

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047667.D
 Acq On : 9 Dec 2020 4:18
 Operator : CG/JU
 Sample : L4942-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BJ0

Manual Integrations
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Quant Time: Dec 09 05:39:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 05:22:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	23296	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	91389	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	69791	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	176355m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	171212	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	179333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	4055	9.27	ng/uL	0.00
5) Phenol-d5	7.35	99	94179	47.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	49362	48.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	70726	46.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	65356	41.30	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	35891	48.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	43037	47.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	86652	44.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	79379	44.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	277510	45.78	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	333853	48.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	41939	46.65	ng/ul	0.00
58) Fluorene-d10	15.82	176	254229	45.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	56916	47.68	ng/ul	0.00
71) Anthracene-d10	17.67	188	422675	48.05	ng/ul	0.00
79) Pyrene-d10	19.94	212	493776	48.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	493913	47.15	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.38	94	5254	2.789	ng/ul#	82
14) Acetophenone	9.04	105	5532	2.216	ng/ul#	80
45) Dimethylphthalate	14.27	163	26116	4.253	ng/ul#	96
50) Acenaphthene	14.89	153	8198	1.806	ng/ul#	83
54) Dibenzofuran	15.23	168	10329	1.559	ng/ul	96
59) Fluorene	15.88	166	10365	1.830	ng/ul	94
70) Phenanthrene	17.61	178	206961	21.652	ng/ul	99
72) Anthracene	17.70	178	23472m	2.464	ng/ul	
75) Carbazole	17.97	167	13747m	1.809	ng/ul	
77) Fluoranthene	19.61	202	340277m	27.978	ng/ul	
80) Pyrene	19.97	202	261816	21.026	ng/ul#	98
83) Benzo(a)anthracene	21.83	228	149558	12.227	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.71	149	9963	1.713	ng/ul	99
85) Chrysene	21.90	228	158374	13.718	ng/ul	98
88) Benzo(b)fluoranthene	24.14	252	195457m	15.613	ng/ul	
89) Benzo(k)fluoranthene	24.21	252	64080m	5.165	ng/ul	
91) Benzo(a)pyrene	25.05	252	121705	10.781	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.05	276	84208m	6.117	ng/ul	
93) Dibenzo(a,h)anthracene	29.13	278	24955m	2.163	ng/ul	
94) Benzo(g,h,i)perylene	30.26	276	66611m	5.893	ng/ul	

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

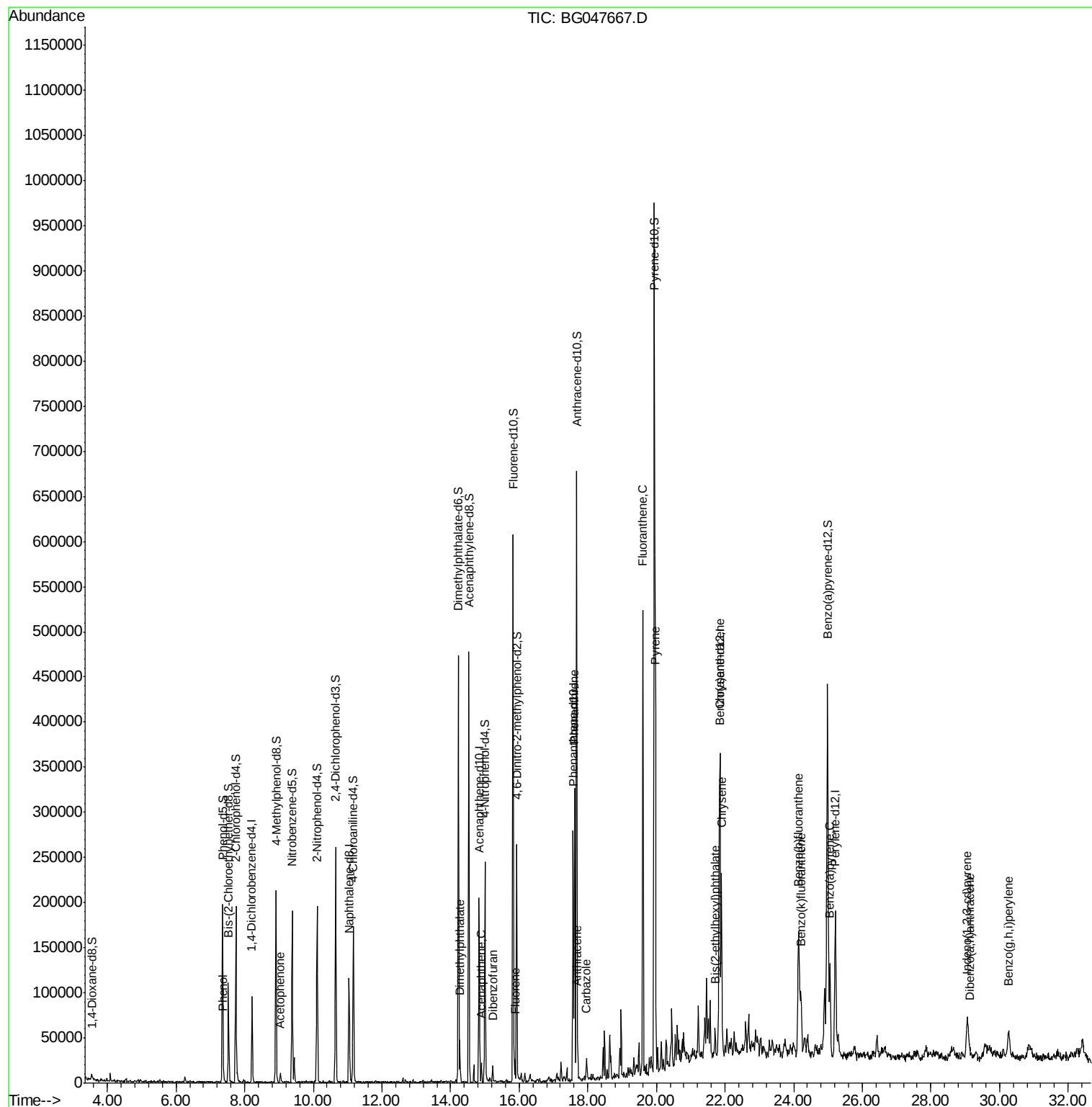
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047667.D
Acq On : 9 Dec 2020 4:18
Operator : CG/JU
Sample : L4942-06
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ALS Vial : 20 Sample Multiplier: 1

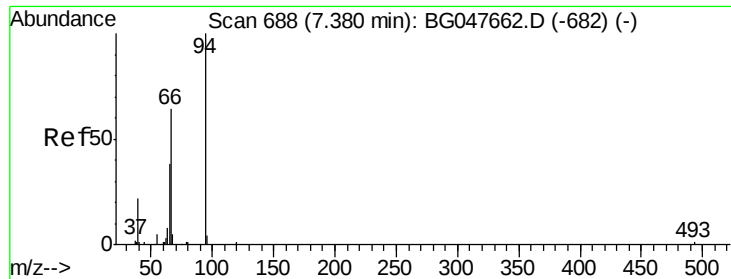
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 09 05:39:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 05:22:22 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.789 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

Instrument :

