

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047397.D
 Acq On : 21 Nov 2020 14:34
 Operator : CG/JU
 Sample : L4854-03DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD2DL

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:31 AM

Quant Time: Nov 23 07:03:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	46790	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	171339	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.89	164	111686	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.63	188	227470	20.00	ng/ul	0.02
78) Chrysene-d12	21.93	240	233890	20.00	ng/ul	0.03
86) Perylene-d12	25.39	264	250483m	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1483	1.15	ng/uL	0.00
5) Phenol-d5	7.41	99	39747	8.47	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	23041	8.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28722	9.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	32025	8.88	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	14449	10.21	ng/ul	0.01
22) 2-Nitrophenol-d4	10.18	143	16818	10.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	35234	9.97	ng/ul	0.01
29) 4-Chloroaniline-d4	11.22	131	55415	15.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	88408	9.22	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	112188	10.12	ng/ul	0.01
52) 4-Nitrophenol-d4	15.05	143	15643	10.69	ng/ul	0.02
58) Fluorene-d10	15.88	176	79785	9.08	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.73	188	121605m	10.78	ng/ul	0.02
79) Pyrene-d10	20.00	212	132799	9.76	ng/ul	0.02
90) Benzo(a)pyrene-d12	25.14	264	141243m	9.80	ng/ul	0.08

Target Compounds

					Ovalue	
6) Phenol	7.44	94	8466	1.883	ng/ul#	87
28) Naphthalene	11.16	128	52269	5.386	ng/ul#	95
34) 2-Methylnaphthalene	12.74	142	154672	21.508	ng/ul	92
41) 1,1'-Biphenyl	13.73	154	35619	4.111	ng/ul	91
45) Dimethylphthalate	14.33	163	27071	2.768	ng/ul#	72
50) Acenaphthene	14.97	153	39310	5.442	ng/ul#	76
54) Dibenzofuran	15.20	168	12624	1.190	ng/ul	90
59) Fluorene	15.93	166	54712	6.121	ng/ul#	86
70) Phenanthrene	17.68	178	528061	42.988	ng/ul	98
72) Anthracene	17.76	178	50442m	4.078	ng/ul	
77) Fluoranthene	19.67	202	101606	6.550	ng/ul#	98
80) Pyrene	20.03	202	590635	35.650	ng/ul#	96
83) Benzo(a)anthracene	21.90	228	73504	4.417	ng/ul#	25
85) Chrysene	21.97	228	81960	5.175	ng/ul#	61

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

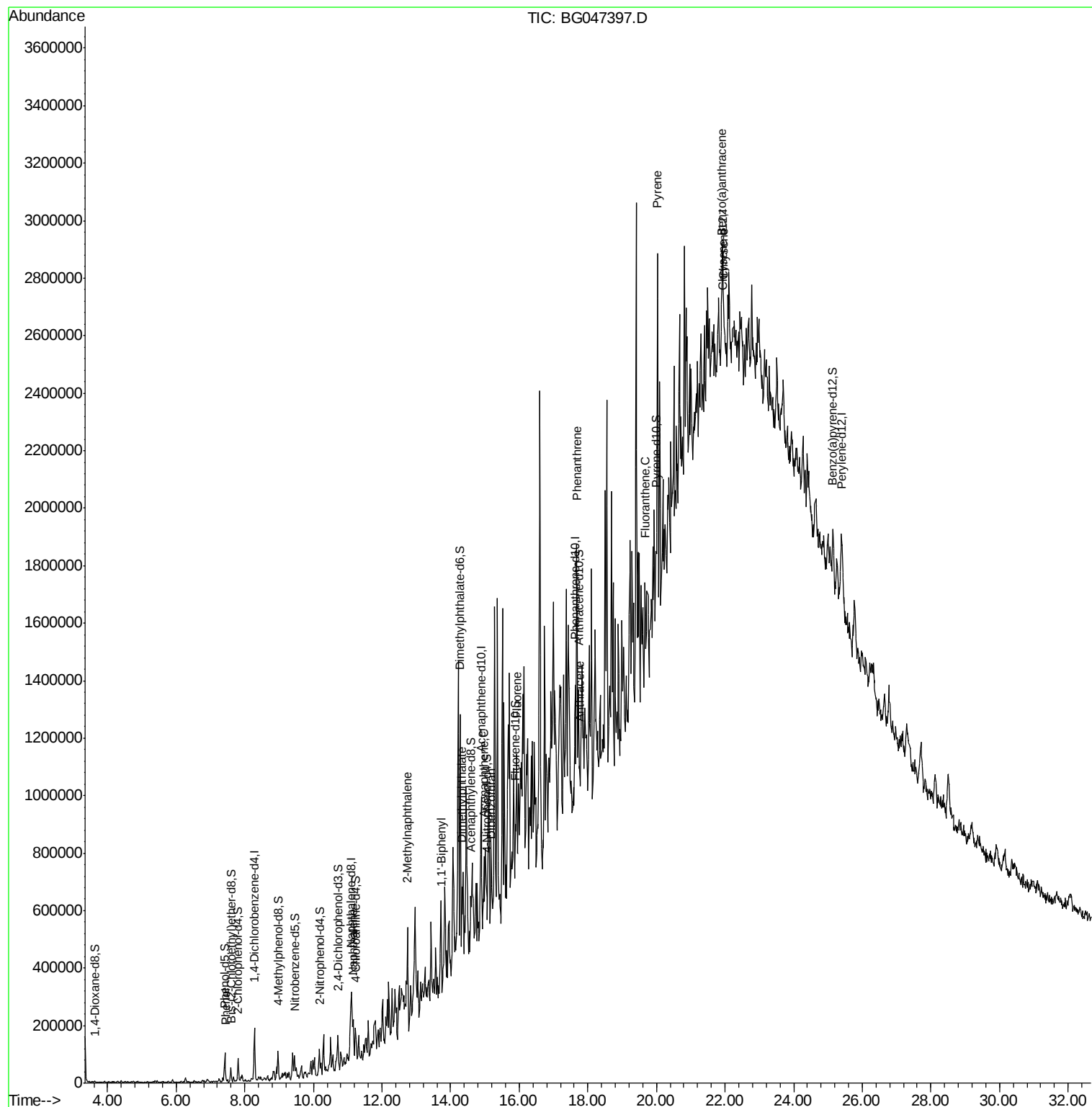
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047397.D
Acq On : 21 Nov 2020 14:34
Operator : CG/JU
Sample : L4854-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

