

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047544.D
 Acq On : 3 Dec 2020 18:45
 Operator : CG/JU
 Sample : L4866-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B74

Manual Integrations
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mohammad
 12/4/2020 4:30:35 PM

Quant Time: Dec 04 01:32:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	37602	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	135748	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	102655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	252931m	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	266763m	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	274377	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	2513	2.43	ng/uL	0.00
5) Phenol-d5	7.38	99	56137	14.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	30555	14.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	42415	16.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	39302	13.56	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	20563	18.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	27090	22.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	50743	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	47732	16.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	164474	18.66	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	196784	19.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	20955	15.59	ng/ul	0.00
58) Fluorene-d10	15.85	176	150062	18.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	28338	19.68	ng/ul	0.00
71) Anthracene-d10	17.69	188	246168	19.62	ng/ul	0.00
79) Pyrene-d10	19.96	212	312498	20.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	322812	20.44	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.41	94	18987	5.255	ng/ul 90
45) Dimethylphthalate	14.30	163	55673	6.193	ng/ul 97
70) Phenanthrene	17.64	178	89826	6.576	ng/ul 98
77) Fluoranthene	19.63	202	273551m	15.858	ng/ul
80) Pyrene	19.99	202	215928	11.427	ng/ul 99
83) Benzo(a)anthracene	21.85	228	117576m	6.195	ng/ul
85) Chrysene	21.92	228	131362	7.273	ng/ul 95
88) Benzo(b)fluoranthene	24.18	252	200311	10.340	ng/ul 95
89) Benzo(k)fluoranthene	24.24	252	51991m	2.723	ng/ul
91) Benzo(a)pyrene	25.10	252	115085	6.664	ng/ul# 96
92) Indeno(1,2,3-cd)pyrene	29.12	276	87190	4.151	ng/ul# 89
93) Dibenzo(a,h)anthracene	29.20	278	21932m	1.273	ng/ul
94) Benzo(g,h,i)perylene	30.36	276	79419m	4.582	ng/ul

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

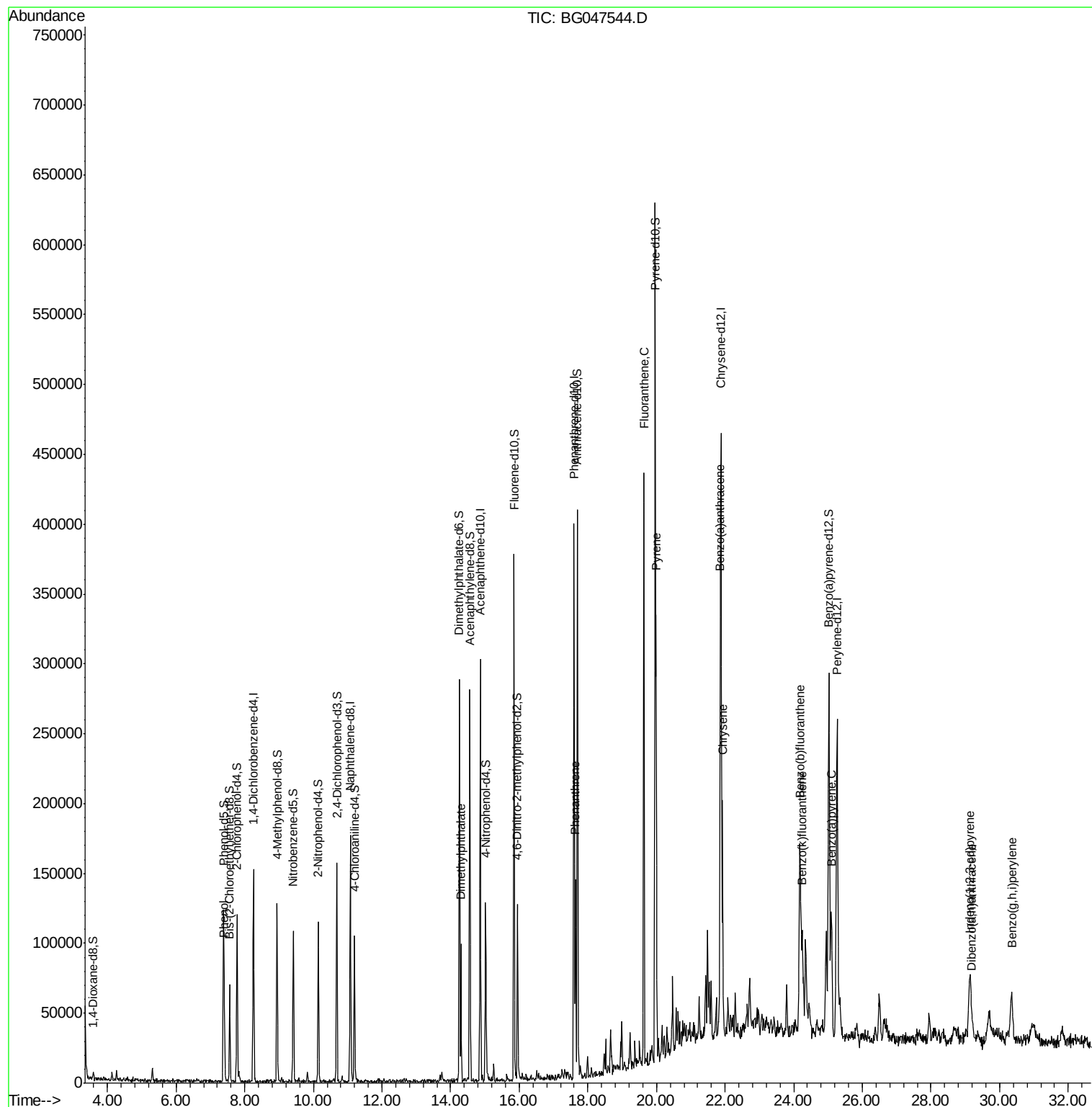
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047544.D
Acq On : 3 Dec 2020 18:45
Operator : CG/JU
Sample : L4866-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

