

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
 Data File : BG047332.D
 Acq On : 16 Nov 2020 16:16
 Operator : CG/JU
 Sample : L4762-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC3

Manual Integrations
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Quant Time: Nov 16 16:59:16 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	59265	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	218163	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	164752	20.00	ng/ul	0.03
62) Phenanthrene-d10	17.42	188	302494	20.00	ng/ul	0.03
78) Chrysene-d12	21.71	240	373488	20.00	ng/ul	0.06
86) Perylene-d12	25.02	264	350141m	20.00	ng/ul	0.17

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	6430	4.38	ng/uL	0.01
5) Phenol-d5	7.18	99	137742	26.78	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	78205	26.43	ng/ul	0.01
9) 2-Chlorophenol-d4	7.55	132	112198	28.05	ng/ul	0.01
13) 4-Methylphenol-d8	8.73	113	108867	26.53	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	54646	29.88	ng/ul	0.01
22) 2-Nitrophenol-d4	9.91	143	54856	25.68	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.46	165	115499	27.71	ng/ul	0.02
29) 4-Chloroaniline-d4	10.95	131	381187	107.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	333063	24.59	ng/ul	0.03
47) Acenaphthylene-d8	14.37	160	384559	23.99	ng/ul	0.03
52) 4-Nitrophenol-d4	14.89	143	89620	42.03	ng/ul	0.04
58) Fluorene-d10	15.67	176	277243	22.04	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.77	200	9313	4.46	ng/ul	0.01
71) Anthracene-d10	17.52	188	421093	28.72	ng/ul	0.04
79) Pyrene-d10	19.82	212	510999	23.99	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.79	264	553432m	28.75	ng/ul	0.16

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
24) 2,4-Dimethylphenol	10.04	107	19611m	4.404	ng/ul	
28) Naphthalene	10.89	128	397787	32.456	ng/ul#	90
34) 2-Methylnaphthalene	12.50	142	1906714	218.056	ng/ul	98
41) 1,1'-Biphenyl	13.50	154	229885	17.686	ng/ul	94
45) Dimethylphthalate	14.11	163	110754	8.147	ng/ul#	61
48) Acenaphthylene	14.40	152	108597	7.243	ng/ul#	1
50) Acenaphthene	14.73	153	302042	27.844	ng/ul#	90
54) Dibenzofuran	15.07	168	272088	17.236	ng/ul#	21
59) Fluorene	15.73	166	395031	30.487	ng/ul#	90
70) Phenanthrene	17.48	178	2991086	176.299	ng/ul#	83
72) Anthracene	17.56	178	359217	21.069	ng/ul#	84
75) Carbazole	17.83	167	55792	4.260	ng/ul#	1
77) Fluoranthene	19.48	202	430682	21.091	ng/ul#	94
80) Pyrene	19.85	202	2136048	83.574	ng/ul#	97
83) Benzo(a)anthracene	21.70	228	318524	12.589	ng/ul#	31
85) Chrysene	21.76	228	695519	28.572	ng/ul#	66
88) Benzo(b)fluoranthene	23.96	252	151015m	6.493	ng/ul	
89) Benzo(k)fluoranthene	24.01	252	43314m	1.922	ng/ul	
91) Benzo(a)pyrene	24.86	252	172398m	8.231	ng/ul	
94) Benzo(g,h,i)perylene	29.92	276	80059m	3.680	ng/ul	

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

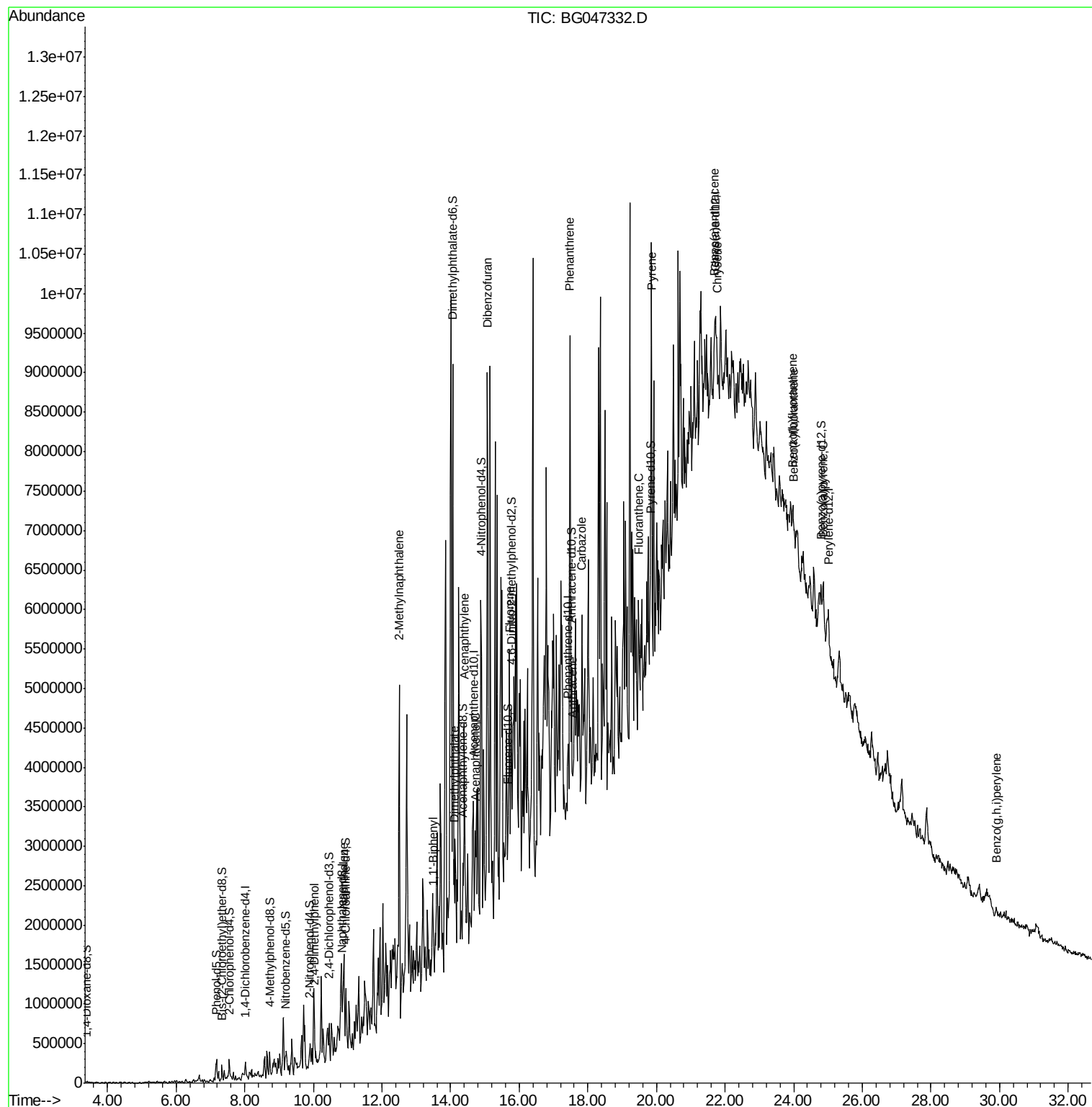
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047332.D
Acq On : 16 Nov 2020 16:16
Operator : CG/JU
Sample : L4762-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

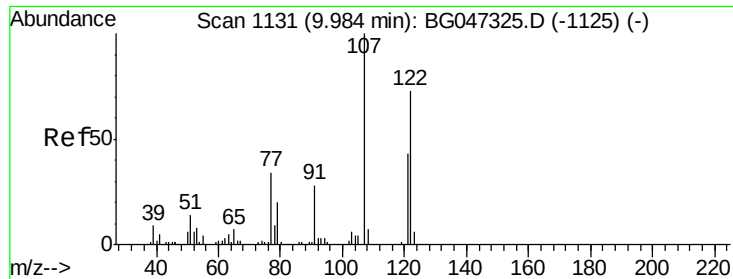
Instrument :
BNA_G
ClientSampled :
C0AC3

