

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
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Quant Time: Nov 17 07:34:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56886	20.00	ng/ul	0.02
18) Naphthalene-d8	10.83	136	206876	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.67	164	139547	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.42	188	274180	20.00	ng/ul	0.03
78) Chrysene-d12	21.70	240	341374	20.00	ng/ul	0.05
86) Perylene-d12	25.01	264	319149m	20.00	ng/ul	0.16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5779	4.10	ng/uL	0.02
5) Phenol-d5	7.19	99	154859	31.37	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	88316	31.10	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	126093	32.84	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	124610	31.63	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	60506	34.89	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	63513	31.35	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.46	165	133519	33.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.95	131	102017	30.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	340508	29.68	ng/ul	0.02
47) Acenaphthylene-d8	14.36	160	433273	31.92	ng/ul	0.02
52) 4-Nitrophenol-d4	14.89	143	71570	39.62	ng/ul	0.05
58) Fluorene-d10	15.66	176	312489	29.33	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.76	200	8962	4.74	ng/ul	0.00
71) Anthracene-d10	17.52	188	466271	35.09	ng/ul	0.03
79) Pyrene-d10	19.81	212	548903	28.19	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.78	264	603889m	34.42	ng/ul	0.15

Target Compounds

				Ovalue	
24) 2,4-Dimethylphenol	10.03	107	9814m	2.324	ng/ul
28) Naphthalene	10.89	128	46142	3.970	ng/ul# 67
34) 2-Methylnaphthalene	12.49	142	132761	16.011	ng/ul 99
41) 1,1'-Biphenyl	13.50	154	25577	2.323	ng/ul# 85
45) Dimethylphthalate	14.11	163	93033	8.079	ng/ul# 85
48) Acenaphthylene	14.39	152	26861	2.115	ng/ul# 1
50) Acenaphthene	14.73	153	69021m	7.512	ng/ul
54) Dibenzofuran	15.07	168	73879	5.525	ng/ul# 1
59) Fluorene	15.72	166	30886	2.814	ng/ul# 56
70) Phenanthrene	17.47	178	1052073	68.415	ng/ul# 95
72) Anthracene	17.56	178	102929	6.660	ng/ul# 66
77) Fluoranthene	19.47	202	192357	10.393	ng/ul# 96
80) Pyrene	19.84	202	897506	38.419	ng/ul 98
83) Benzo(a)anthracene	21.69	228	143893	6.222	ng/ul# 24
85) Chrysene	21.75	228	180256	8.102	ng/ul# 60
88) Benzo(b)fluoranthene	23.96	252	132040m	6.228	ng/ul
91) Benzo(a)pyrene	24.85	252	63697m	3.337	ng/ul
94) Benzo(g,h,i)perylene	29.90	276	44956m	2.267	ng/ul

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

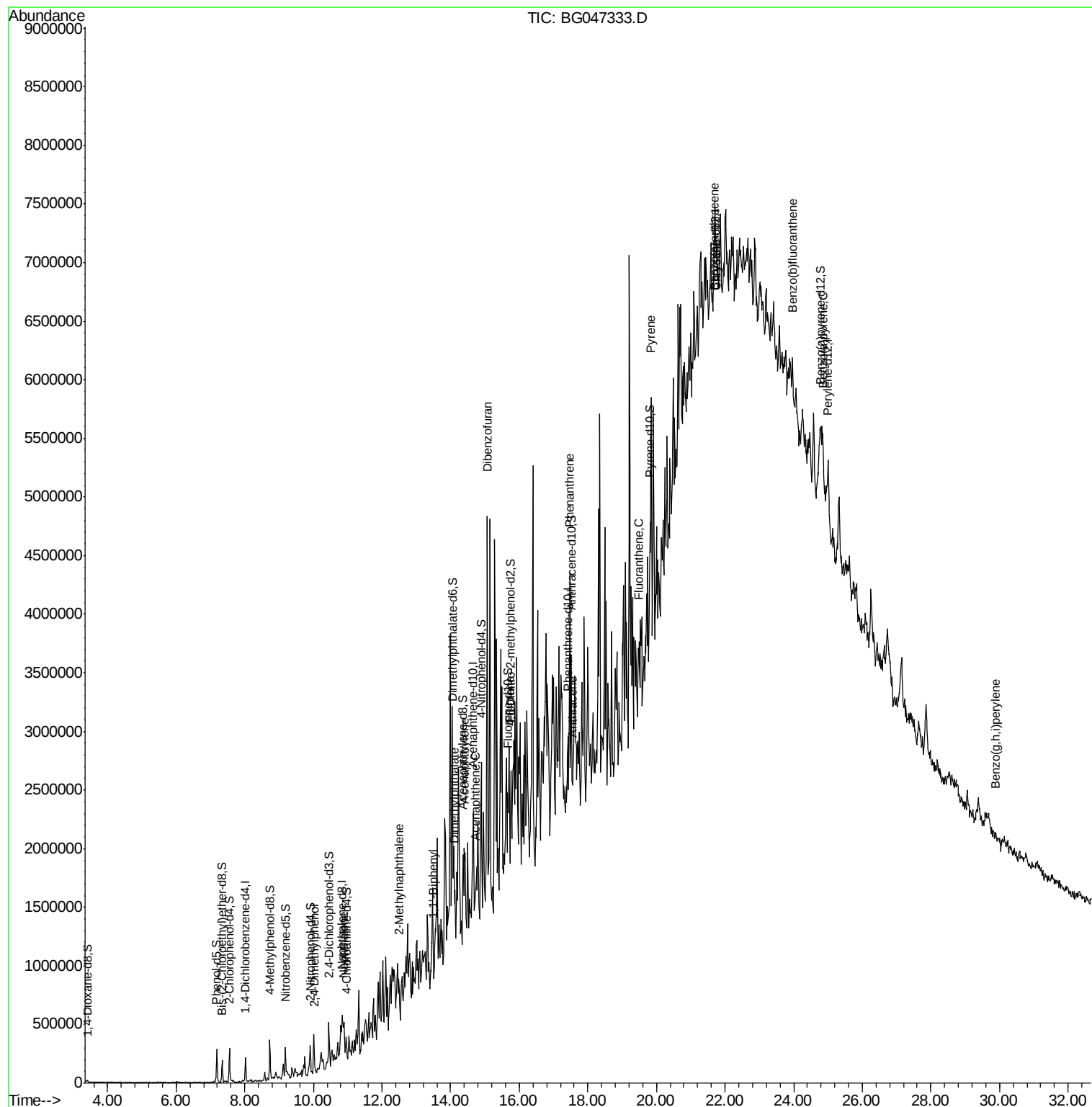
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

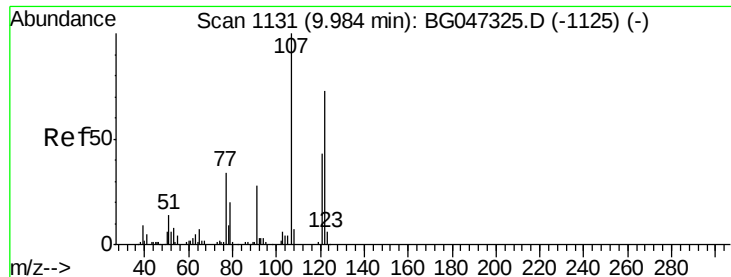
Instrument :
BNA_G
ClientSampled :
C0AC4

