

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
 Data File : BG050579.D
 Acq On : 13 Oct 2021 20:56
 Operator : CG/JU
 Sample : M4180-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NYPD-69TH-WC-1

Manual Integrations
 APPROVED

mohammad
 10/14/2021 10:54:28 AM

Quant Time: Oct 14 03:05:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	43639	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	182868	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	125817	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	278996	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	250351	20.00	ng	# 0.00
86) Perylene-d12	25.327	264	249648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	307973	105.54	ng	0.00
7) Phenol-d6	7.395	99	427588	101.21	ng	0.00
23) Nitrobenzene-d5	9.428	82	297452	67.33	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	125018	104.18	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	512072	61.25	ng	0.00
79) Terphenyl-d14	20.203	244	770341	59.97	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.132	128	117624	12.02	ng	96
37) 2-Methylnaphthalene	12.718	142	92488	13.69	ng	95
38) 1-Methylnaphthalene	12.935	142	54368	8.30	ng	93
71) Phenanthrene	17.659	178	86211	5.86	ng	97
75) Fluoranthene	19.657	202	81745	4.52	ng	93
78) Pyrene	20.015	202	84915	4.78	ng	98
81) Benzo(a)anthracene	21.895	228	44733	2.70	ng	97
83) Chrysene	21.960	228	43229m	2.77	ng	
87) Indeno(1,2,3-cd)pyrene	29.234	276	40134	2.31	ng	# 55
88) Benzo(b)fluoranthene	24.240	252	63777	4.17	ng	# 91
90) Benzo(a)pyrene	25.162	252	49800	3.83	ng	# 95
92) Benzo(g,h,i)perylene	30.468	276	42733	3.03	ng	# 87

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

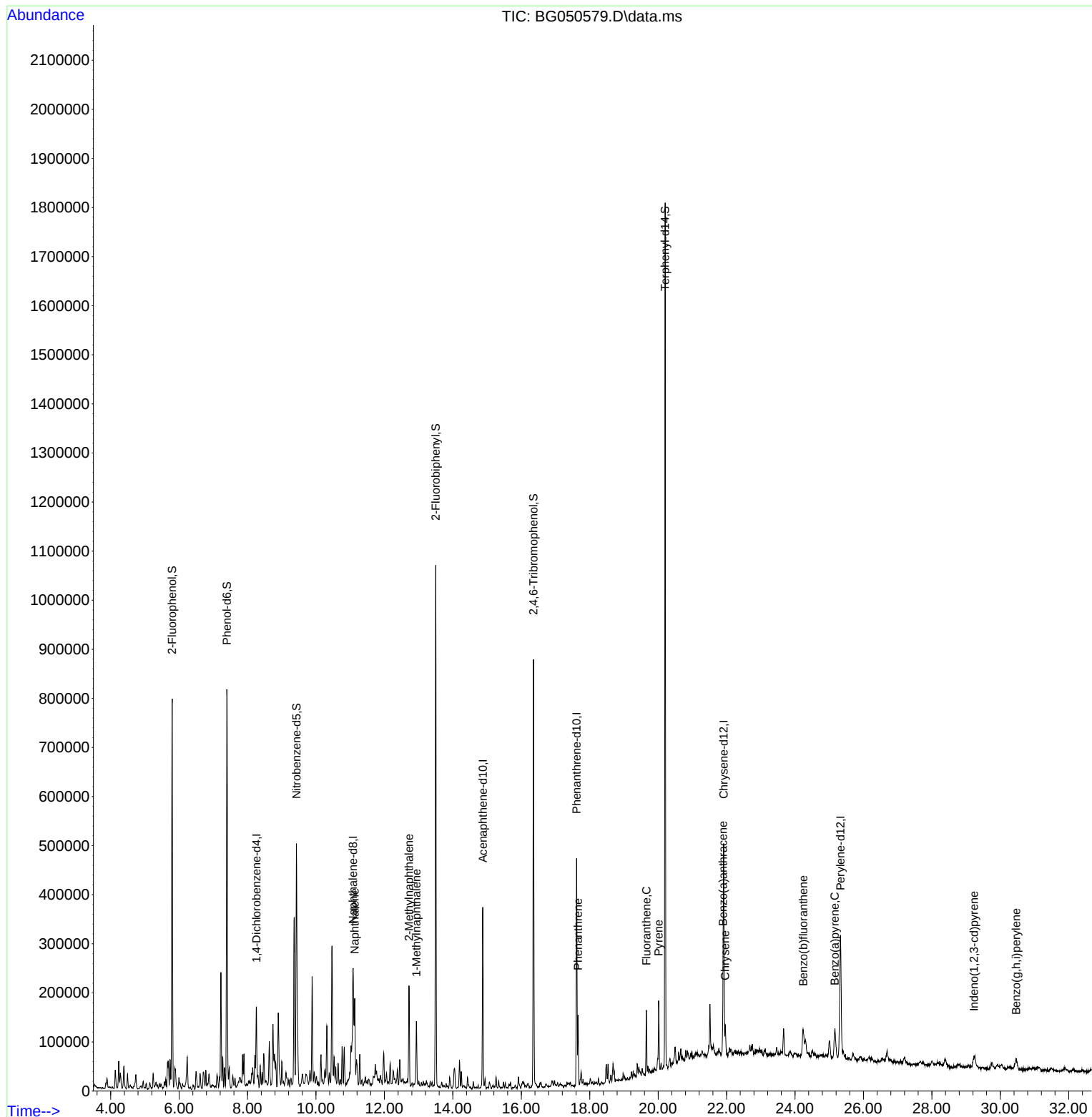
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050579.D
Acq On : 13 Oct 2021 20:56
Operator : CG/JU
Sample : M4180-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

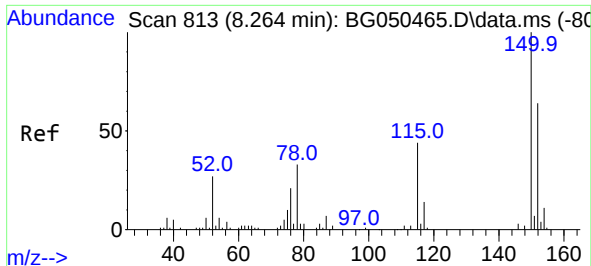
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

