

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047554.D
 Acq On : 4 Dec 2020 2:10
 Operator : CG/JU
 Sample : L4855-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z7

Manual Integrations
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Quant Time: Dec 04 03:47:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	35744	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	125631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	89747	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	204333	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	203036	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	216022	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6917	7.03	ng/uL	0.01
5) Phenol-d5	7.39	99	138157	38.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	72026	35.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	102255	42.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	101309	36.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	48790	47.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	59335	52.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	112413	43.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	53159m	20.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	320733	41.63	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	397088	44.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	51148	43.51	ng/ul	0.00
58) Fluorene-d10	15.85	176	307898	43.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	65470	56.29	ng/ul	0.00
71) Anthracene-d10	17.70	188	470597	46.43	ng/ul	0.00
79) Pyrene-d10	19.97	212	512658	43.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	560656	45.09	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	7.37	77	3953	1.867	ng/ul#	73
6) Phenol	7.41	94	5225	1.521	ng/ul#	84
28) Naphthalene	11.13	128	8266	1.162	ng/ul#	95
45) Dimethylphthalate	14.30	163	10921	1.390	ng/ul#	94
70) Phenanthrene	17.64	178	45015	4.080	ng/ul	97
77) Fluoranthene	19.63	202	107970	7.748	ng/ul#	98
80) Pyrene	19.99	202	97265	6.763	ng/ul#	97
83) Benzo(a)anthracene	21.86	228	66845m	4.627	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.74	149	44153	6.271	ng/ul#	94
85) Chrysene	21.92	228	66861	4.863	ng/ul	97
88) Benzo(b)fluoranthene	24.18	252	101436	6.651	ng/ul	96
89) Benzo(k)fluoranthene	24.24	252	33918m	2.257	ng/ul	
91) Benzo(a)pyrene	25.11	252	59595	4.383	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.12	276	43602m	2.636	ng/ul	
93) Dibenzo(a,h)anthracene	29.18	278	14004m	1.033	ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	43324m	3.175	ng/ul	

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

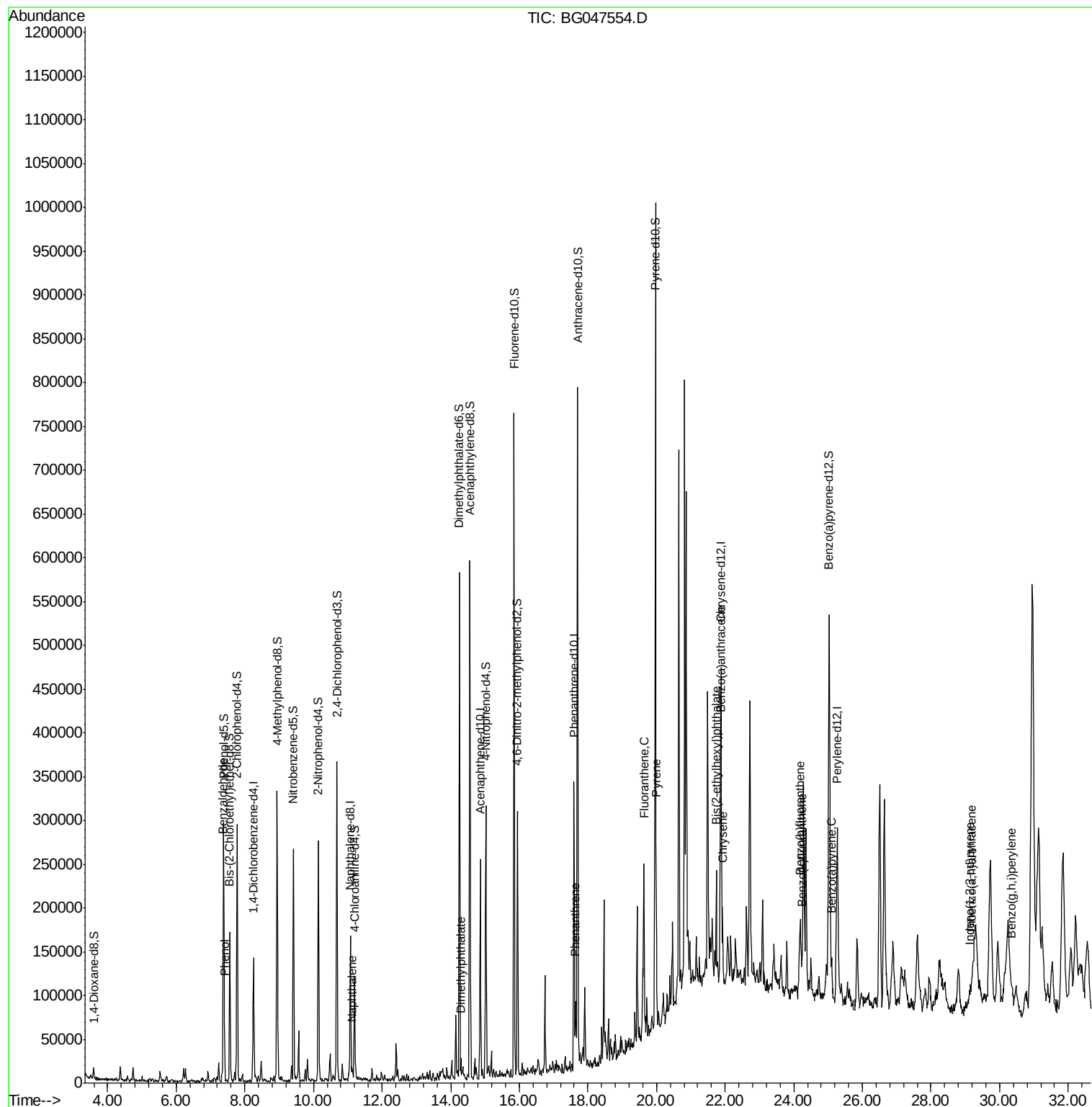
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

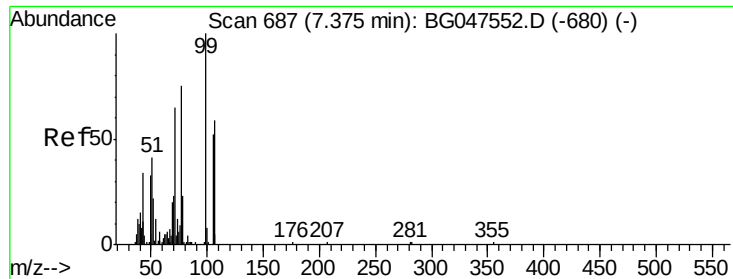
Instrument :
BNA_G
ClientSampleId :
CB7Z7

