

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046959.D
 Acq On : 18 Oct 2020 3:45
 Operator : CG/JU
 Sample : L4201-13DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3DL

Manual Integrations
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mohammad
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Quant Time: Oct 19 03:18:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 02:31:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	56911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	239543	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	174273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	384372	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	357217	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	347866	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1968	1.54	ng/uL	0.00
5) Phenol-d5	7.22	99	33308	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	23395	8.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	27349	7.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	24831	6.19	ng/ul	-0.01
19) Nitrobenzene-d5	9.23	128	14945	7.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	18418	7.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	31337	6.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	15735	3.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	127684	8.82	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	140941	8.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	10304	4.13	ng/ul	0.00
58) Fluorene-d10	15.68	176	109567	8.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	17719	6.69	ng/ul	0.00
71) Anthracene-d10	17.54	188	154650	8.31	ng/ul	0.00
79) Pyrene-d10	19.82	212	178446	9.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	162600	8.30	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.14	163	40667	2.710 ng/ul	99
50) Acenaphthene	14.76	153	46782	4.000 ng/ul	96
57) Diethylphthalate	15.50	149	17783	1.188 ng/ul#	92
59) Fluorene	15.74	166	17641	1.237 ng/ul	97
70) Phenanthrene	17.48	178	668221	30.382 ng/ul	99
72) Anthracene	17.57	178	39073m	1.759 ng/ul	
76) Di-n-butylphthalate	18.39	149	79315	3.398 ng/ul	99
77) Fluoranthene	19.49	202	957237	35.641 ng/ul	99
80) Pyrene	19.86	202	1434005	59.318 ng/ul	100
83) Benzo(a)anthracene	21.69	228	232141	9.416 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	161324	12.842 ng/ul	98
85) Chrysene	21.75	228	275717	11.591 ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	323734	13.416 ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	108844	4.677 ng/ul	99
91) Benzo(a)pyrene	24.80	252	266265	12.274 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.64	276	219882m	8.274 ng/ul	
93) Dibenzo(a,h)anthracene	28.69	278	33511m	1.521 ng/ul	
94) Benzo(g,h,i)perylene	29.80	276	338757	15.185 ng/ul	98

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

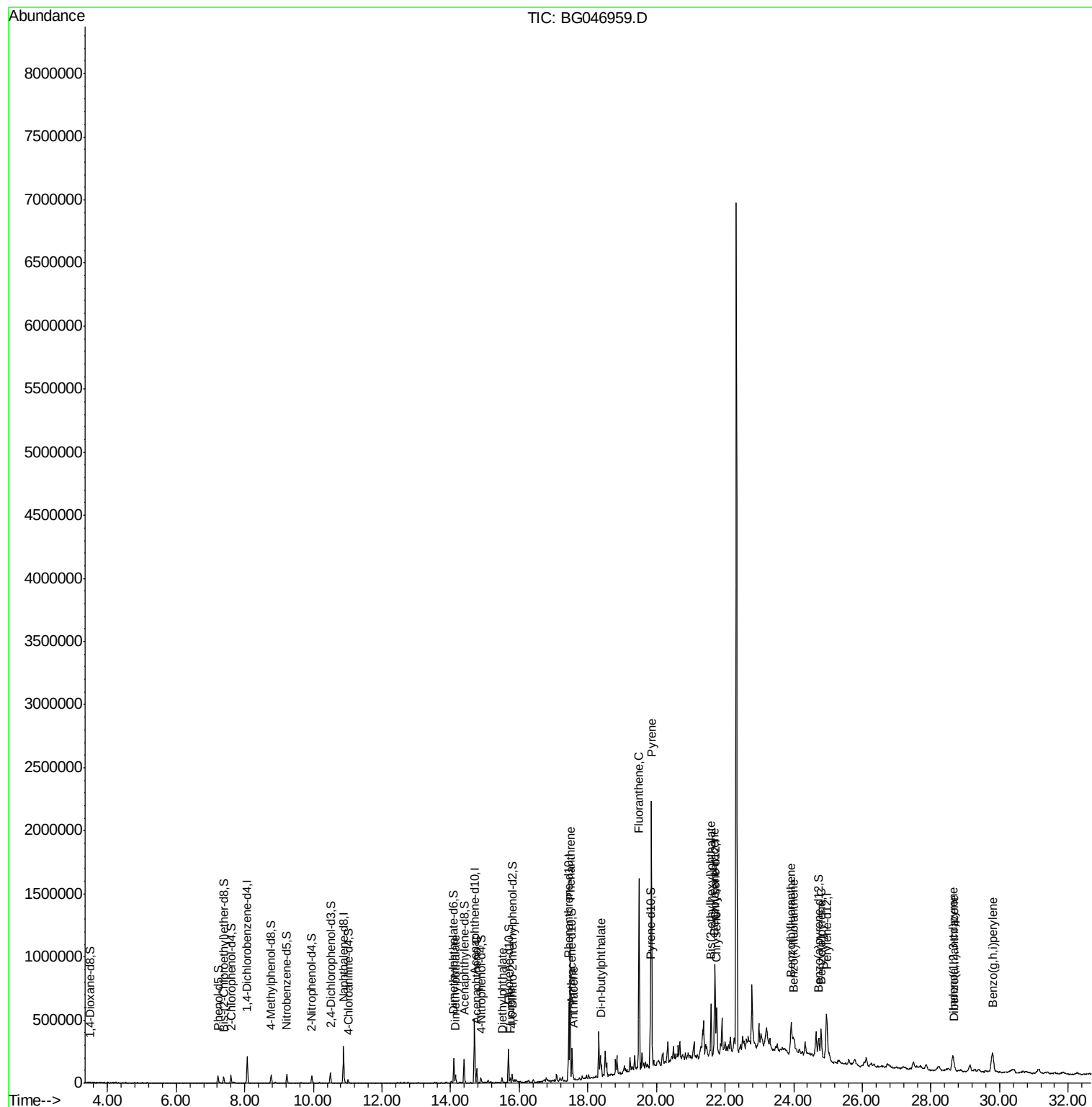
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046959.D
Acq On : 18 Oct 2020 3:45
Operator : CG/JU
Sample : L4201-13DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

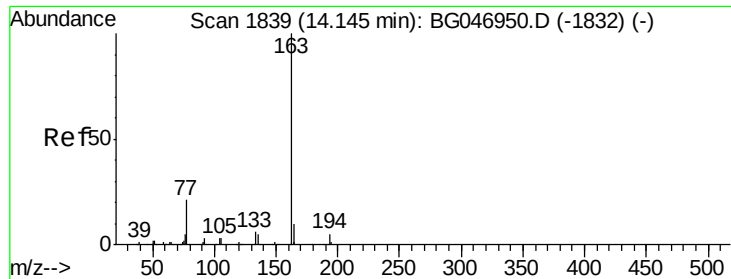
Instrument :
BNA_G
ClientSampleId :
C0AP3DL

