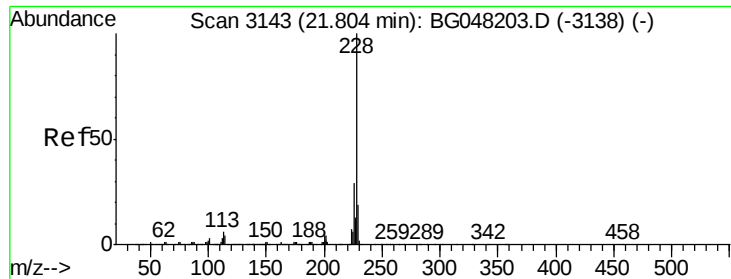
#83
Benzo(a)anthracene
Concen: 22.129 ng/ul
RT: 21.74 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	17.2	25.8
226	28.3	22.3	33.5



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





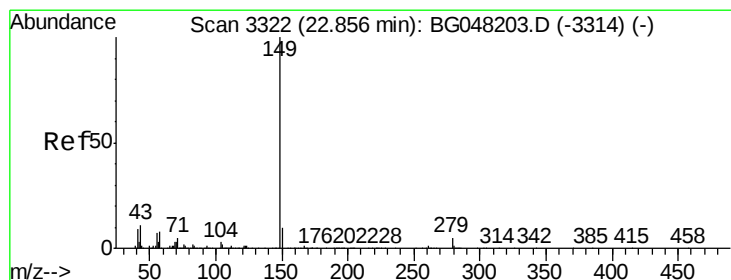
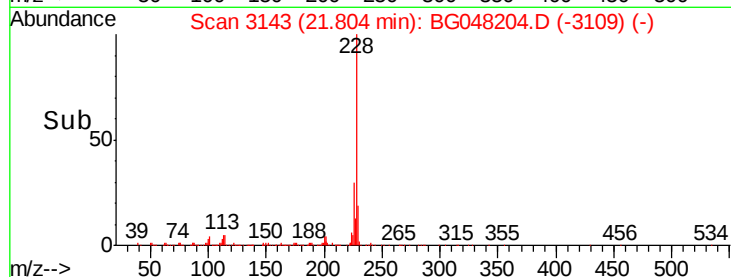
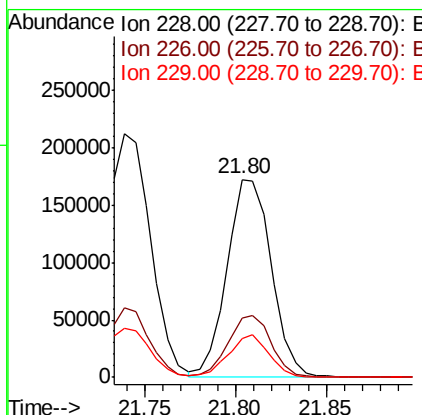
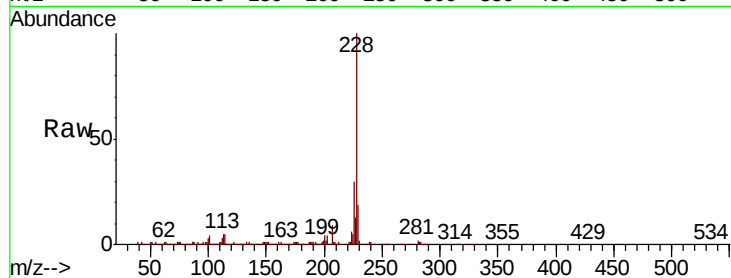
#85
 Chrysene
 Concen: 18.445 ng/ul
 RT: 21.80 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG048204.D
 Acq: 19 Feb 2021 12:50

Instrument :
 BNA_G
 ClientSampleId :
 DBGp4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.5	15.4	23.0