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Quant Time: Dec 04 03:47:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.867 ng/ul

RT: 7.37 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Instrument :

BNA_G

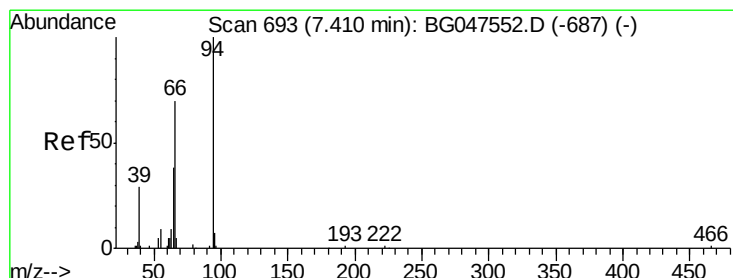
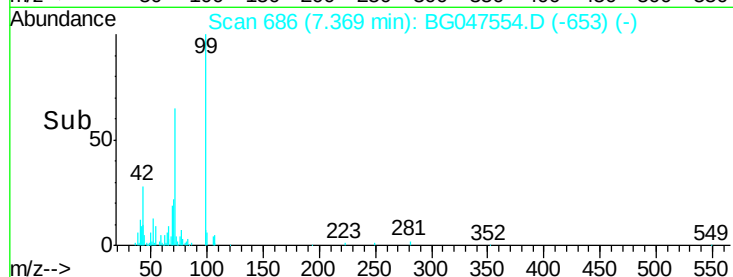
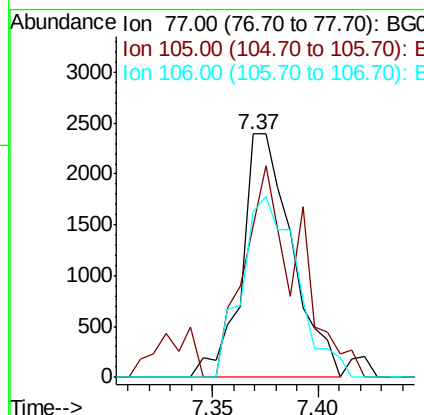
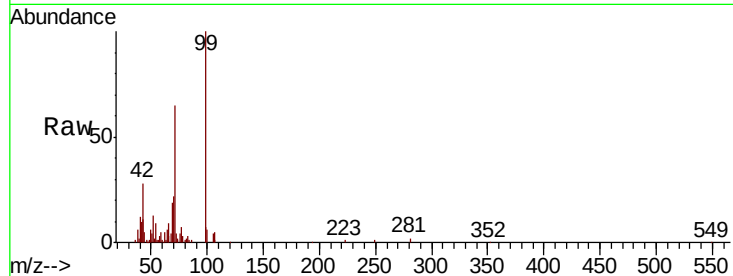
ClientSampled :

CB7Z7

Tot Ion	Ratio	Lower	Upper
77	100		
105	62.5	77.4	116.2#
106	67.8	67.7	101.5

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#6

Phenol

Concen: 1.521 ng/ul

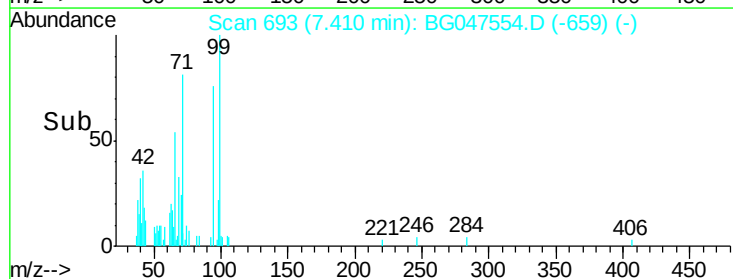
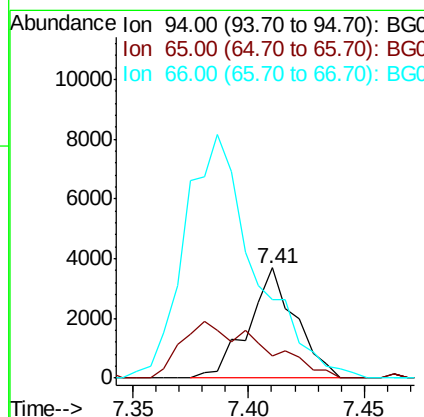
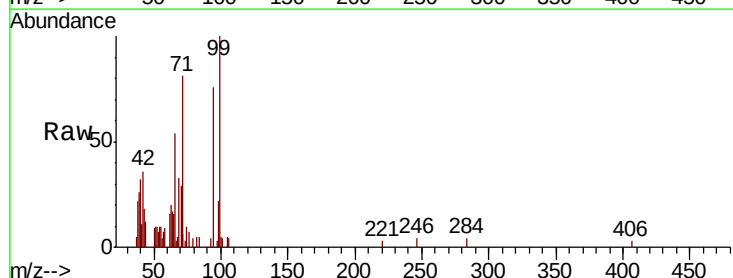
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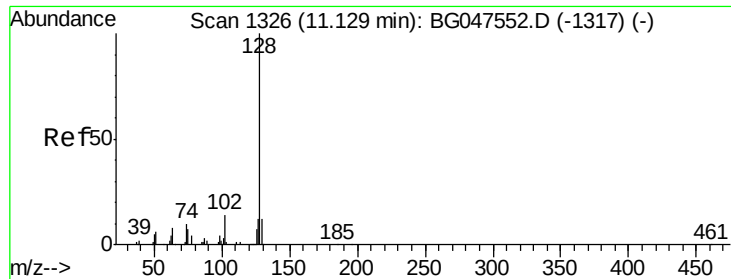
Delta R.T. 0.00 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	20.5	33.8	50.6#
66	70.9	53.5	80.3