BNA_G

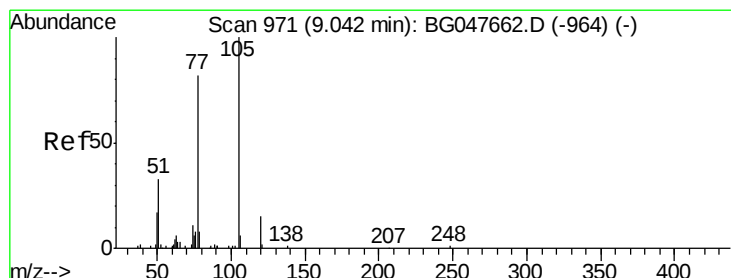
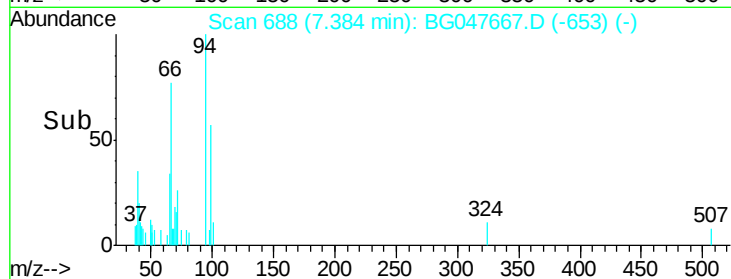
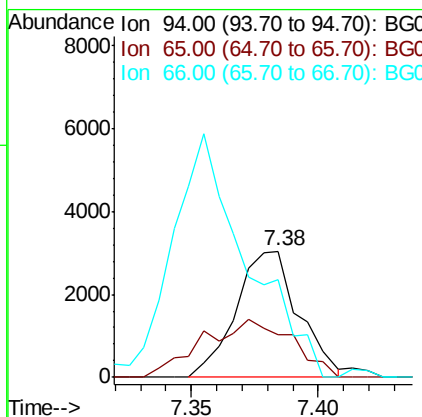
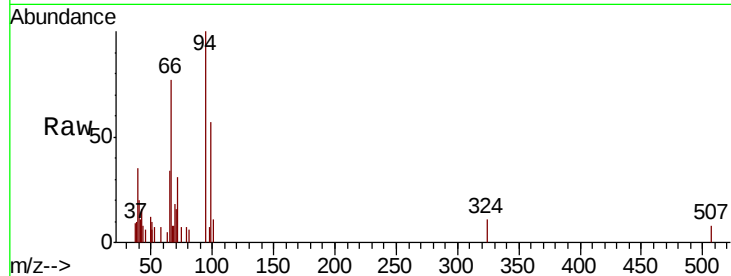
ClientSampleId :

C0BJ0

Tot Ion:	94	Resp:	5254
Ion	Ratio	Lower	Upper
94	100		
65	33.7	35.9	53.9#
66	77.1	50.1	75.1#

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#14

Acetophenone

Concen: 2.216 ng/ul

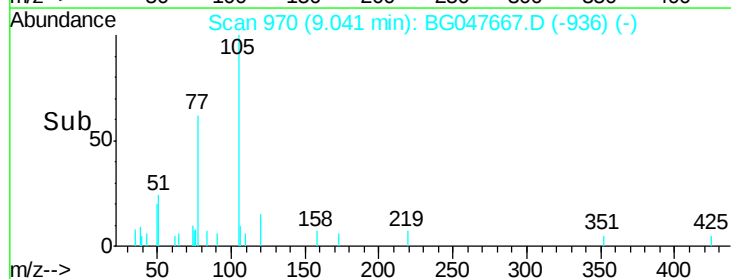
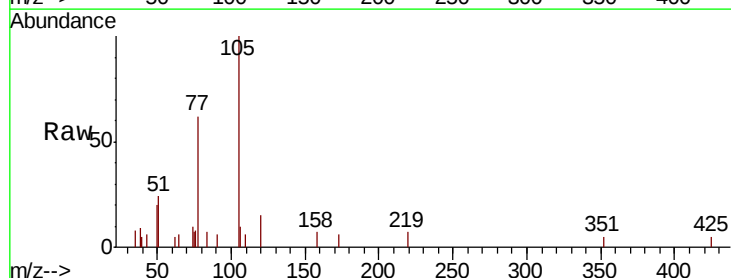
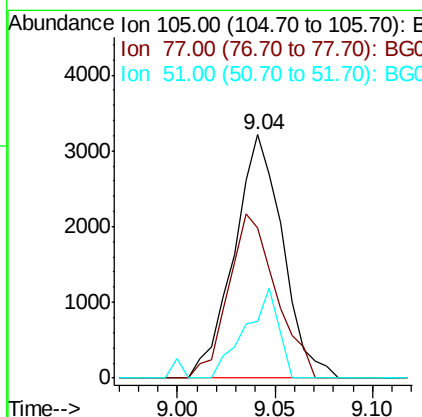
RT: 9.04 min Scan# 970

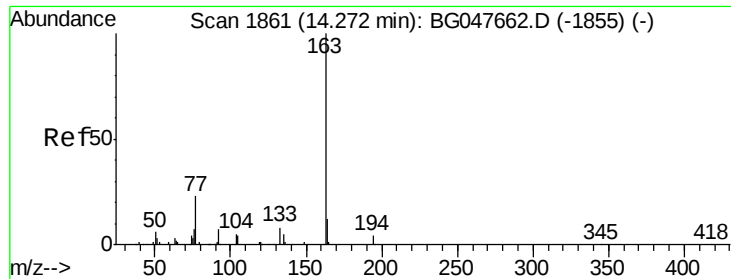
Delta R.T. -0.00 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

Tgt Ion:	105	Resp:	5532
Ion	Ratio	Lower	Upper
105	100		
77	61.5	63.8	95.6#
51	23.6	27.2	40.8#





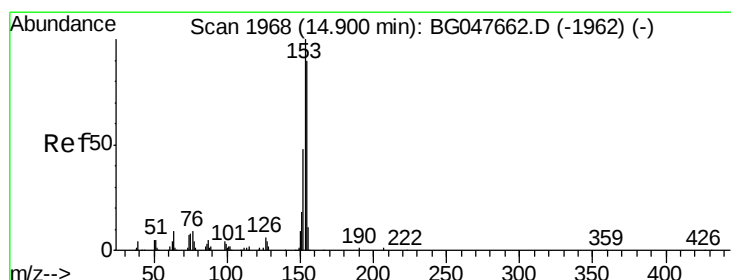
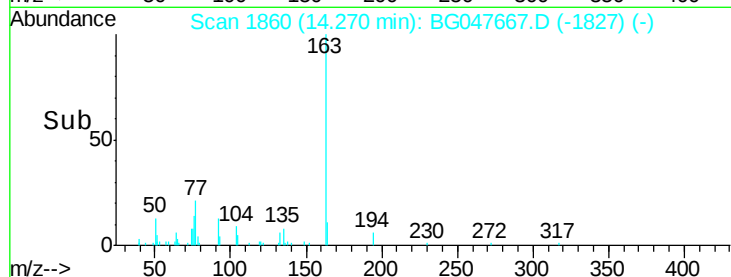
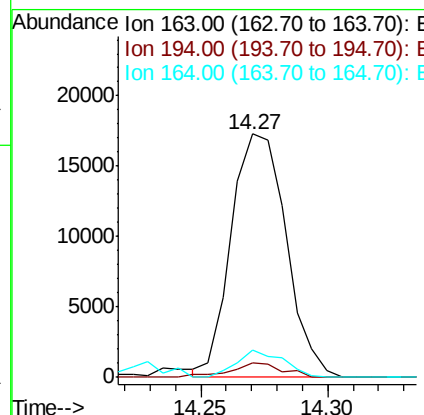
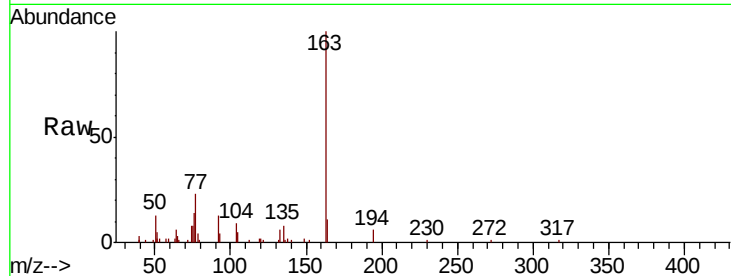
#45
Dimethylphthalate
Concen: 4.253 ng/ul
RT: 14.27 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Instrument :
BNA_G
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	26116		
194	6.1	3.9	5.9#	
164	11.0	7.4	11.2	