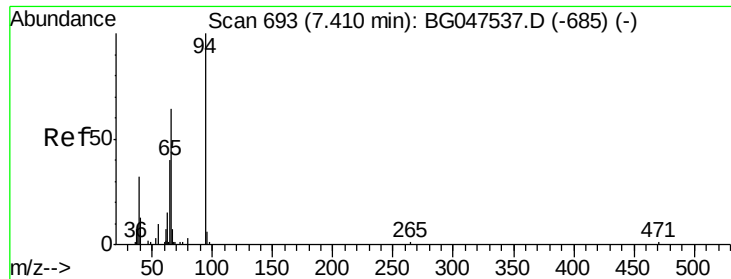
Instrument :
BNA_G
ClientSampleId :
C0B74

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Quant Time: Dec 04 01:32:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration





#6

Phenol

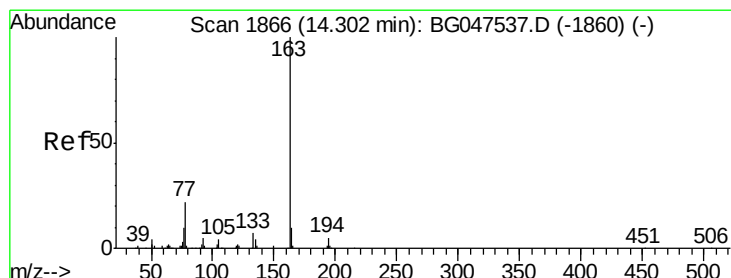
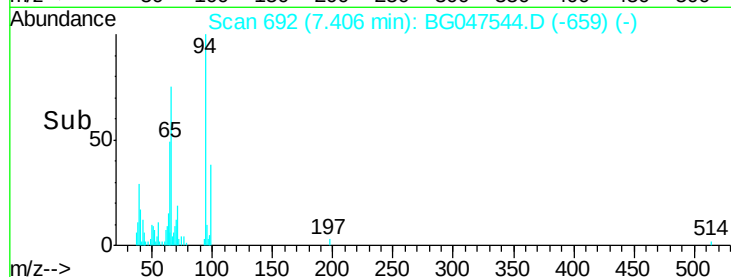
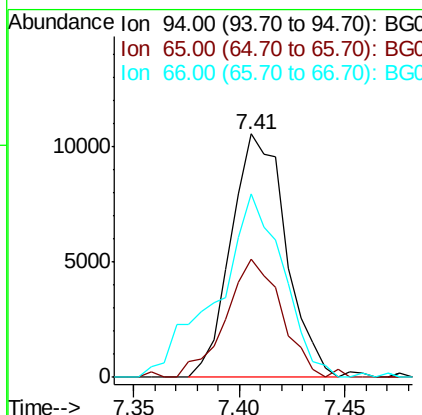
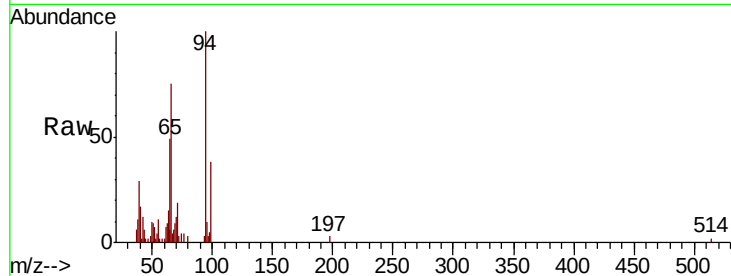
Concen: 5.255 ng/ul
 RT: 7.41 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BG047544.D
 Acq: 3 Dec 2020 18:45