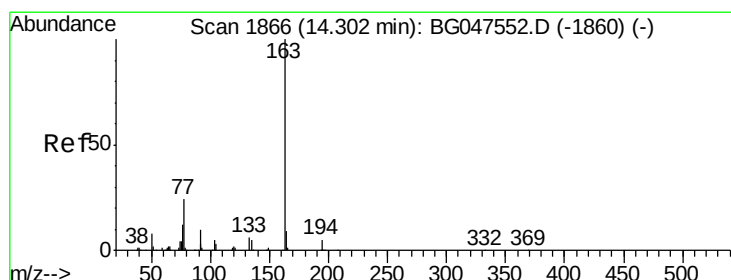
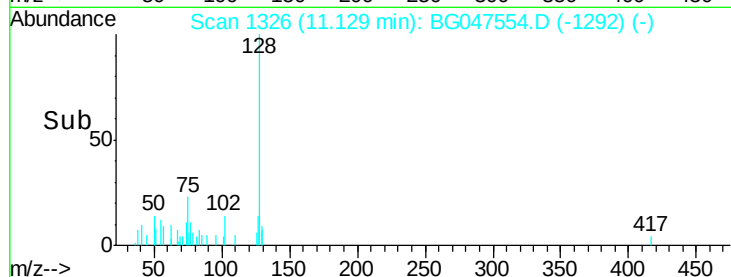
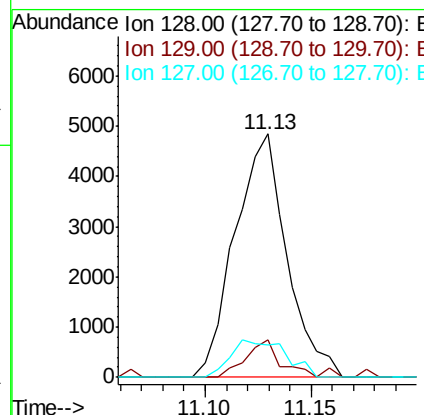
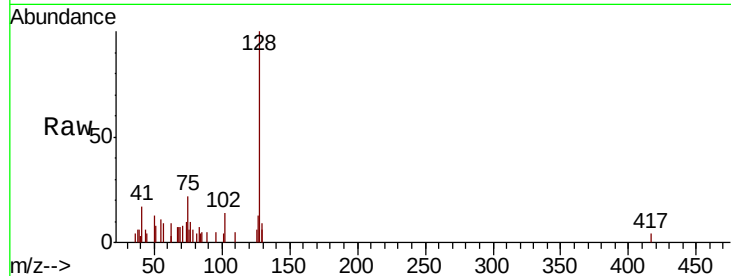
#28
Naphthalene
Concen: 1.162 ng/ul
RT: 11.13 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG047554.D
Acq: 4 Dec 2020 2:10

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.2	8.6	13.0#
127	13.5	10.7	16.1

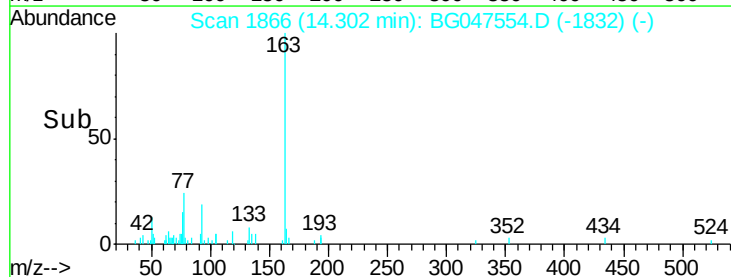
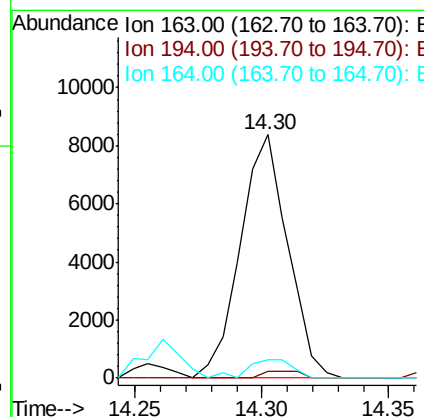
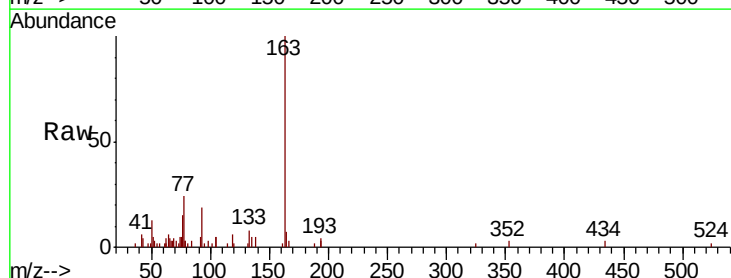
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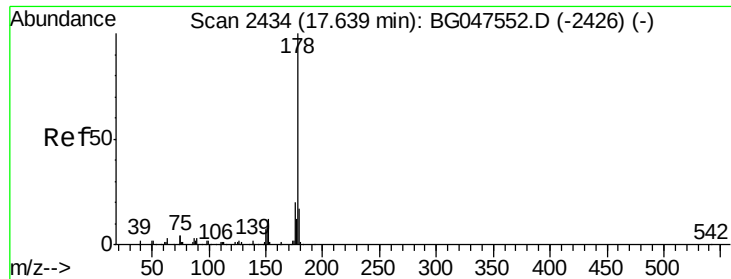
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#45
Dimethylphthalate
Concen: 1.390 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG047554.D
Acq: 4 Dec 2020 2:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.6	5.4#
164	7.5	8.0	12.0#





#70

Phenanthrene

Concen: 4.080 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Instrument :