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Quant Time: Oct 19 03:18:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
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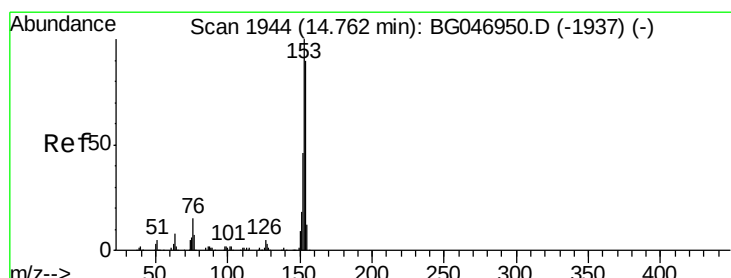
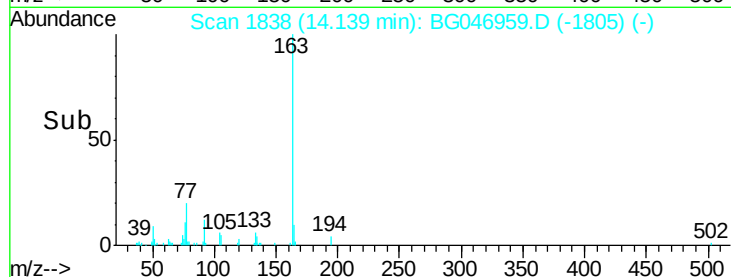
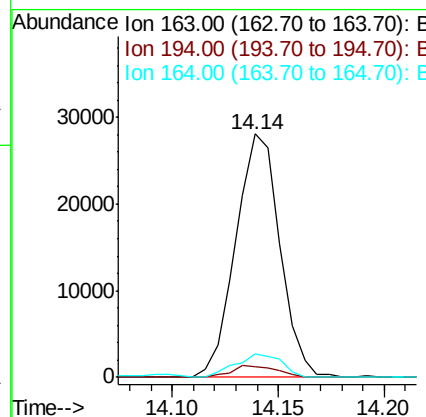
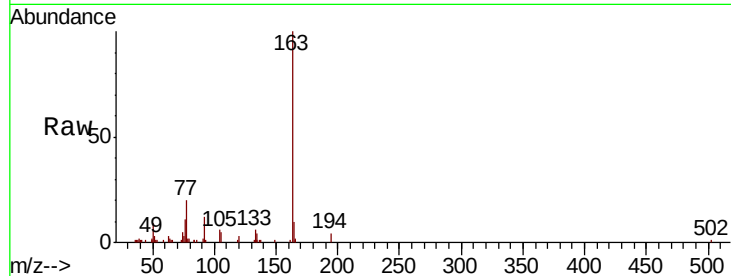
#45
Dimethylphthalate
Concen: 2.710 ng/ul
RT: 14.14 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	9.5	7.8	11.8

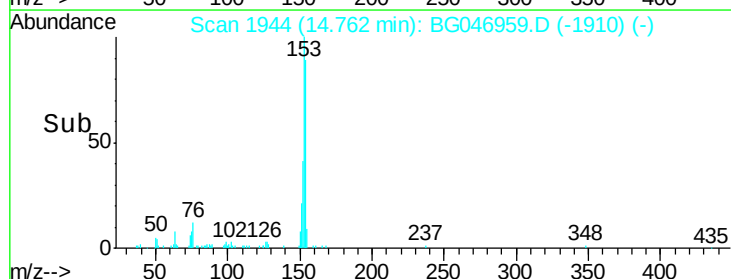
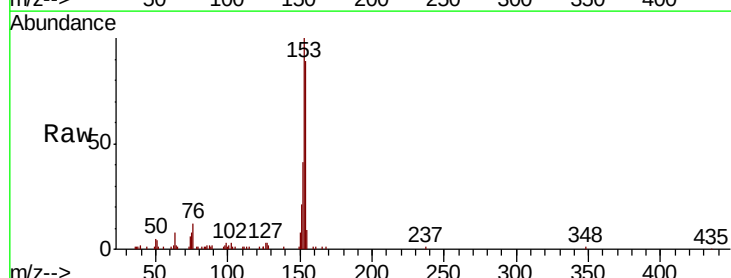
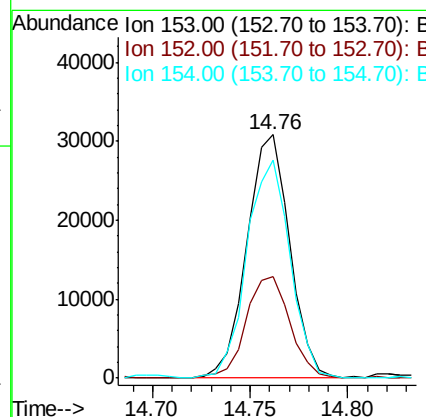
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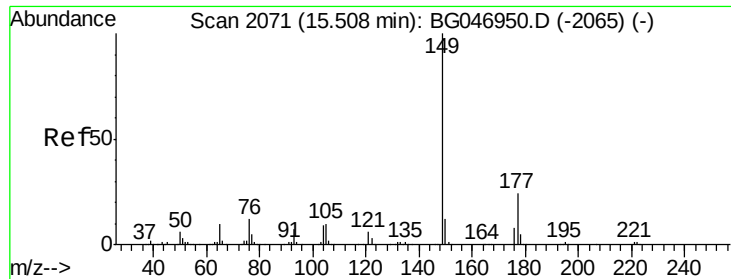
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#50
Acenaphthene
Concen: 4.000 ng/ul
RT: 14.76 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Tgt Ion	Ratio	Lower	Upper
153	100		
152	41.5	39.0	58.6
154	89.5	71.6	107.4





#57

Diethylphthalate

Concen: 1.188 ng/ul

RT: 15.50 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BG046959.D

Acq: 18 Oct 2020 3:45

Instrument :

BNA_G

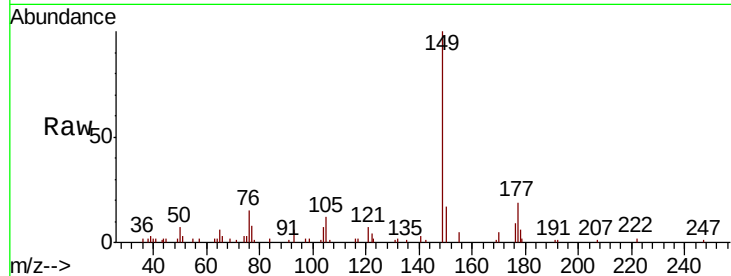
ClientSampleId :