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Quant Time: Nov 16 16:59:16 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





#24

2,4-Dimethylphenol

Concen: 4.404 ng/ul m

RT: 10.04 min Scan# 1140

Delta R.T. 0.06 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Instrument :

BNA_G

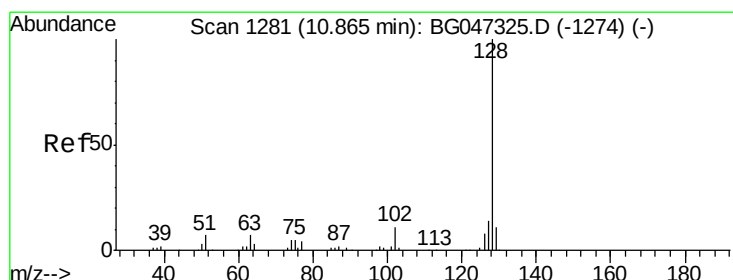
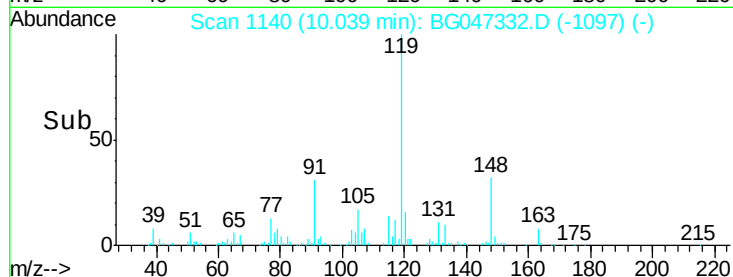
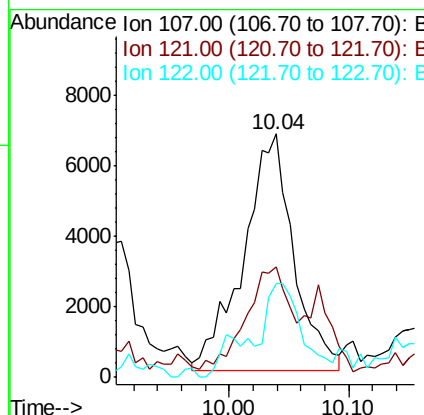
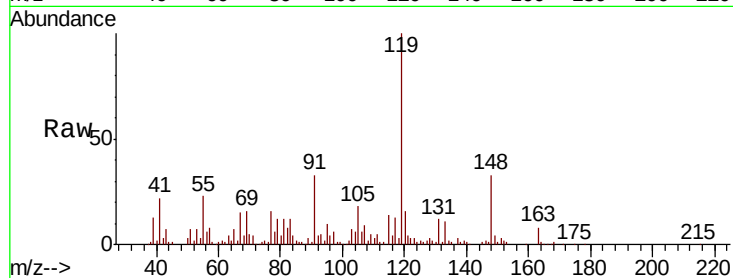
ClientSampleId :

C0AC3

Tot Ion:	107	Resp:	19611
Ion Ratio	Lower	Upper	
107	100		
121	45.6	40.4	60.6
122	38.8	63.0	94.4#

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#28

Naphthalene

Concen: 32.456 ng/ul

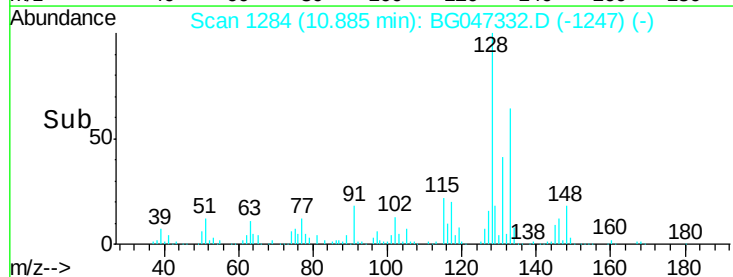
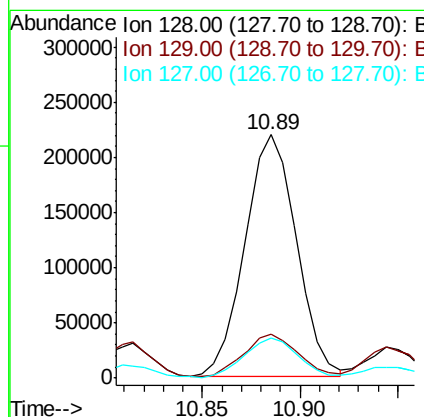
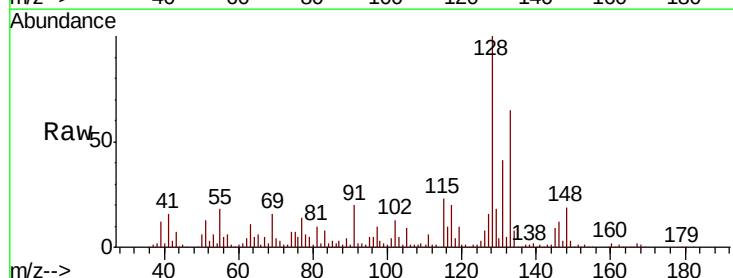
RT: 10.89 min Scan# 1284

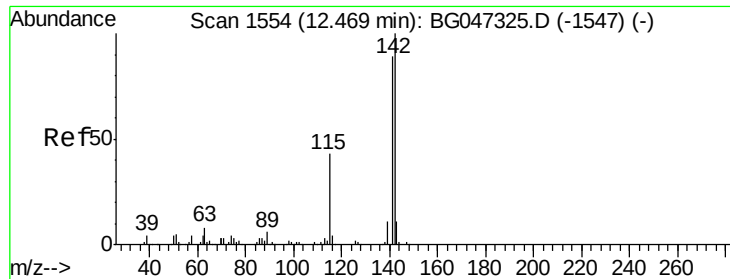
Delta R.T. 0.02 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Tgt Ion:	128	Resp:	397787
Ion Ratio	Lower	Upper	
128	100		
129	17.9	9.4	14.2#
127	16.4	11.5	17.3





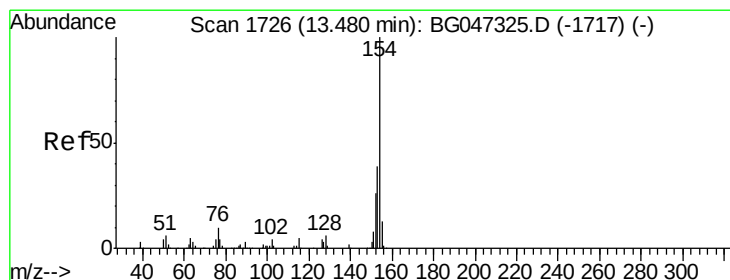
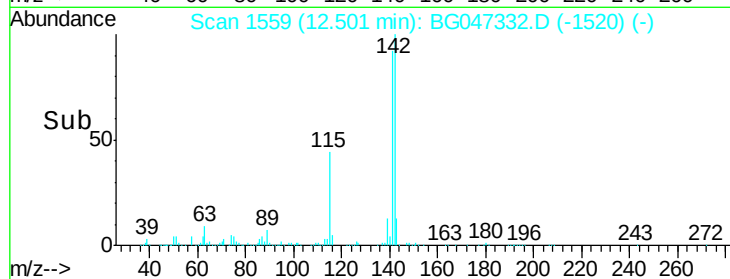
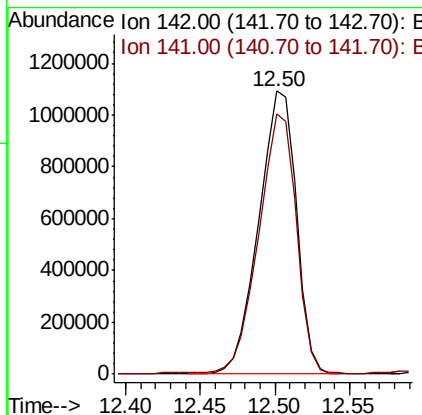
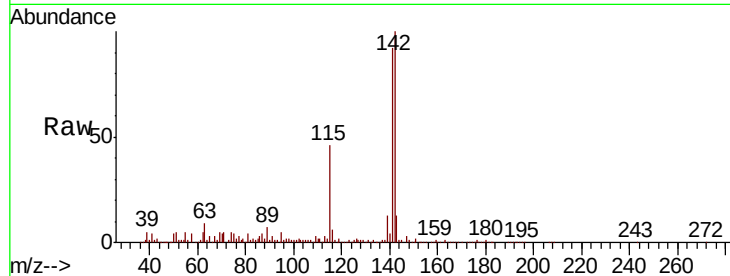
#34
 2-Methylnaphthalene
 Concen: 218.056 ng/ul
 RT: 12.50 min Scan# 1559
 Delta R.T. 0.03 min
 Lab File: BG047332.D
 Acq: 16 Nov 2020 16:16