Quant Time: Nov 17 07:34:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

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#24

2,4-Dimethylphenol

Concen: 2.324 ng/ul m

RT: 10.03 min Scan# 1139

Delta R.T. 0.05 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Instrument :

BNA_G

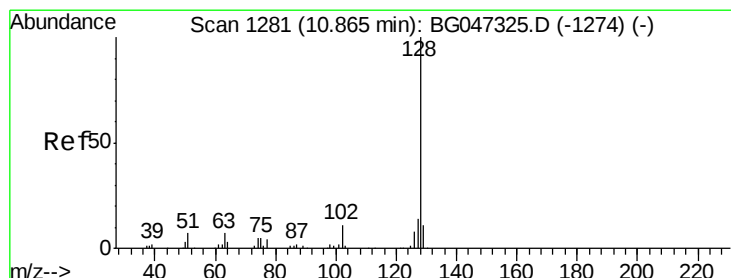
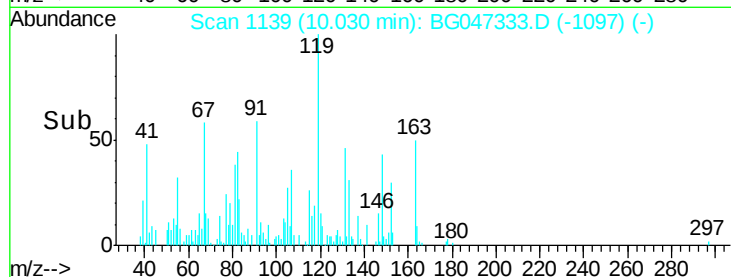
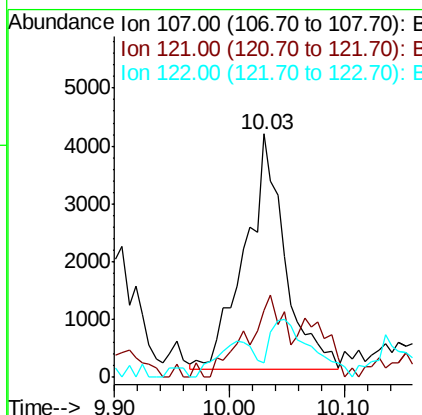
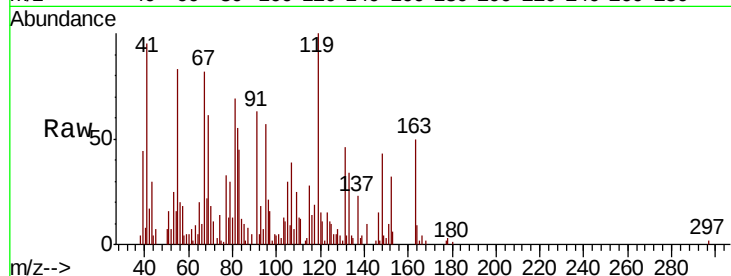
ClientSampleId :

C0AC4

Tot Ion	Ratio	Lower	Upper
107	100		
121	27.7	40.4	60.6#
122	6.1	63.0	94.4#

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#28

Naphthalene

Concen: 3.970 ng/ul

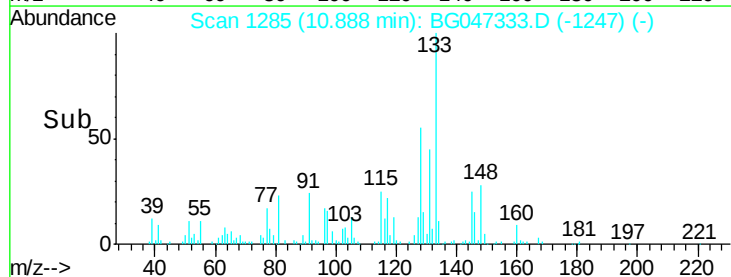
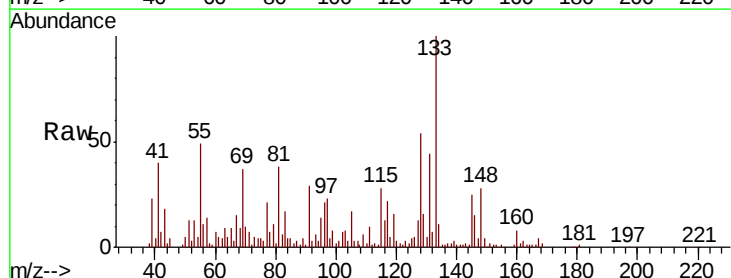
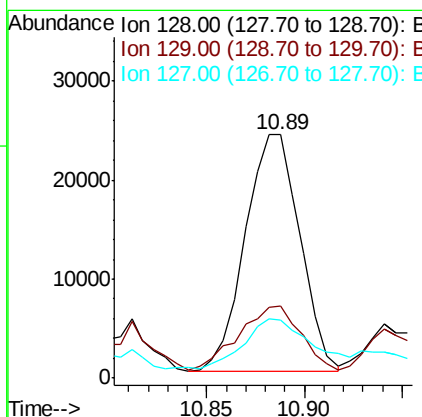
RT: 10.89 min Scan# 1285

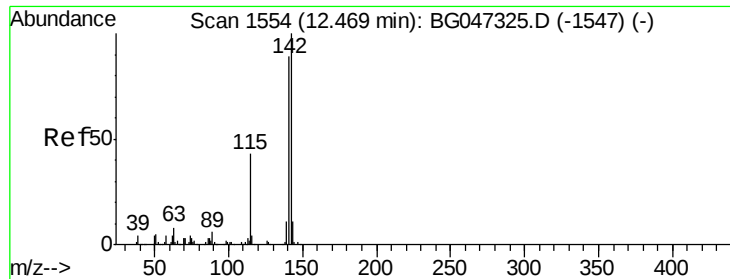
Delta R.T. 0.02 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	29.4	9.4	14.2#
127	23.8	11.5	17.3#