Instrument :
 BNA_G
 ClientSampleId :
 C0B74

Tot Ion	Ratio	Lower	Upper
94	100		
65	48.7	33.8	50.6
66	75.2	53.5	80.3

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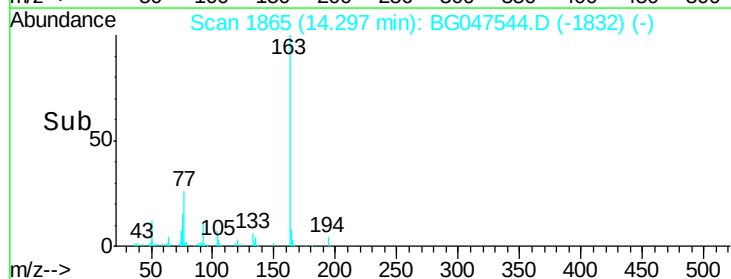
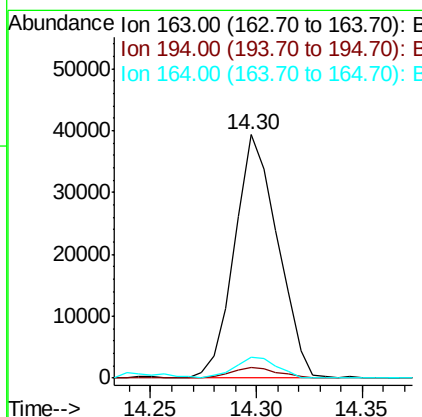
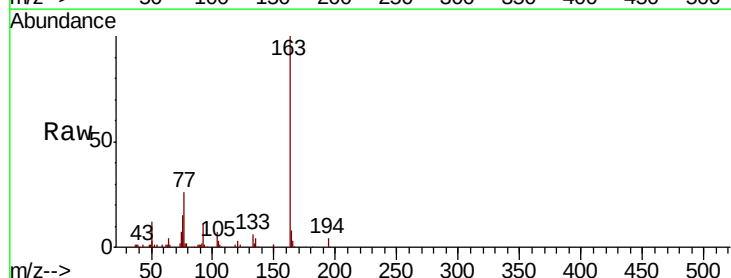


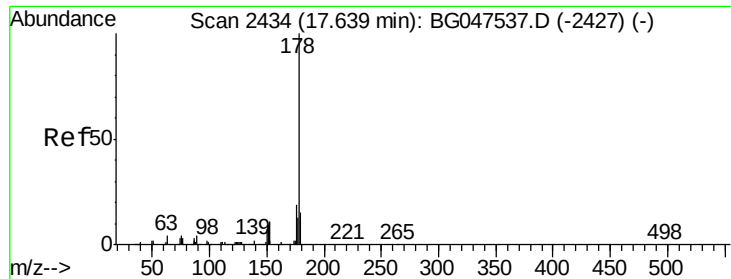
#45

Dimethylphthalate

Concen: 6.193 ng/ul
 RT: 14.30 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BG047544.D
 Acq: 3 Dec 2020 18:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	8.5	8.0	12.0





#70

Phenanthrene

Concen: 6.576 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

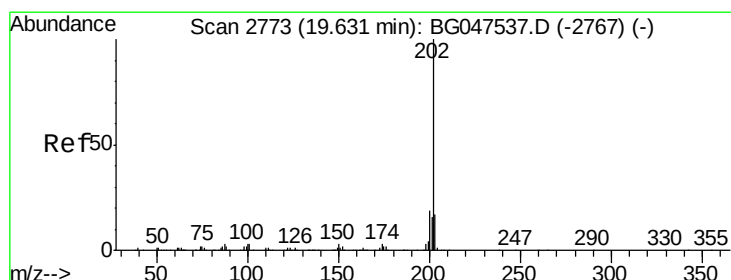
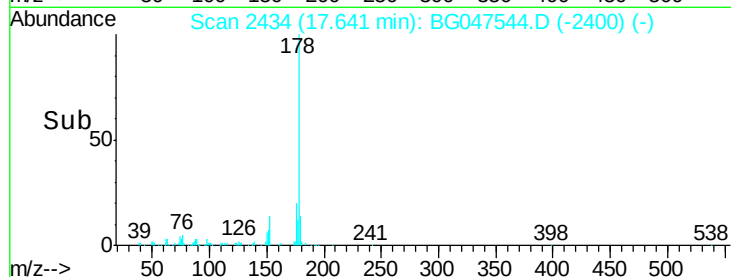
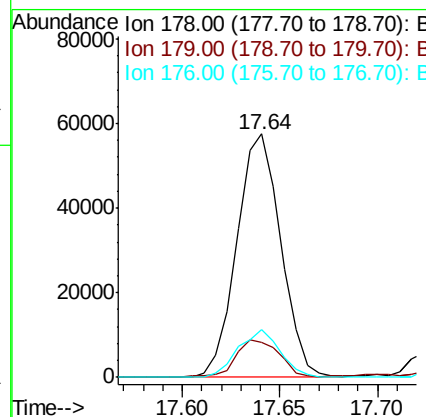
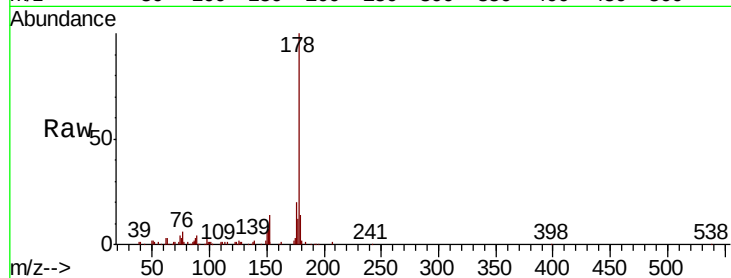
ClientSampleId :

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Tot Ion:	178	Resp:	89826
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.3	18.5
176	19.8	15.0	22.4