Manual Integrations
APPROVED

mohammad
10/14/2021 10:54:28 AM

Quant Time: Oct 14 03:05:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration





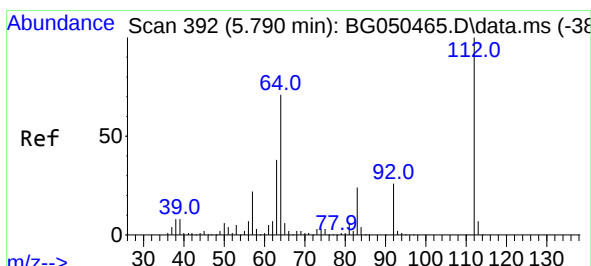
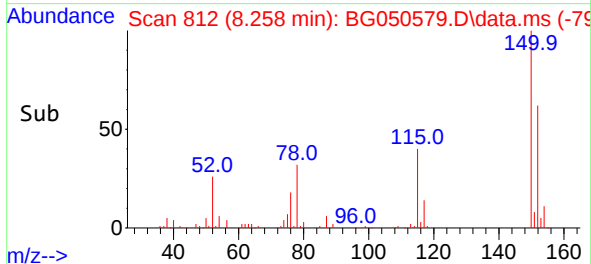
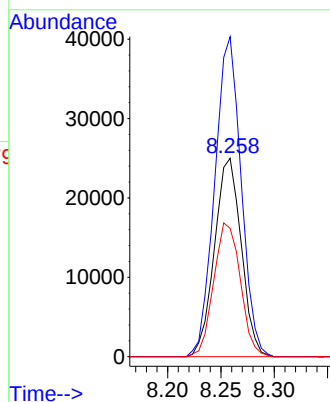
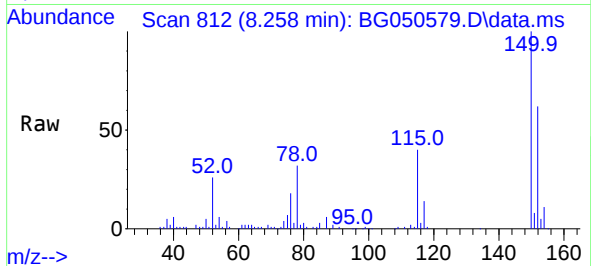
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:152 Resp: 43639
Ion Ratio Lower Upper
152 100
150 161.3 119.4 179.0
115 64.7 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

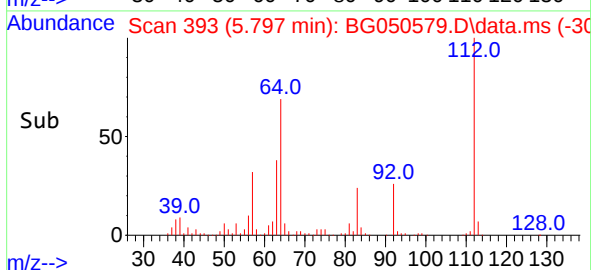
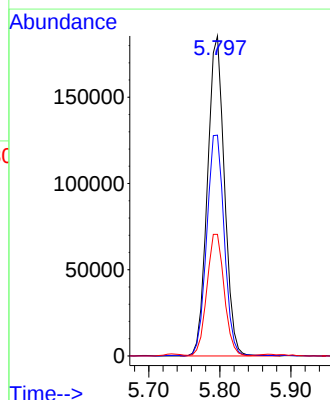
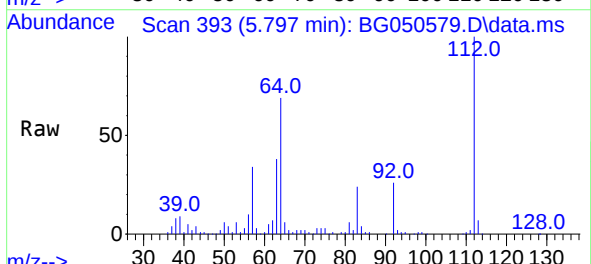
Manual Integrations
APPROVED

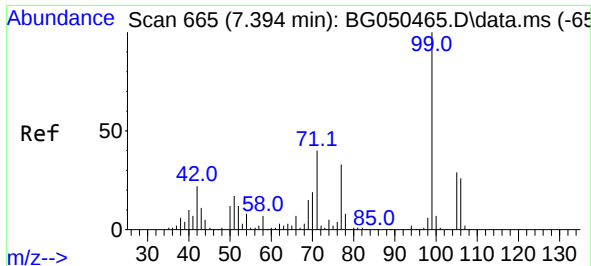
mohammad
10/14/2021 10:54:28 AM



#5
2-Fluorophenol
Concen: 105.54 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:112 Resp: 307973
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 38.0 35.3 52.9





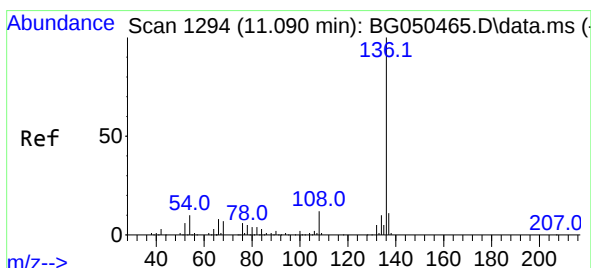
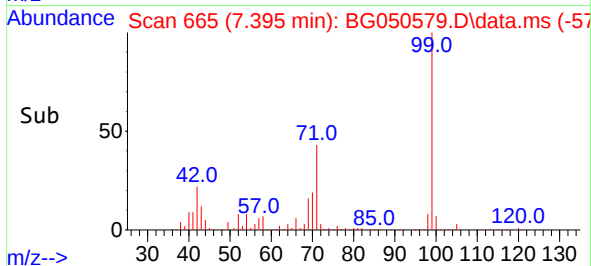
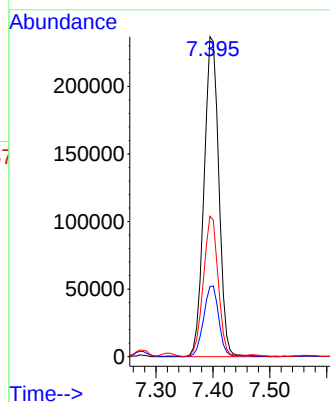
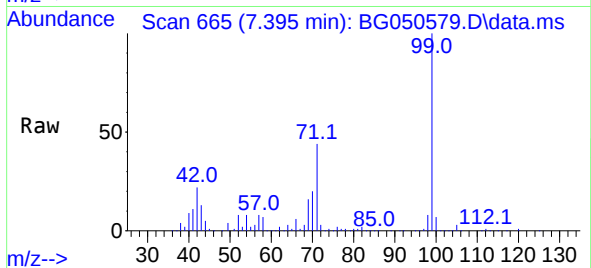
#7
Phenol-d6
Concen: 101.21 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion: 99 Resp: 427588
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 43.9 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