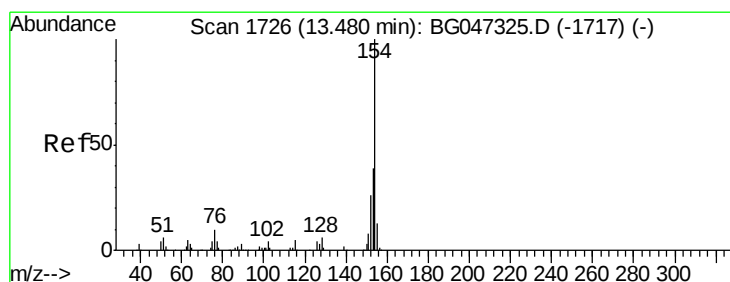
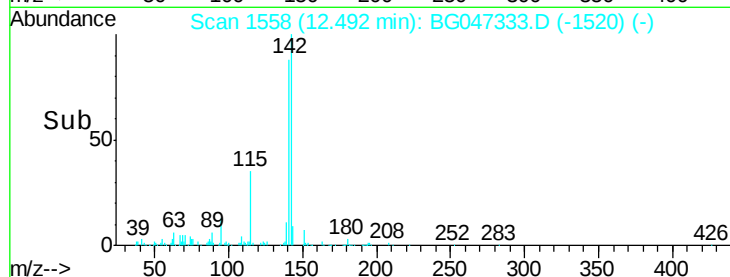
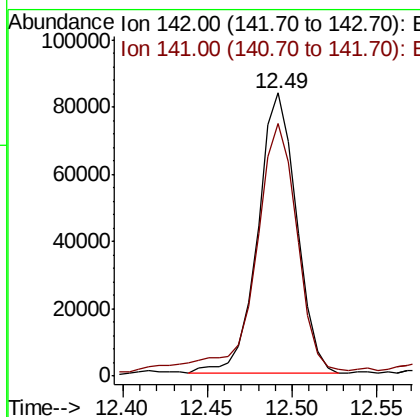
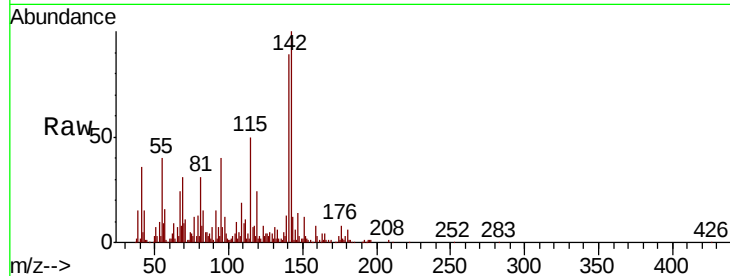
#34
 2-Methylnaphthalene
 Concen: 16.011 ng/ul
 RT: 12.49 min Scan# 1558
 Delta R.T. 0.02 min
 Lab File: BG047333.D
 Acq: 16 Nov 2020 16:57

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.4	108.6

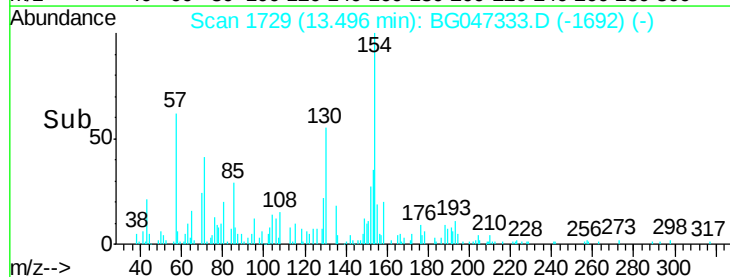
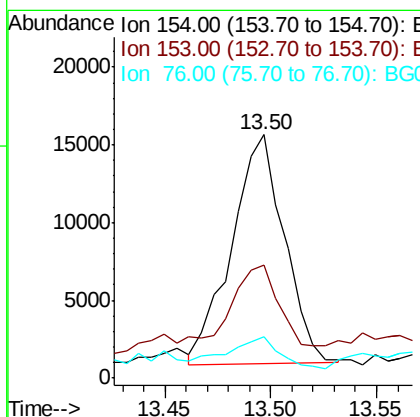
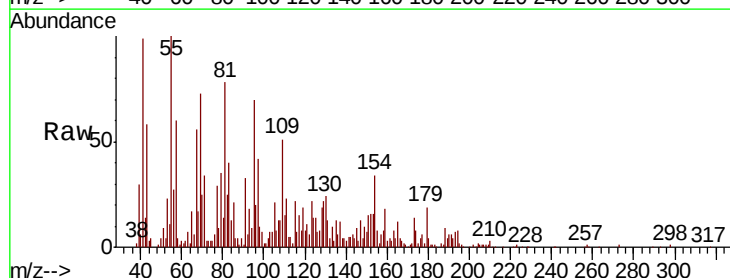
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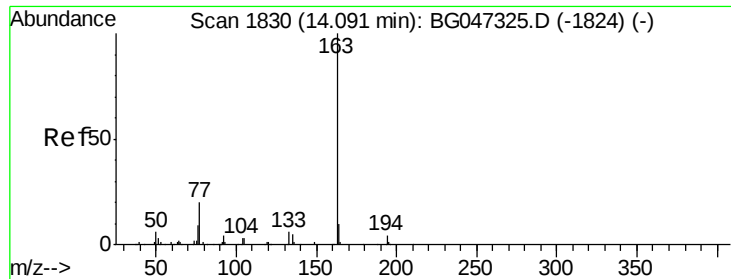
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#41
 1,1'-Biphenyl
 Concen: 2.323 ng/ul
 RT: 13.50 min Scan# 1729
 Delta R.T. 0.02 min
 Lab File: BG047333.D
 Acq: 16 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.3	30.2	45.4#
76	17.0	7.8	11.6#





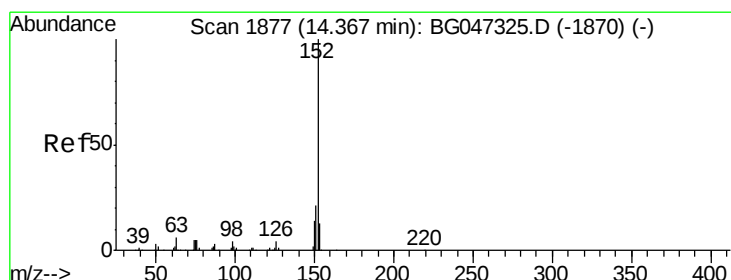
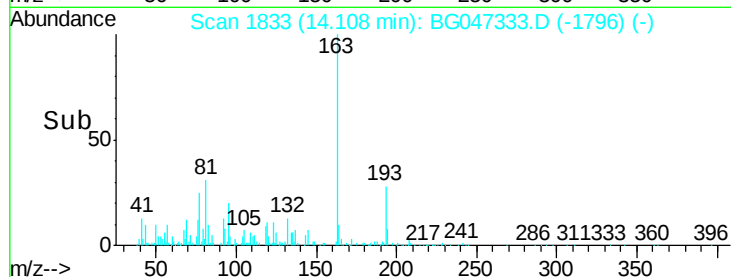
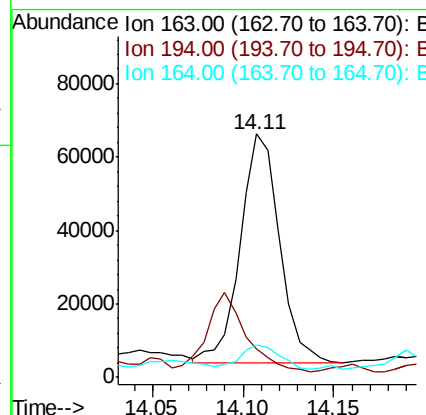
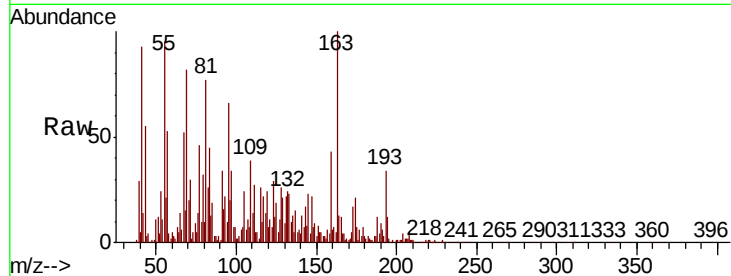
#45
Dimethylphthalate
Concen: 8.079 ng/ul
RT: 14.11 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BG047333.D
Acq: 16 Nov 2020 16:57