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#77

Fluoranthene

Concen: 15.858 ng/ul m

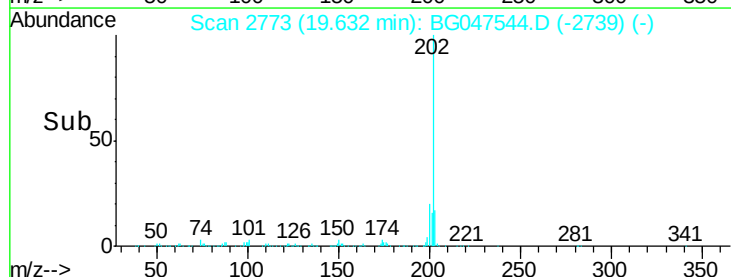
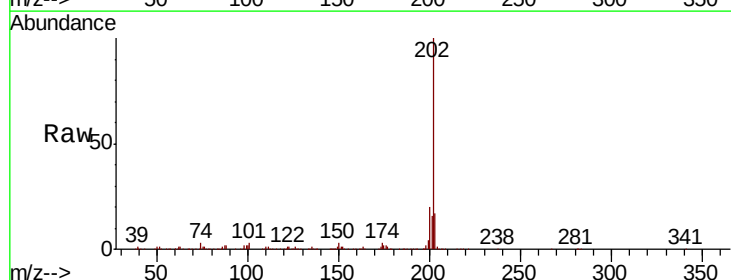
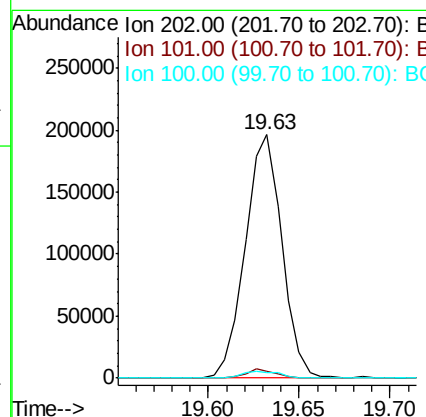
RT: 19.63 min Scan# 2773

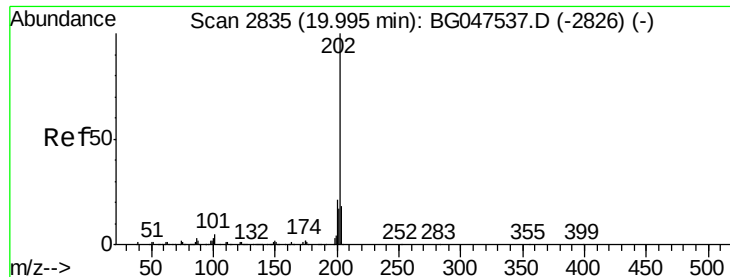
Delta R.T. 0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Tgt Ion:	202	Resp:	273551
Ion Ratio	Lower	Upper	
202	100		
101	2.6	2.8	4.2#
100	2.3	2.6	3.8#





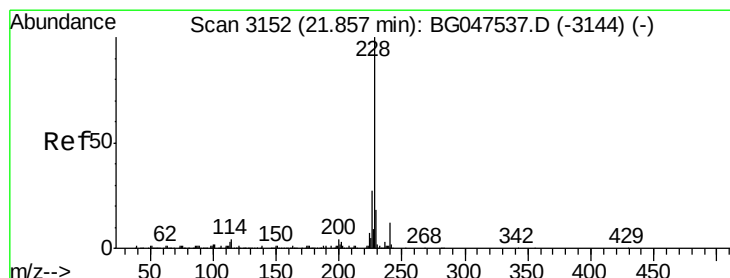
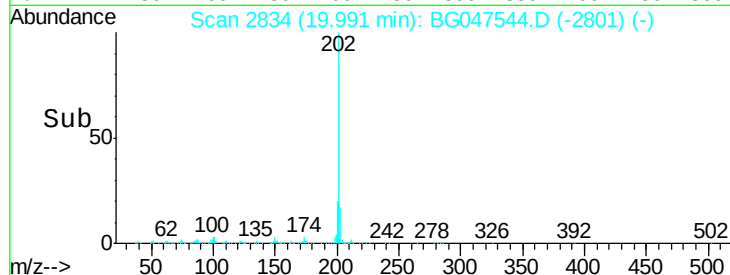
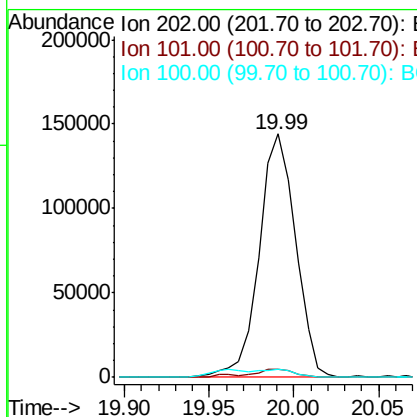
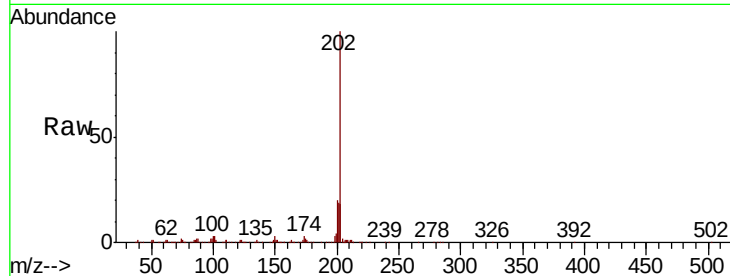
#80
Pvrene
Concen: 11.427 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG047544.D
Acq: 3 Dec 2020 18:45

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	4.5	3.8	5.6	
100	3.2	2.2	3.4	