BNA_G

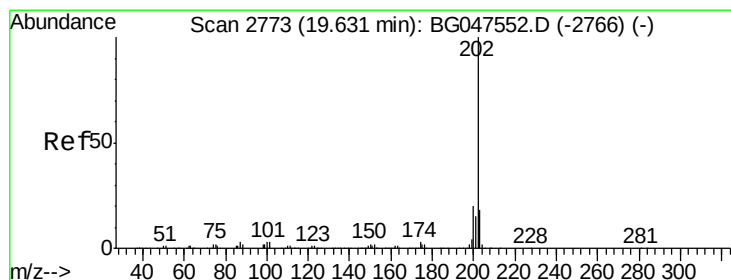
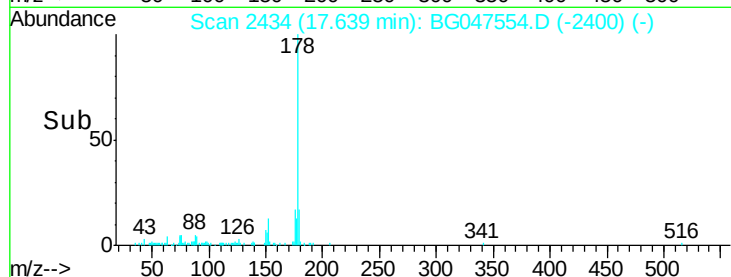
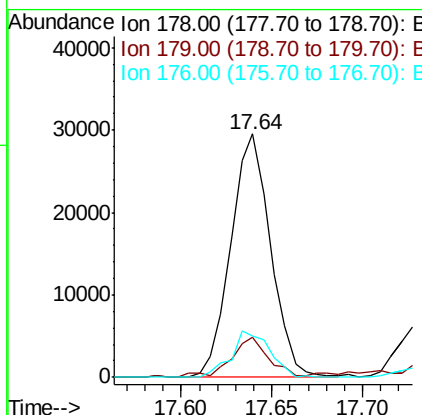
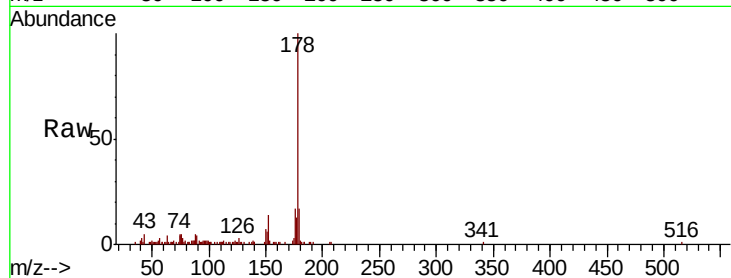
ClientSampleId :

CB7Z7

Tot Ion:	178	Resp:	45015
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.3	18.5
176	17.1	15.0	22.4

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#77

Fluoranthene

Concen: 7.748 ng/ul

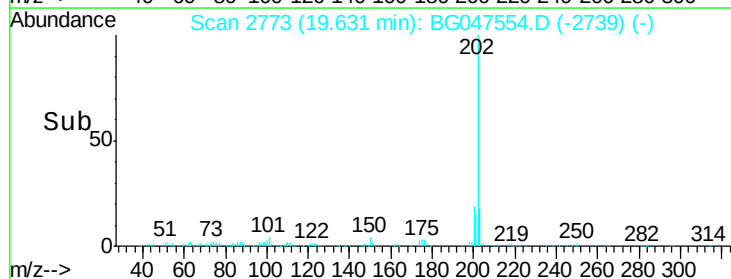
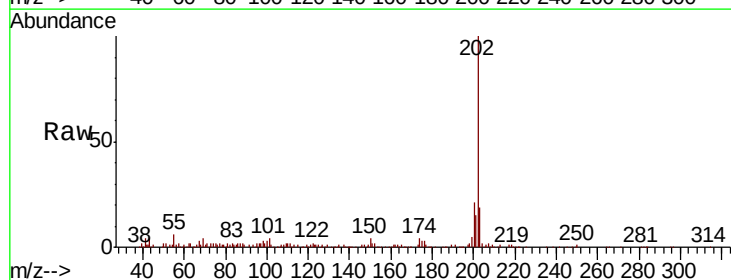
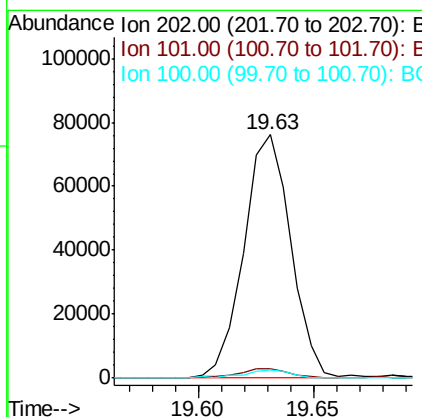
RT: 19.63 min Scan# 2773

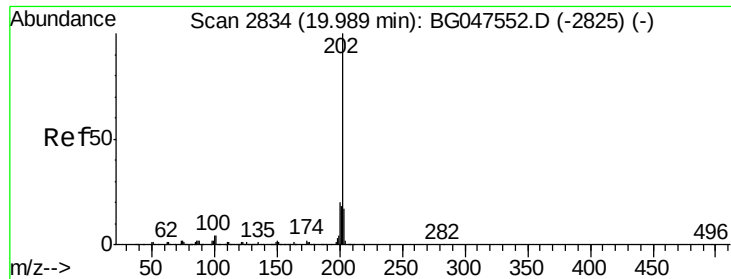
Delta R.T. 0.00 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Tgt Ion:	202	Resp:	107970
Ion Ratio	Lower	Upper	
202	100		
101	4.5	2.8	4.2#
100	3.3	2.6	3.8