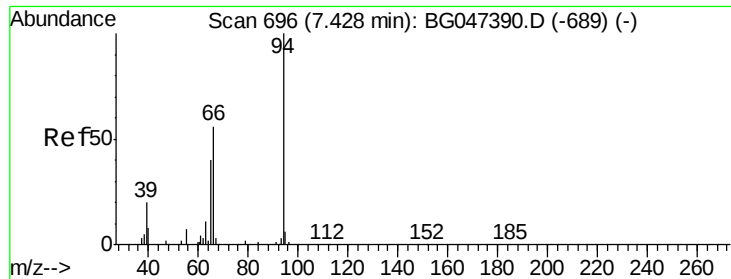
Instrument :
BNA_G
ClientSampleId :
C0AD2DL

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Quant Time: Nov 23 07:03:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:03:59 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.883 ng/ul

RT: 7.44 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

Instrument :

BNA_G

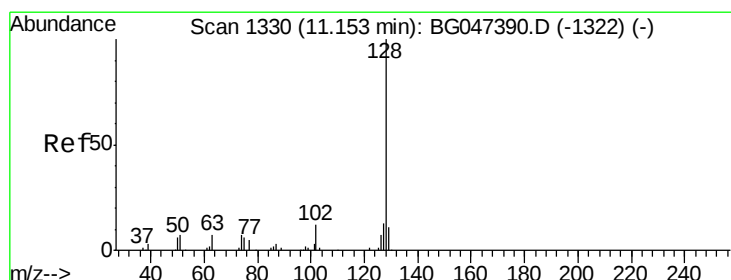
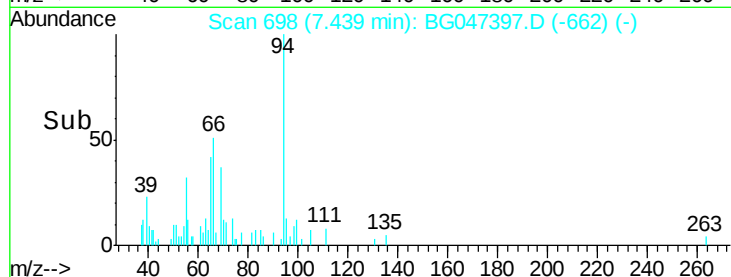
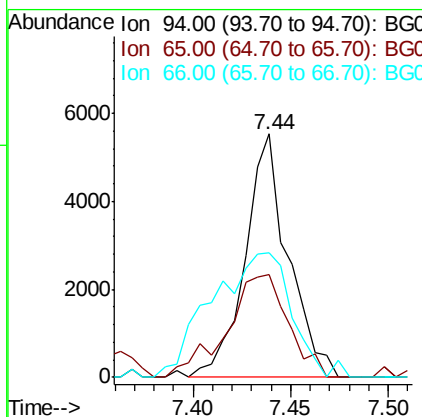
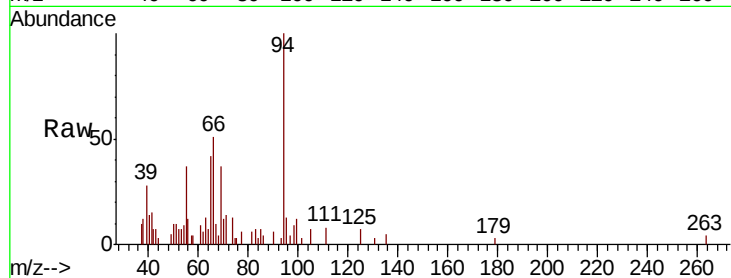
ClientSampleId :

C0AD2DL

Tot Ion:	94	Resp:	8466
Ion	Ratio	Lower	Upper
94	100		
65	42.3	31.2	46.8
66	51.2	52.2	78.2#

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#28

Naphthalene

Concen: 5.386 ng/ul

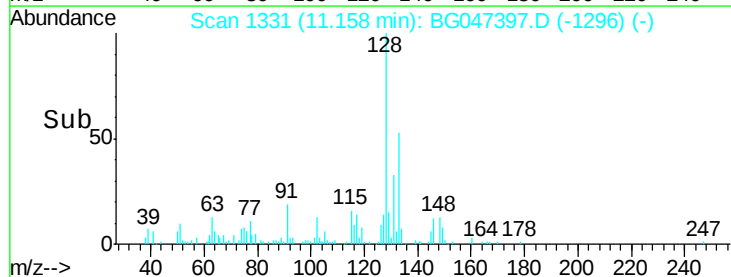
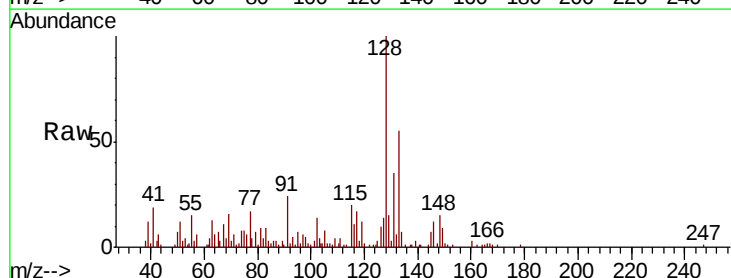
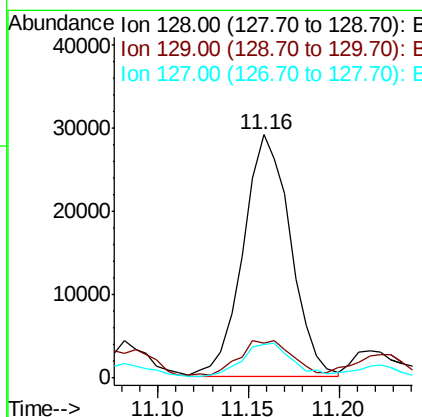
RT: 11.16 min Scan# 1331