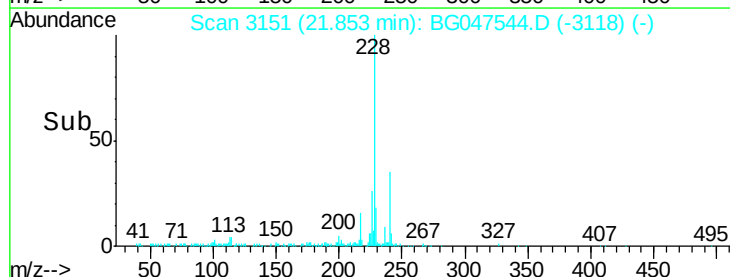
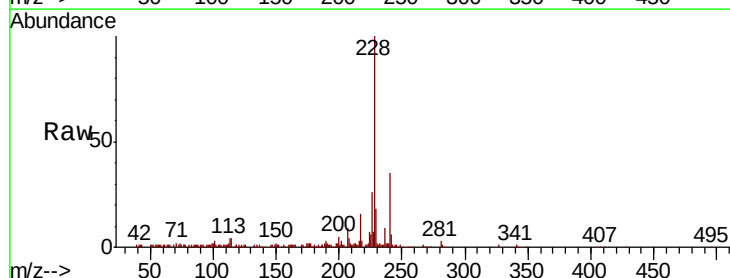
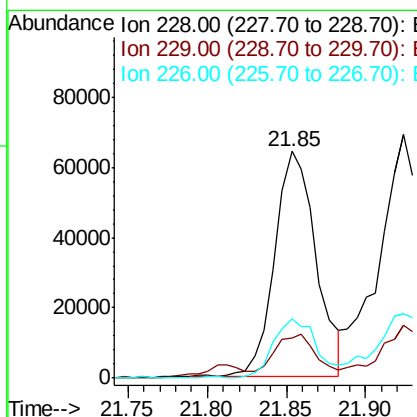
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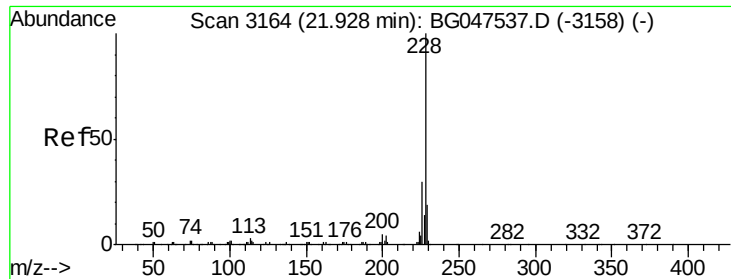
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#83
Benzo(a)anthracene
Concen: 6.195 ng/ul m
RT: 21.85 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG047544.D
Acq: 3 Dec 2020 18:45

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
228	100			
229	17.6	14.7	22.1	
226	26.3	21.6	32.4	





#85

Chrysene

Concen: 7.273 ng/ul

RT: 21.92 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

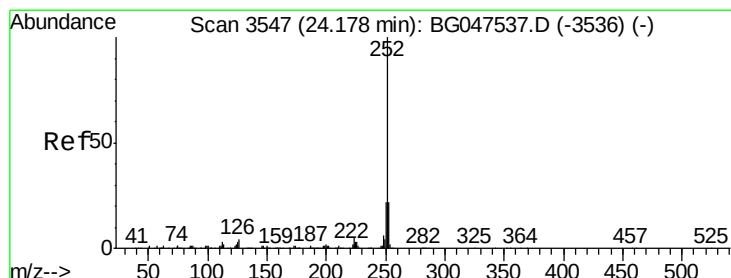
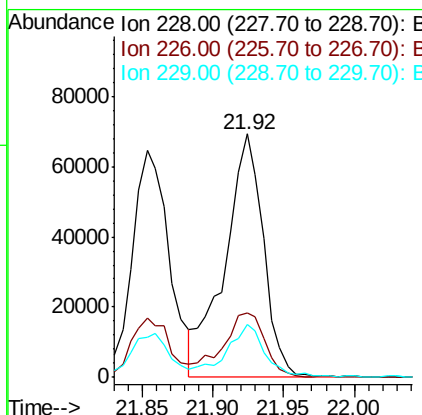
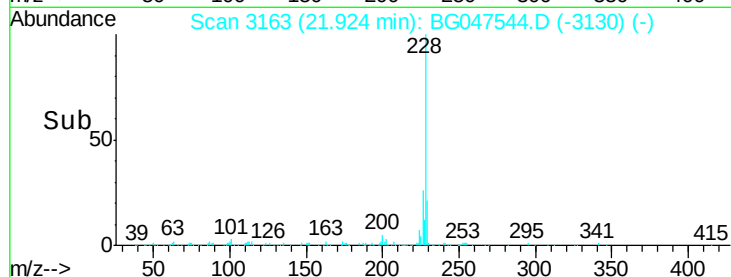
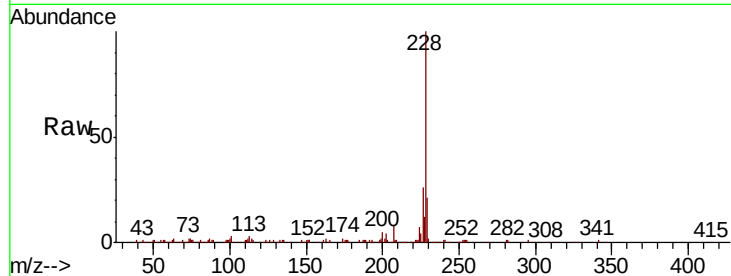
ClientSampleId :