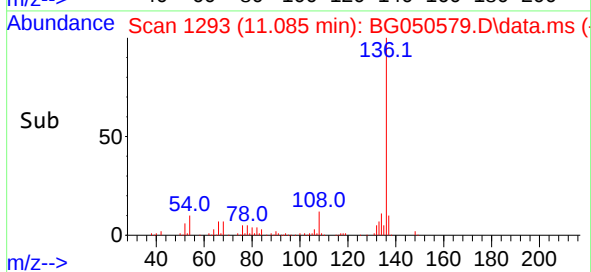
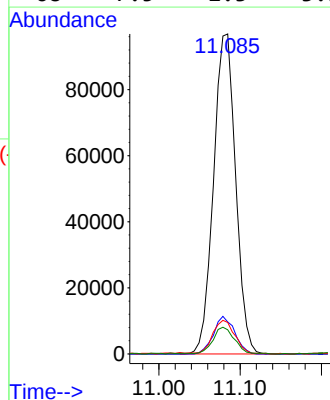
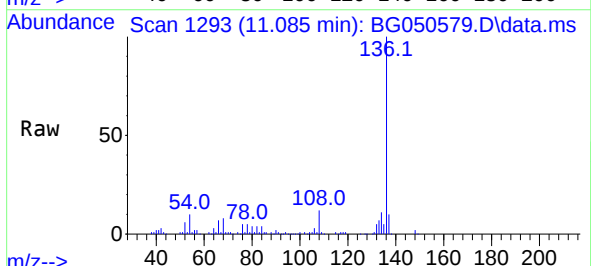
Manual Integrations
APPROVED

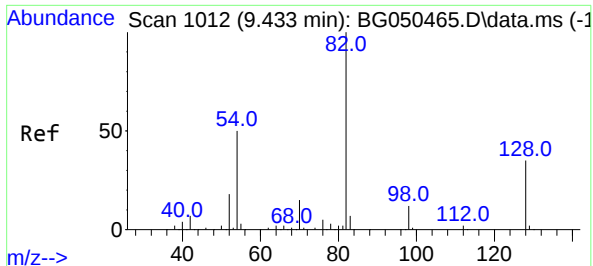
mohammad
10/14/2021 10:54:28 AM



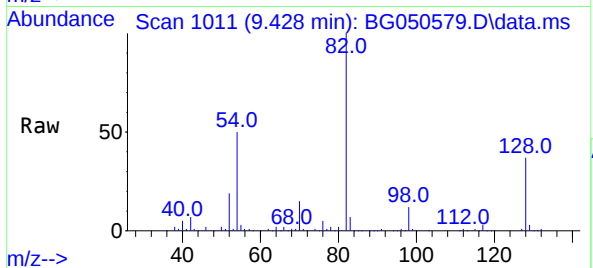
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion: 136 Resp: 182868
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 9.9 5.5 8.3#
68 7.5 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 67.33 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

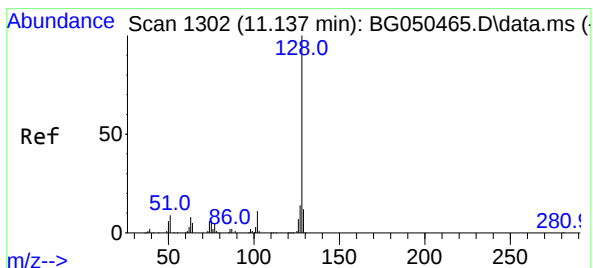
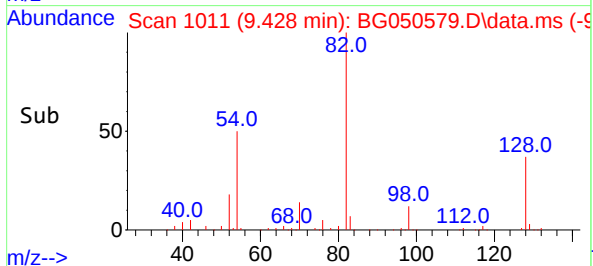
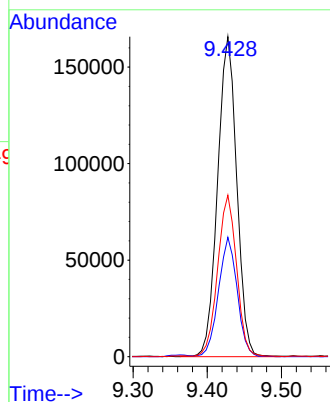


Tgt Ion: 82 Resp: 297452
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 50.5 45.8 68.8

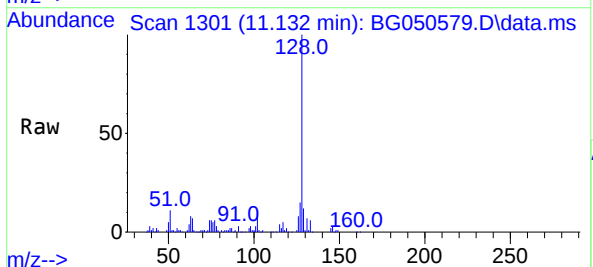
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