C0AP3DL

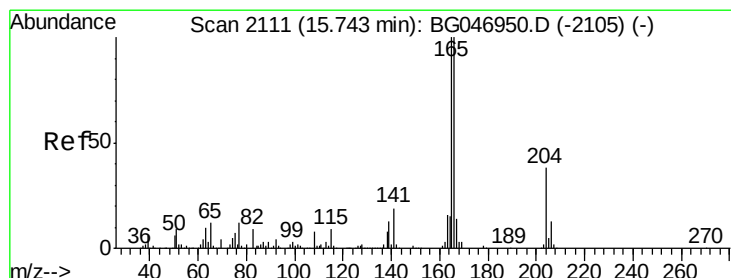
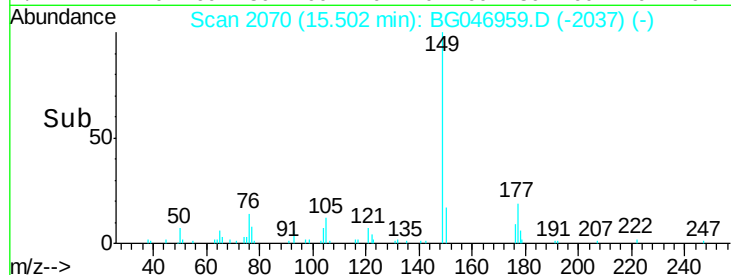
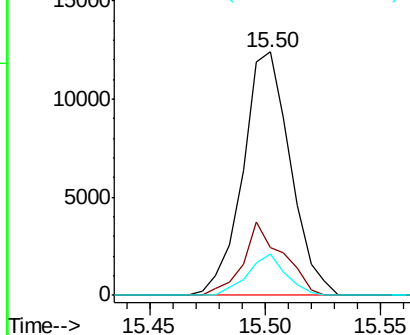
Tot Ion:	149	Resp:	17783
Ion Ratio	Lower	Upper	
149	100		
177	19.4	18.3	27.5
150	16.8	10.5	15.7#

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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



#59

Fluorene

Concen: 1.237 ng/ul

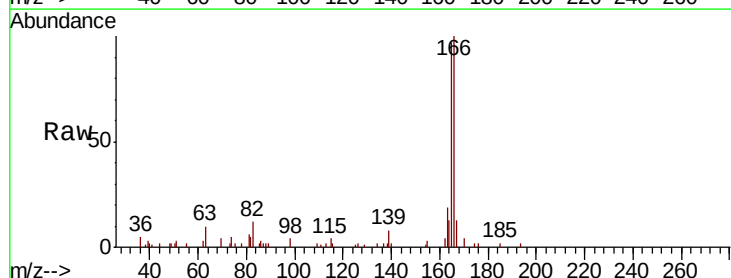
RT: 15.74 min Scan# 2111

Delta R.T. 0.00 min

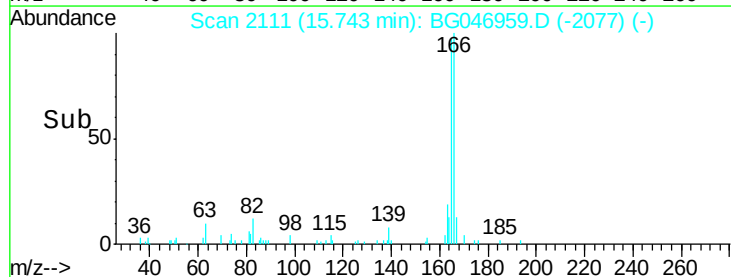
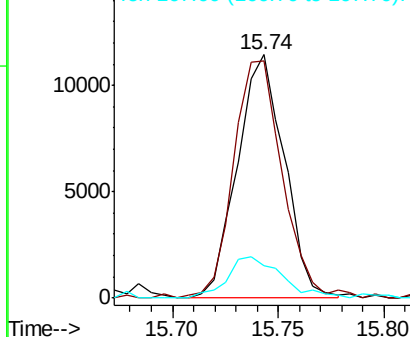
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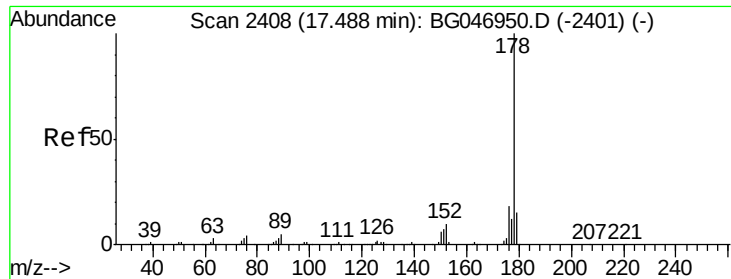
Acq: 18 Oct 2020 3:45

Tgt Ion:	166	Resp:	17641
Ion Ratio	Lower	Upper	
166	100		
165	97.3	80.4	120.6
167	13.4	10.6	16.0



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





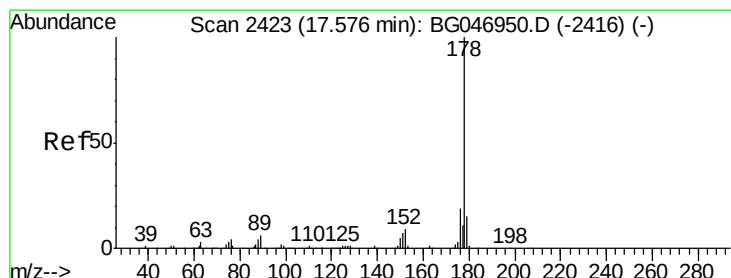
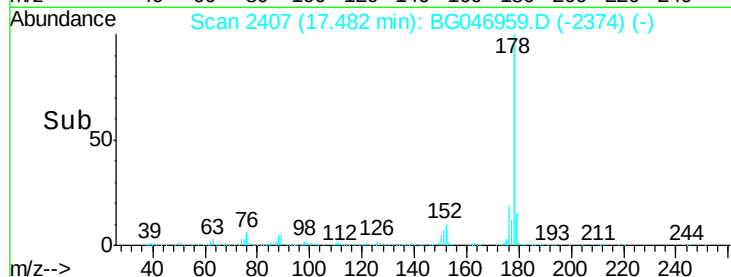
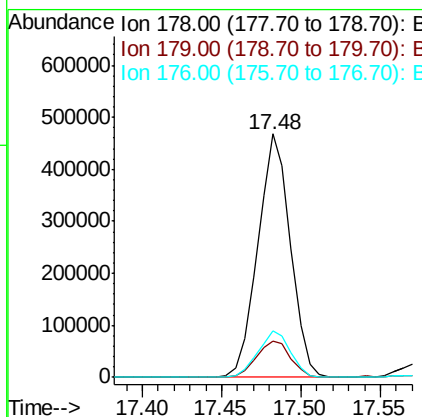
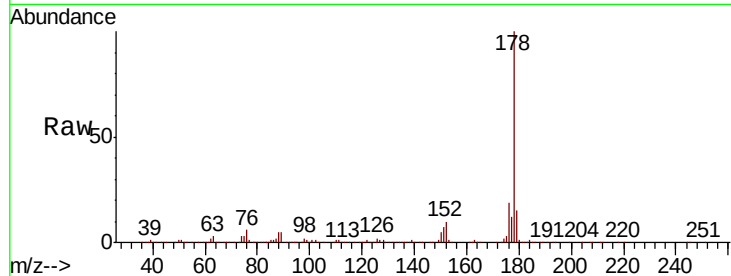
#70
Phenanthrene
Concen: 30.382 ng/ul
RT: 17.48 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.5	18.7
176	19.0	15.0	22.4