Instrument :
 BNA_G
 ClientSampleId :
 C0AC3

Tot Ion:142 Resp: 1906714
 Ion Ratio Lower Upper
 142 100
 141 92.0 72.4 108.6

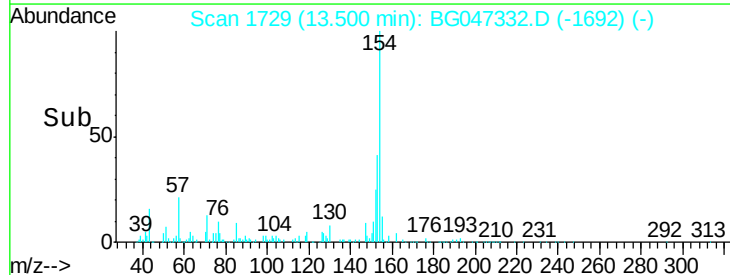
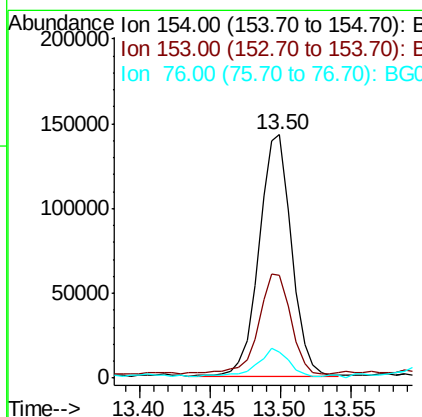
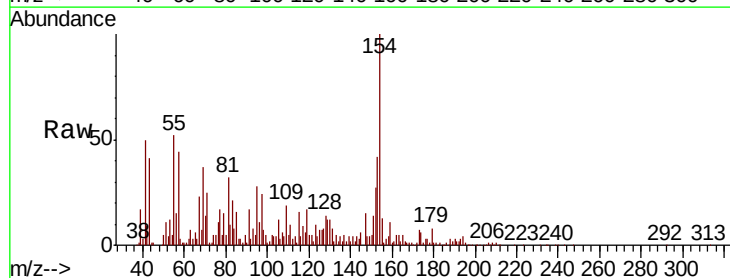
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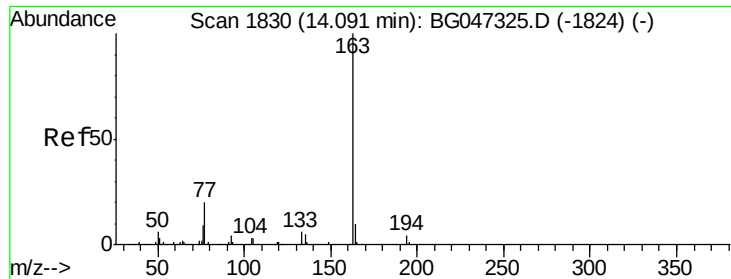
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#41
 1,1'-Biphenyl
 Concen: 17.686 ng/ul
 RT: 13.50 min Scan# 1729
 Delta R.T. 0.02 min
 Lab File: BG047332.D
 Acq: 16 Nov 2020 16:16

Tgt Ion:154 Resp: 229885
 Ion Ratio Lower Upper
 154 100
 153 42.2 30.2 45.4
 76 10.8 7.8 11.6





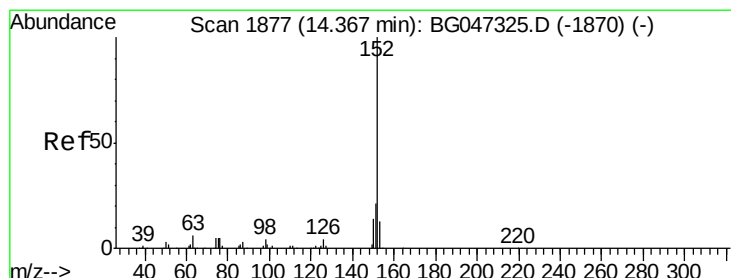
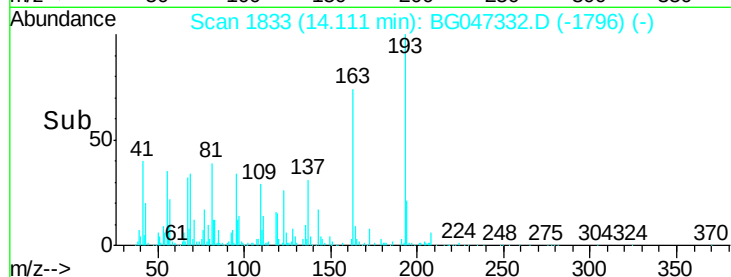
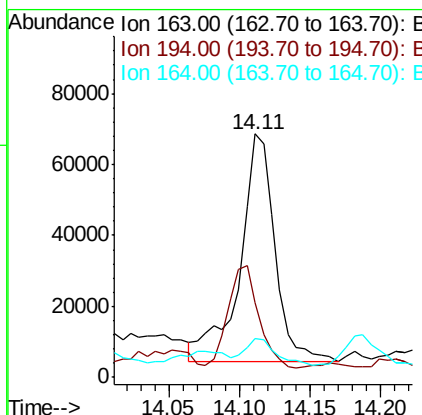
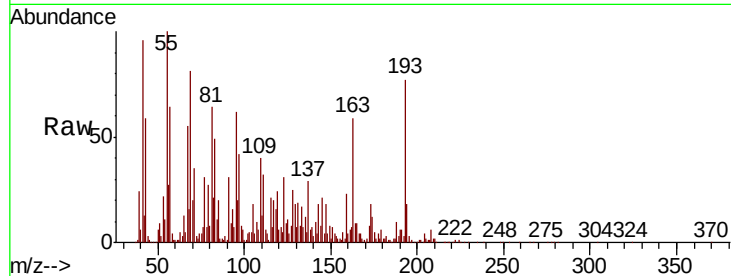
#45
Dimethylphthalate
Concen: 8.147 ng/ul
RT: 14.11 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	30.4	3.4	5.0#		
164	16.0	7.2	10.8#		