Instrument :
BNA_G
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
163	100		
194	11.7	3.4	5.0#
164	13.2	7.2	10.8#

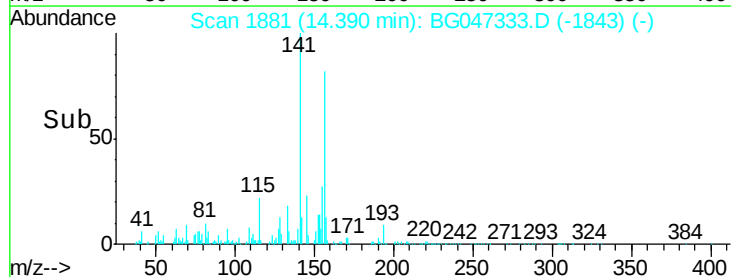
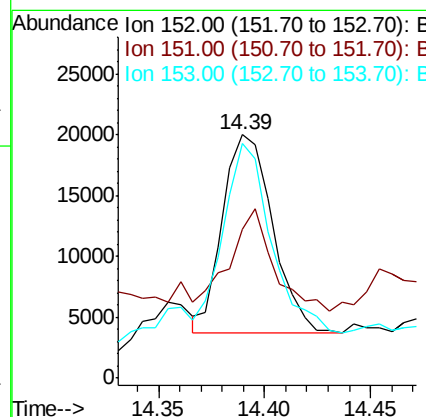
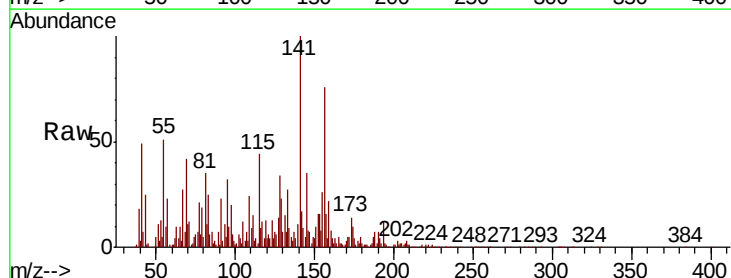
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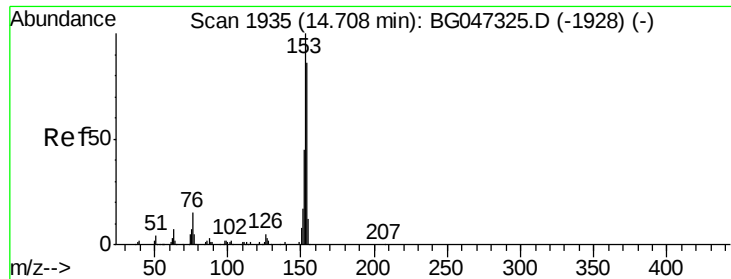
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#48
Acenaphthylene
Concen: 2.115 ng/ul
RT: 14.39 min Scan# 1881
Delta R.T. 0.02 min
Lab File: BG047333.D
Acq: 16 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	61.3	17.4	26.2#
153	96.5	10.2	15.4#





#50

Acenaphthene

Concen: 7.512 ng/ul m

RT: 14.73 min Scan# 1939

Delta R.T. 0.02 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Instrument :

BNA_G

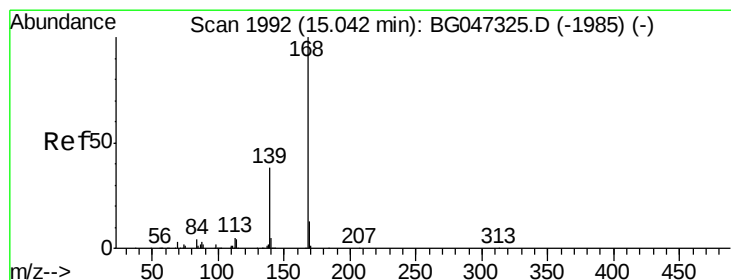
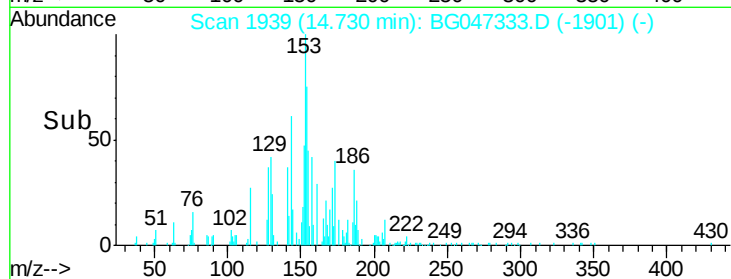
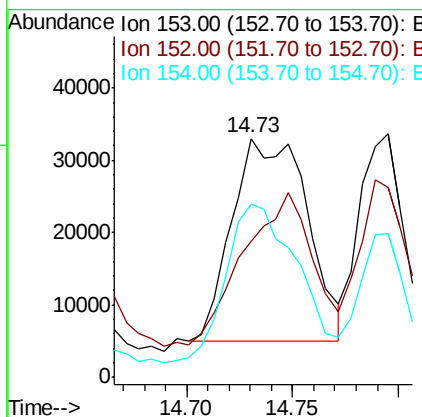
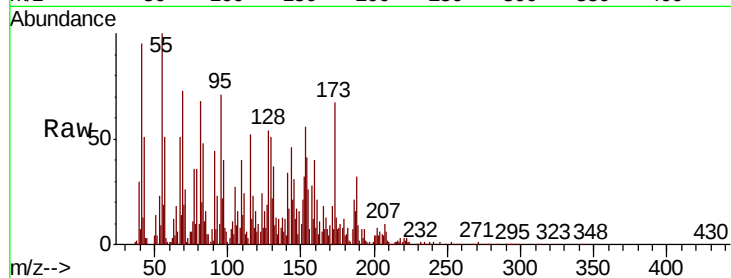
ClientSampleId :

C0AC4

Tot Ion	Ion	Ratio	Lower	Upper
153	100			
152	57.2	37.0	55.4#	
154	72.7	74.0	111.0#	