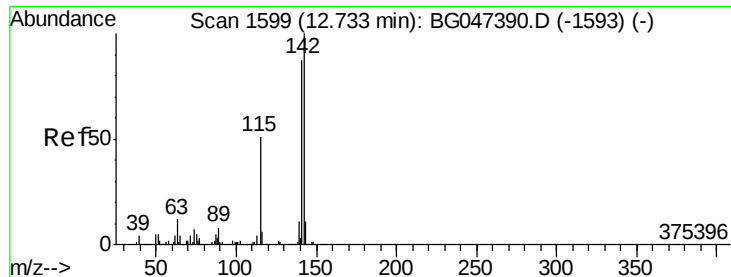
Delta R.T. 0.01 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

Tgt Ion:	128	Resp:	52269
Ion	Ratio	Lower	Upper
128	100		
129	14.6	8.6	13.0#
127	13.9	11.5	17.3





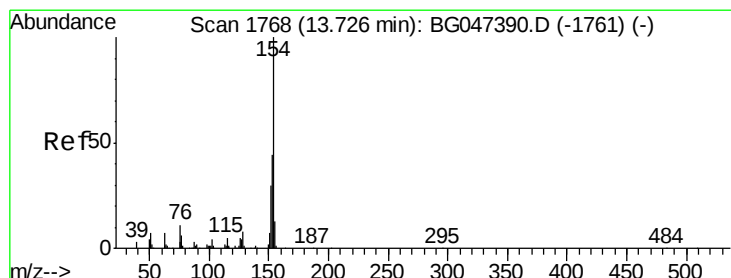
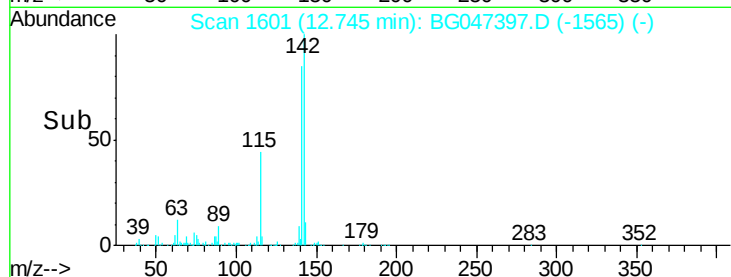
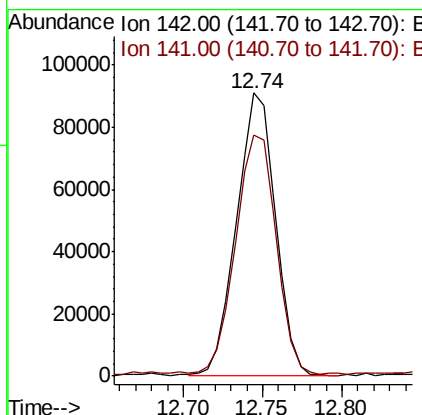
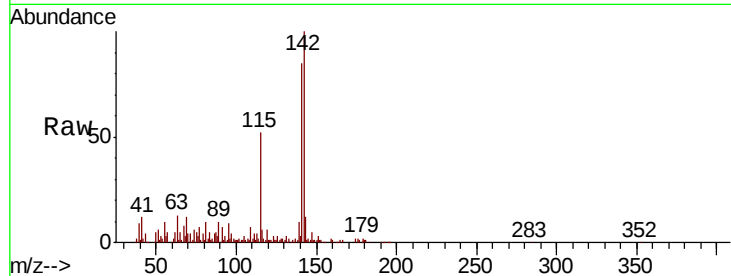
#34
2-Methylnaphthalene
Concen: 21.508 ng/ul
RT: 12.74 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG047397.D
Acq: 21 Nov 2020 14:34

Instrument :
BNA_G
ClientSampled :
C0AD2DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.1	74.1	111.1