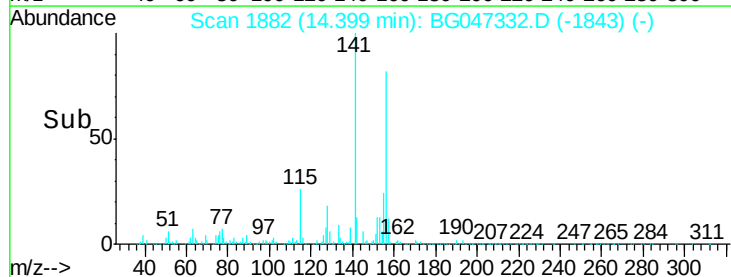
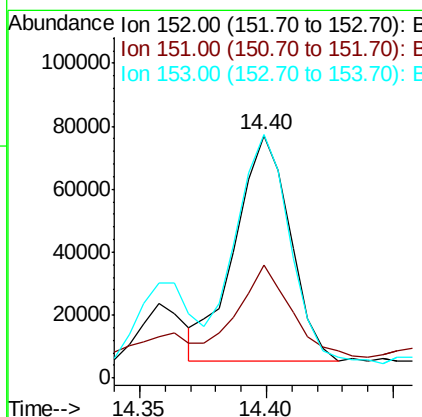
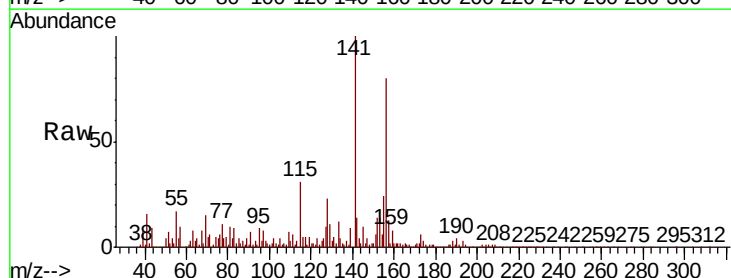
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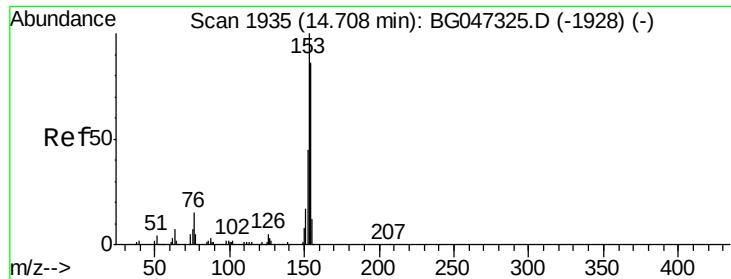
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#48
Acenaphthylene
Concen: 7.243 ng/ul
RT: 14.40 min Scan# 1882
Delta R.T. 0.03 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	46.5	17.4	26.2#		
153	100.3	10.2	15.4#		





#50

Acenaphthene

Concen: 27.844 ng/ul

RT: 14.73 min Scan# 1939

Delta R.T. 0.03 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Instrument :

BNA_G

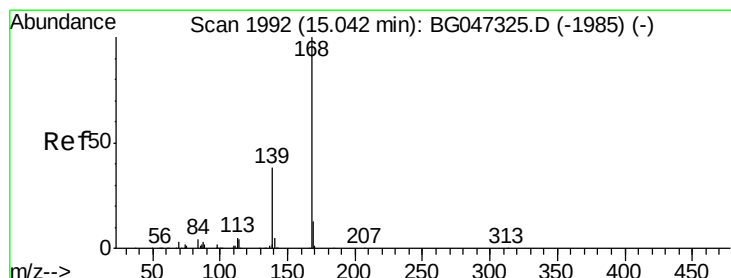
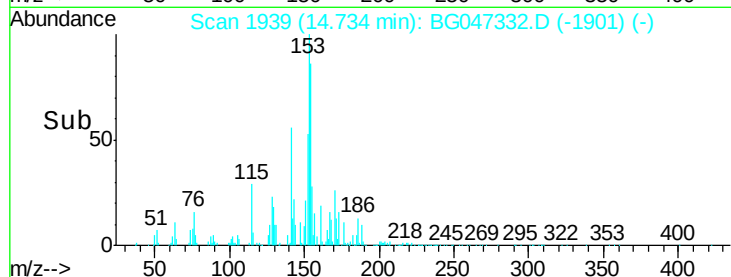
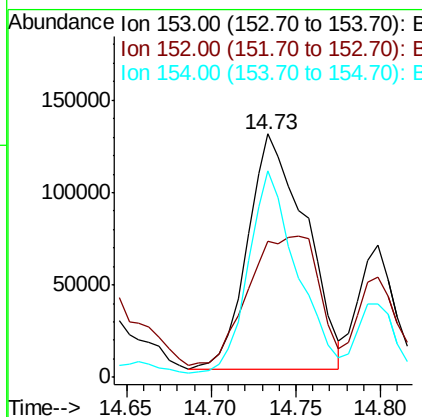
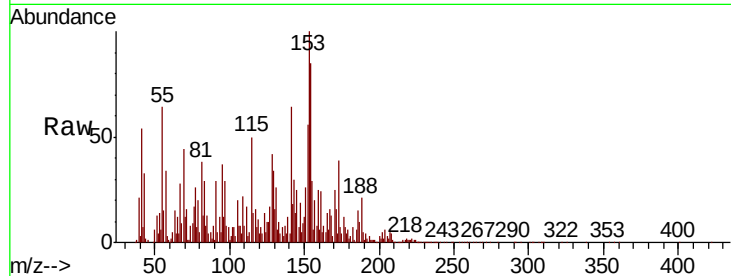
ClientSampled :

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Tot Ion:	153	Resp:	302042
Ion Ratio	Lower	Upper	
153	100		
152	55.8	37.0	55.4#
154	84.6	74.0	111.0

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#54

Dibenzofuran

Concen: 17.236 ng/ul

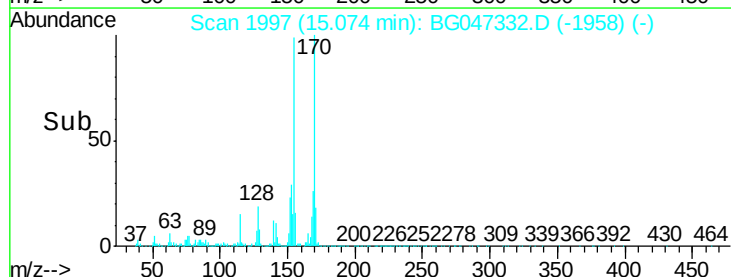
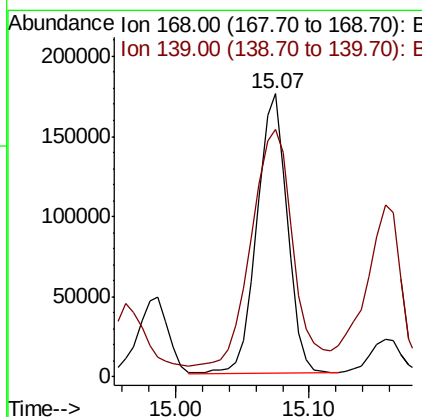
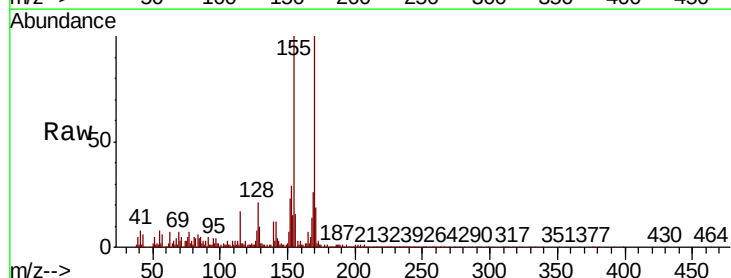
RT: 15.07 min Scan# 1997

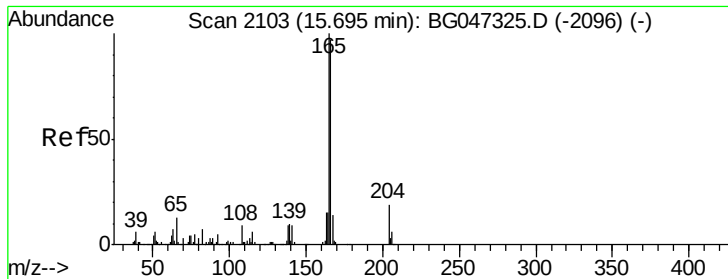
Delta R.T. 0.03 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Tgt Ion:	168	Resp:	272088
Ion Ratio	Lower	Upper	
168	100		
139	87.6	31.5	47.3#