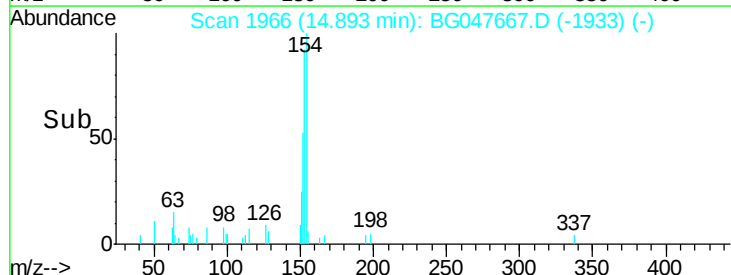
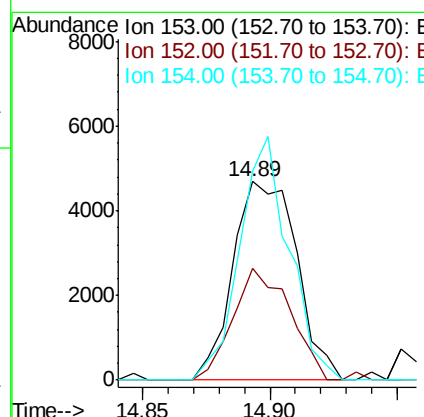
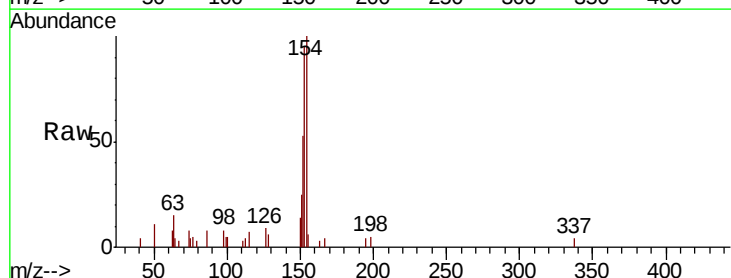
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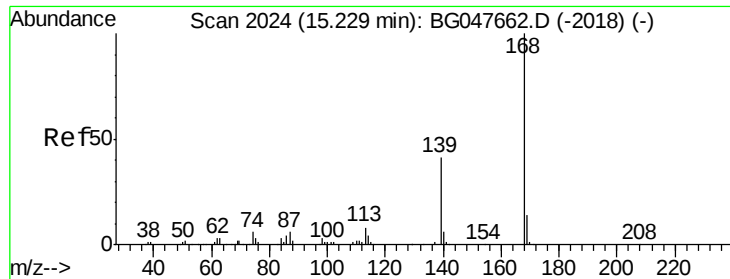
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#50
Acenaphthene
Concen: 1.806 ng/ul
RT: 14.89 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	8198		
152	56.2	39.1	58.7	
154	105.4	69.0	103.6#	





#54

Dibenzenofuran

Concen: 1.559 ng/ul

RT: 15.23 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

Instrument :

BNA_G

ClientSampleId :

C0BJ0

Tot Ion:168 Resp: 10329

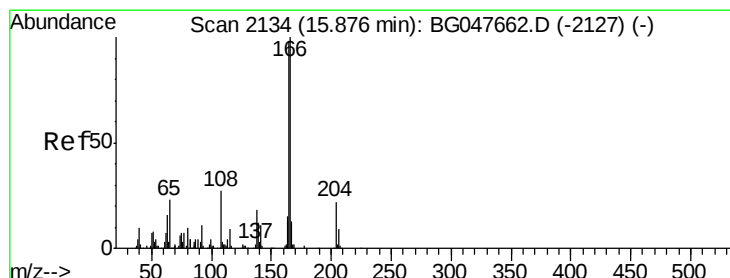
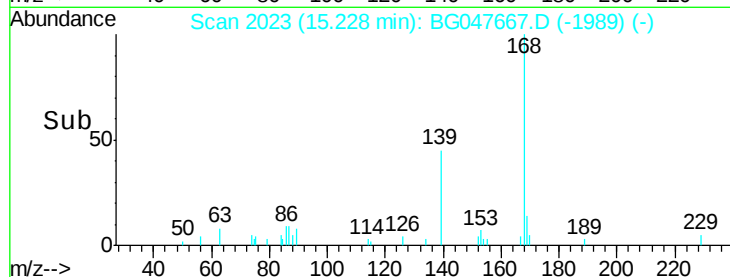
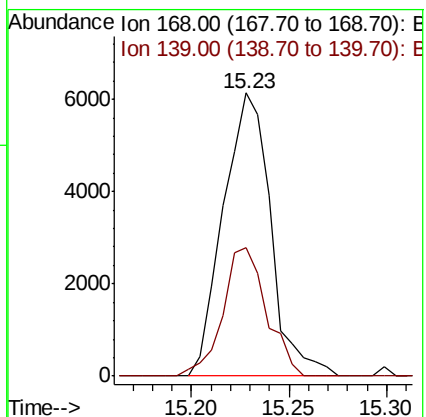
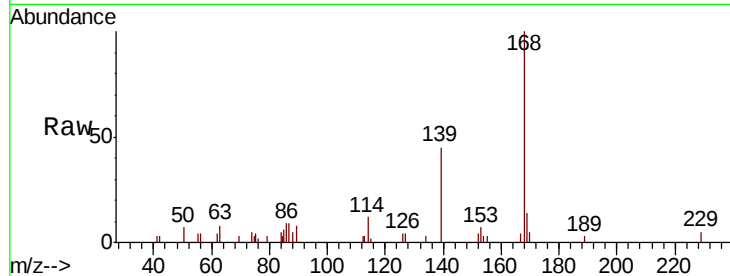
Ion Ratio Lower Upper

168 100

139 45.4 38.6 57.8

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#59

Fluorene

Concen: 1.830 ng/ul

RT: 15.88 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

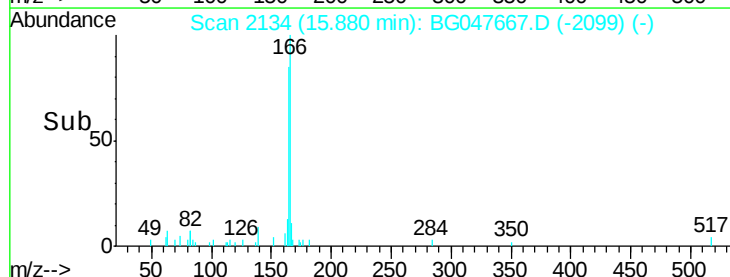
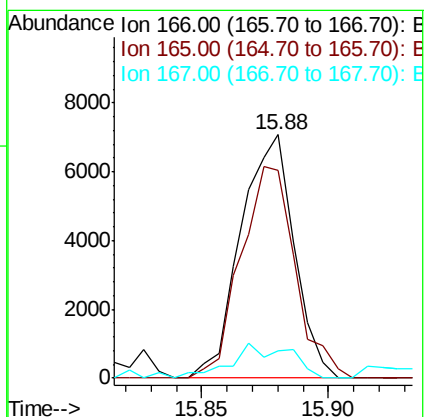
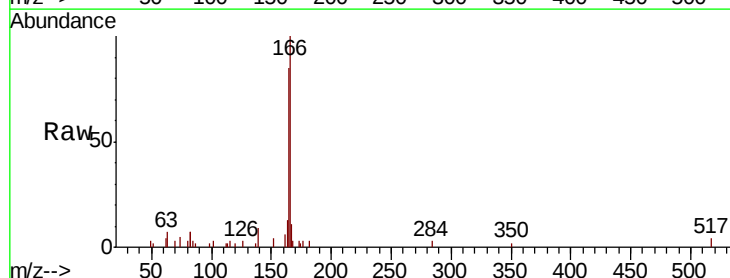
Tgt Ion:166 Resp: 10365