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#54

Dibenzofuran

Concen: 5.525 ng/ul

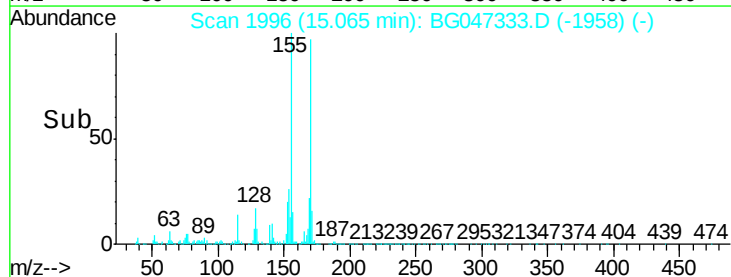
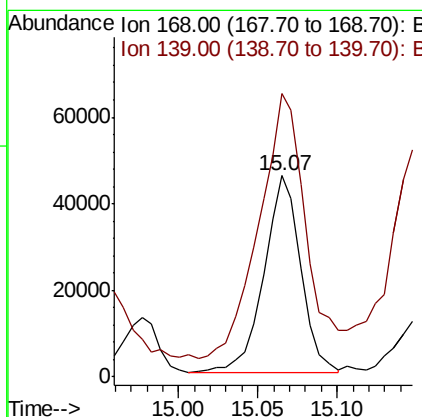
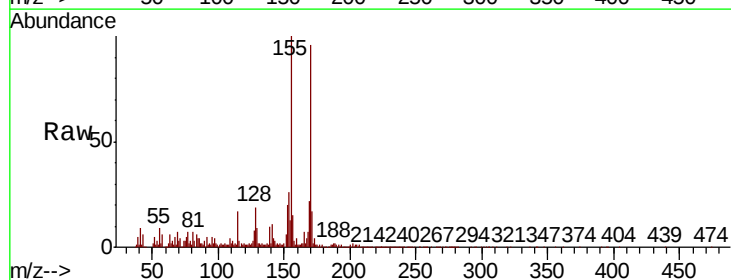
RT: 15.07 min Scan# 1996

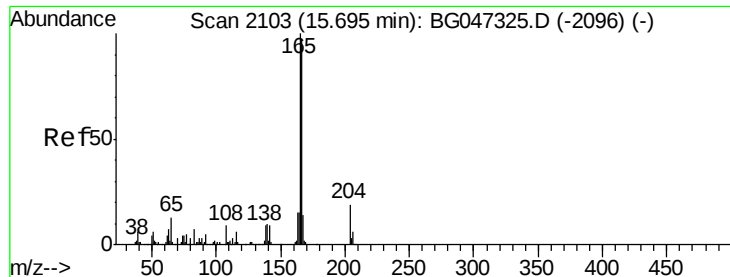
Delta R.T. 0.02 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	140.9	31.5	47.3#	





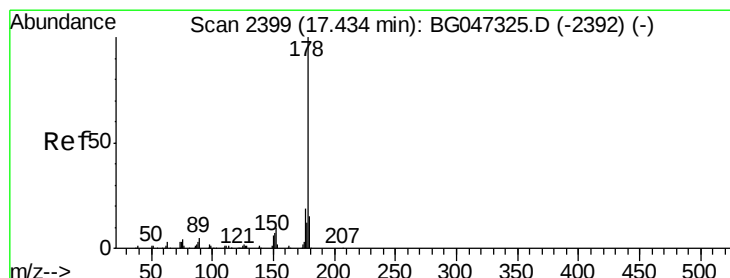
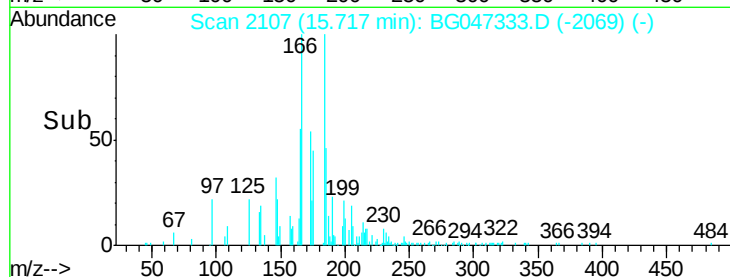
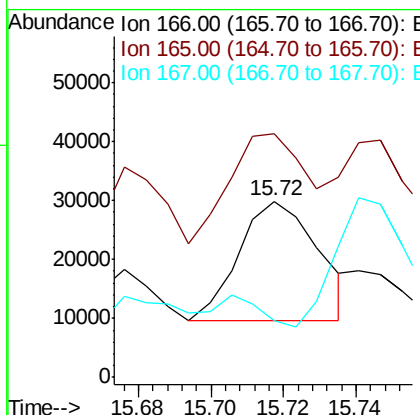
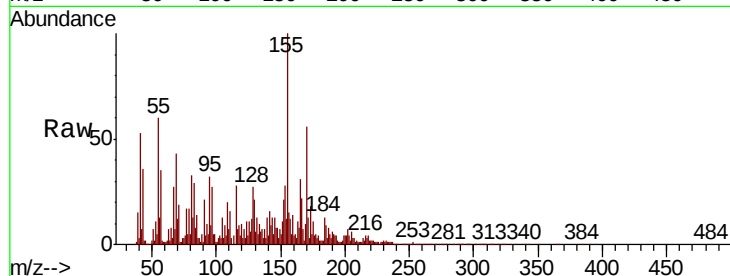
#59
Fluorene
 Concen: 2.814 ng/ul
 RT: 15.72 min Scan# 2107
 Delta R.T. 0.02 min
 Lab File: BG047333.D
 Acq: 16 Nov 2020 16:57

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
166	100		
165	138.2	76.2	114.4#
167	31.9	10.4	15.6#

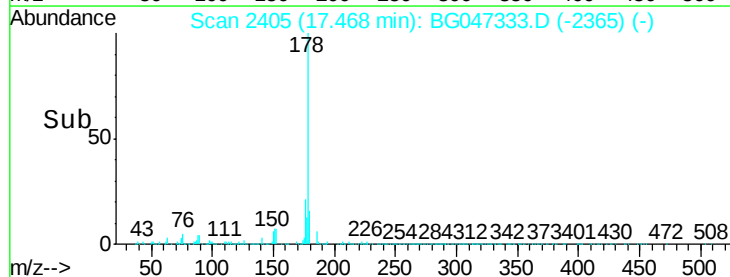
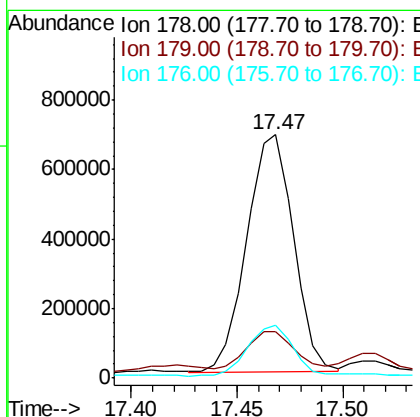
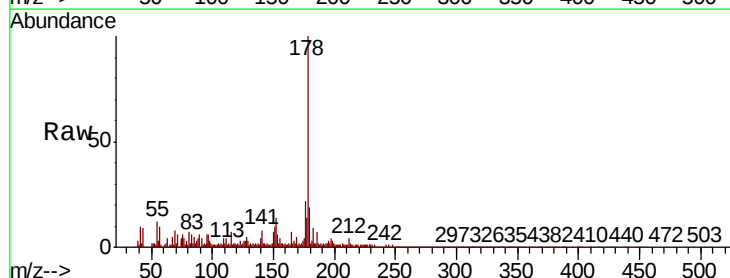
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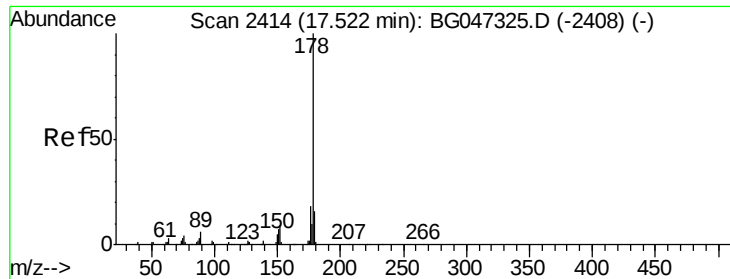
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#70
Phenanthrene
 Concen: 68.415 ng/ul
 RT: 17.47 min Scan# 2405
 Delta R.T. 0.03 min
 Lab File: BG047333.D
 Acq: 16 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.2	18.4#
176	21.9	16.5	24.7