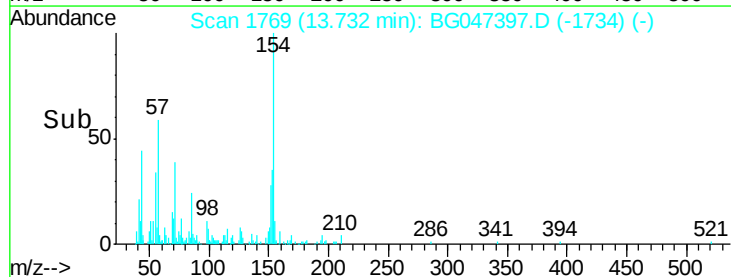
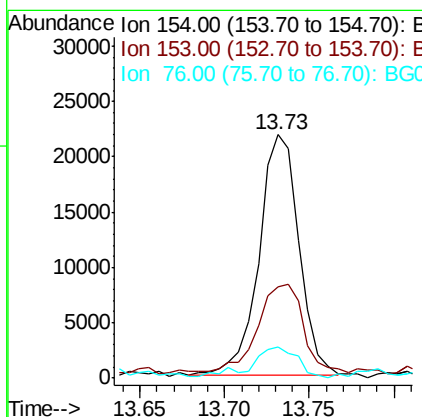
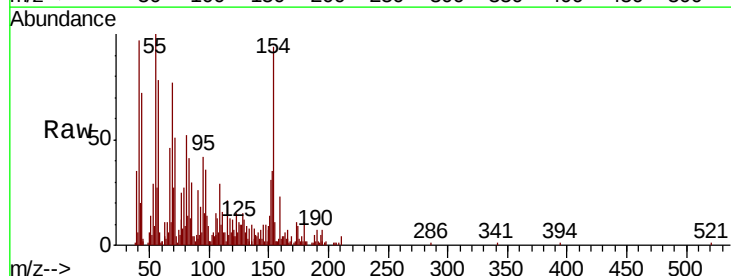
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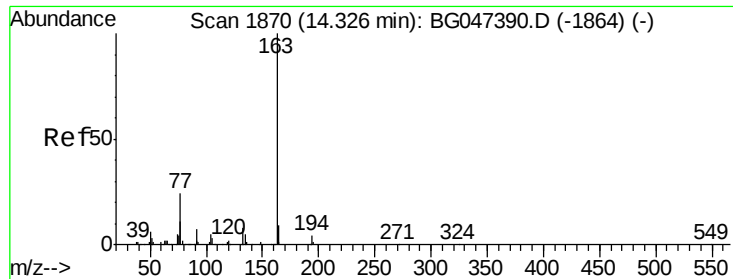
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#41
1,1'-Biphenyl
Concen: 4.111 ng/ul
RT: 13.73 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BG047397.D
Acq: 21 Nov 2020 14:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.5	34.9	52.3
76	12.8	8.8	13.2





#45

Dimethylphthalate

Concen: 2.768 ng/ul

RT: 14.33 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

Instrument :

BNA_G

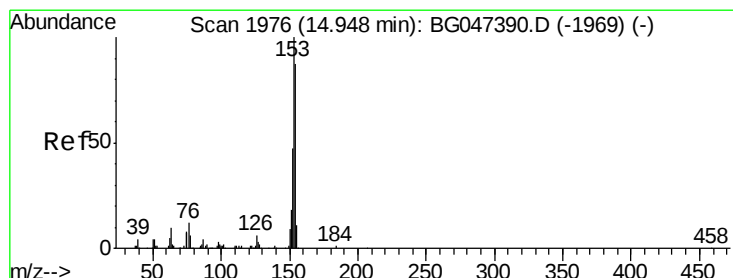
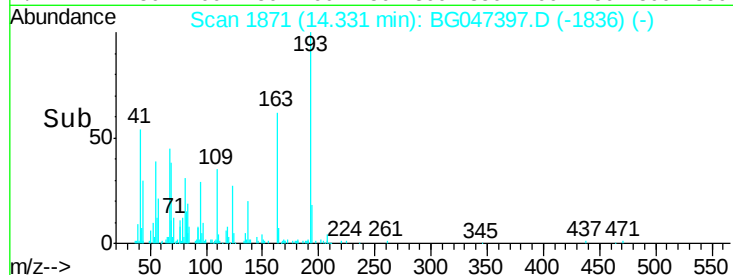
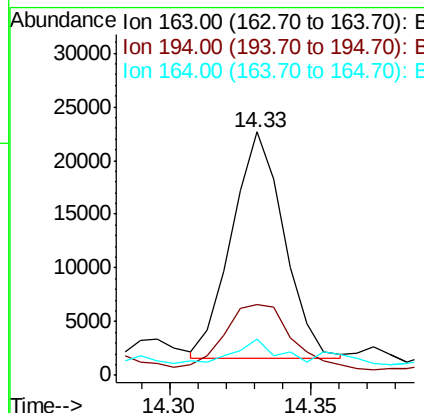
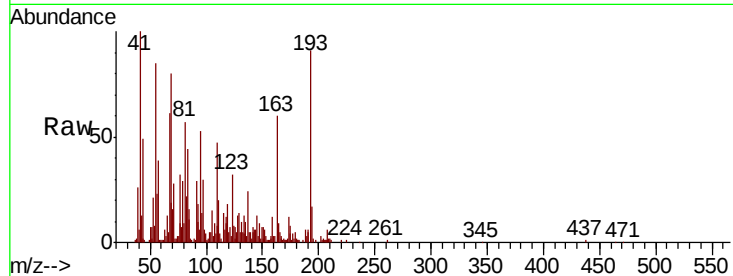
ClientSampleId :

C0AD2DL

Tot Ion:	163	Resp:	27071
Ion Ratio	Lower	Upper	
163	100		
194	29.1	3.4	5.2#
164	14.6	8.8	13.2#