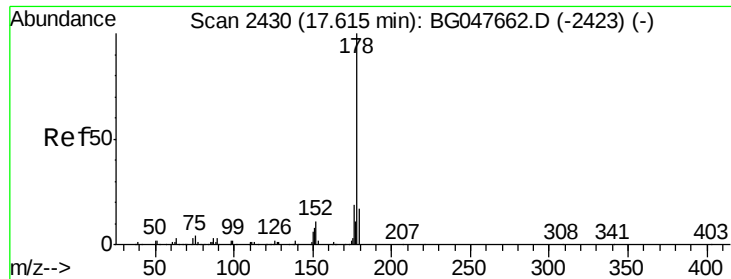
Ion Ratio Lower Upper

166 100

165 85.5 72.9 109.3

167 11.2 10.9 16.3





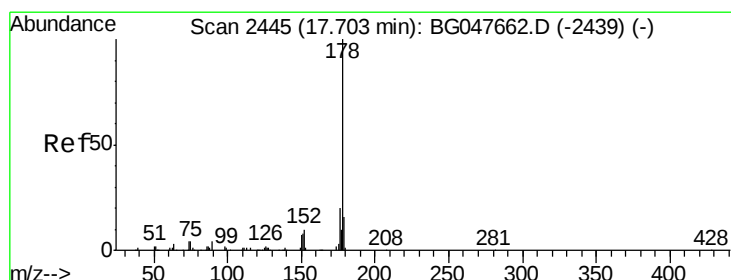
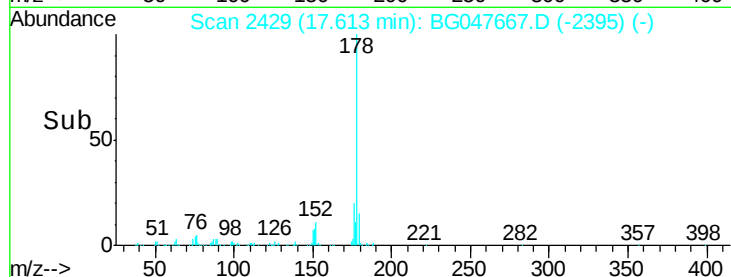
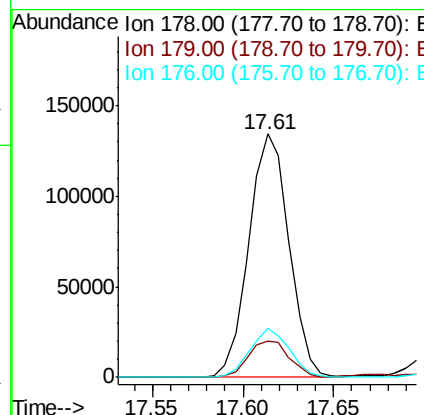
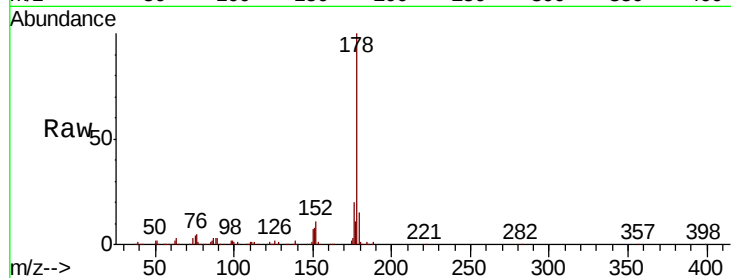
#70
Phenanthrene
Concen: 21.652 ng/ul
RT: 17.61 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Instrument :
BNA_G
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.6	17.4
176	20.4	15.8	23.8

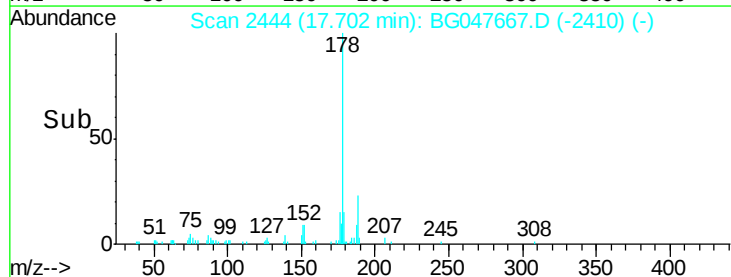
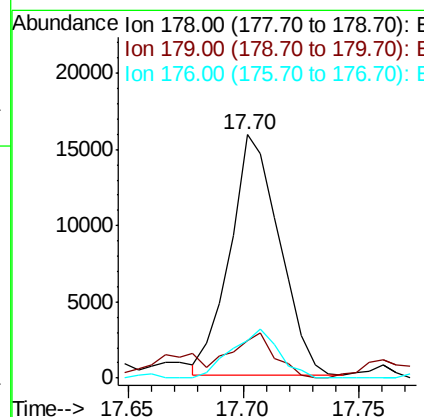
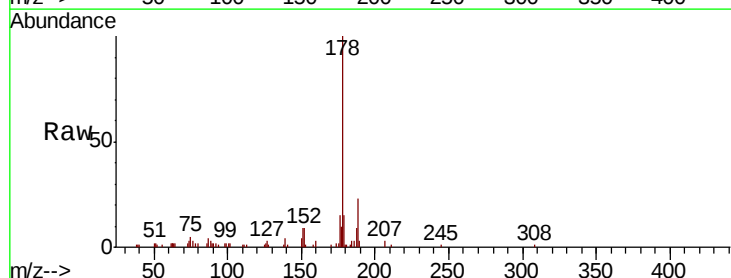
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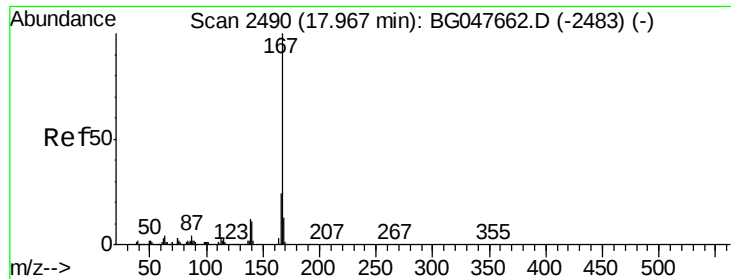
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#72
Anthracene
Concen: 2.464 ng/ul m
RT: 17.70 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	15.2	16.7	25.1#





#75

Carbazole

Concen: 1.809 ng/ul m

RT: 17.97 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

Instrument :