C0B74

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.8	35.6
229	21.5	15.5	23.3

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#88

Benzo(b)fluoranthene

Concen: 10.340 ng/ul

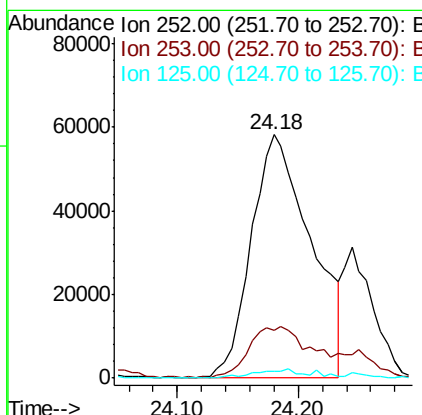
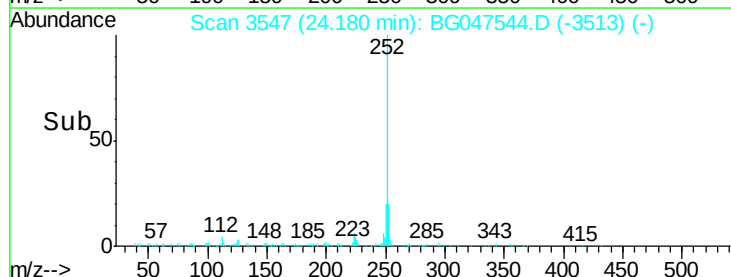
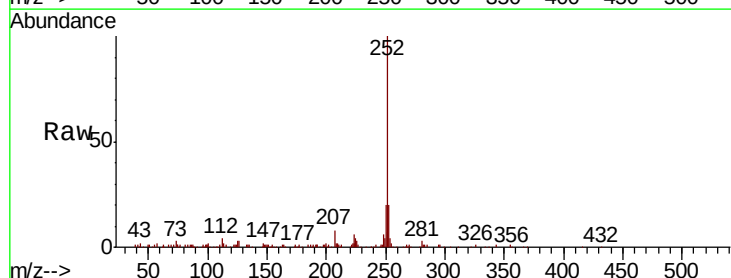
RT: 24.18 min Scan# 3547

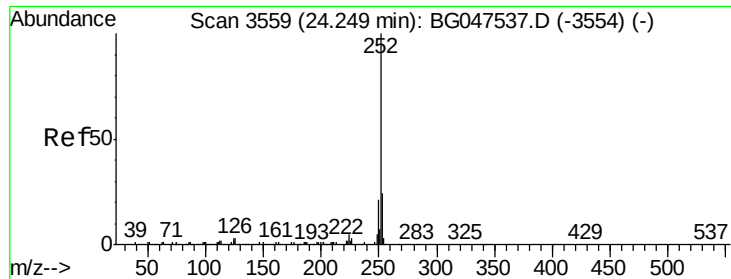
Delta R.T. 0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.9	26.9
125	2.6	2.4	3.6





#89

Benzo(k)fluoranthene

Concen: 2.723 ng/ul m

RT: 24.24 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

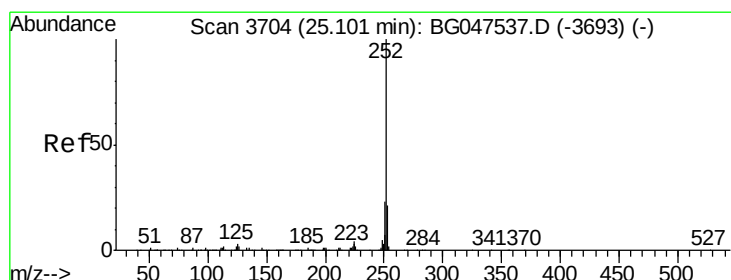
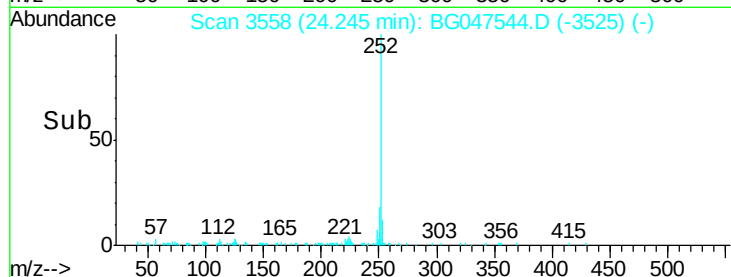
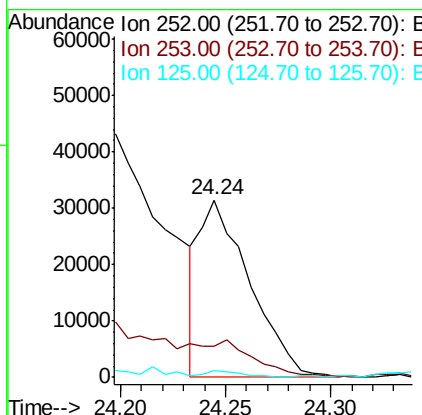
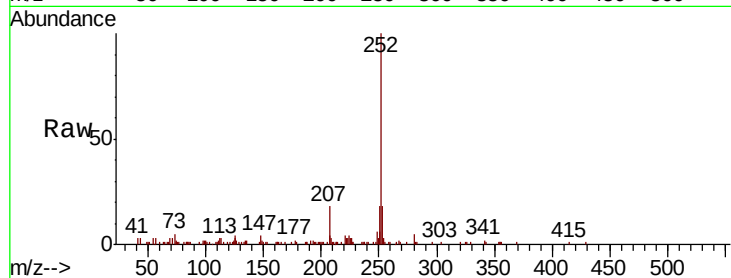
ClientSampled :