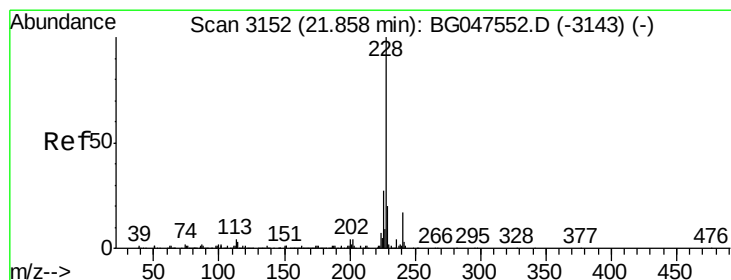
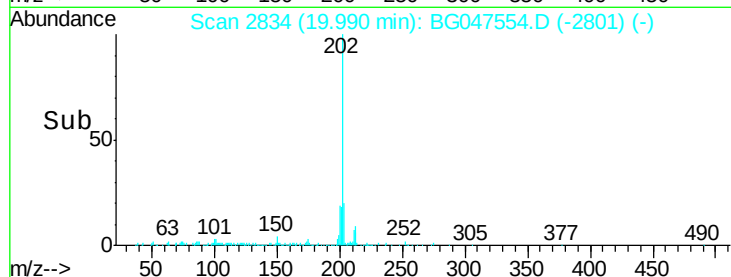
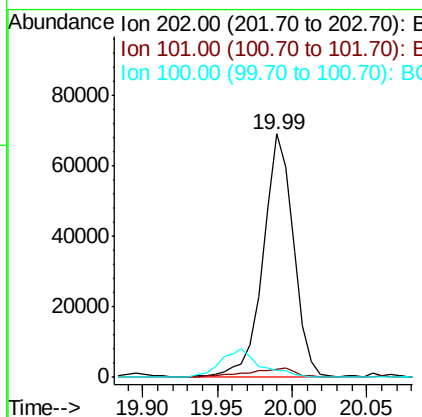
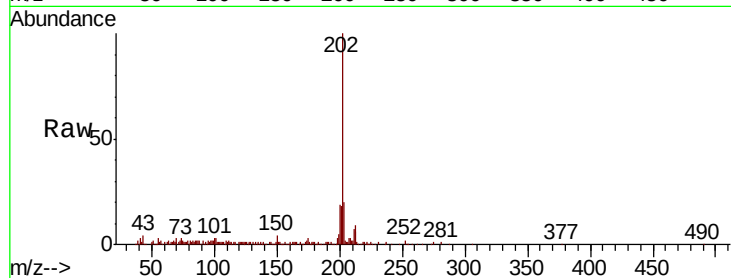
#80
Pvrene
Concen: 6.763 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BG047554.D
Acq: 4 Dec 2020 2:10

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.3	3.8	5.6#
100	3.0	2.2	3.4

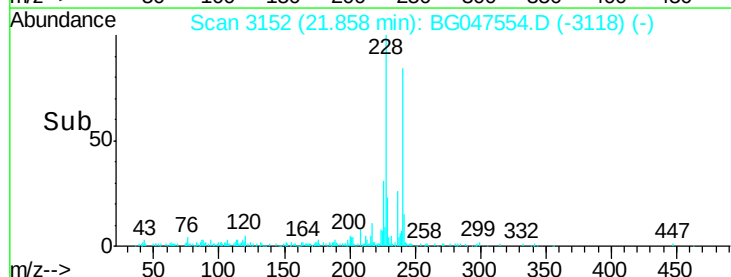
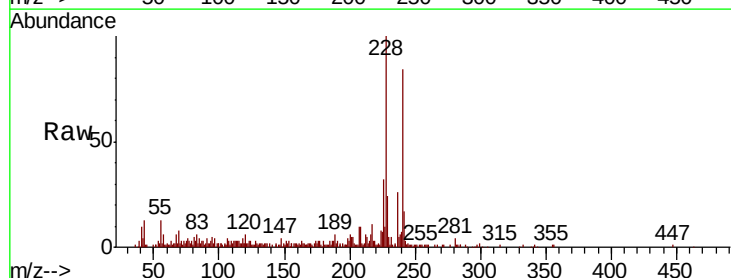
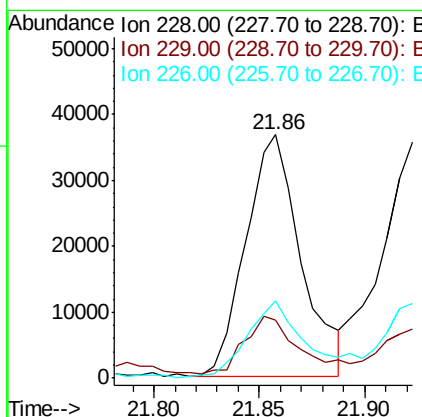
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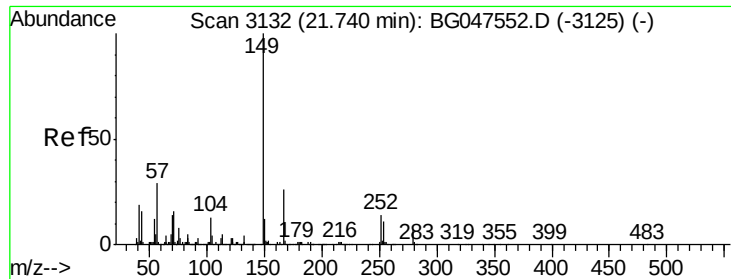
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#83
Benzo(a)anthracene
Concen: 4.627 ng/ul m
RT: 21.86 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG047554.D
Acq: 4 Dec 2020 2:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.9	14.7	22.1#
226	31.9	21.6	32.4





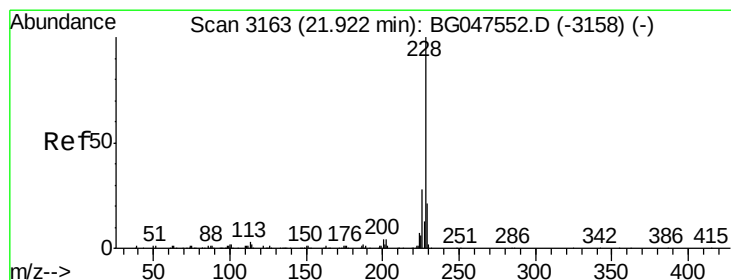
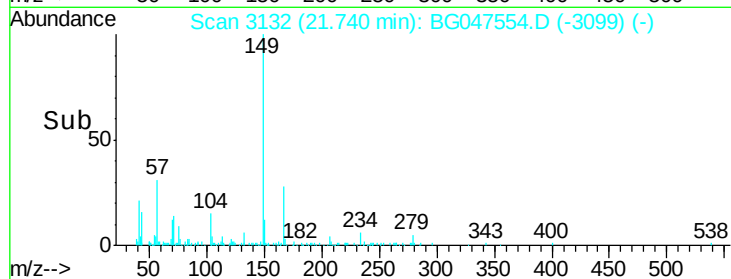
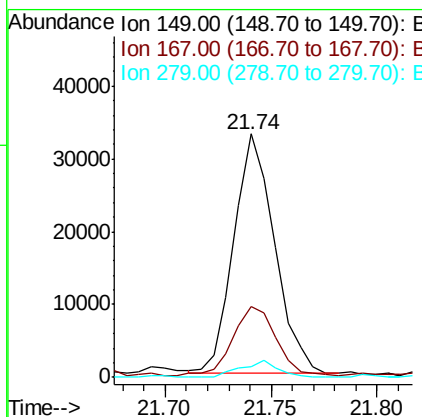
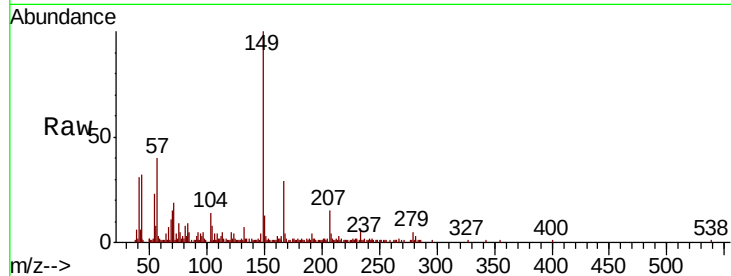
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.271 ng/ul
 RT: 21.74 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG047554.D
 Acq: 4 Dec 2020 2:10