Manual Integrations
APPROVED

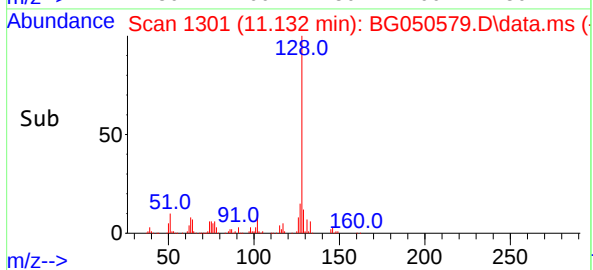
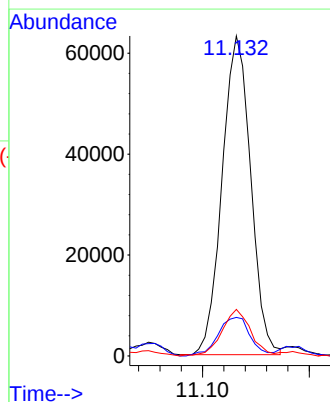
mohammad
10/14/2021 10:54:28 AM

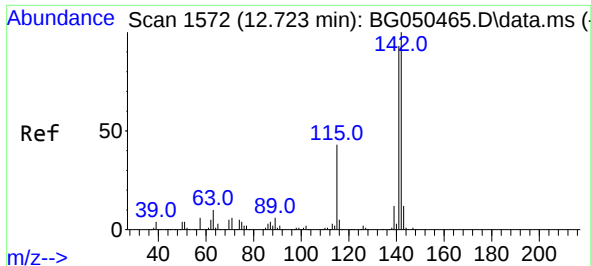


#31
Naphthalene
Concen: 12.02 ng
RT: 11.132 min Scan# 1301
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56



Tgt Ion: 128 Resp: 117624
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 14.6 10.2 15.4





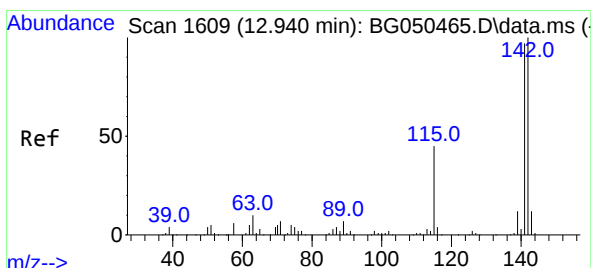
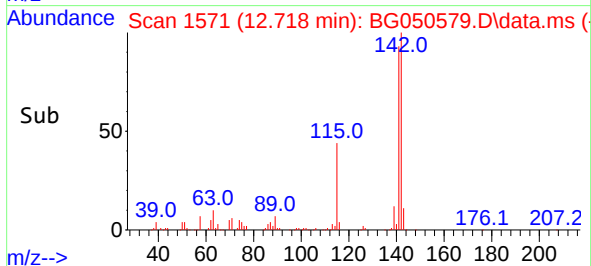
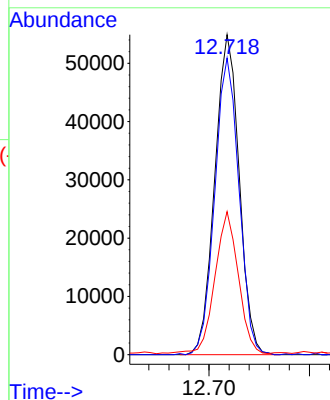
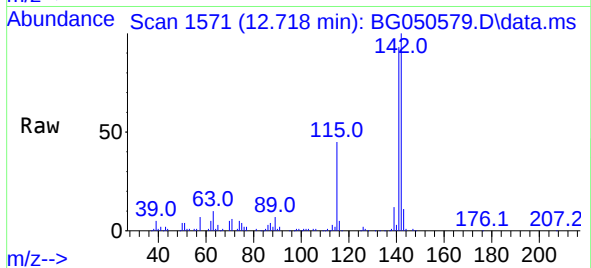
#37
2-Methylnaphthalene
Concen: 13.69 ng
RT: 12.718 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:	142	Resp:	92488
Ion Ratio	Lower	Upper	
142	100		
141	92.7	68.8	103.2
115	44.7	36.4	54.6

Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

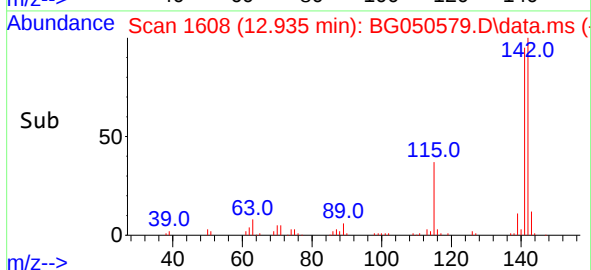
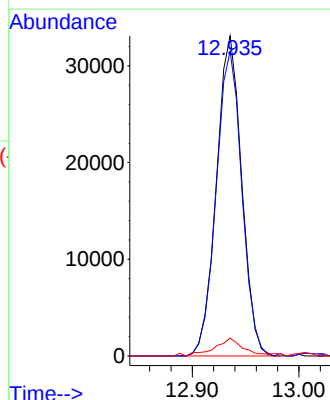
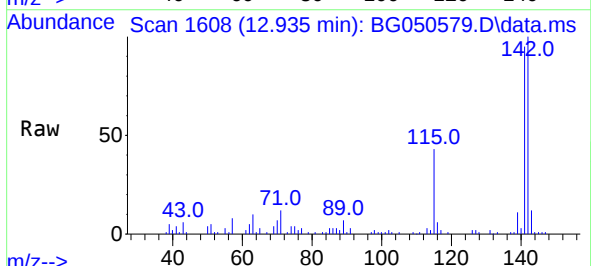
Manual Integrations
APPROVED

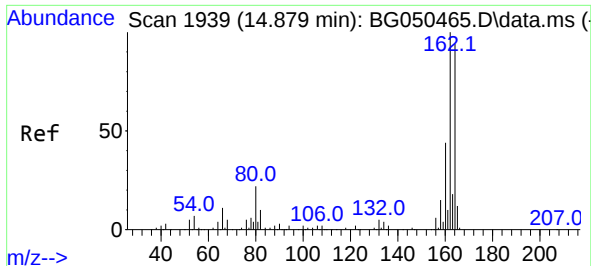
mohammad
10/14/2021 10:54:28 AM



#38
1-Methylnaphthalene
Concen: 8.30 ng
RT: 12.935 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