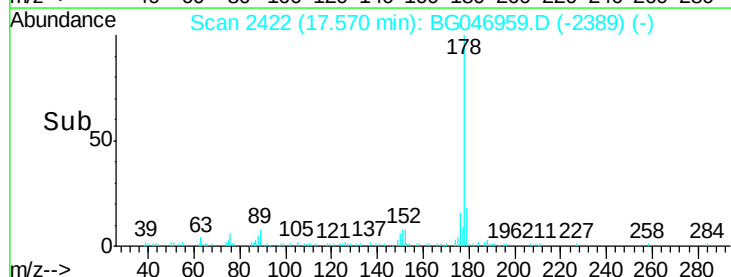
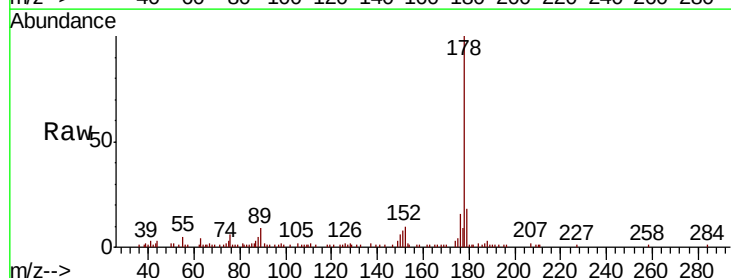
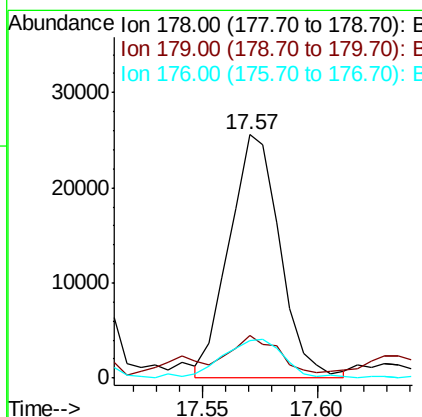
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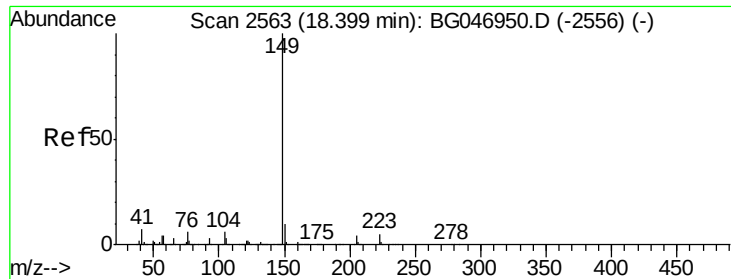
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#72
Anthracene
Concen: 1.759 ng/ul m
RT: 17.57 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.2	18.4
176	15.5	16.2	24.4#





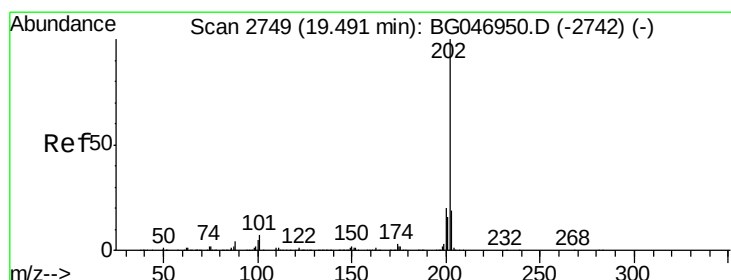
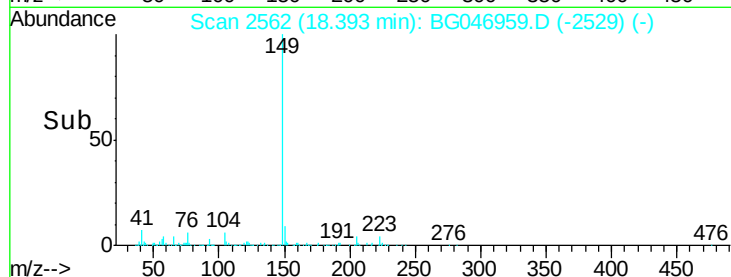
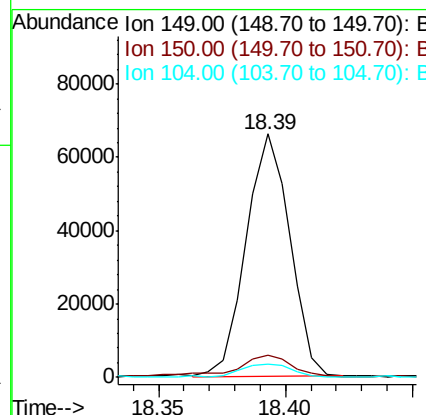
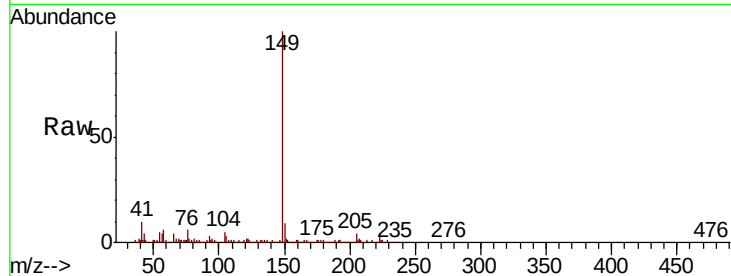
#76
Di-n-butylphthalate
Concen: 3.398 ng/ul
RT: 18.39 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tot Ion:	149	Resp:	79315
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	5.5	4.8	7.2