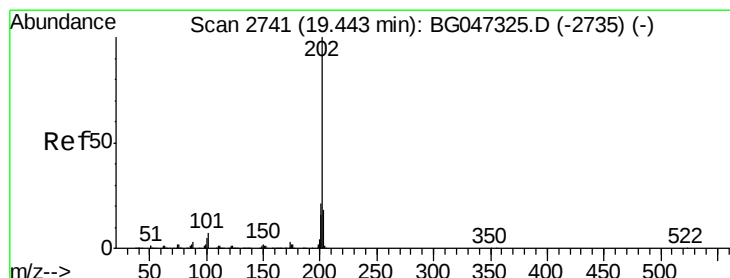
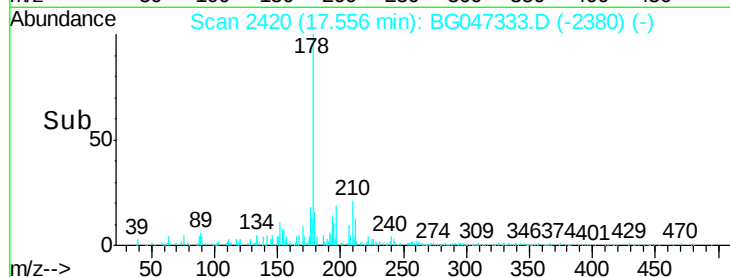
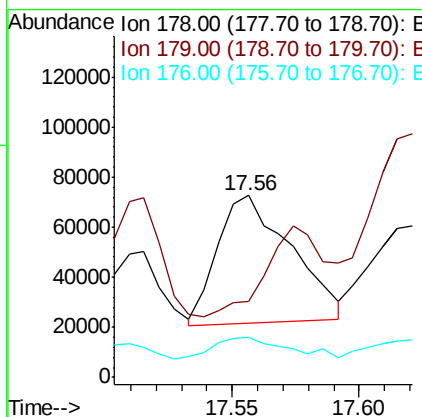
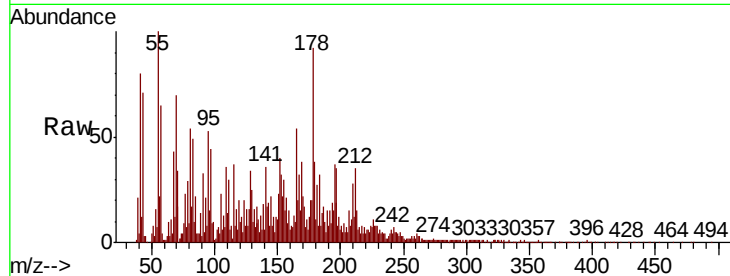
#72
 Anthracene
 Concen: 6.660 ng/ul
 RT: 17.56 min Scan# 2420
 Delta R.T. 0.03 min
 Lab File: BG047333.D
 Acq: 16 Nov 2020 16:57

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
178	100		
179	41.7	12.4	18.6#
176	22.1	14.4	21.6#

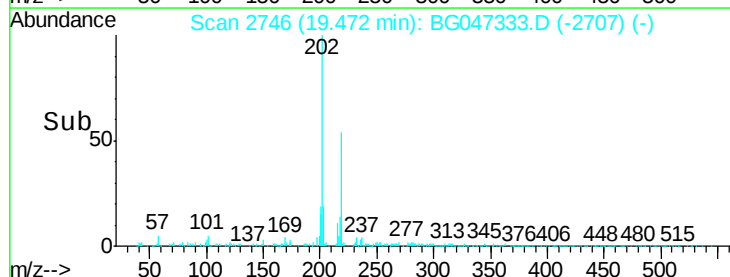
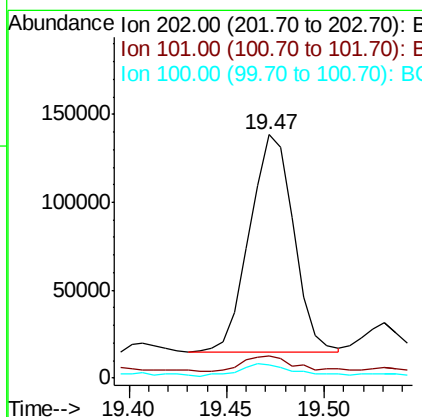
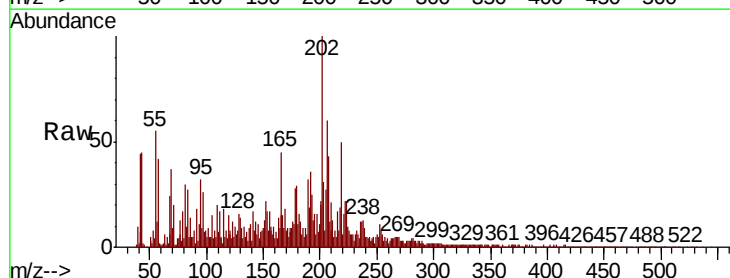
Manual Integrations
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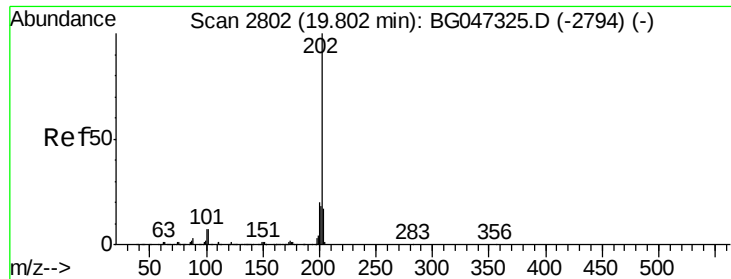
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#77
 Fluoranthene
 Concen: 10.393 ng/ul
 RT: 19.47 min Scan# 2746
 Delta R.T. 0.03 min
 Lab File: BG047333.D
 Acq: 16 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.0	7.6#
100	5.3	4.2	6.2





#80

Pvrene

Concen: 38.419 ng/ul

RT: 19.84 min Scan# 2809

Delta R.T. 0.04 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Instrument :