C0B74

Tot Ion:	252	Resp:	51991
Ion Ratio	Lower	Upper	
252	100		
253	17.8	19.0	28.4#
125	4.1	2.2	3.4#

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#91

Benzo(a)pyrene

Concen: 6.664 ng/ul

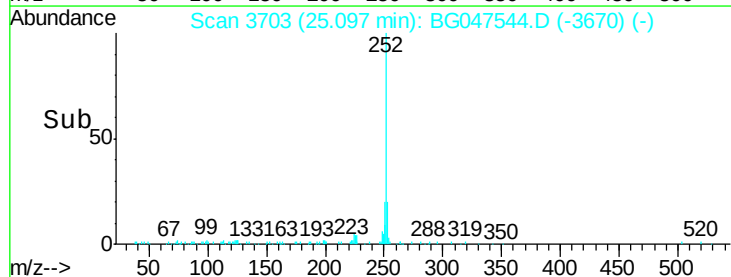
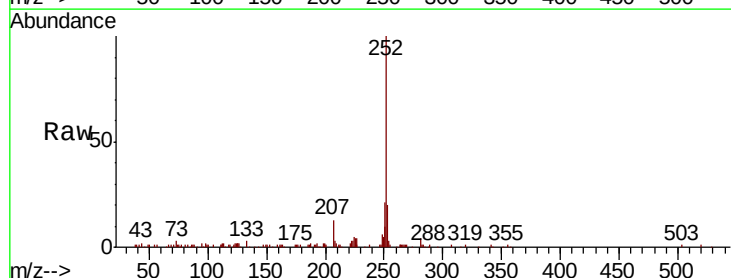
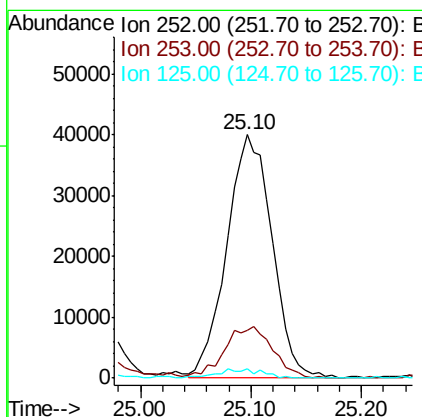
RT: 25.10 min Scan# 3703

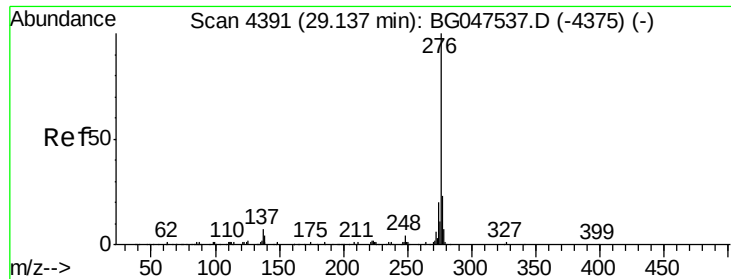
Delta R.T. -0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Tgt Ion:	252	Resp:	115085
Ion Ratio	Lower	Upper	
252	100		
253	19.7	17.3	25.9
125	3.9	2.3	3.5#





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.151 ng/ul

RT: 29.12 min Scan# 4388

Delta R.T. -0.02 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

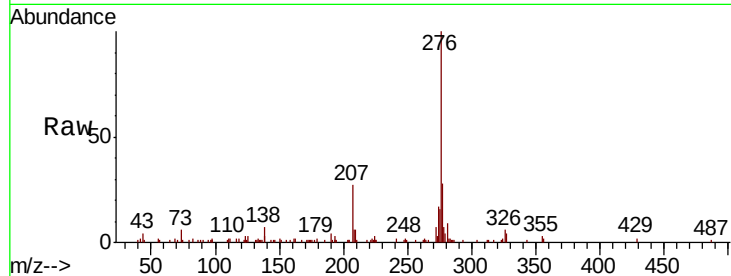
ClientSampled :

C0B74

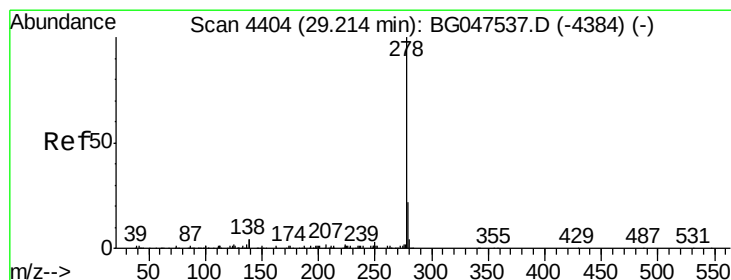
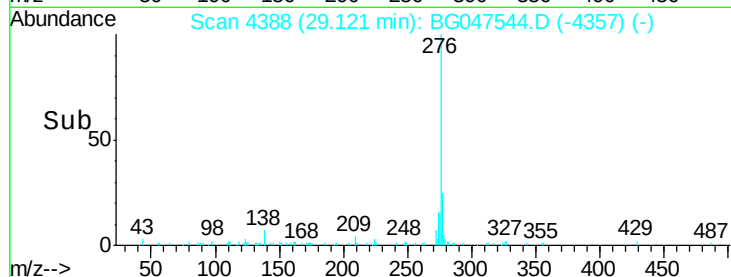
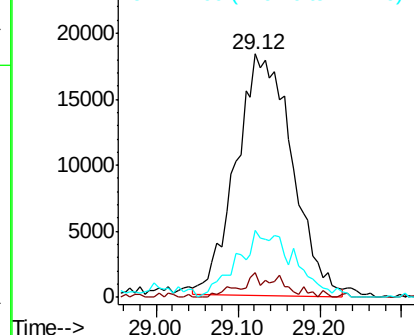
Tot Ion:	276	Resp:	87190
Ion Ratio	Lower	Upper	
276	100		
138	10.3	3.7	5.5#
277	27.6	18.2	27.4#