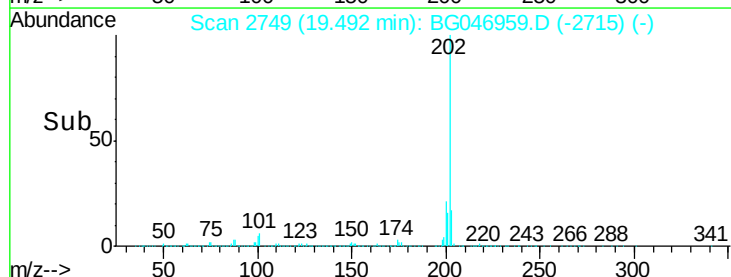
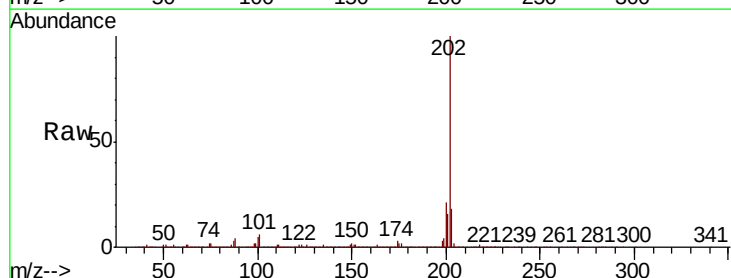
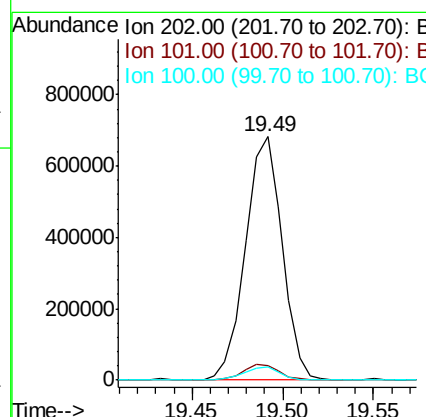
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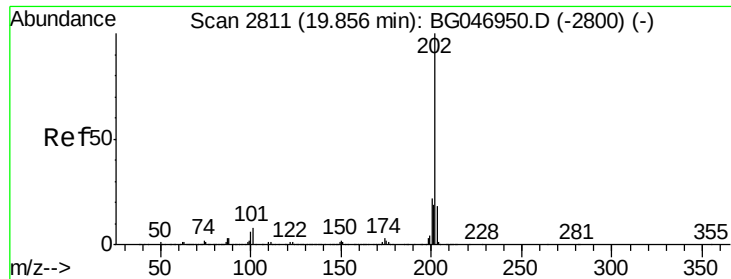
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#77
Fluoranthene
Concen: 35.641 ng/ul
RT: 19.49 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Tgt Ion:	202	Resp:	957237
Ion Ratio	Lower	Upper	
202	100		
101	6.1	4.9	7.3
100	5.3	4.6	6.8





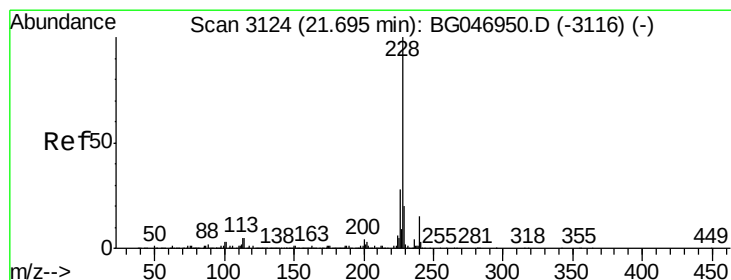
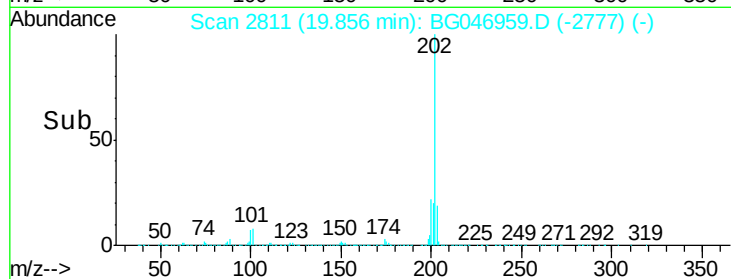
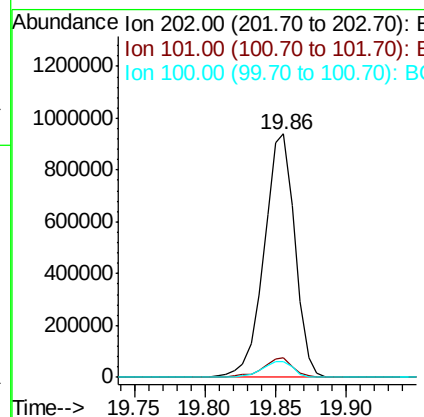
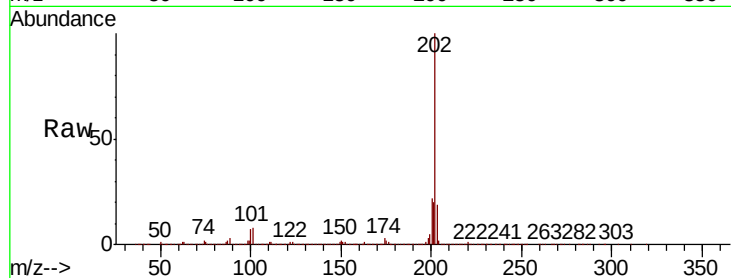
#80
Pvrene
Concen: 59.318 ng/ul
RT: 19.86 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.5	9.7
100	6.5	5.2	7.8

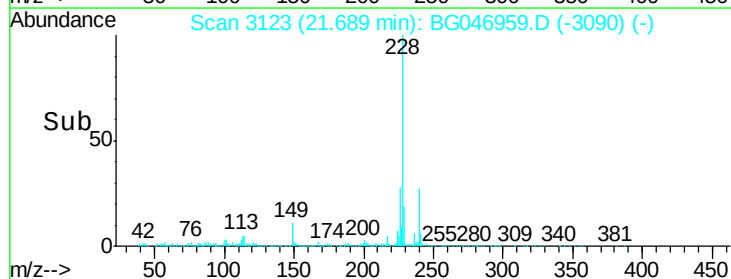
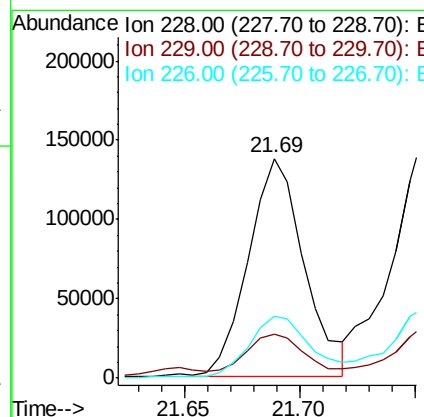
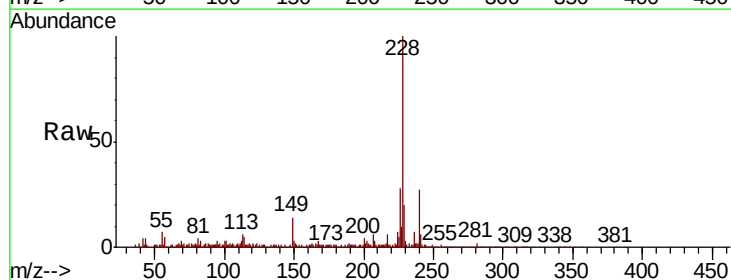
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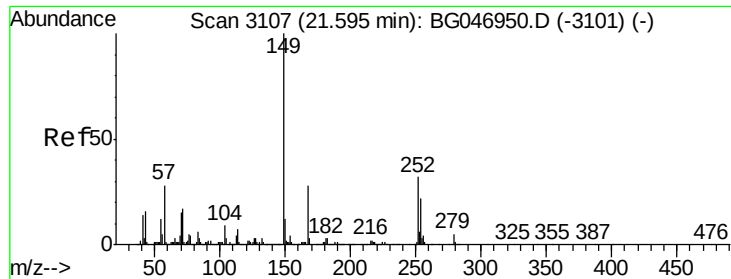
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#83
Benzo(a)anthracene
Concen: 9.416 ng/ul
RT: 21.69 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.2	24.2
226	27.9	21.6	32.4