BNA_G

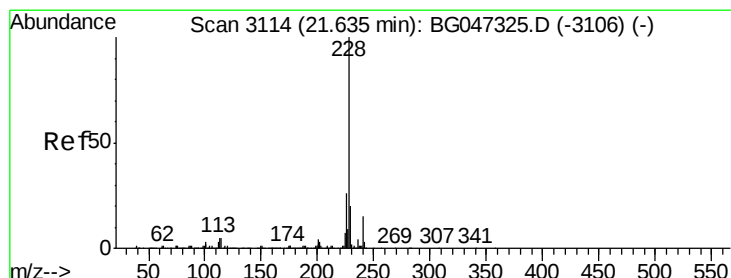
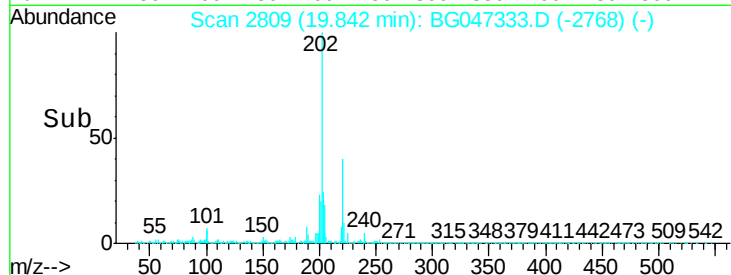
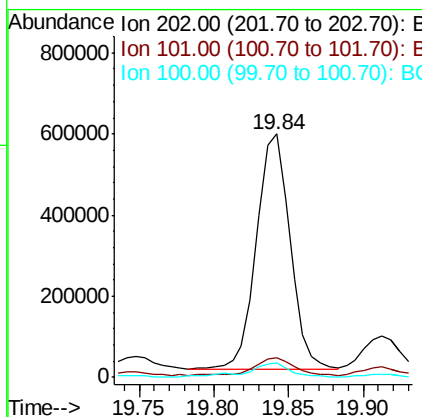
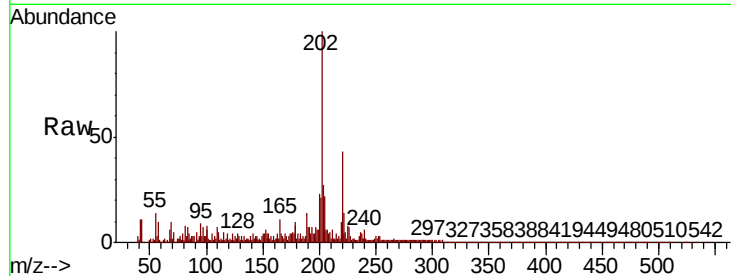
ClientSampleId :

C0AC4

Tot Ion:	202	Resp:	897506
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.5	9.7
100	5.9	5.7	8.5

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#83

Benzo(a)anthracene

Concen: 6.222 ng/ul

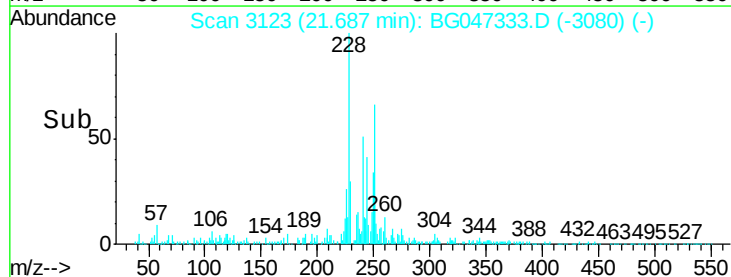
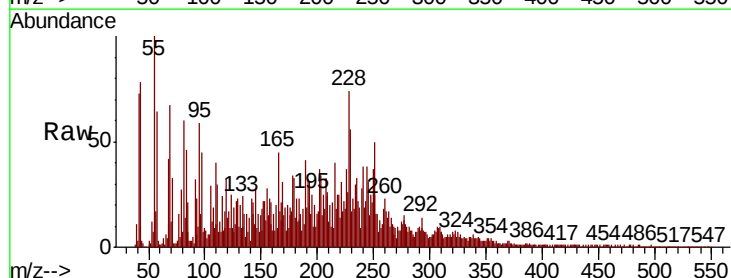
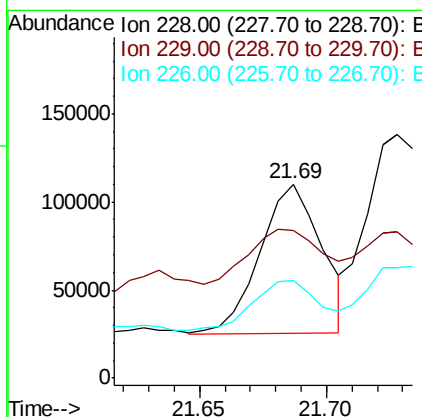
RT: 21.69 min Scan# 3123

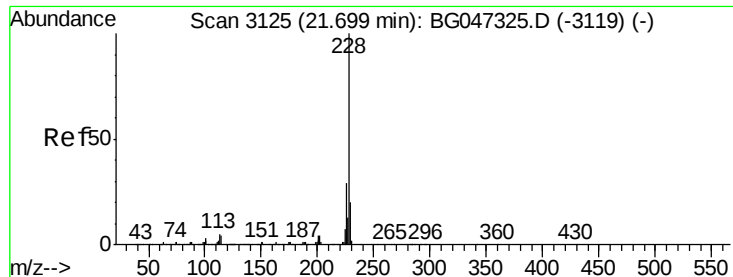
Delta R.T. 0.05 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Tgt Ion:	228	Resp:	143893
Ion Ratio	Lower	Upper	
228	100		
229	76.5	15.1	22.7#
226	50.2	22.7	34.1#





#85

Chrysene

Concen: 8.102 ng/ul

RT: 21.75 min Scan# 3134

Delta R.T. 0.05 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Instrument :

BNA_G

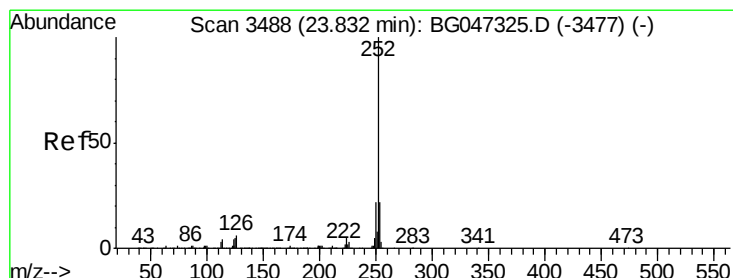
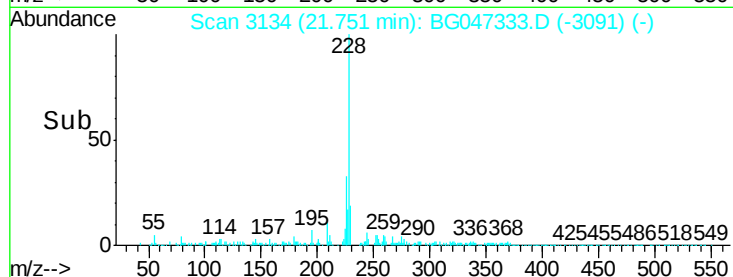
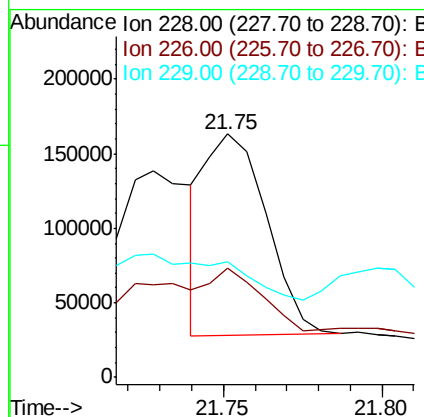
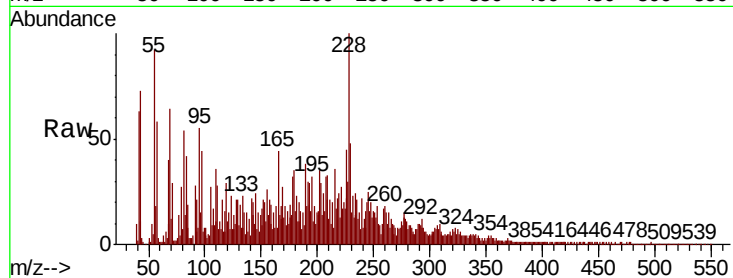
ClientSampled :