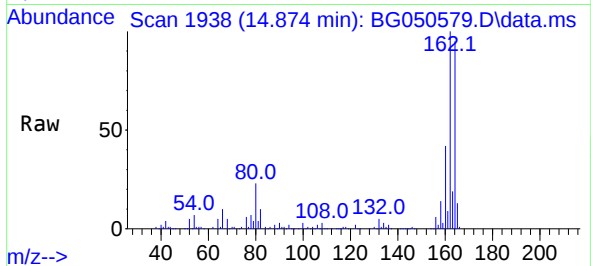
Tgt Ion:	142	Resp:	54368
Ion Ratio	Lower	Upper	
142	100		
141	95.3	70.6	106.0
116	5.6	4.0	6.0





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

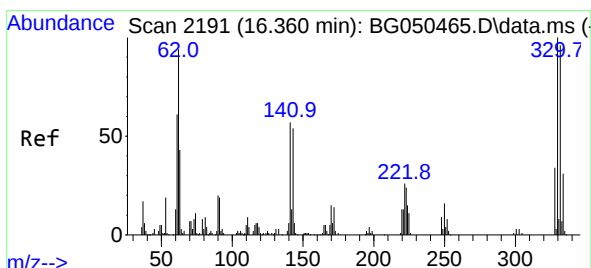
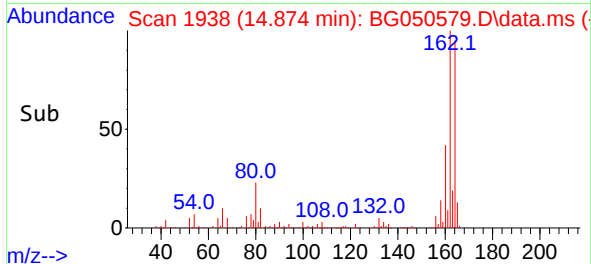
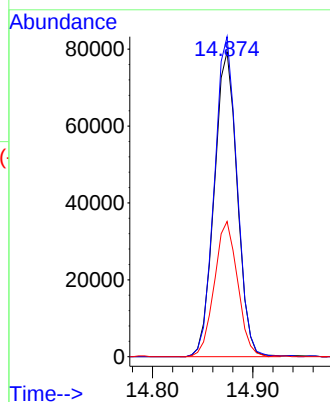
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1



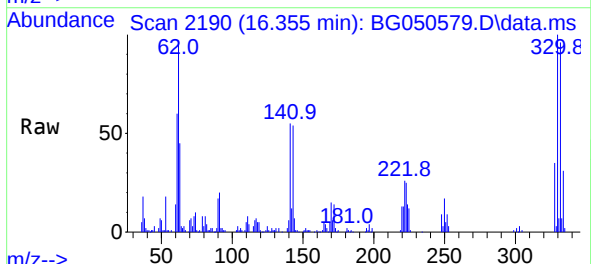
Tgt Ion:164 Resp: 125817
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 44.4 34.9 52.3

Manual Integrations
APPROVED

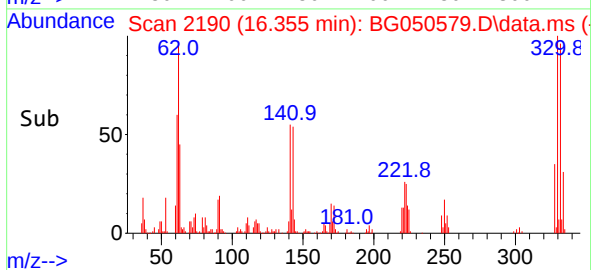
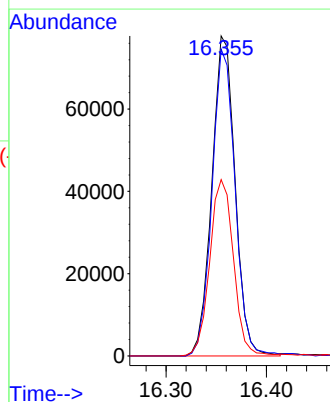
mohammad
10/14/2021 10:54:28 AM

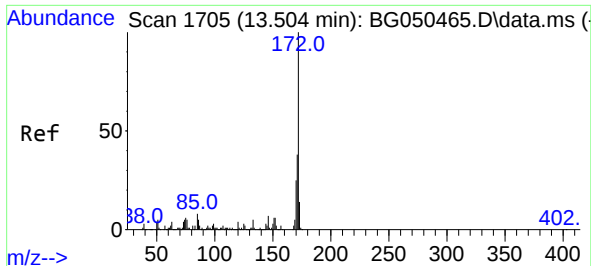


#42
2,4,6-Tribromophenol
Concen: 104.18 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56



Tgt Ion:330 Resp: 125018
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 56.6 35.6 53.4#





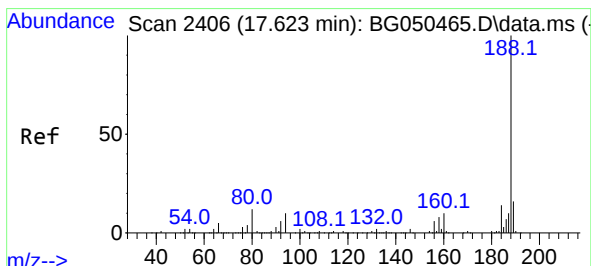
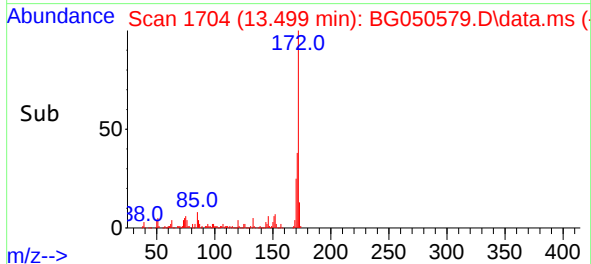
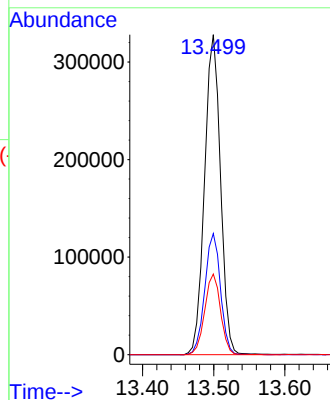
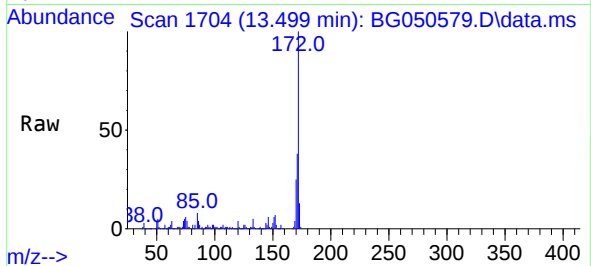
#45
2-Fluorobiphenyl
Concen: 61.25 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:172 Resp: 512072
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.2 18.6 27.8

Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

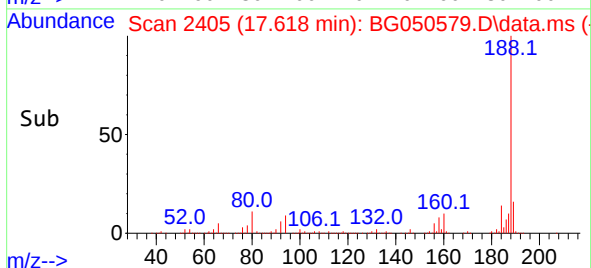
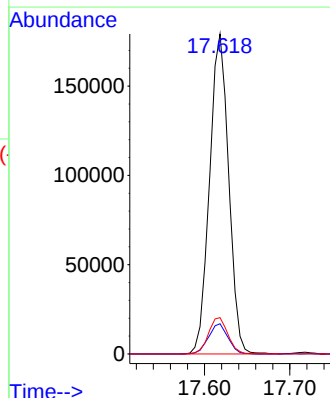
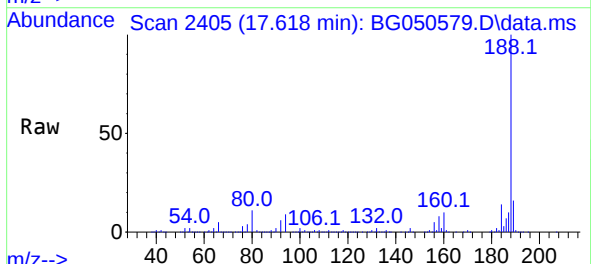
Manual Integrations
APPROVED

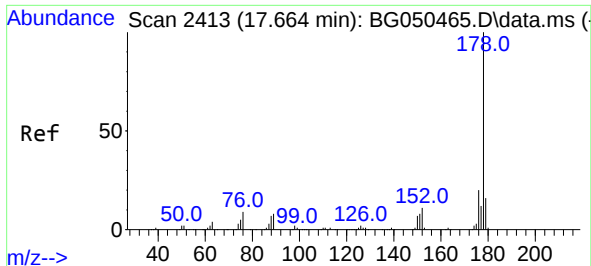
mohammad
10/14/2021 10:54:28 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

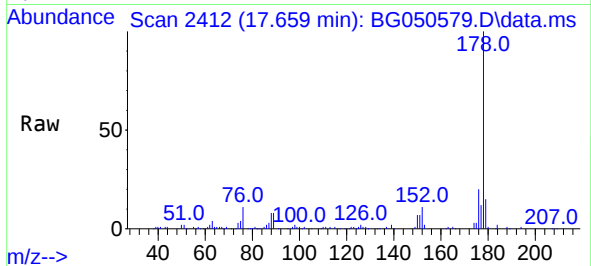
Tgt Ion:188 Resp: 278996
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.3 3.7 5.5#





#71
Phenanthrene
Concen: 5.86 ng
RT: 17.659 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

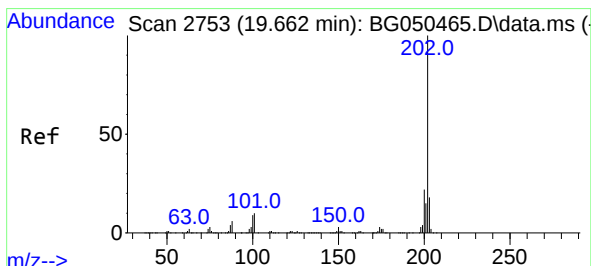
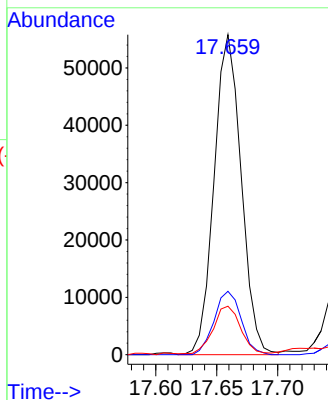
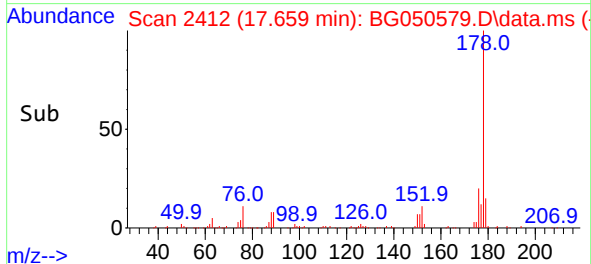
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1



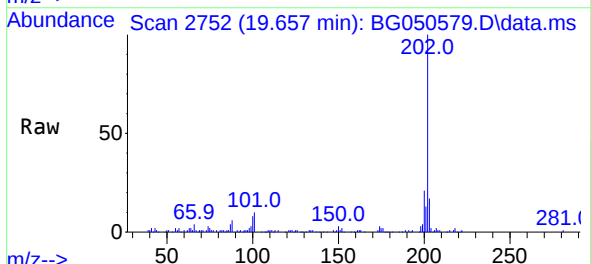
Tgt Ion:178 Resp: 86211
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.2 14.2 21.4