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#50

Acenaphthene

Concen: 5.442 ng/ul

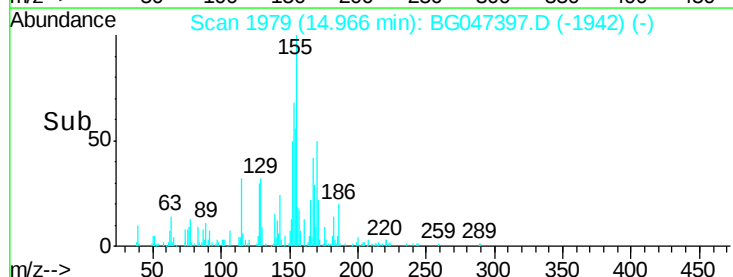
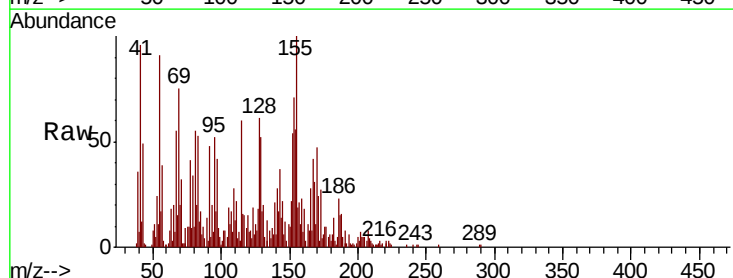
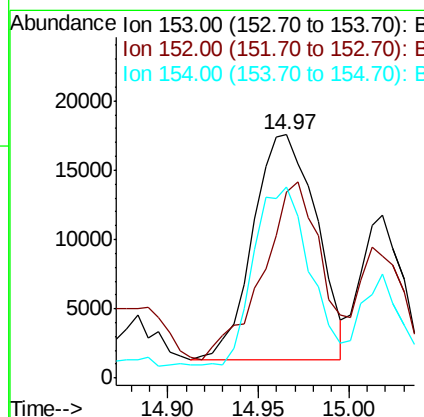
RT: 14.97 min Scan# 1979

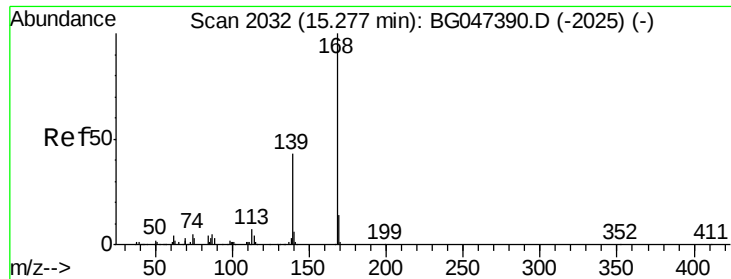
Delta R.T. 0.02 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

Tgt Ion:	153	Resp:	39310
Ion Ratio	Lower	Upper	
153	100		
152	76.4	39.8	59.8#
154	78.5	76.0	114.0





#54

Dibenzofuran

Concen: 1.190 ng/ul

RT: 15.20 min Scan# 2019

Delta R.T. -0.08 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

Instrument :

BNA_G

ClientSampled :

C0AD2DL

Tot Ion:168 Resp: 12624

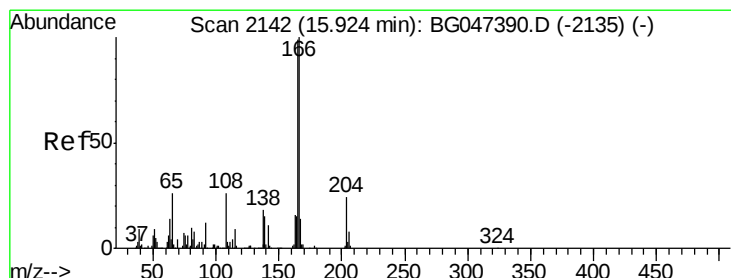
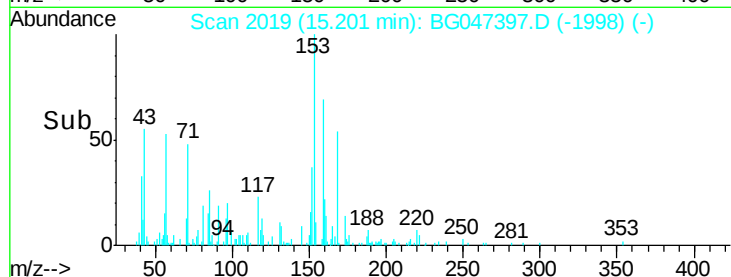
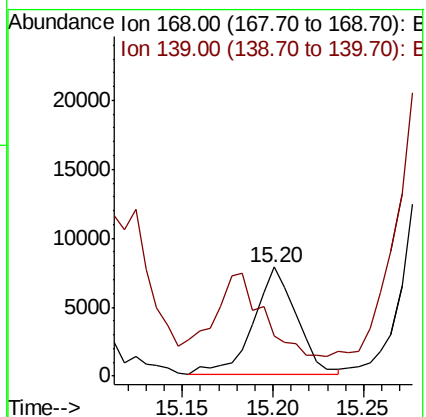
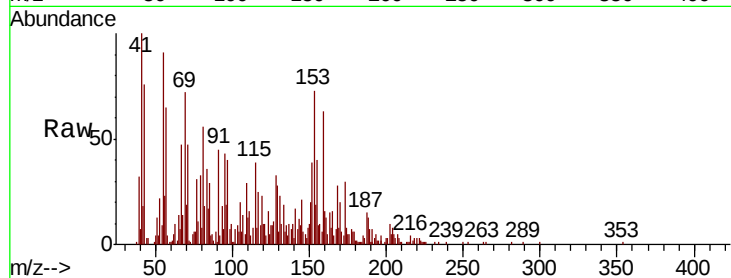
Ion Ratio Lower Upper