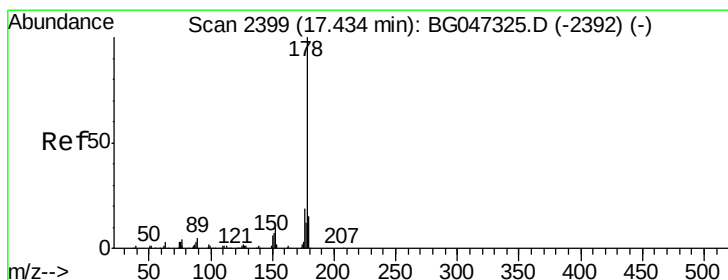
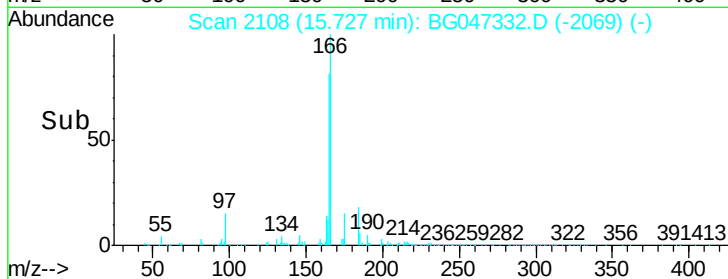
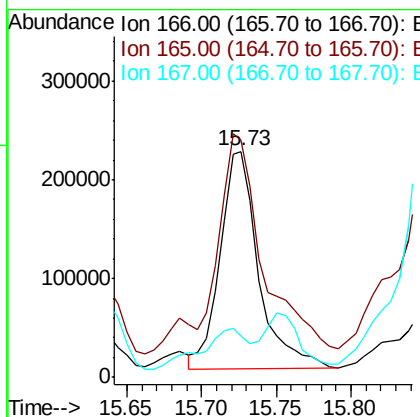
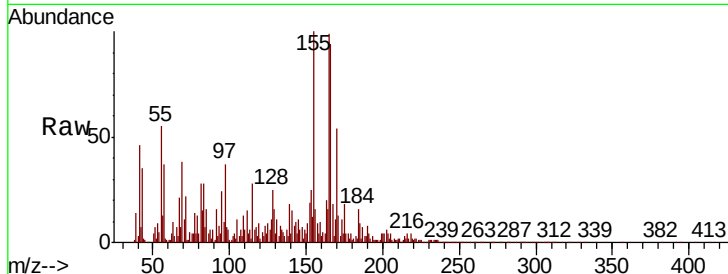
#59
Fluorene
Concen: 30.487 ng/ul
RT: 15.73 min Scan# 2108
Delta R.T. 0.03 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Instrument :
BNA_G
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.7	76.2	114.4
167	18.5	10.4	15.6

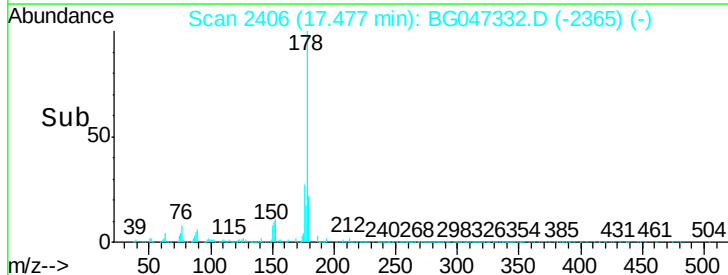
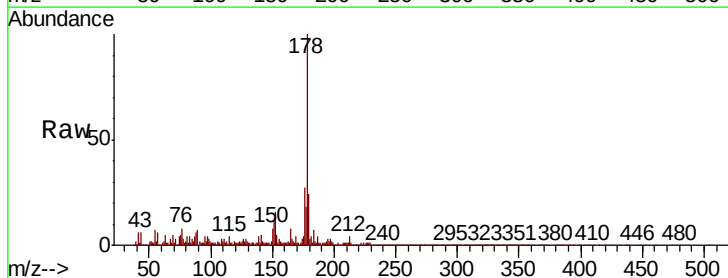
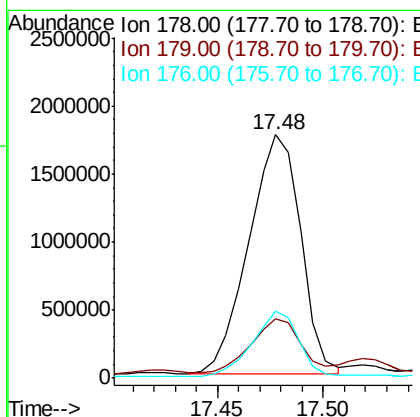
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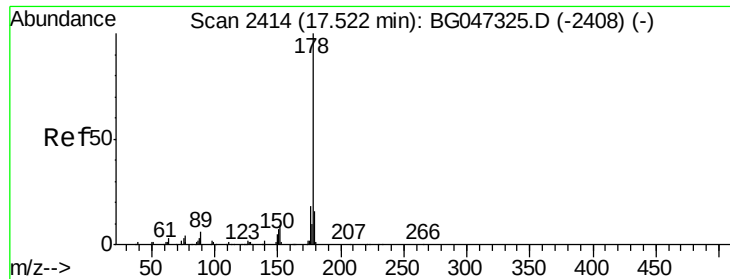
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#70
Phenanthrene
Concen: 176.299 ng/ul
RT: 17.48 min Scan# 2406
Delta R.T. 0.04 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.2	12.2	18.4
176	27.3	16.5	24.7





#72

Anthracene

Concen: 21.069 ng/ul

RT: 17.56 min Scan# 2420

Delta R.T. 0.04 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Instrument :

BNA_G

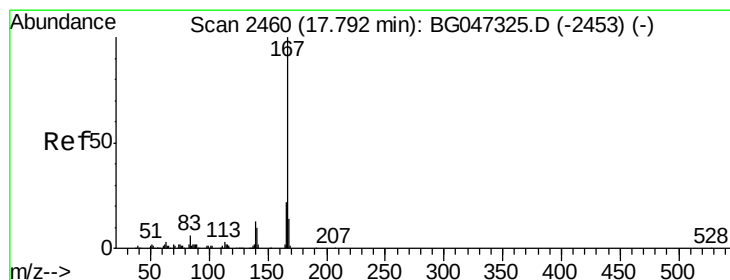
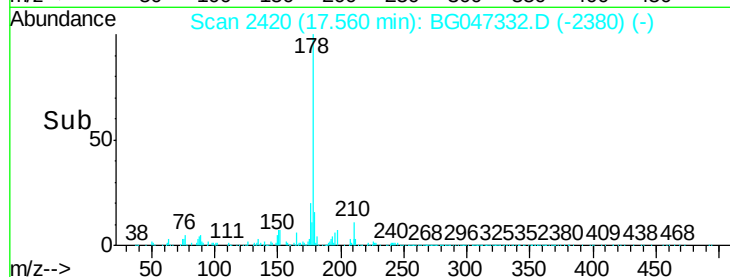
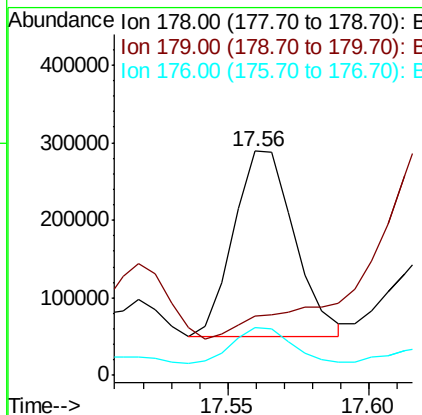
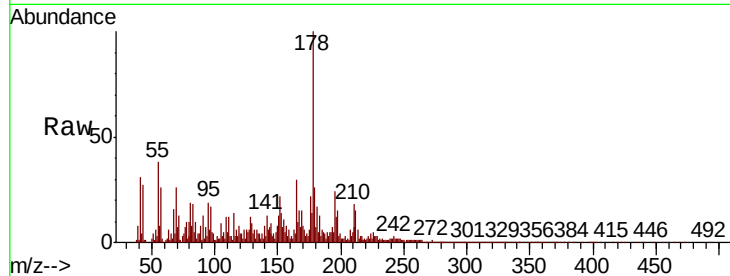
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
178	100			
179	26.2	12.4	18.6#	
176	21.5	14.4	21.6	