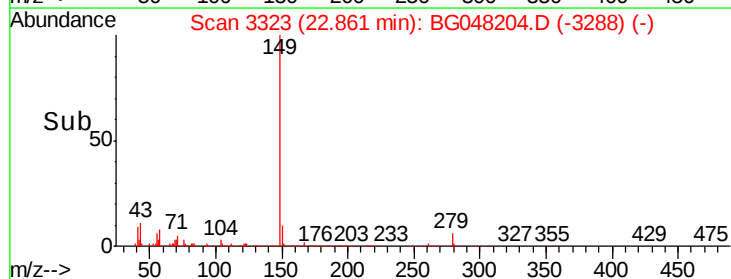
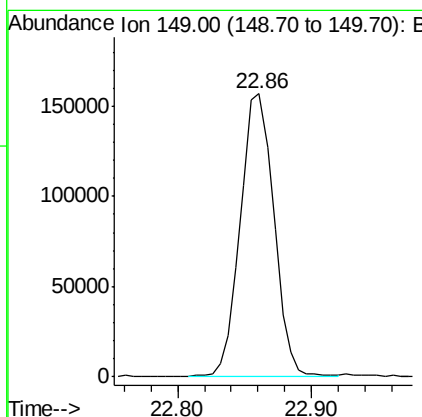
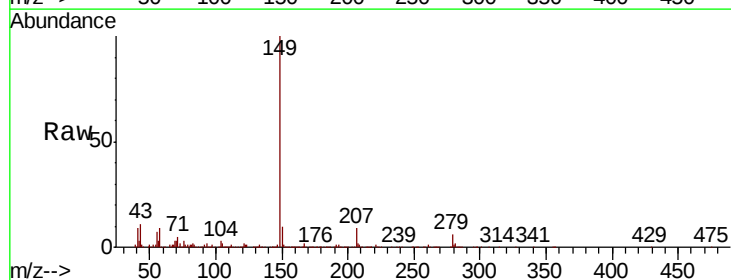
Manual Integrations
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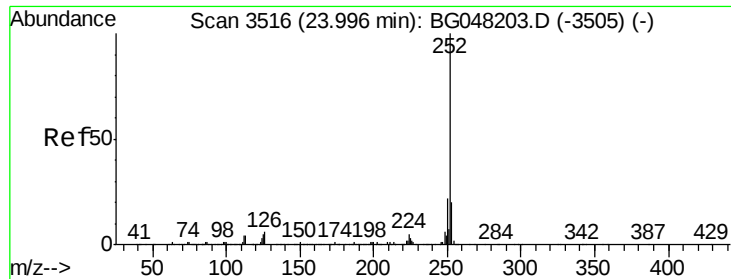
mohammad
 2/22/2021 2:08:34 PM



#87
 Di-n-octyl phthalate
 Concen: 21.005 ng/ul
 RT: 22.86 min Scan# 3323
 Delta R.T. 0.01 min
 Lab File: BG048204.D
 Acq: 19 Feb 2021 12:50

Tgt Ion:149 Resp: 272496





#88

Benzo(b)fluoranthene

Concen: 37.526 ng/u1

RT: 24.00 min Scan# 3517

Delta R.T. 0.01 min

Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

Instrument :

BNA_G

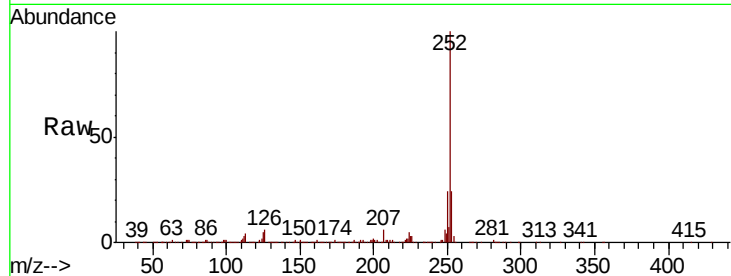
ClientSampleId :

DBGP4

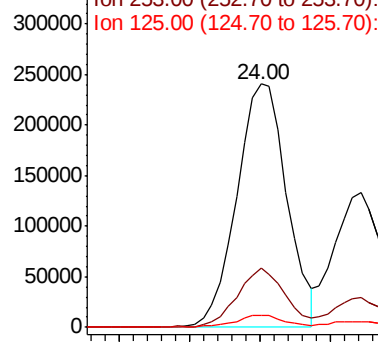
Tot Ion:	252	Resp:	595340
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.4	27.6
125	4.9	3.3	4.9