BNA_G

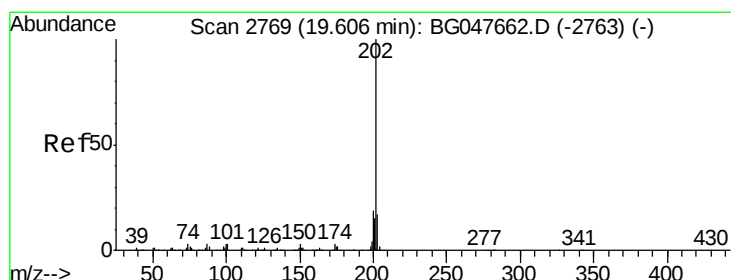
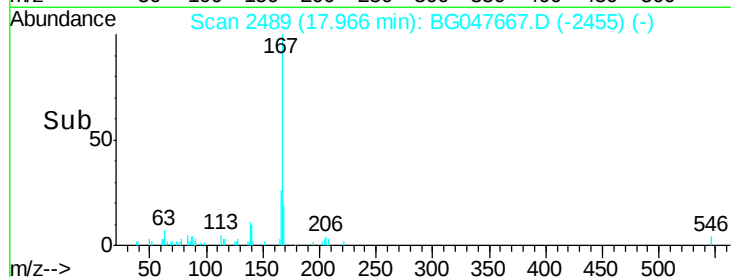
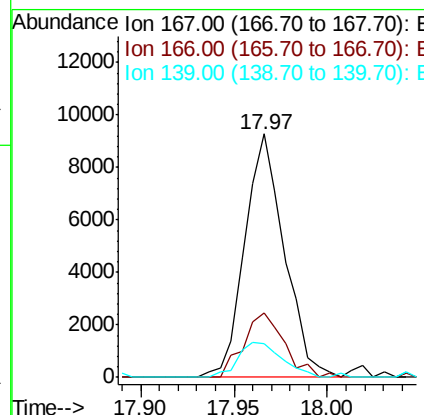
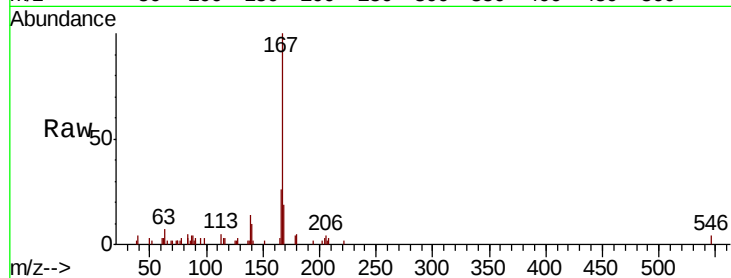
ClientSampleId :

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Tot Ion:	167	Resp:	13747
Ion Ratio	Lower	Upper	
167	100		
166	26.2	16.2	24.2#
139	13.7	10.2	15.4

Manual Integrations
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#77

Fluoranthene

Concen: 27.978 ng/ul m

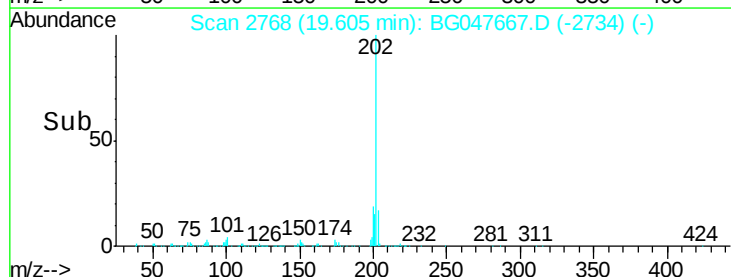
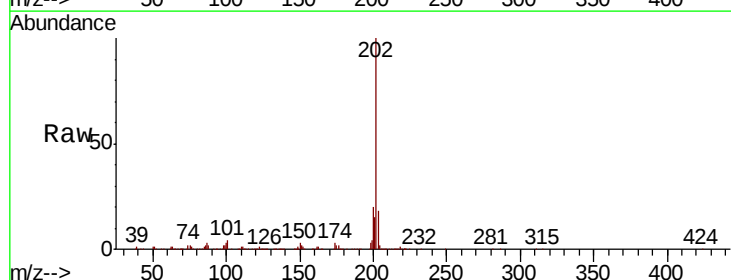
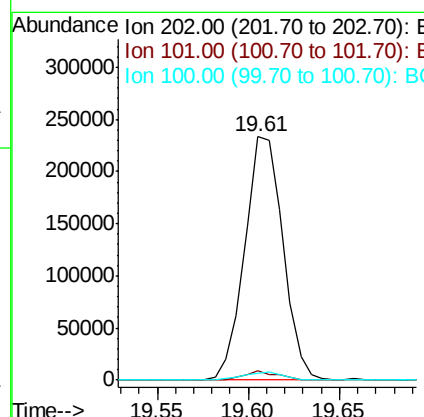
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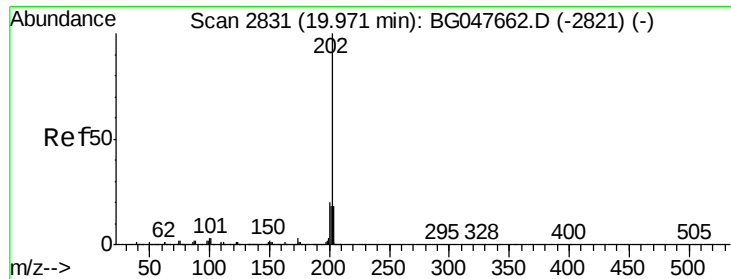
Delta R.T. -0.00 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

Tgt Ion:	202	Resp:	340277
Ion Ratio	Lower	Upper	
202	100		
101	3.8	2.4	3.6#
100	2.9	2.6	3.8





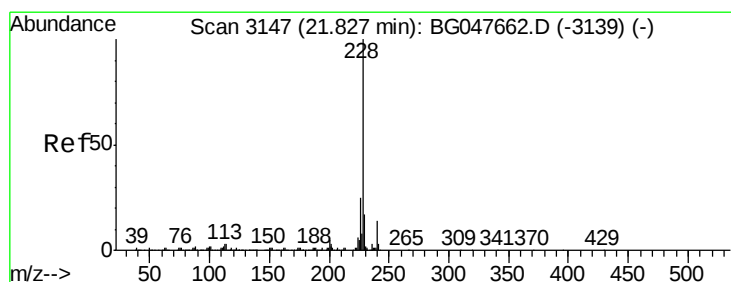
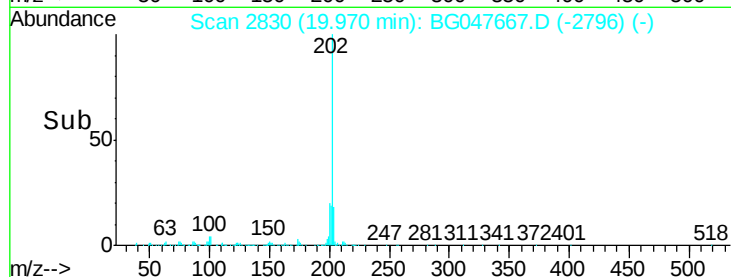
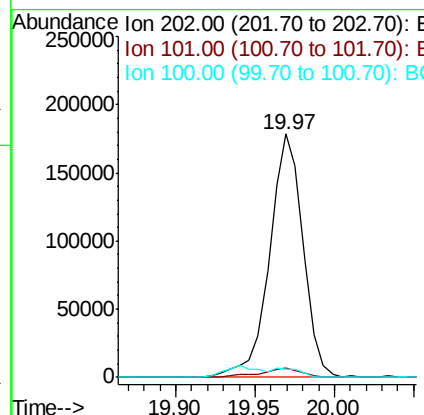
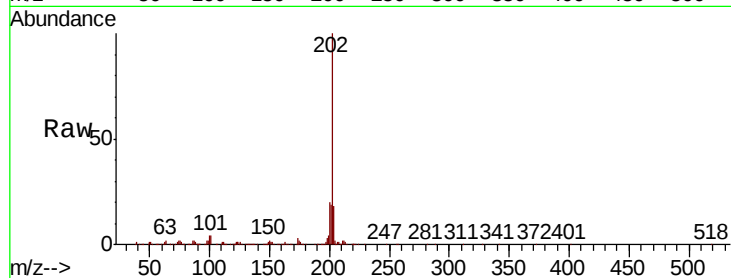
#80
Pvrene
Concen: 21.026 ng/ul
RT: 19.97 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Instrument :
BNA_G
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.0	2.5	3.7#
100	3.5	2.4	3.6