Manual Integrations
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#75

Carbazole

Concen: 4.260 ng/ul

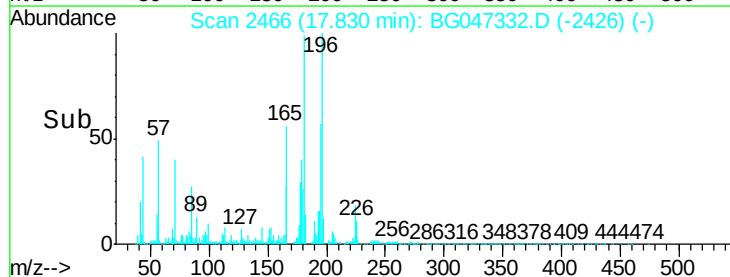
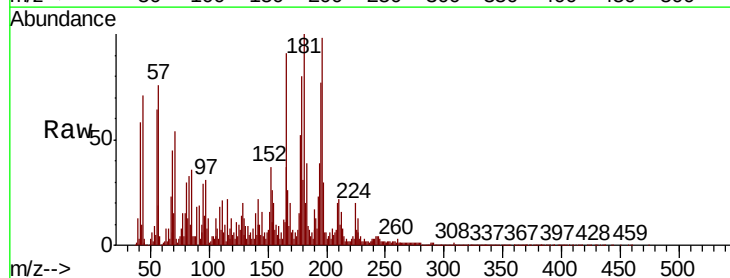
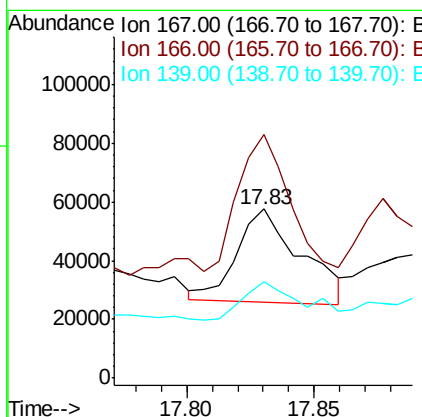
RT: 17.83 min Scan# 2466

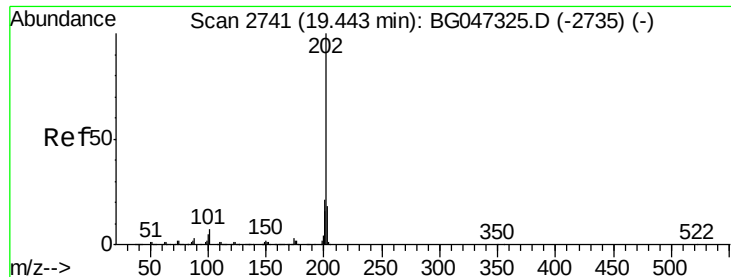
Delta R.T. 0.04 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	144.0	17.4	26.0#	
139	57.1	10.5	15.7#	





#77

Fluoranthene

Concen: 21.091 ng/ul

RT: 19.48 min Scan# 2747

Delta R.T. 0.04 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Instrument :

BNA_G

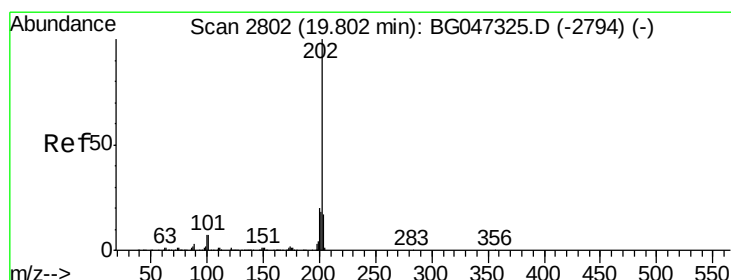
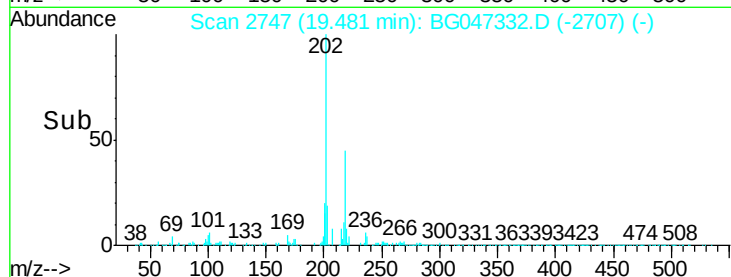
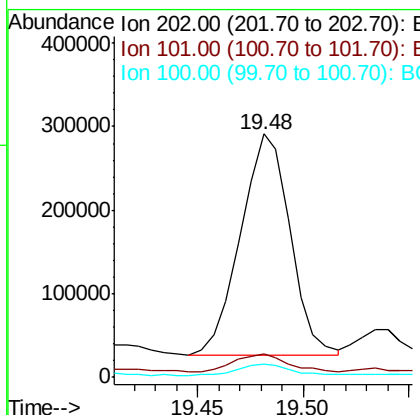
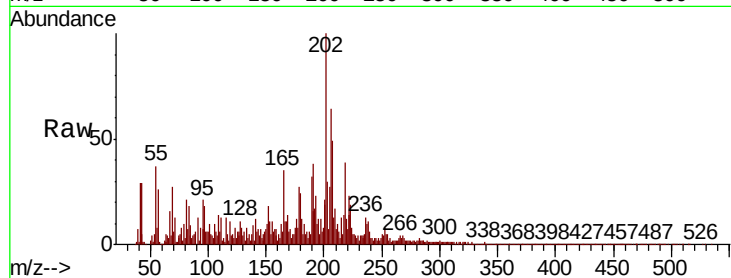
ClientSampleId :

C0AC3

Tot Ion:	202	Resp:	430682
Ion Ratio	Lower	Upper	
202	100		
101	9.8	5.0	7.6#
100	5.6	4.2	6.2

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#80

Pyrene

Concen: 83.574 ng/ul

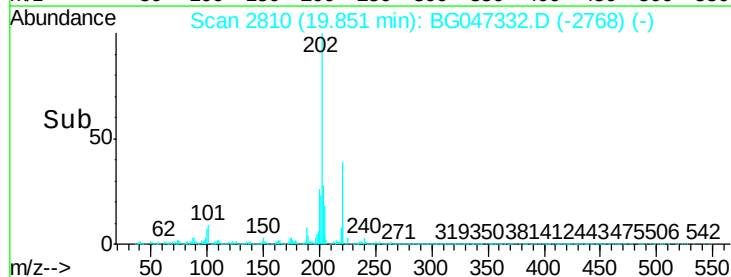
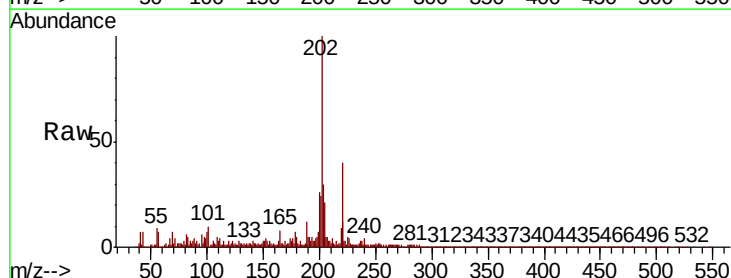
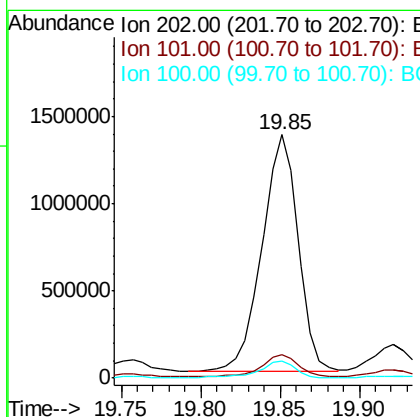
RT: 19.85 min Scan# 2810