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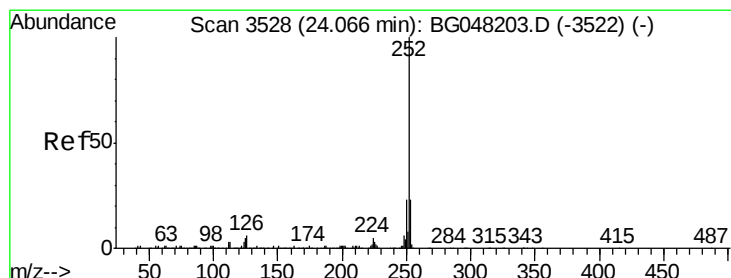
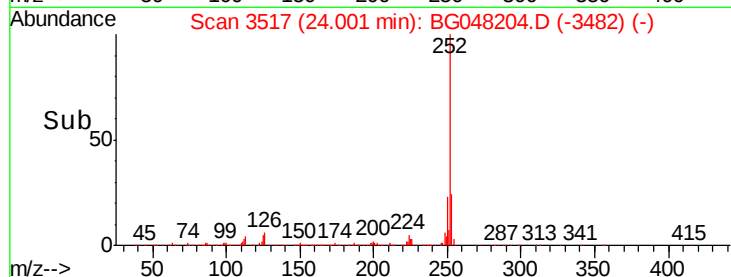
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 20.095 ng/u1

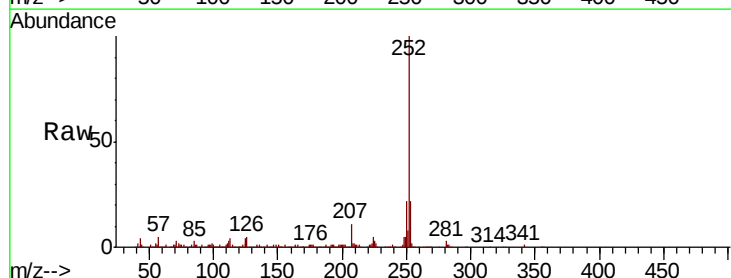
RT: 24.07 min Scan# 3529

Delta R.T. 0.01 min

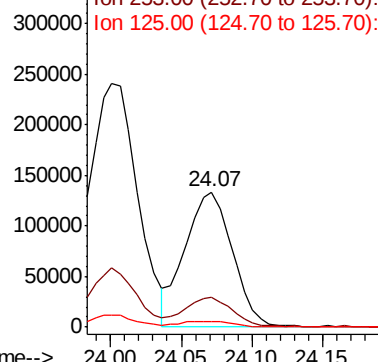
Lab File: BG048204.D

Acq: 19 Feb 2021 12:50

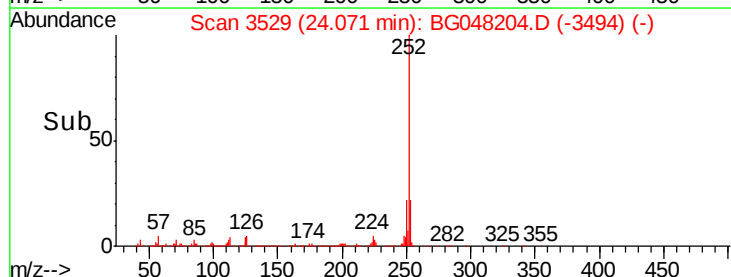
Tgt Ion:	252	Resp:	312229
Ion Ratio	Lower	Upper	
252	100		
253	22.0	19.8	29.8
125	4.4	4.0	6.0