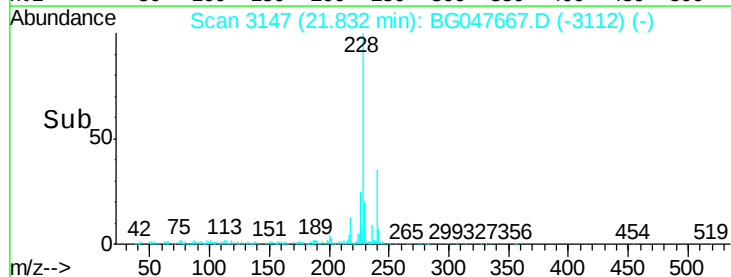
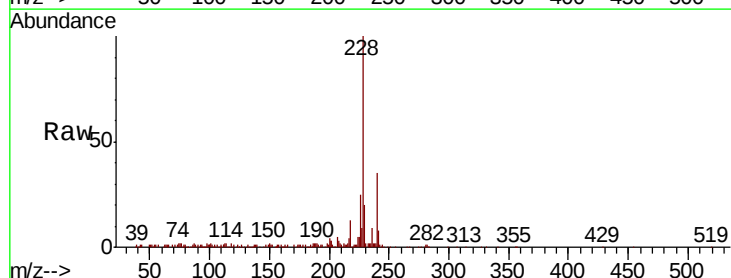
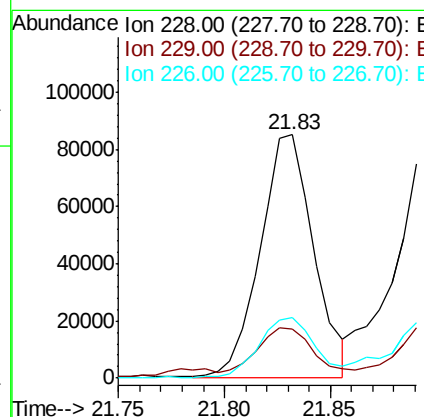
Manual Integrations
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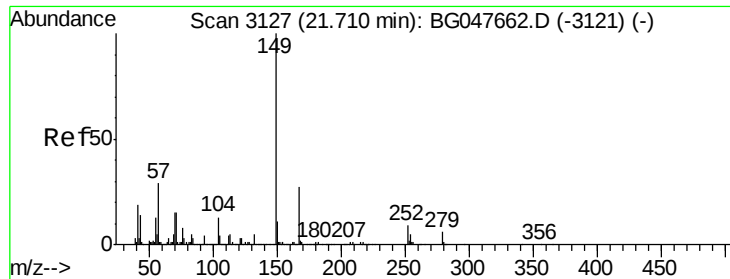
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#83
Benzo(a)anthracene
Concen: 12.227 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	16.0	24.0
226	24.9	22.4	33.6





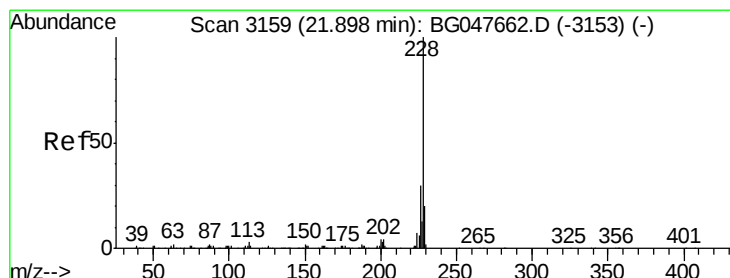
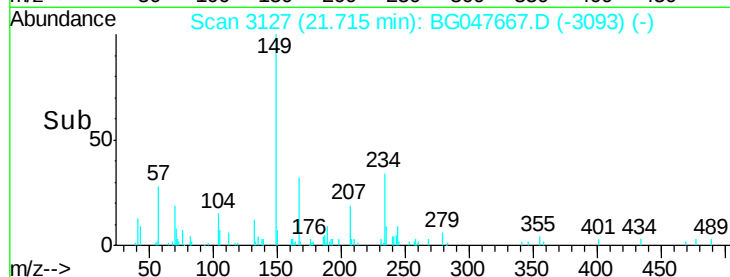
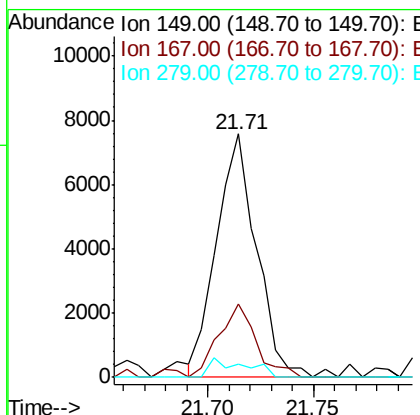
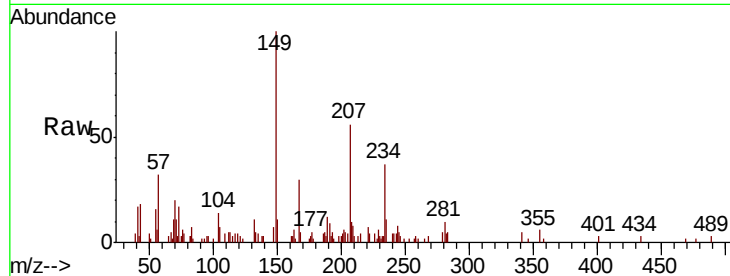
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.713 ng/ul
 RT: 21.71 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG047667.D
 Acq: 9 Dec 2020 4:18

Instrument :
 BNA_G
 ClientSampleId :
 C0BJ0

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.8	35.6
279	5.5	5.3	7.9

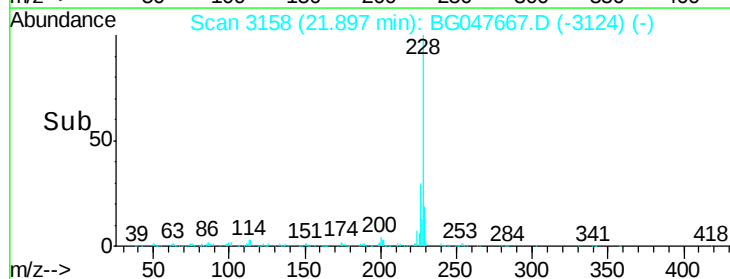
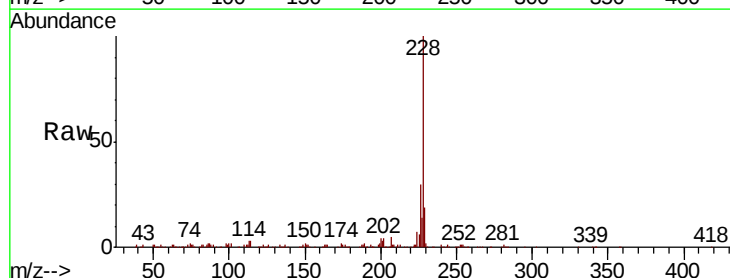
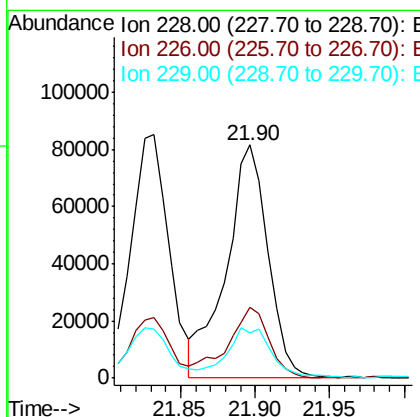
Manual Integrations
 APPROVED

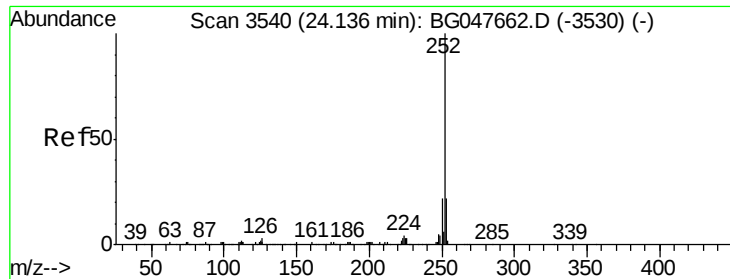
mohammad
 12/9/2020 12:28:25 PM



#85
 Chrysene
 Concen: 13.718 ng/ul
 RT: 21.90 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG047667.D
 Acq: 9 Dec 2020 4:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.4
229	19.5	15.8	23.8