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z7

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	20.9	31.3
279	4.6	5.2	7.8

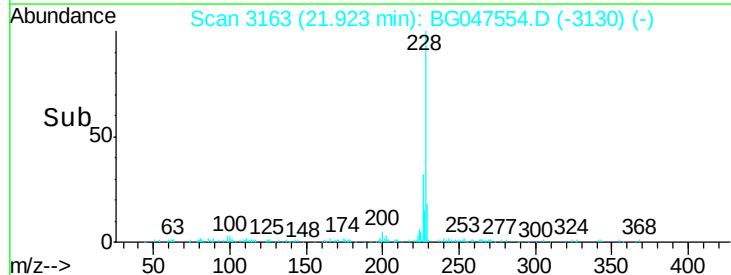
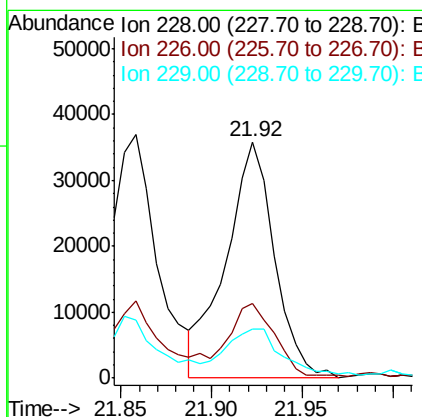
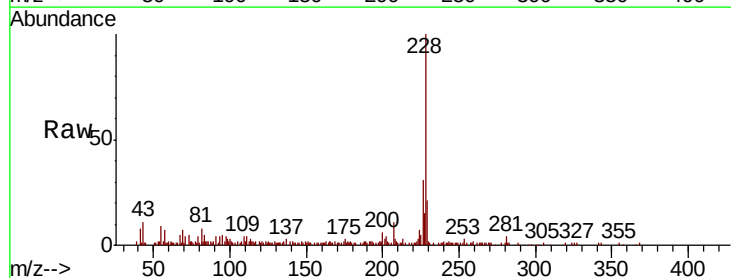
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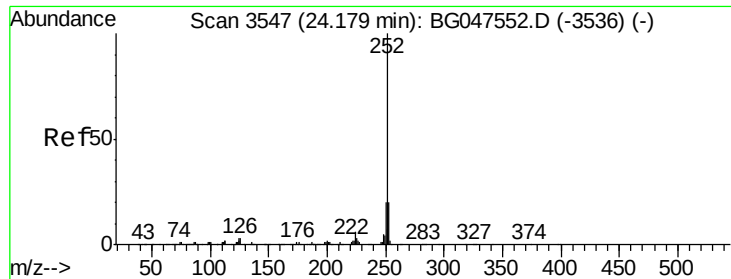
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#85
 Chrysene
 Concen: 4.863 ng/ul
 RT: 21.92 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG047554.D
 Acq: 4 Dec 2020 2:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.8	35.6
229	20.8	15.5	23.3





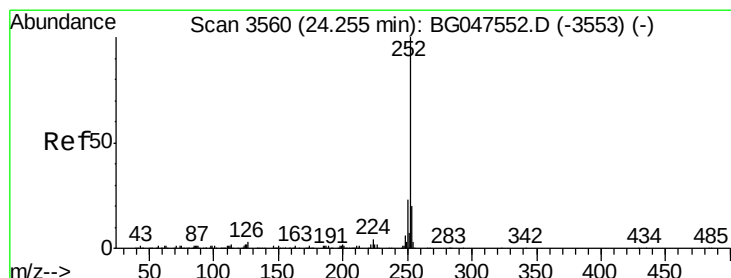
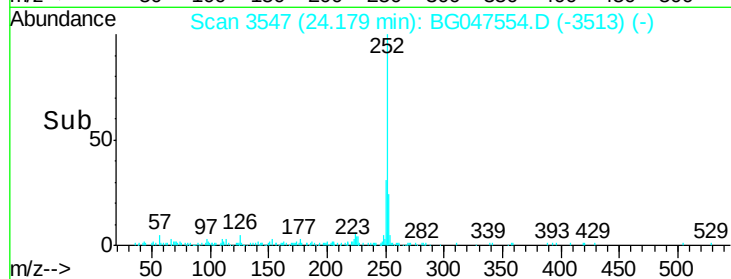
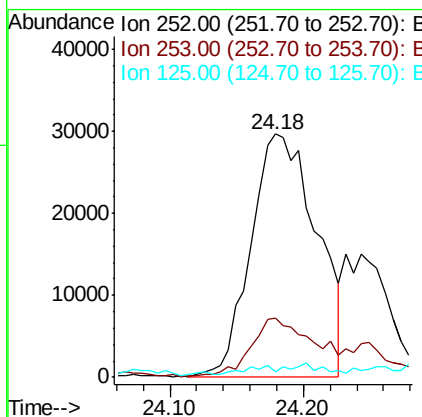
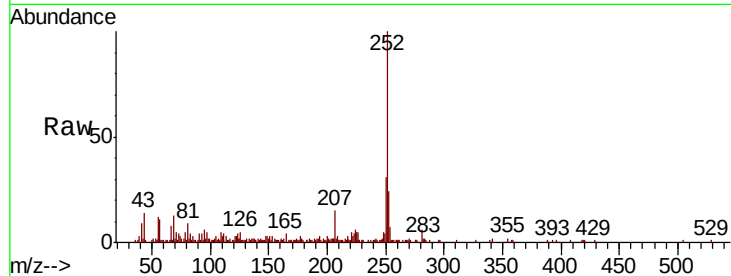
#88
Benzo(b)fluoranthene
Concen: 6.651 ng/ul
RT: 24.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG047554.D
Acq: 4 Dec 2020 2:10