Manual Integrations
APPROVED

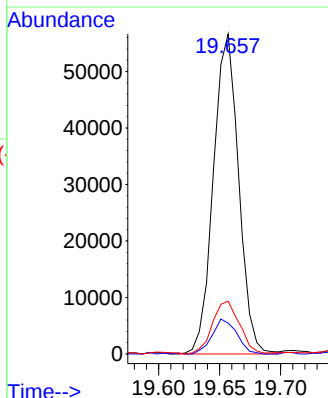
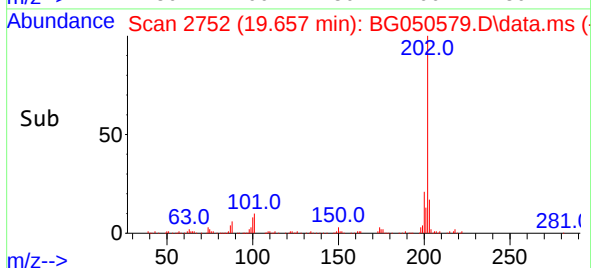
mohammad
10/14/2021 10:54:28 AM

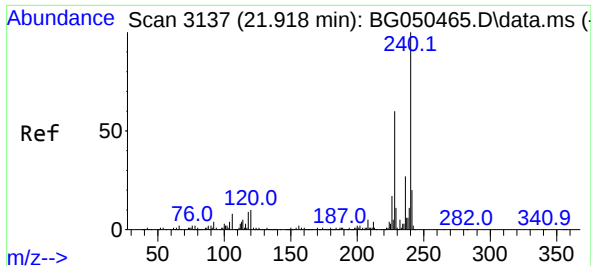


#75
Fluoranthene
Concen: 4.52 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56



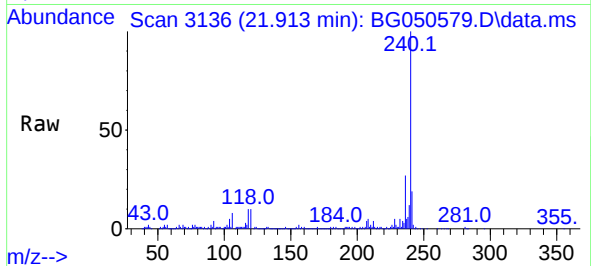
Tgt Ion:202 Resp: 81745
Ion Ratio Lower Upper
202 100
101 9.7 0.0 24.7
203 16.5 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

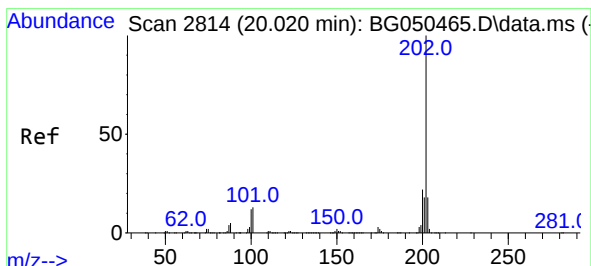
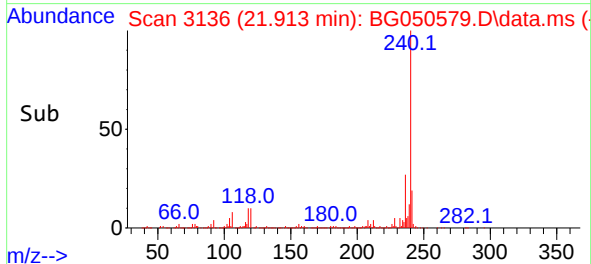
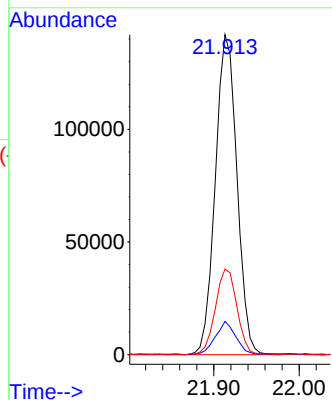
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1



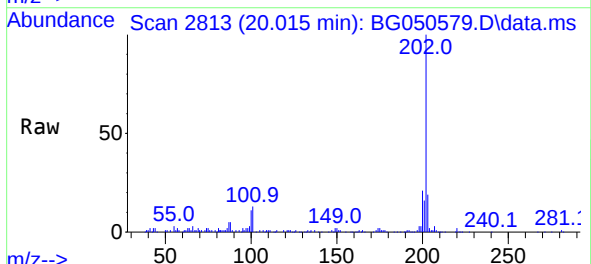
Tgt Ion:240 Resp: 250351
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 26.8 21.8 32.6

Manual Integrations
APPROVED

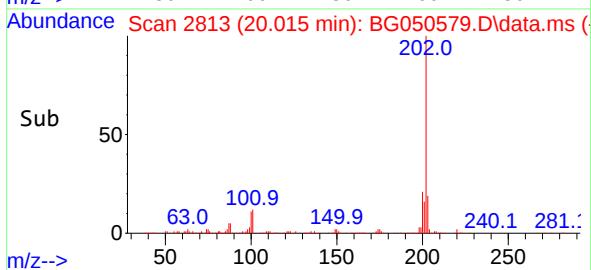
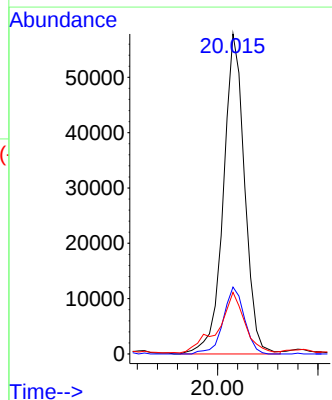
mohammad
10/14/2021 10:54:28 AM

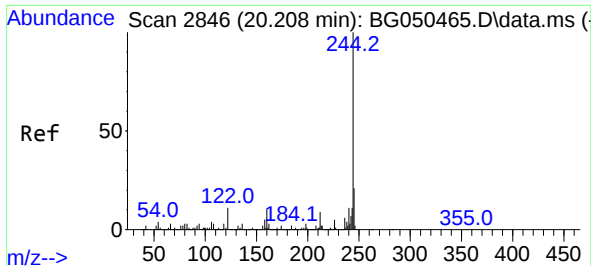


#78
Pyrene
Concen: 4.78 ng
RT: 20.015 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56



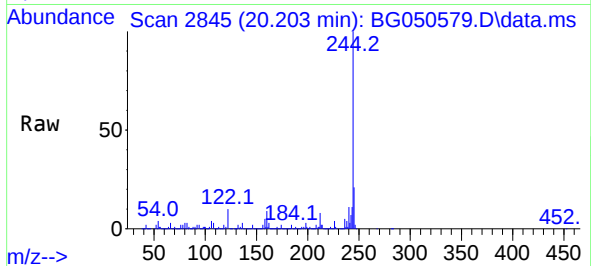
Tgt Ion:202 Resp: 84915
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 19.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 59.97 ng
 RT: 20.203 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050579.D
 Acq: 13 Oct 2021 20:56