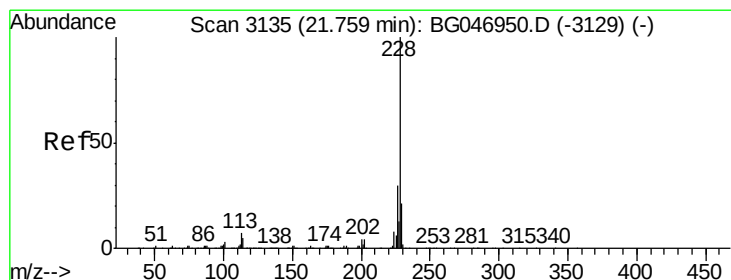
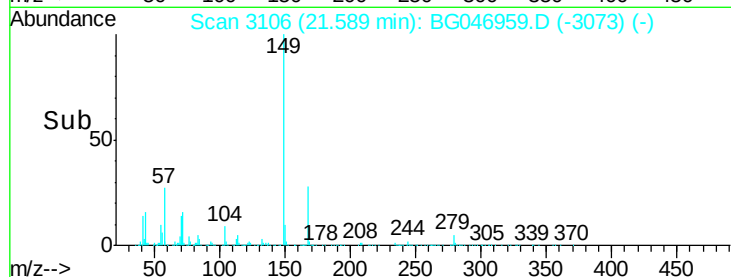
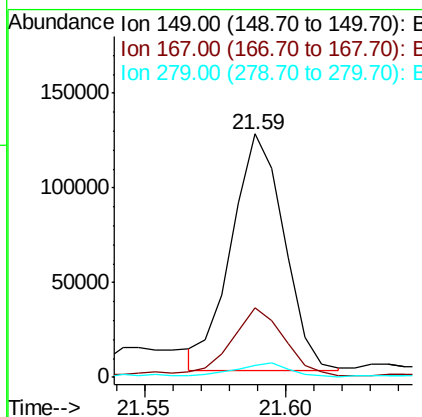
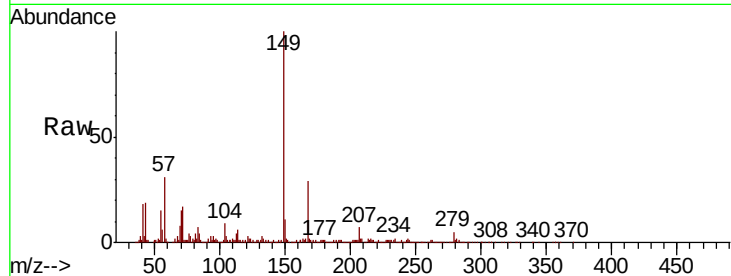
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.842 ng/ul
 RT: 21.59 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BG046959.D
 Acq: 18 Oct 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	4.7	4.6	7.0

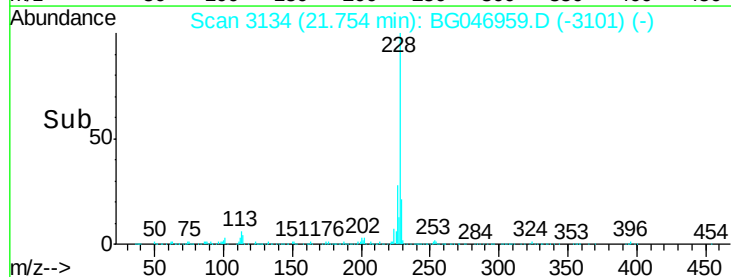
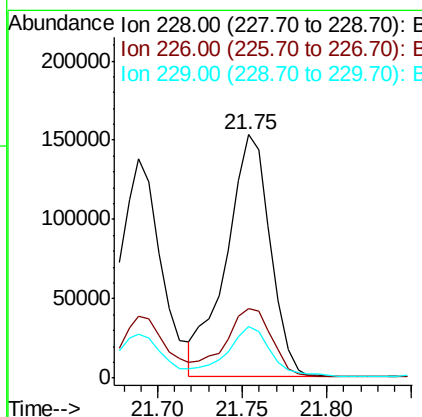
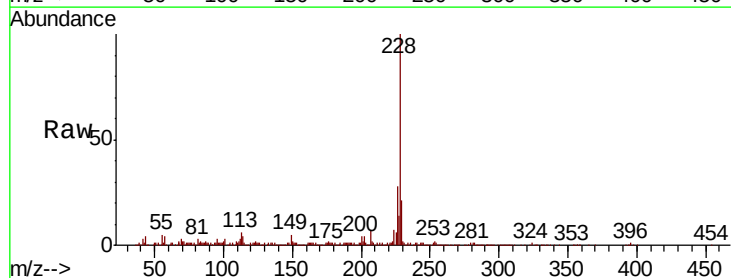
Manual Integrations
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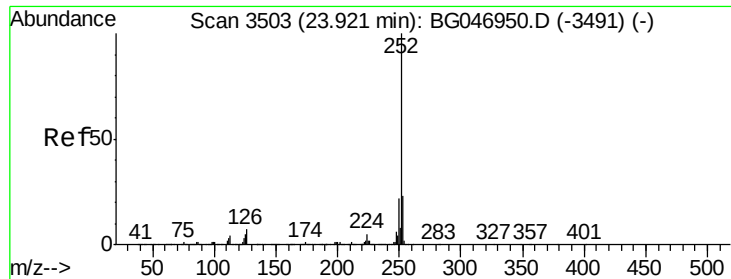
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#85
 Chrysene
 Concen: 11.591 ng/ul
 RT: 21.75 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG046959.D
 Acq: 18 Oct 2020 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.2	34.8
229	21.1	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 13.416 ng/ul

RT: 23.92 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG046959.D

Acq: 18 Oct 2020 3:45

Instrument :

BNA_G

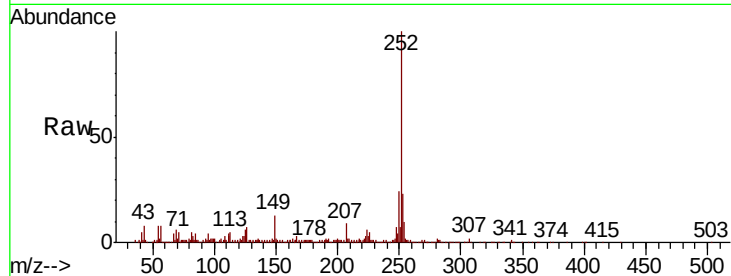
ClientSampleId :