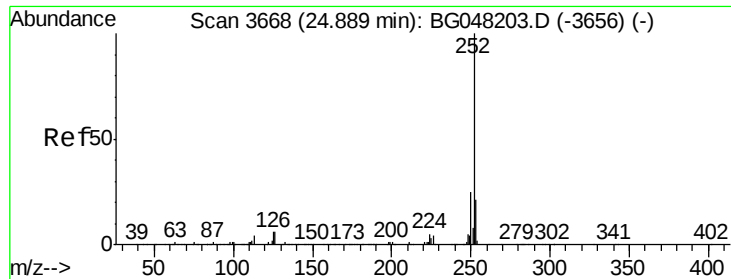


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





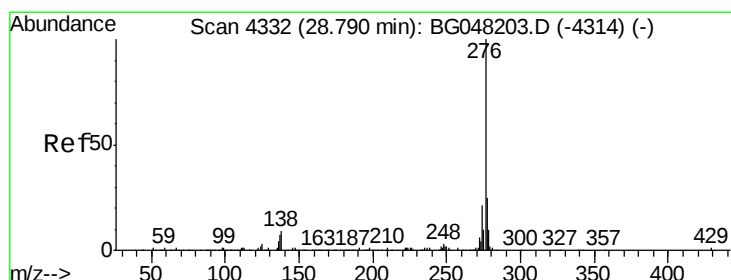
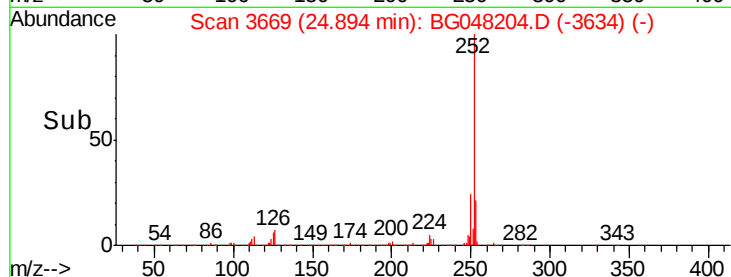
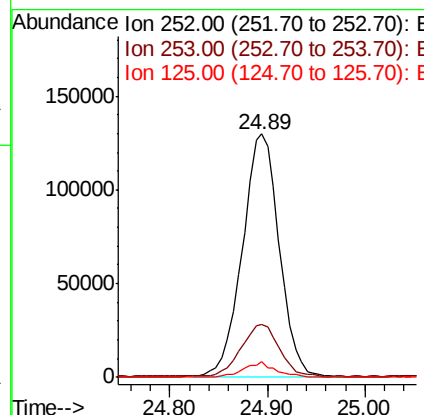
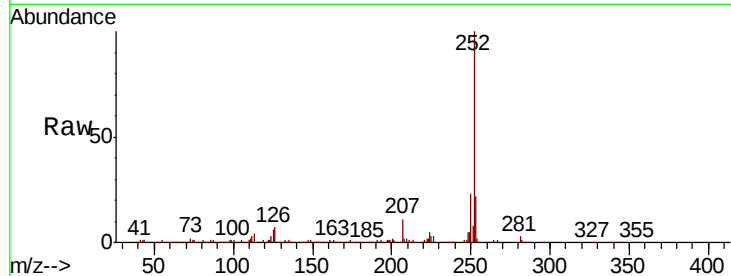
#91
Benzo(a)pyrene
Concen: 24.412 ng/ul
RT: 24.89 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Instrument :
BNA_G
ClientSampleId :
DBGP4

Tot Ion:	252	Resp:	340771
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.4
125	6.3	4.5	6.7

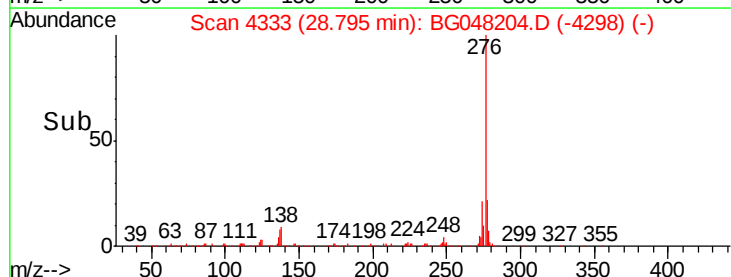
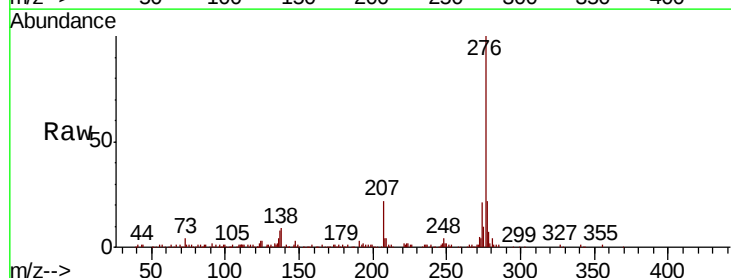
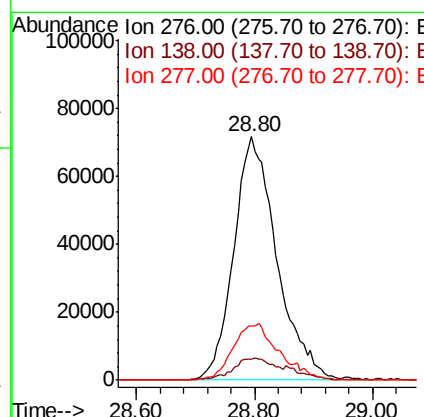
Manual Integrations
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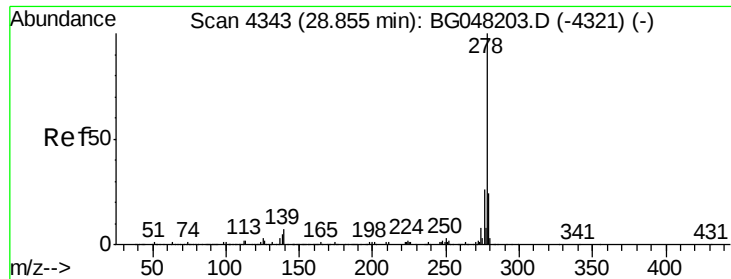
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 20.392 ng/ul
RT: 28.80 min Scan# 4333
Delta R.T. 0.01 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Tgt Ion:	276	Resp:	364145
Ion Ratio	Lower	Upper	
276	100		
138	8.8	7.4	11.2
277	22.1	20.2	30.2