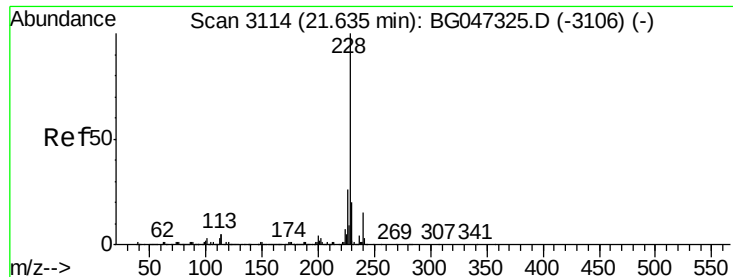
Delta R.T. 0.05 min

Lab File: BG047332.D

Acq: 16 Nov 2020 16:16

Tgt Ion:	202	Resp:	2136048
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.5	9.7#
100	7.2	5.7	8.5





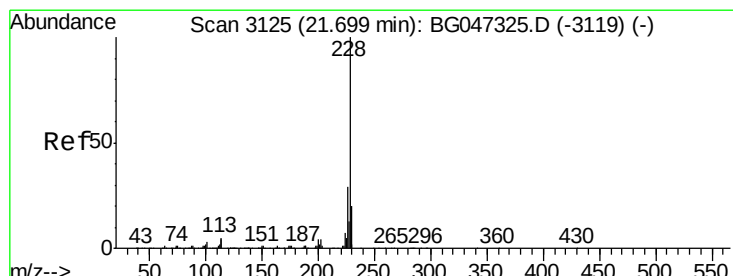
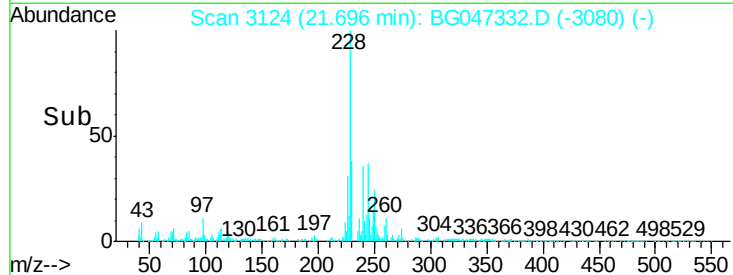
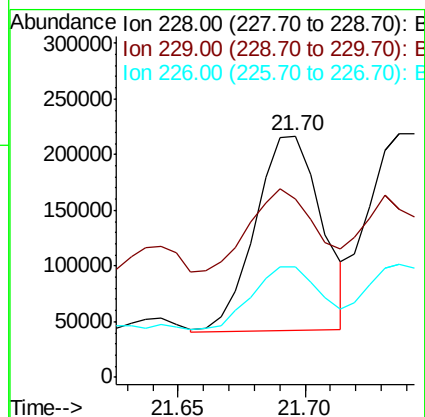
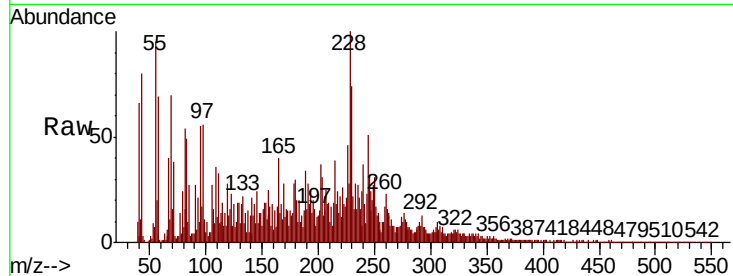
#83
Benzo(a)anthracene
Concen: 12.589 ng/ul
RT: 21.70 min Scan# 3124
Delta R.T. 0.06 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Instrument :
BNA_G
ClientSampled :
C0AC3

Tot Ion	Ratio	Lower	Upper
228	100		
229	74.0	15.1	22.7#
226	45.7	22.7	34.1#

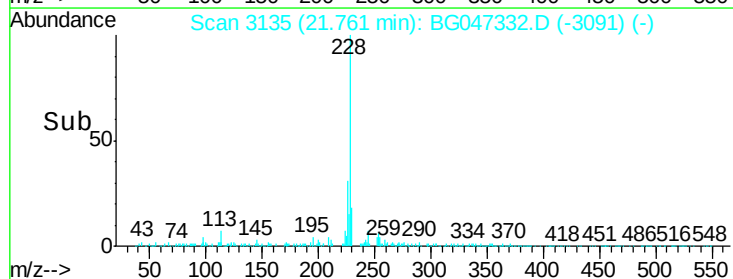
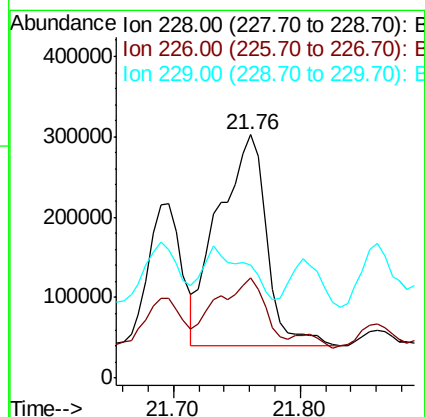
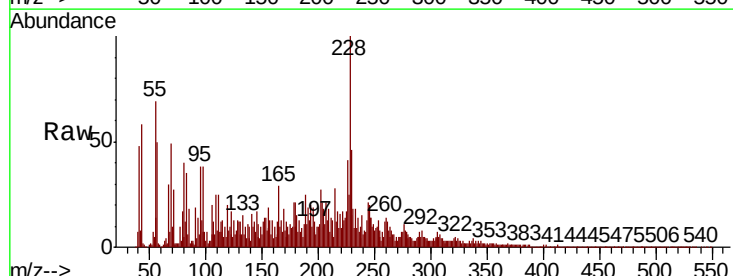
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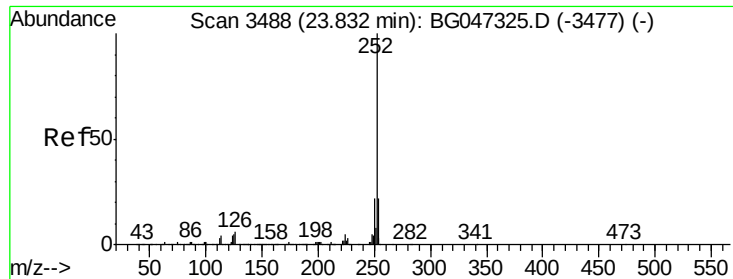
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#85
Chrysene
Concen: 28.572 ng/ul
RT: 21.76 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.0	24.6	36.8#
229	46.4	15.8	23.8#