168 100

139 36.4 34.3 51.5

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#59

Fluorene

Concen: 6.121 ng/ul

RT: 15.93 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

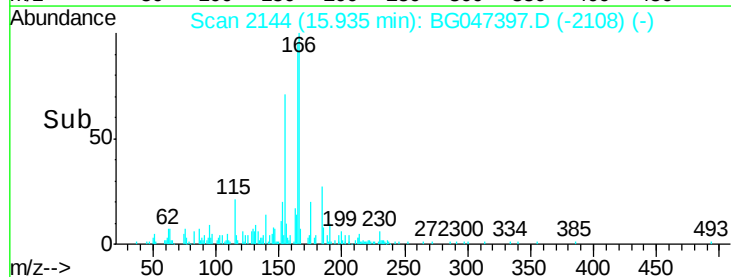
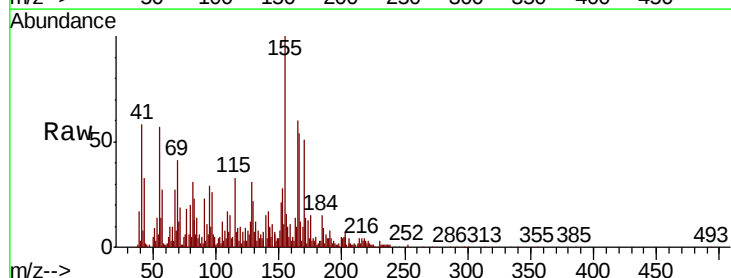
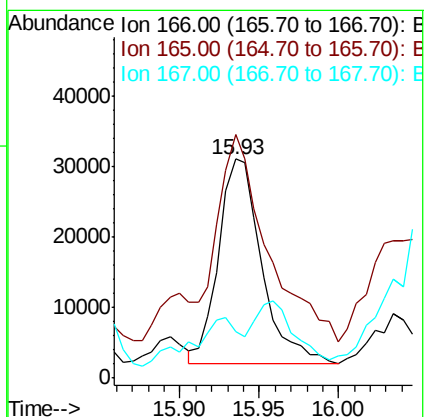
Tgt Ion:166 Resp: 54712

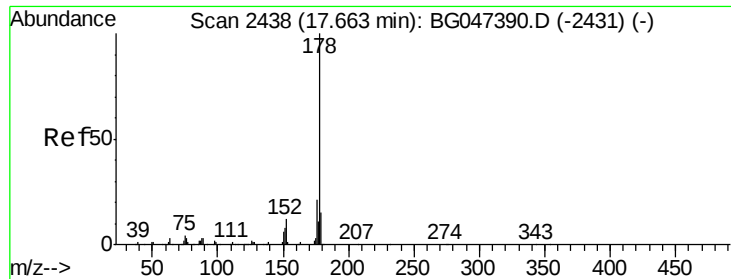
Ion Ratio Lower Upper

166 100

165 111.1 79.0 118.4

167 21.4 10.4 15.6#





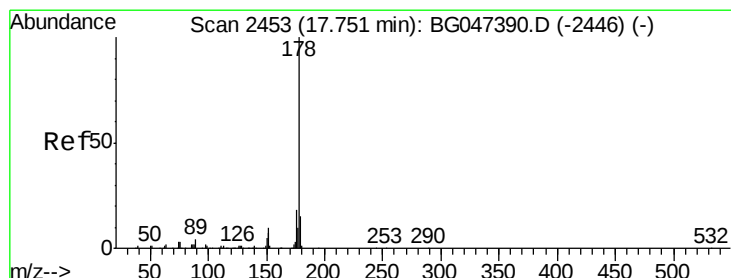
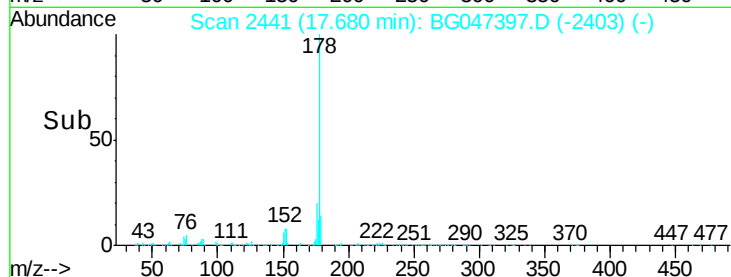
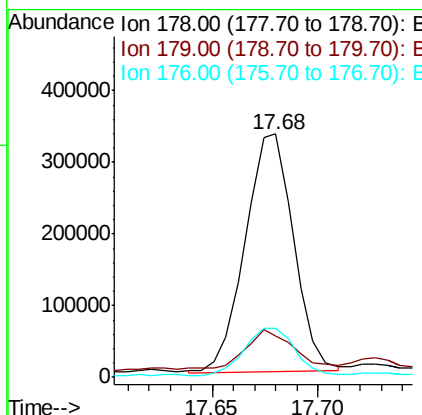
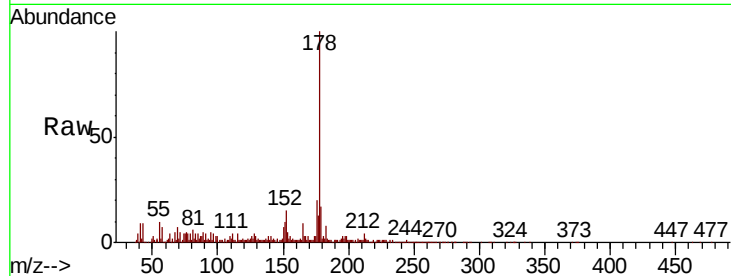
#70
Phenanthrene
Concen: 42.988 ng/ul
RT: 17.68 min Scan# 2441
Delta R.T. 0.02 min
Lab File: BG047397.D
Acq: 21 Nov 2020 14:34

Instrument :
BNA_G
ClientSampleId :
C0AD2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	20.4	15.7	23.5