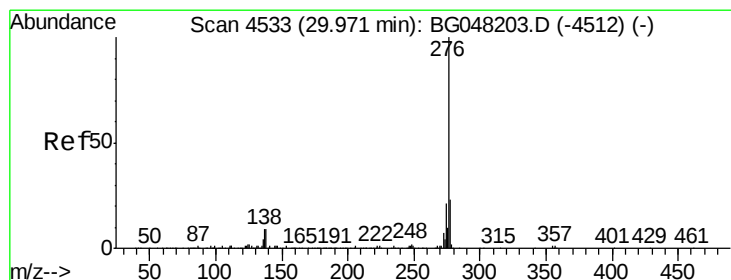
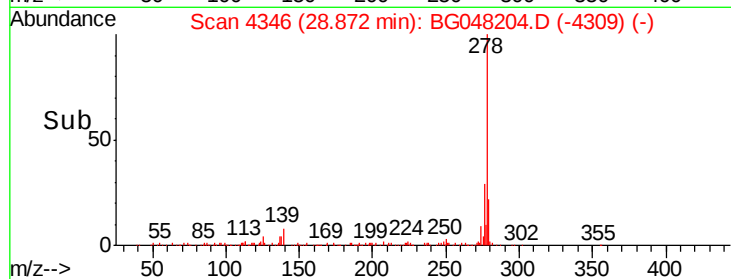
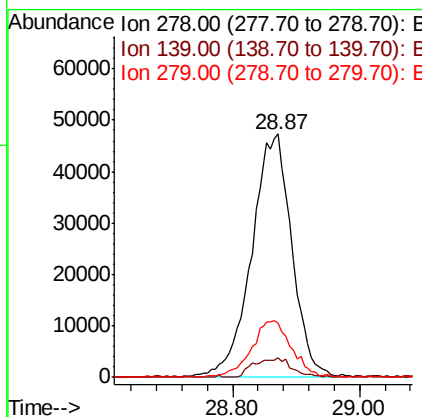
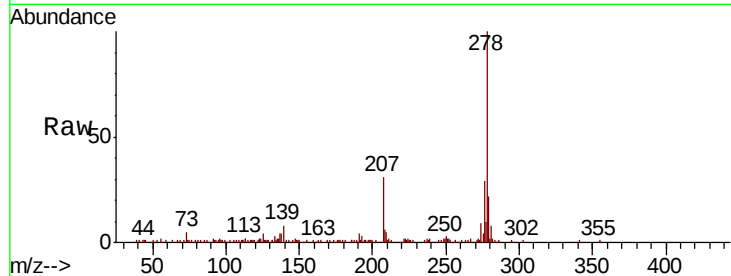
#93
Dibenzo(a,h)anthracene
Concen: 13.949 ng/ul
RT: 28.87 min Scan# 4346
Delta R.T. 0.02 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Instrument :
BNA_G
ClientSampleId :
DBGP4

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.1	5.4	8.2
279	22.4	19.6	29.4

Manual Integrations
APPROVED

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2/22/2021 2:08:34 PM



#94
Benzo(g,h,i)perylene
Concen: 32.165 ng/ul
RT: 29.98 min Scan# 4535
Delta R.T. 0.01 min
Lab File: BG048204.D
Acq: 19 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.0	7.1	10.7
277	22.4	18.2	27.2