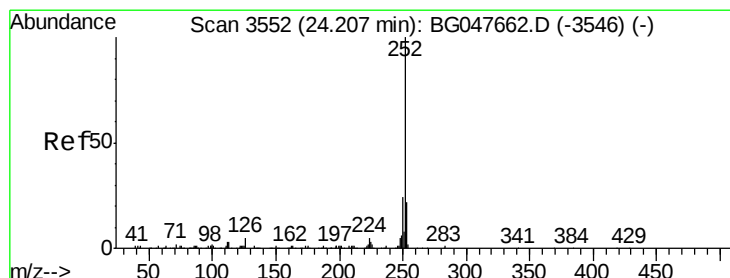
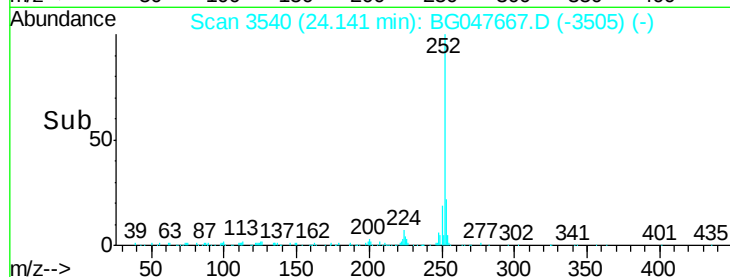
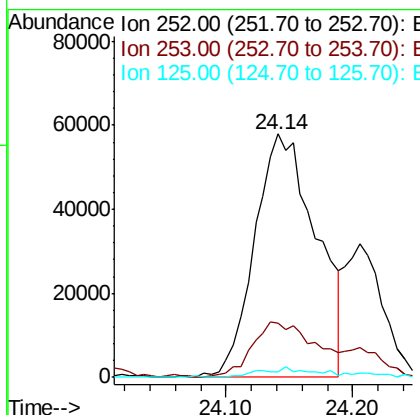
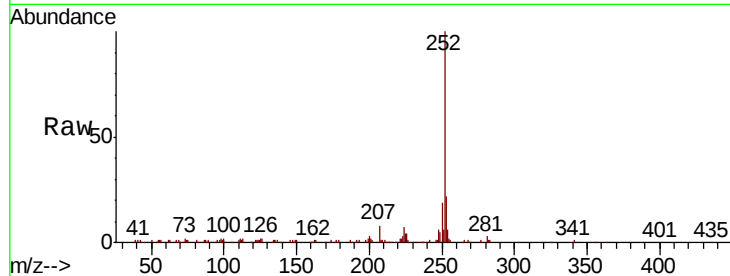
#88
Benzo(b)fluoranthene
Concen: 15.613 ng/ul m
RT: 24.14 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Instrument :
BNA_G
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.7	28.1
125	2.4	2.6	3.8#

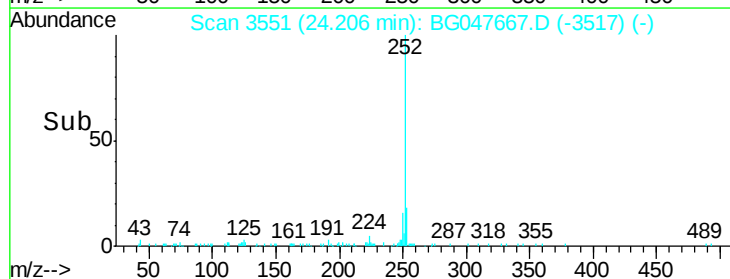
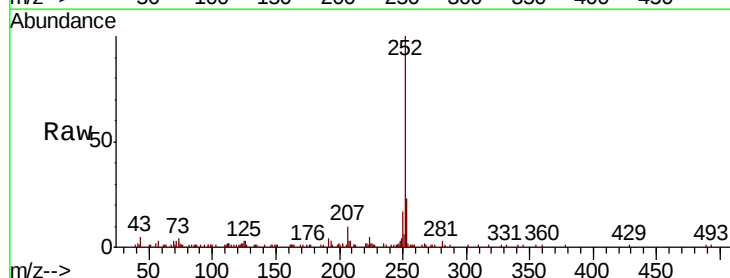
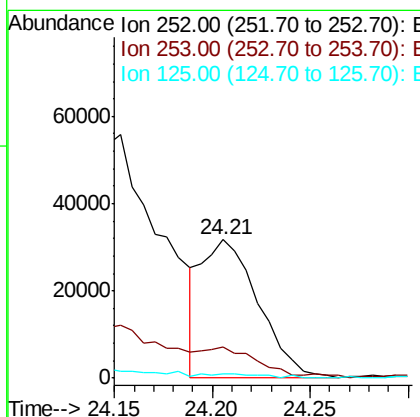
Manual Integrations
APPROVED

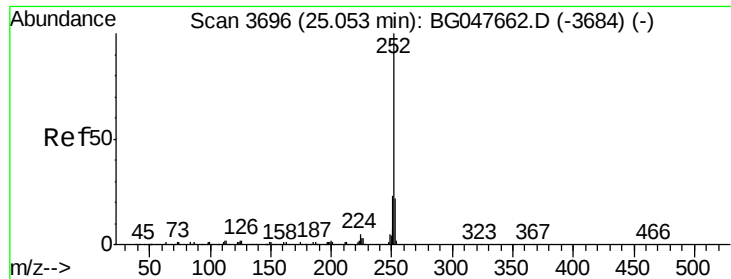
mohammad
12/9/2020 12:28:25 PM



#89
Benzo(k)fluoranthene
Concen: 5.165 ng/ul m
RT: 24.21 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.9	25.3
125	3.1	2.2	3.4





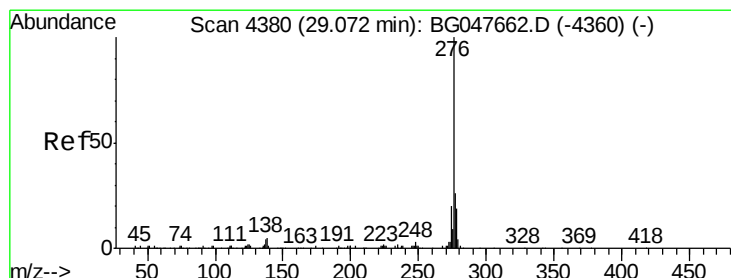
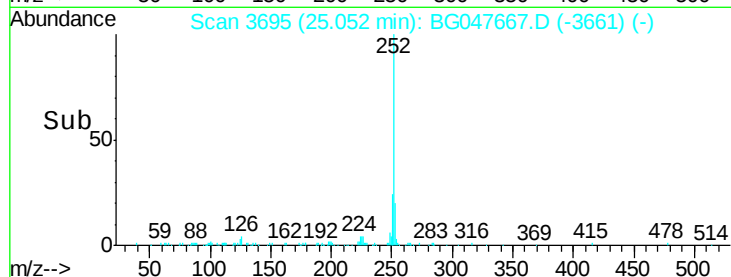
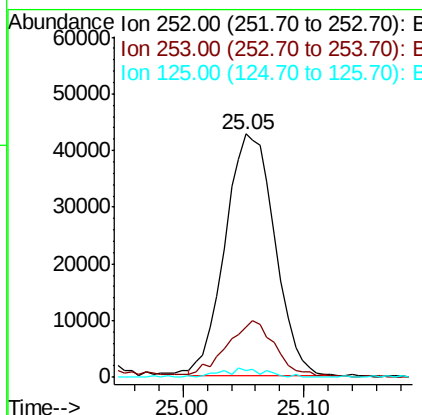
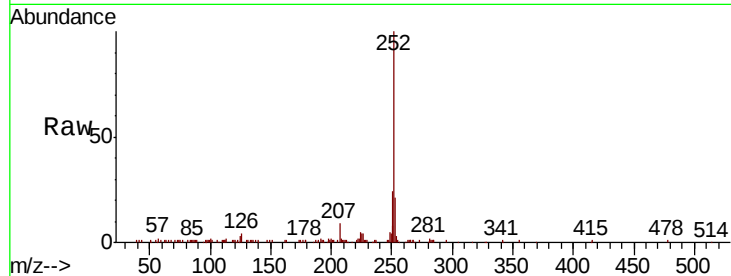
#91
Benzo(a)pyrene
Concen: 10.781 ng/ul
RT: 25.05 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Instrument :
BNA_G
ClientSampleId :
C0BJ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.9	25.3
125	2.6	2.6	3.8