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	2.5	2.4	3.6

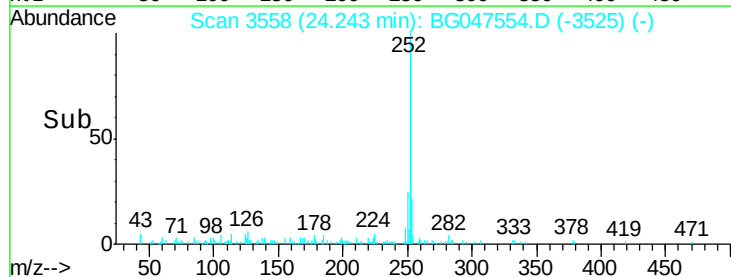
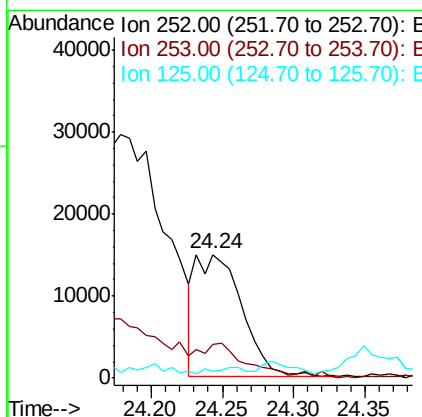
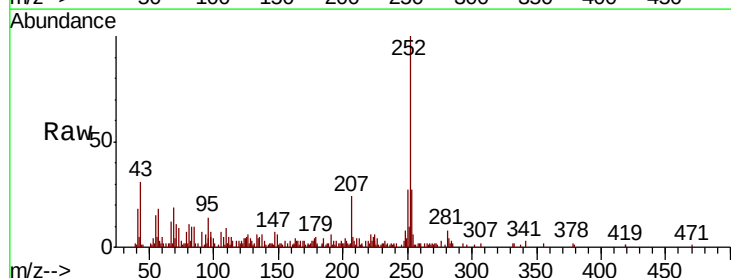
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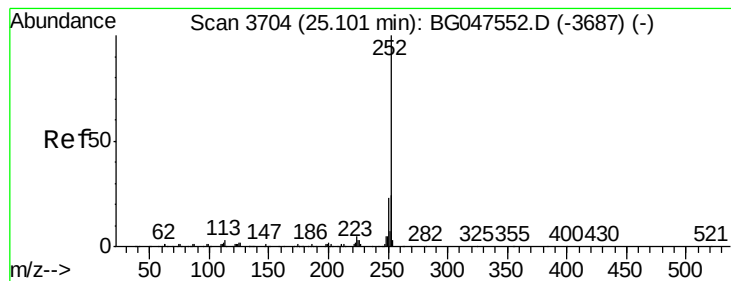
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#89
Benzo(k)fluoranthene
Concen: 2.257 ng/ul m
RT: 24.24 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG047554.D
Acq: 4 Dec 2020 2:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.0	28.4
125	5.4	2.2	3.4#





#91

Benzo(a)pyrene

Concen: 4.383 ng/ul

RT: 25.11 min Scan# 3705

Delta R.T. 0.01 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Instrument :

BNA_G

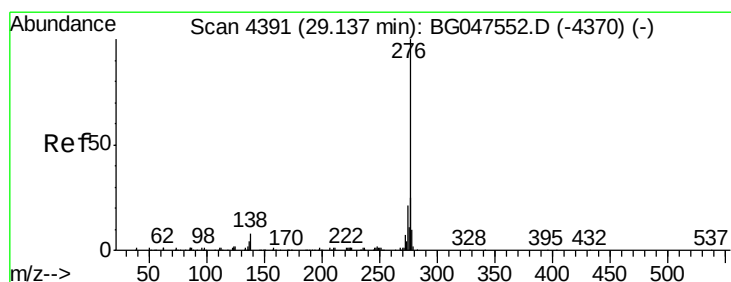
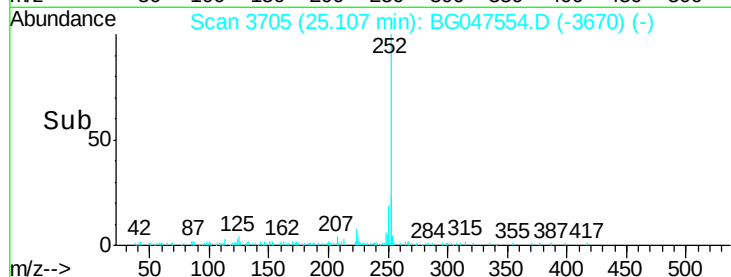
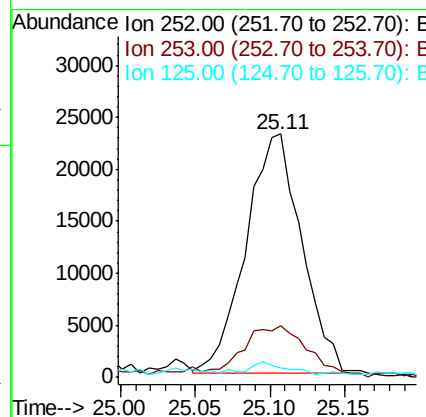
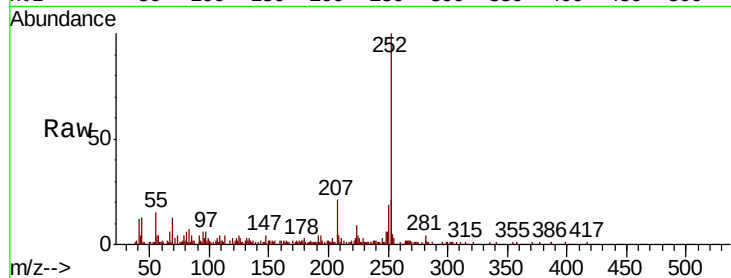
ClientSampleId :

CB7Z7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.2	17.3	25.9
125	3.7	2.3	3.5#