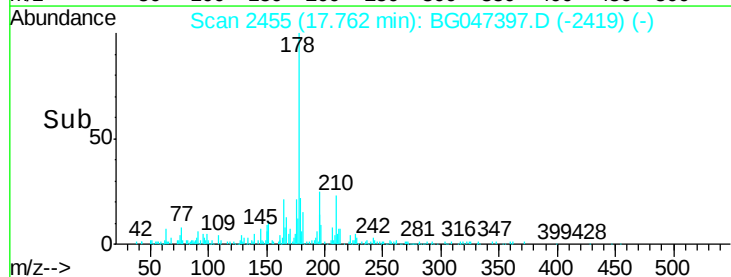
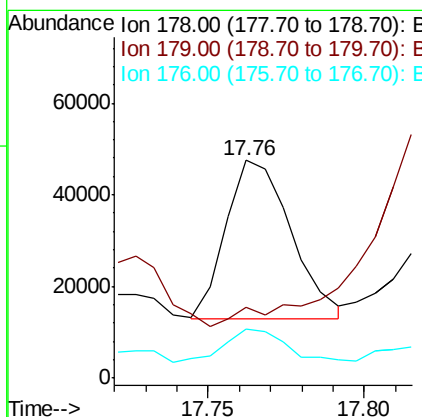
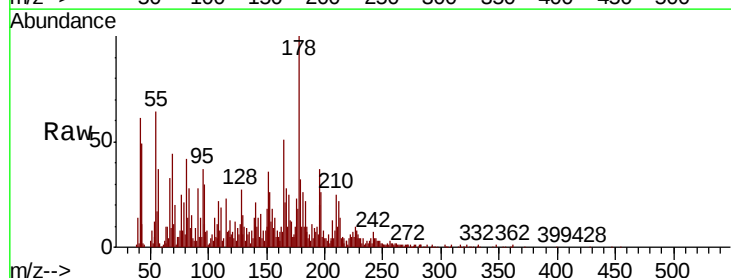
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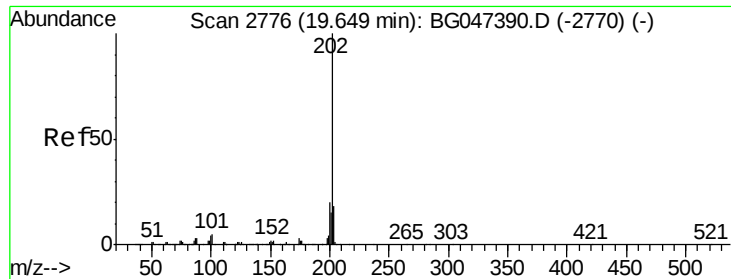
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#72
Anthracene
Concen: 4.078 ng/ul m
RT: 17.76 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BG047397.D
Acq: 21 Nov 2020 14:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	32.2	12.2	18.2#
176	22.7	16.2	24.4





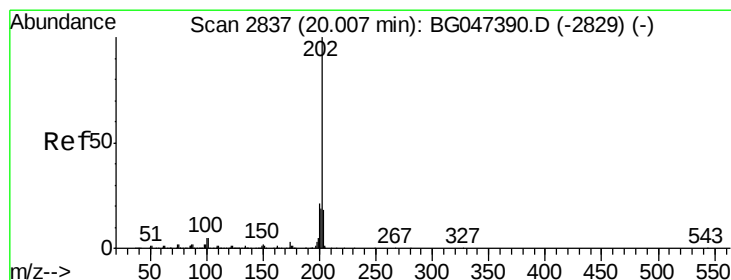
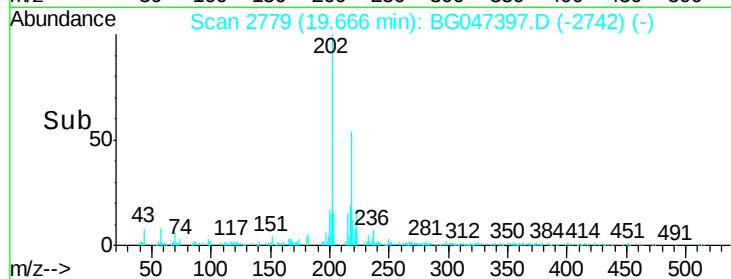
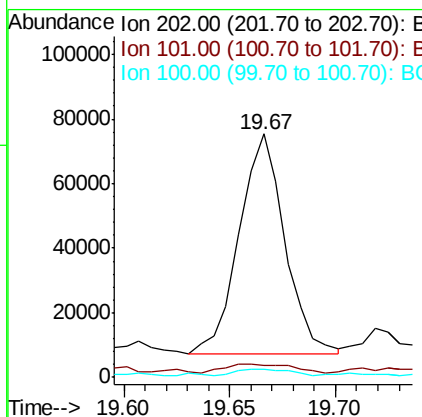
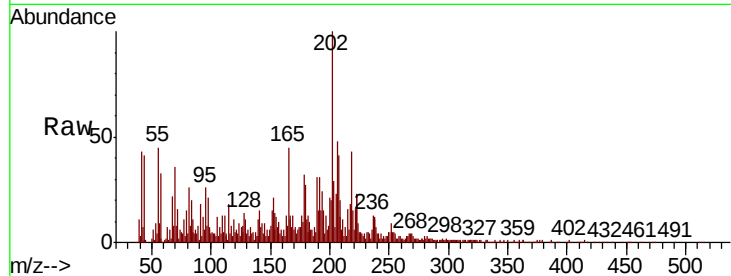
#77
Fluoranthene
Concen: 6.550 ng/ul
RT: 19.67 min Scan# 2779
Delta R.T. 0.02 min
Lab File: BG047397.D
Acq: 21 Nov 2020 14:34

Instrument :
BNA_G
ClientSampleId :
C0AD2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.0	3.3	4.9#
100	3.5	3.4	5.0