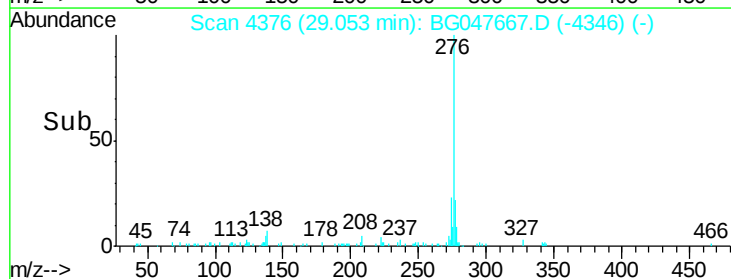
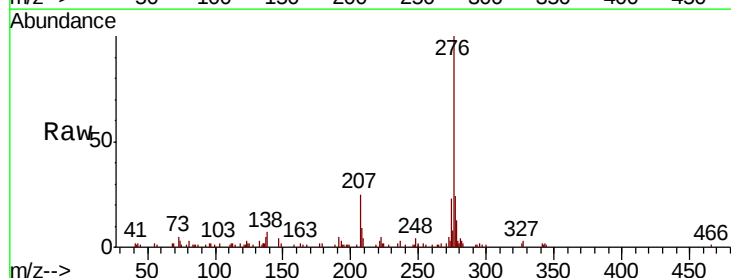
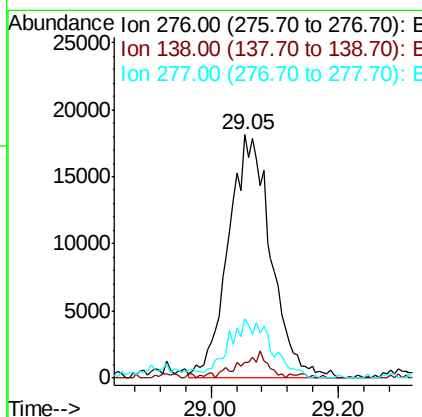
Manual Integrations
APPROVED

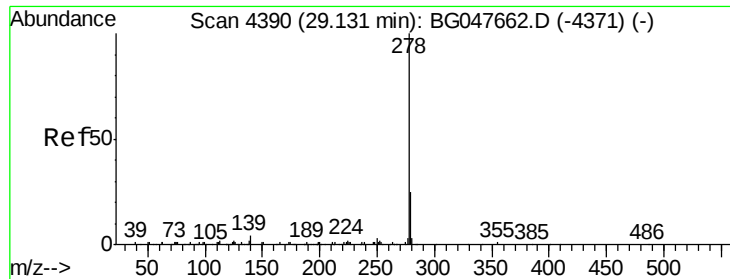
mohammad
12/9/2020 12:28:25 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.117 ng/ul m
RT: 29.05 min Scan# 4376
Delta R.T. -0.03 min
Lab File: BG047667.D
Acq: 9 Dec 2020 4:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.6	3.3	4.9#
277	24.2	18.6	27.8





#93

Dibenzo(a,h)anthracene

Concen: 2.163 ng/ul m

RT: 29.13 min Scan# 4389

Delta R.T. -0.00 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

Instrument :

BNA_G

ClientSampleId :

C0BJ0

Tot Ion:278 Resp: 24955

Ion Ratio Lower Upper

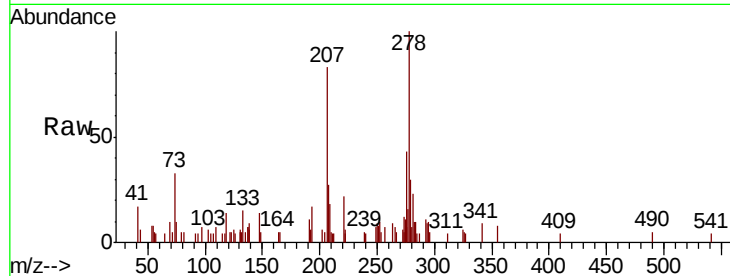
278 100

139 8.9 3.3 4.9#

279 29.7 18.5 27.7#

Manual Integrations
APPROVED

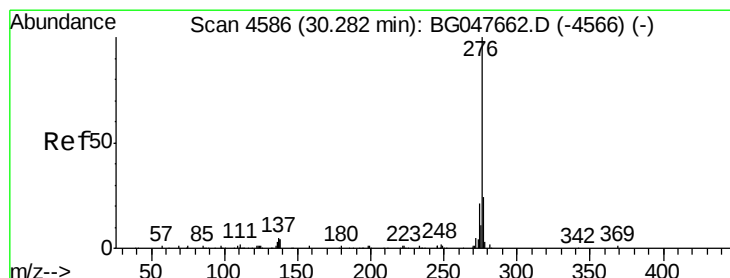
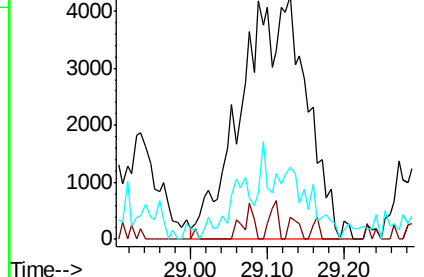
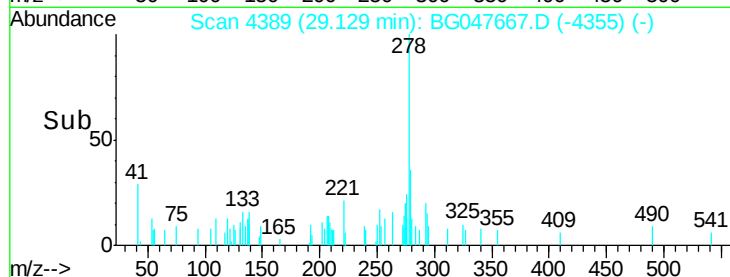
mohammad
12/9/2020 12:28:25 PM



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(g,h,i)perylene

Concen: 5.893 ng/ul m

RT: 30.26 min Scan# 4582

Delta R.T. -0.01 min

Lab File: BG047667.D

Acq: 9 Dec 2020 4:18

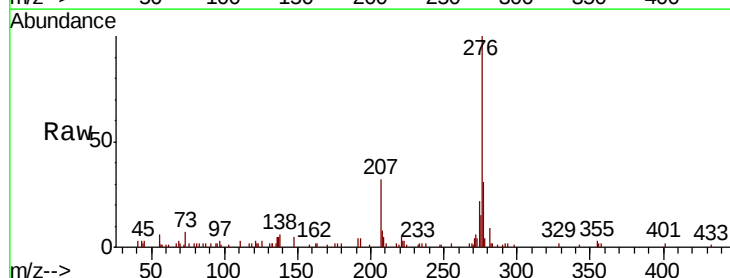
Tgt Ion:276 Resp: 66611

Ion Ratio Lower Upper

276 100

138 5.9 4.7 7.1

277 30.5 21.9 32.9



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