C0AC4

Tot Ion:	228	Resp:	180256
Ion Ratio	Lower	Upper	
228	100		
226	44.8	24.6	36.8#
229	47.7	15.8	23.8#

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#88

Benzo(b)fluoranthene

Concen: 6.228 ng/ul m

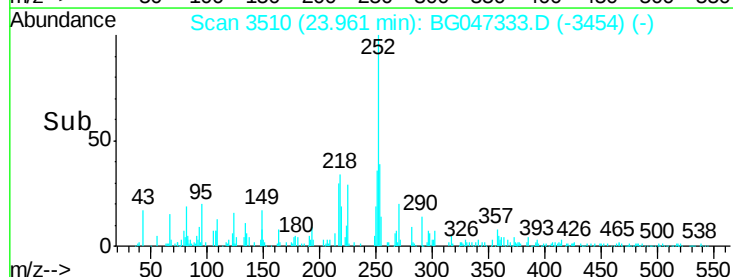
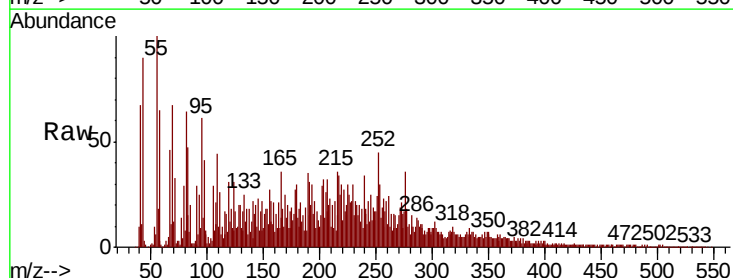
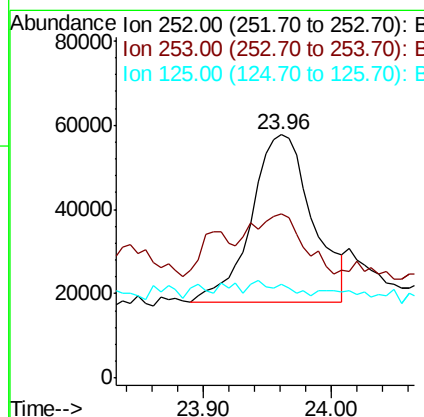
RT: 23.96 min Scan# 3510

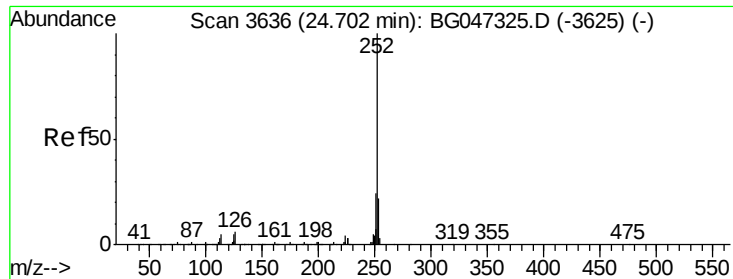
Delta R.T. 0.13 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Tgt Ion:	252	Resp:	132040
Ion Ratio	Lower	Upper	
252	100		
253	67.3	18.0	27.0#
125	38.6	3.7	5.5#





#91

Benzo(a)pyrene

Concen: 3.337 ng/ul m

RT: 24.85 min Scan# 3661

Delta R.T. 0.15 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Instrument :

BNA_G

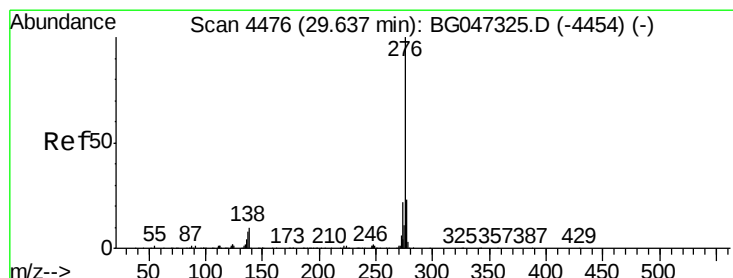
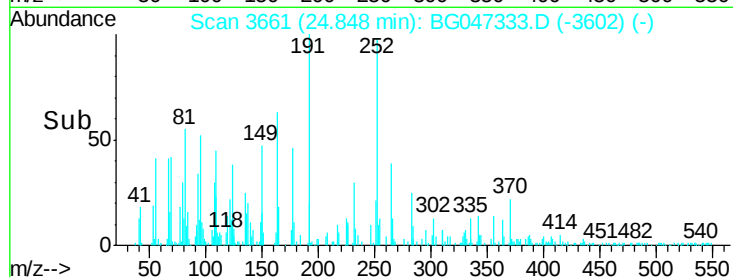
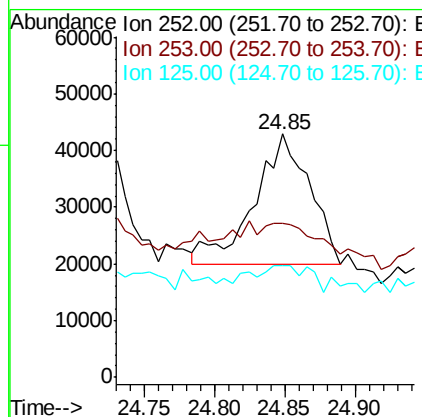
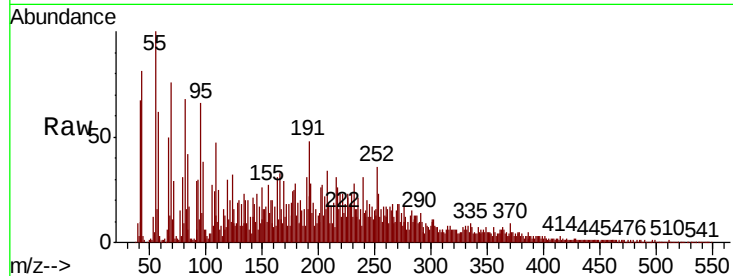
ClientSampled :

C0AC4

Tot Ion:	252	Resp:	63697
Ion Ratio	Lower	Upper	
252	100		
253	63.1	17.8	26.6#
125	45.8	4.2	6.4#

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#94

Benzo(g,h,i)perylene

Concen: 2.267 ng/ul m

RT: 29.90 min Scan# 4521

Delta R.T. 0.26 min

Lab File: BG047333.D

Acq: 16 Nov 2020 16:57

Tgt Ion:	276	Resp:	44956
Ion Ratio	Lower	Upper	
276	100		
138	28.0	9.0	13.6#
277	54.7	19.2	28.8#