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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



#93

Dibenzo(a,h)anthracene

Concen: 1.273 ng/ul m

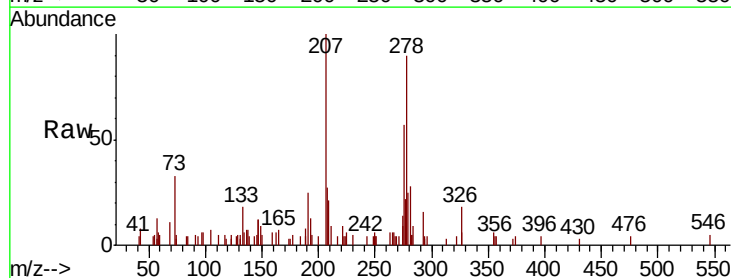
RT: 29.20 min Scan# 4401

Delta R.T. -0.02 min

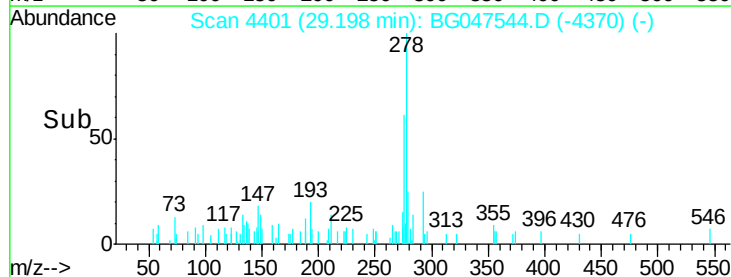
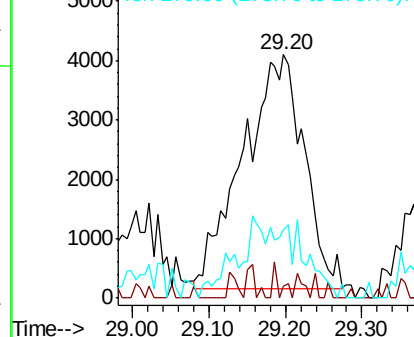
Lab File: BG047544.D

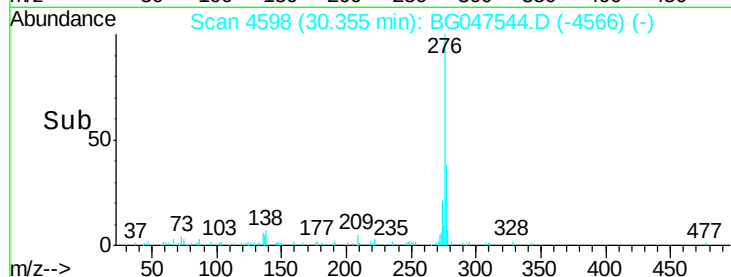
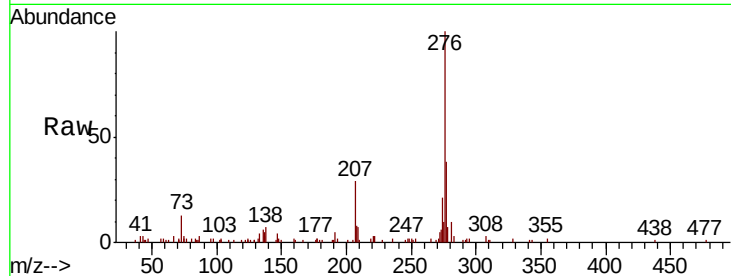
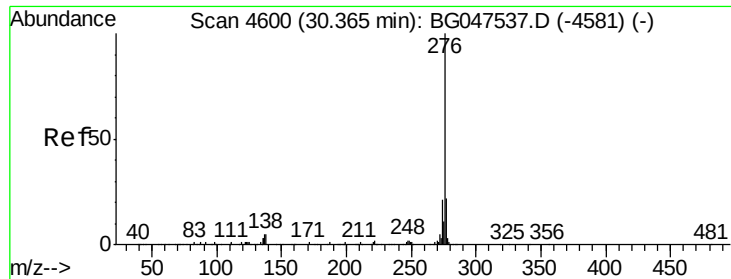
Acq: 3 Dec 2020 18:45

Tgt Ion:	278	Resp:	21932
Ion Ratio	Lower	Upper	
278	100		
139	4.8	3.4	5.0
279	28.0	18.0	27.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 4.582 ng/ul m

RT: 30.36 min Scan# 4598

Delta R.T. -0.01 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

ClientSampleId :

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Tot Ion: 276 Resp: 79419

Ion Ratio Lower Upper

276 100

138 7.4 3.6 5.4#

277 38.1 17.5 26.3#

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