C0AP3DL

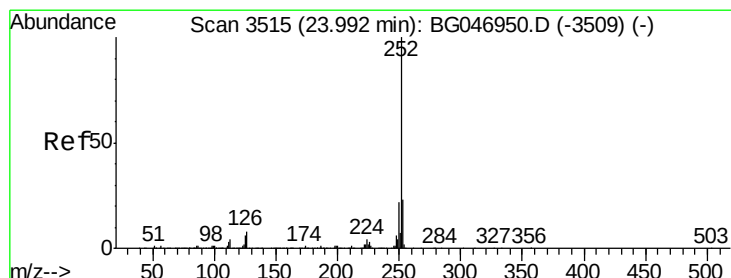
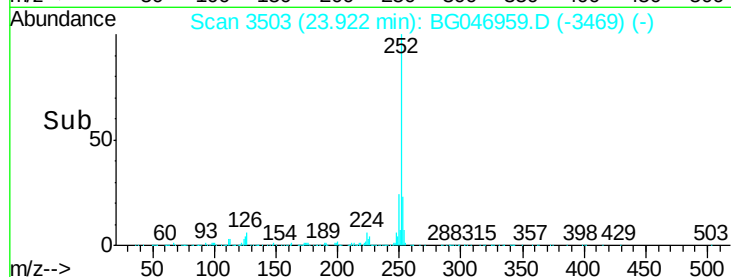
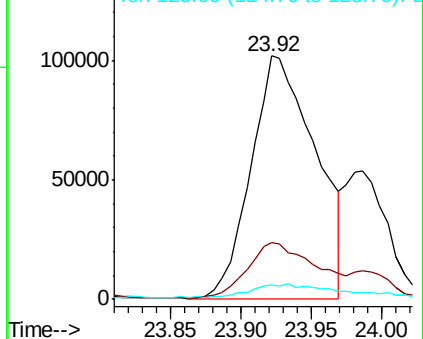
Tot Ion:	252	Resp:	323734
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	5.8	4.6	7.0

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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



#89

Benzo(k)fluoranthene

Concen: 4.677 ng/ul

RT: 23.99 min Scan# 3514

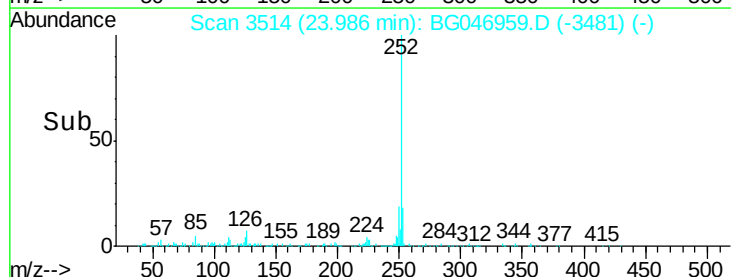
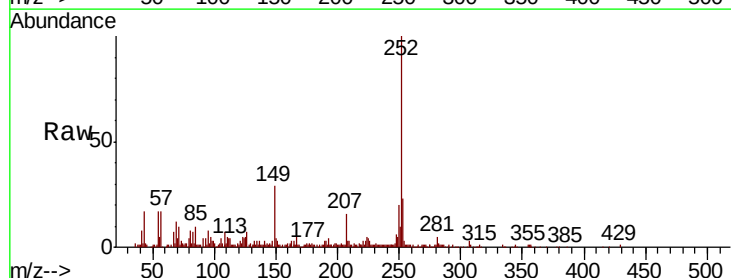
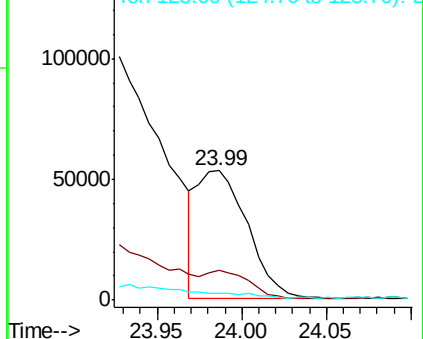
Delta R.T. -0.01 min

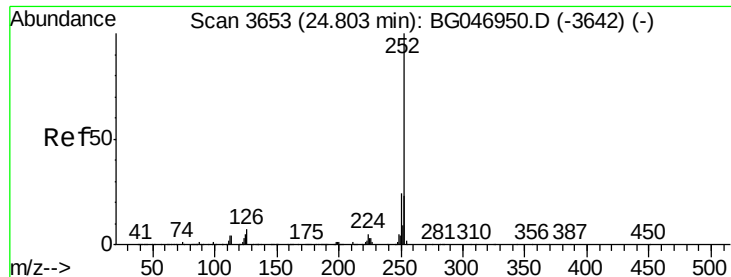
Lab File: BG046959.D

Acq: 18 Oct 2020 3:45

Tgt Ion:	252	Resp:	108844
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	5.5	4.2	6.4

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





#91

Benzo(a)pyrene

Concen: 12.274 ng/ul

RT: 24.80 min Scan# 3653

Delta R.T. 0.00 min

Lab File: BG046959.D

Acq: 18 Oct 2020 3:45

Instrument :

BNA_G

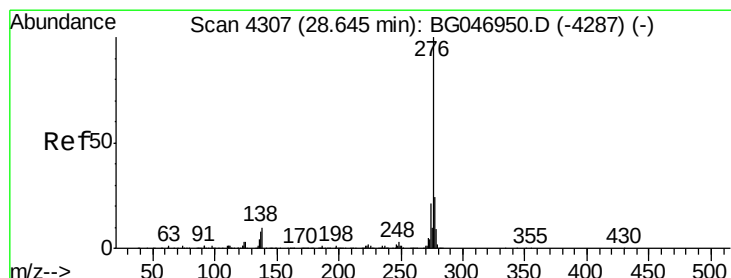
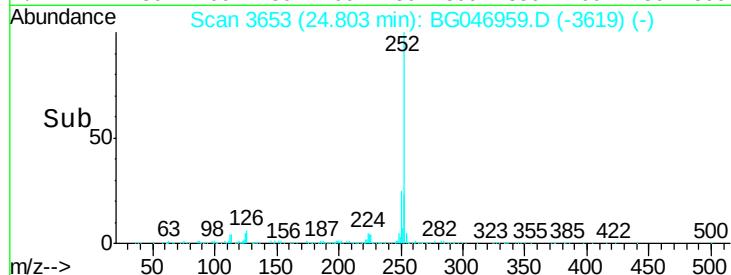
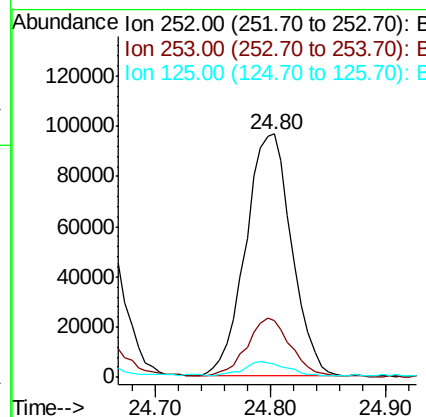
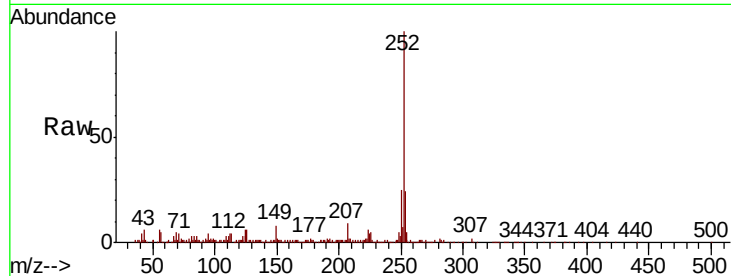
ClientSampleId :