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.636 ng/ul m

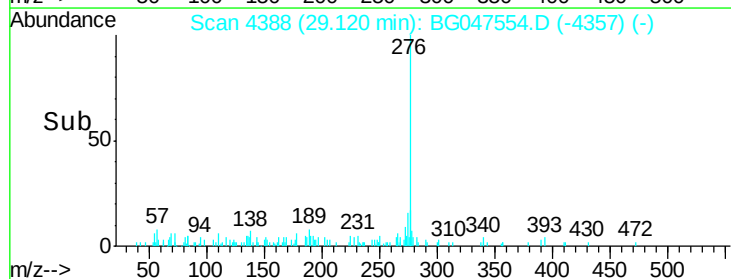
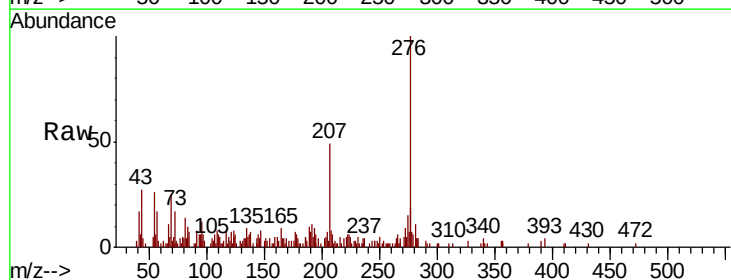
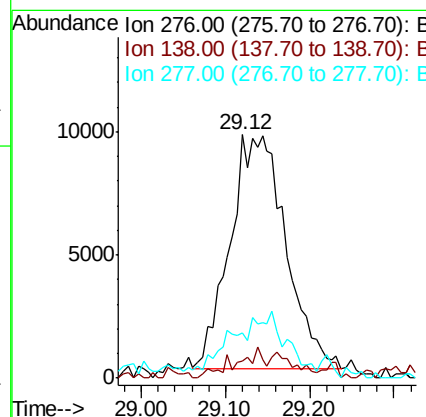
RT: 29.12 min Scan# 4388

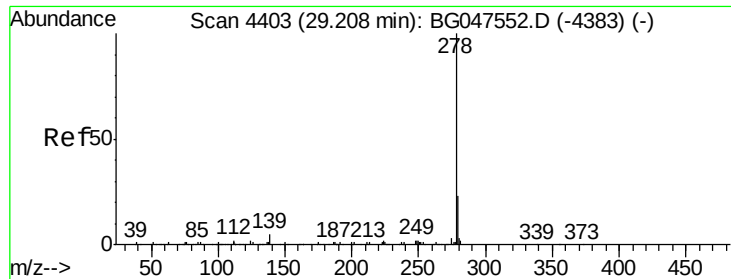
Delta R.T. -0.02 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	6.8	3.7	5.5#
277	18.6	18.2	27.4





#93

Dibenzo(a,h)anthracene

Concen: 1.033 ng/ul m

RT: 29.18 min Scan# 4399

Delta R.T. -0.03 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Instrument :

BNA_G

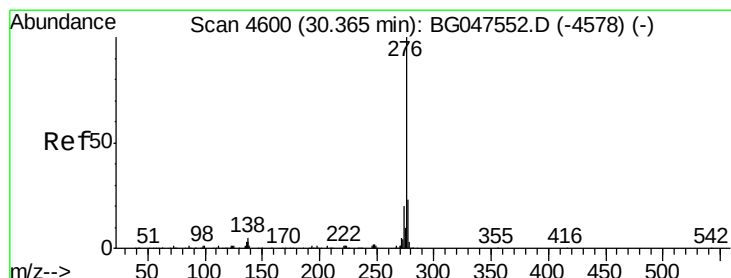
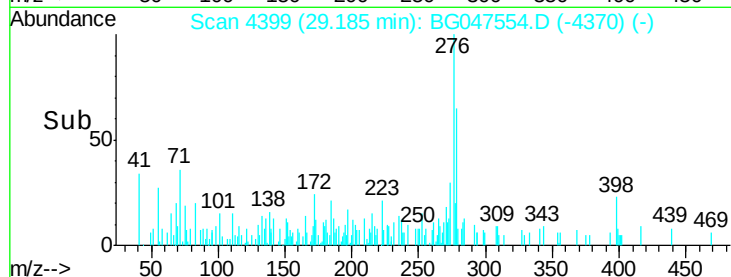
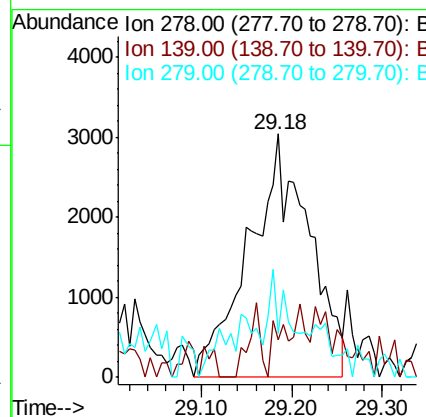
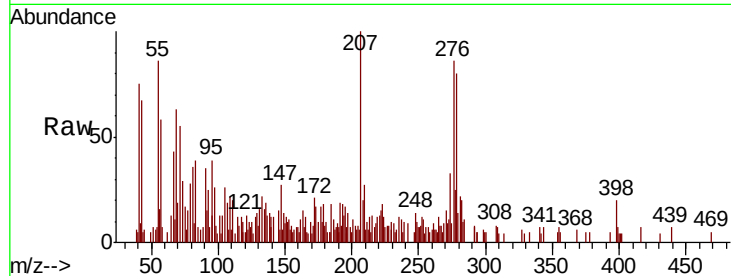
ClientSampleId :

CB7Z7

Tot Ion:	278	Resp:	14004
Ion Ratio	Lower	Upper	
278	100		
139	15.5	3.4	5.0#
279	18.0	18.0	27.0#

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM



#94

Benzo(g,h,i)perylene

Concen: 3.175 ng/ul m

RT: 30.35 min Scan# 4597

Delta R.T. -0.02 min

Lab File: BG047554.D

Acq: 4 Dec 2020 2:10

Tgt Ion:	276	Resp:	43324
Ion Ratio	Lower	Upper	
276	100		
138	3.7	3.6	5.4
277	25.6	17.5	26.3