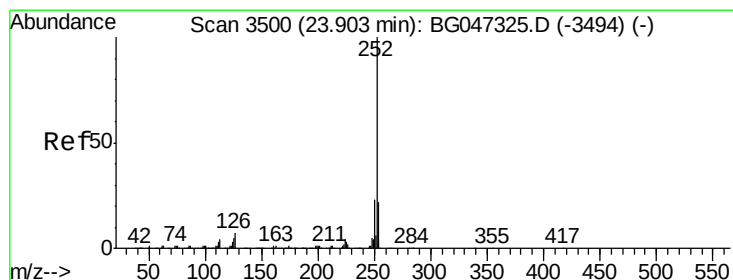
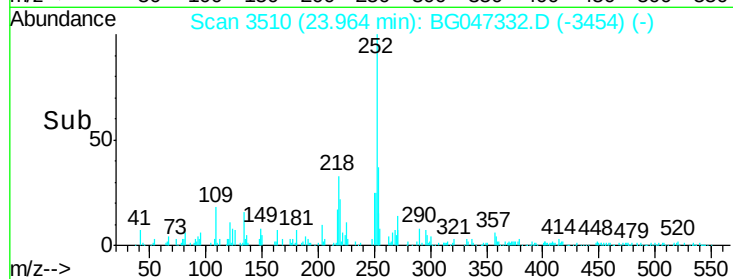
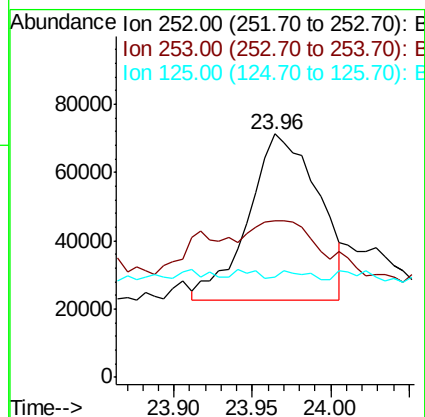
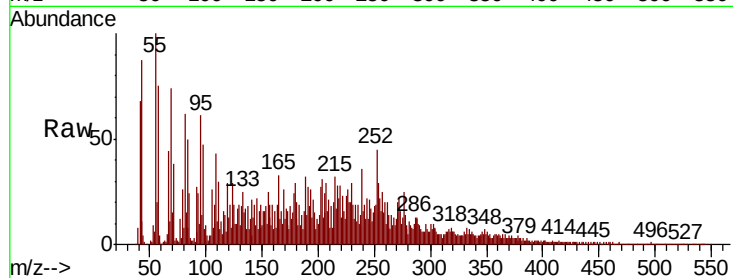
#88
Benzo(b)fluoranthene
Concen: 6.493 ng/ul m
RT: 23.96 min Scan# 3510
Delta R.T. 0.13 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Instrument :
BNA_G
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	64.5	18.0	27.0#
125	41.4	3.7	5.5#

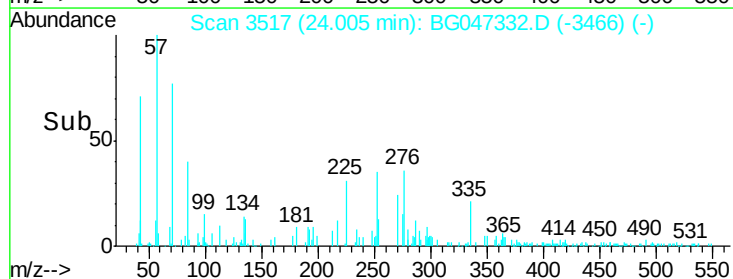
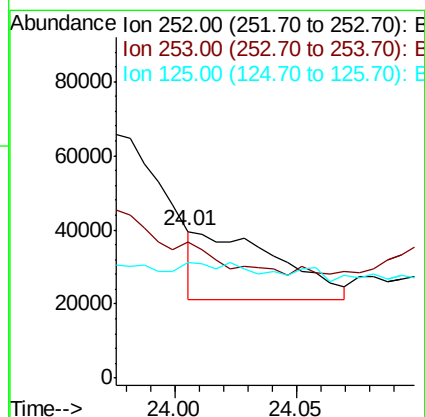
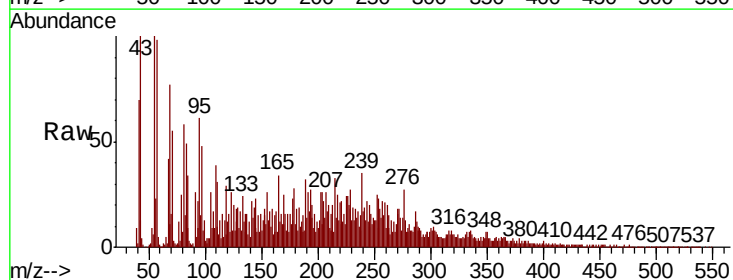
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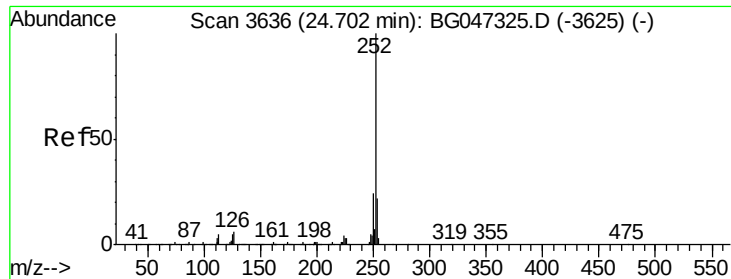
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#89
Benzo(k)fluoranthene
Concen: 1.922 ng/ul m
RT: 24.01 min Scan# 3517
Delta R.T. 0.10 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	93.0	18.2	27.4#
125	79.4	4.6	7.0#





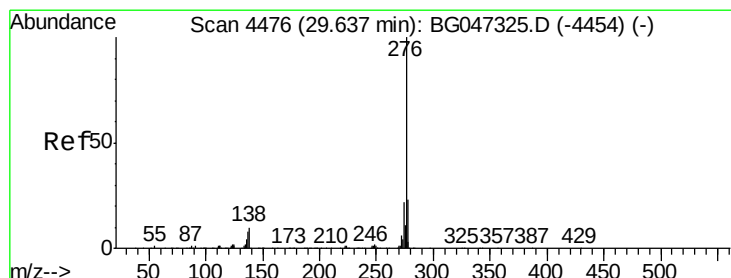
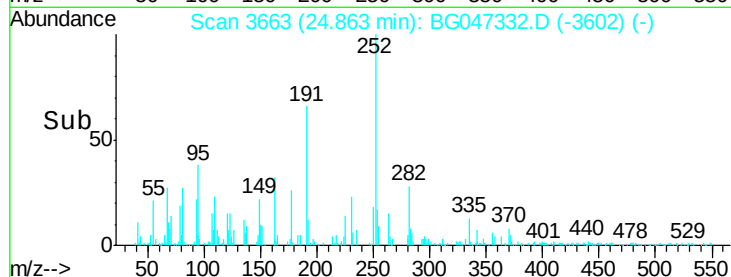
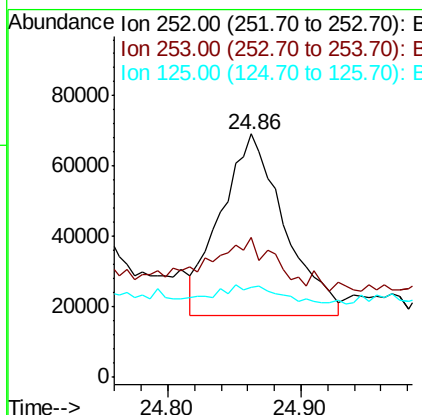
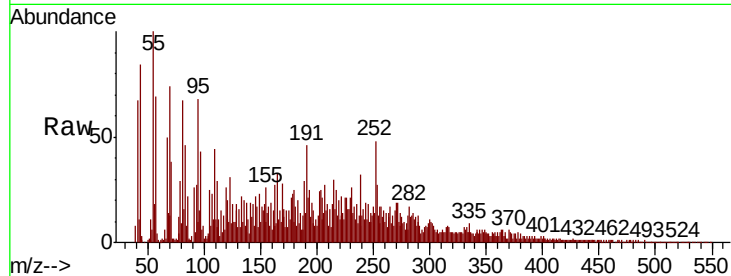
#91
Benzo(a)pyrene
Concen: 8.231 ng/ul m
RT: 24.86 min Scan# 3663
Delta R.T. 0.16 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Instrument :
BNA_G
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	57.2	17.8	26.6#
125	37.0	4.2	6.4#

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#94
Benzo(g,h,i)perylene
Concen: 3.680 ng/ul m
RT: 29.92 min Scan# 4523
Delta R.T. 0.28 min
Lab File: BG047332.D
Acq: 16 Nov 2020 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	9.0	13.6#
277	50.7	19.2	28.8#