C0AP3DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	266265		
253	23.5	17.2	25.8	
125	5.6	5.4	8.0	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 8.274 ng/ul m

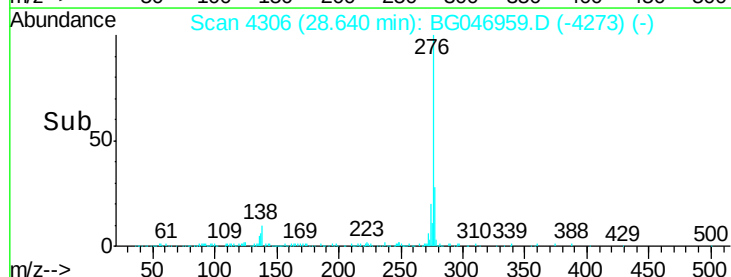
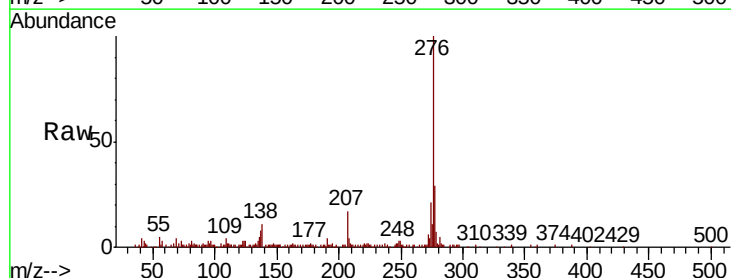
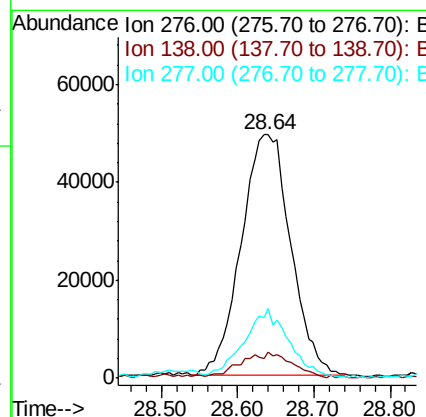
RT: 28.64 min Scan# 4306

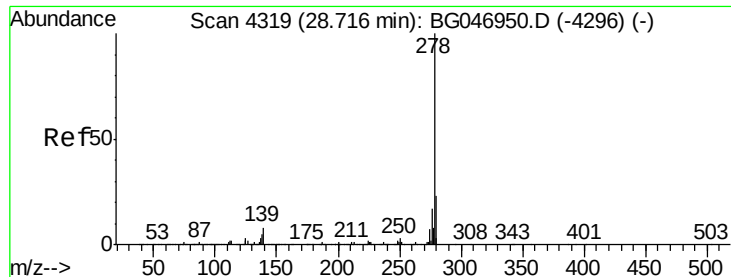
Delta R.T. -0.01 min

Lab File: BG046959.D

Acq: 18 Oct 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	219882		
138	10.7	7.8	11.6	
277	28.7	19.4	29.2	





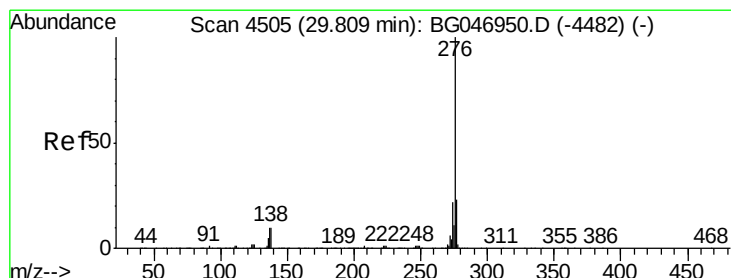
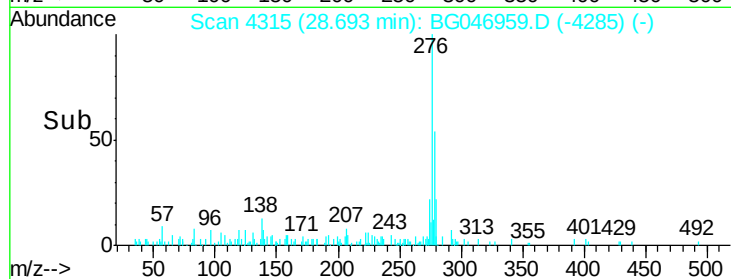
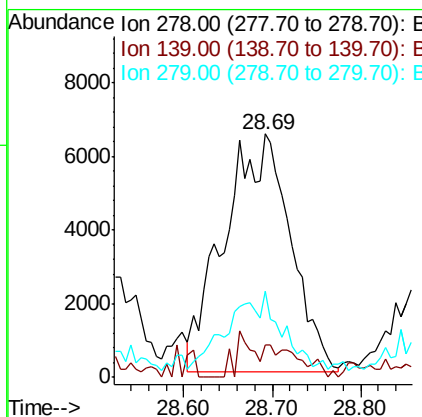
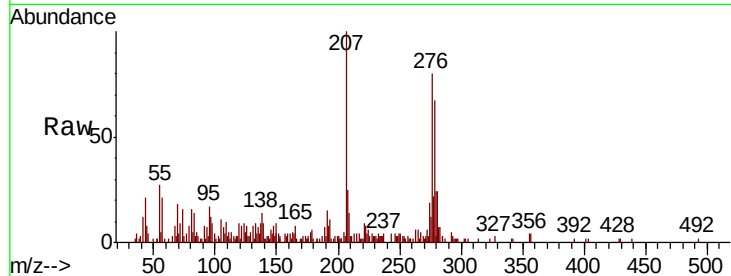
#93
Dibenzo(a,h)anthracene
Concen: 1.521 ng/ul m
RT: 28.69 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	7.0	10.6#
279	35.2	19.0	28.4#

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#94
Benzo(g,h,i)perylene
Concen: 15.185 ng/ul
RT: 29.80 min Scan# 4503
Delta R.T. -0.01 min
Lab File: BG046959.D
Acq: 18 Oct 2020 3:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.6	8.5	12.7
277	23.9	18.5	27.7