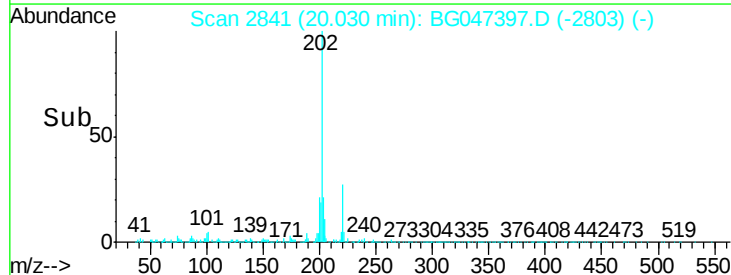
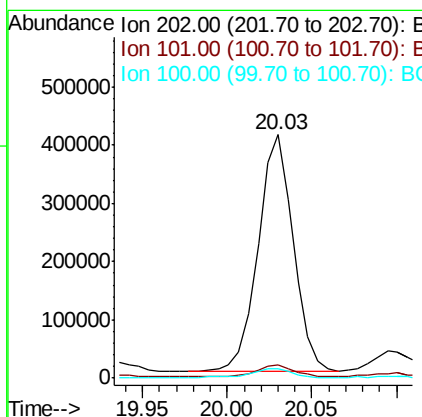
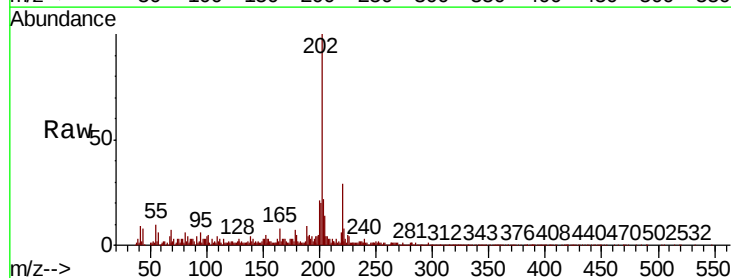
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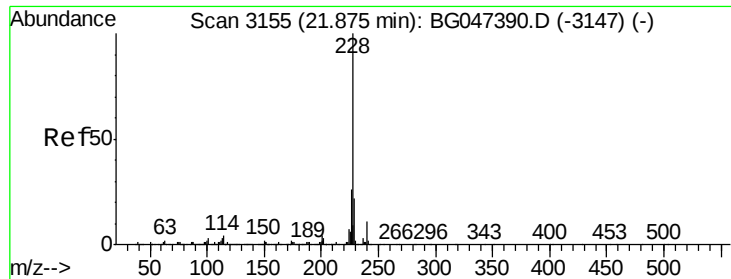
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#80
Pyrene
Concen: 35.650 ng/ul
RT: 20.03 min Scan# 2841
Delta R.T. 0.02 min
Lab File: BG047397.D
Acq: 21 Nov 2020 14:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	5.2	5.0	7.4
100	4.0	4.6	7.0#





#83

Benzo(a)anthracene

Concen: 4.417 ng/ul

RT: 21.90 min Scan# 3160

Delta R.T. 0.02 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

Instrument :

BNA_G

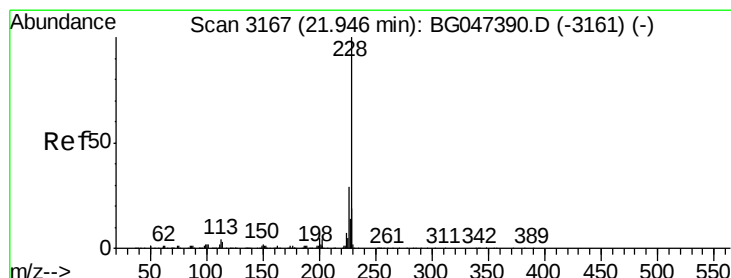
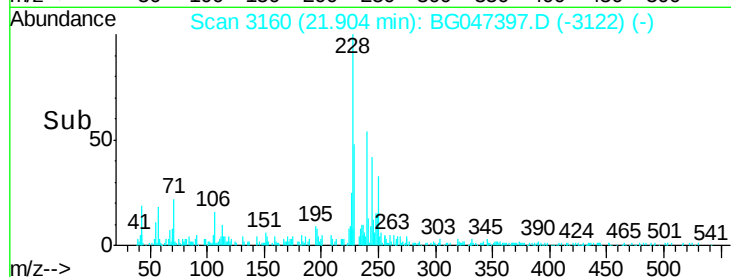
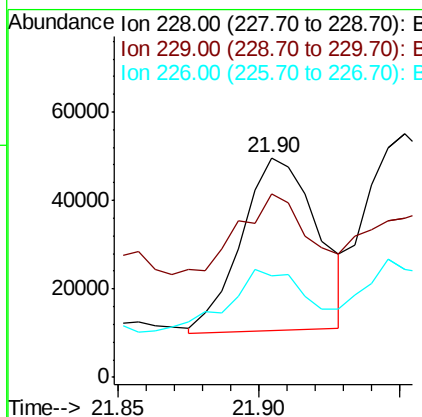
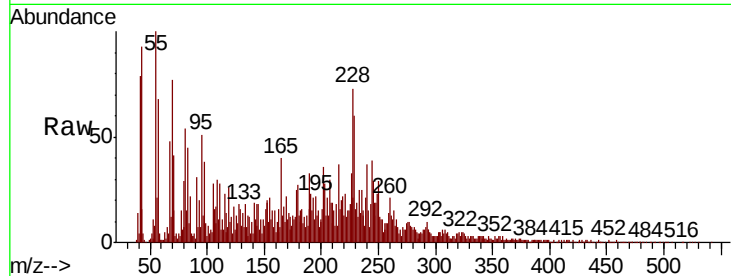
ClientSampleId :

C0AD2DL

Tot Ion:	228	Resp:	73504
Ion Ratio	Lower	Upper	
228	100		
229	83.3	16.2	24.2#
226	46.0	23.3	34.9#

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#85

Chrysene

Concen: 5.175 ng/ul

RT: 21.97 min Scan# 3172

Delta R.T. 0.03 min

Lab File: BG047397.D

Acq: 21 Nov 2020 14:34

Tgt Ion:	228	Resp:	81960
Ion Ratio	Lower	Upper	
228	100		
226	42.6	23.8	35.6#
229	49.0	16.3	24.5#