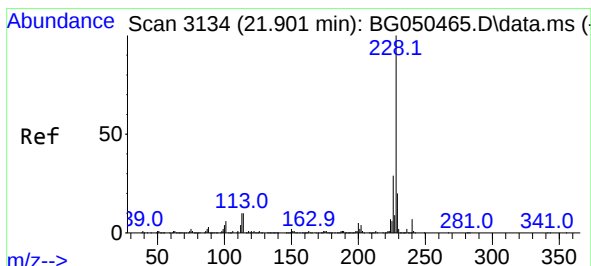
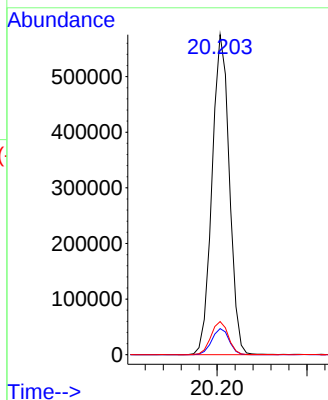
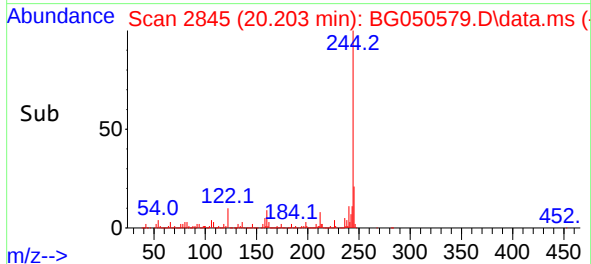
Instrument :
 BNA_G
 ClientSampleId :
 NYPD-69TH-WC-1



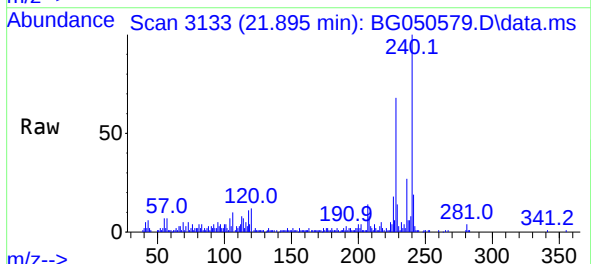
Tgt Ion:244 Resp: 770341
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 10.4 5.0 7.6#

Manual Integrations
 APPROVED

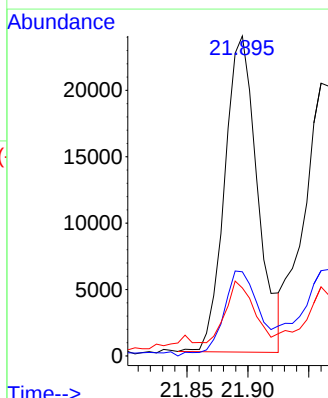
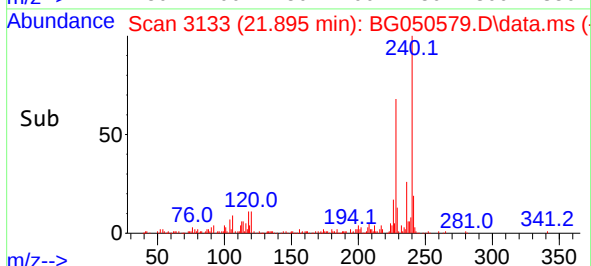
mohammad
 10/14/2021 10:54:28 AM

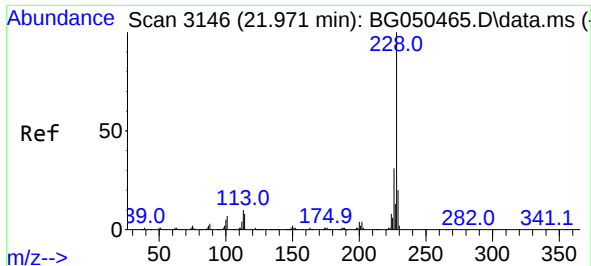


#81
 Benzo(a)anthracene
 Concen: 2.70 ng
 RT: 21.895 min Scan# 3133
 Delta R.T. -0.005 min
 Lab File: BG050579.D
 Acq: 13 Oct 2021 20:56



Tgt Ion:228 Resp: 44733
 Ion Ratio Lower Upper
 228 100
 226 26.3 22.7 34.1
 229 21.3 16.0 24.0





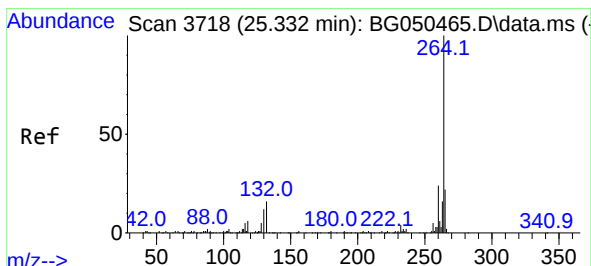
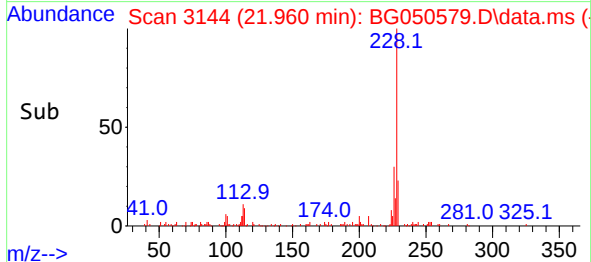
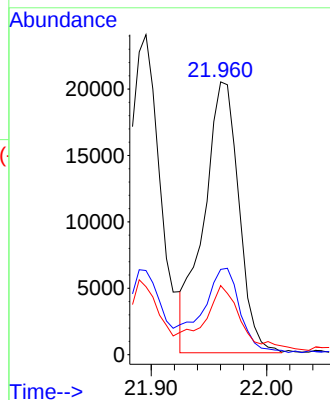
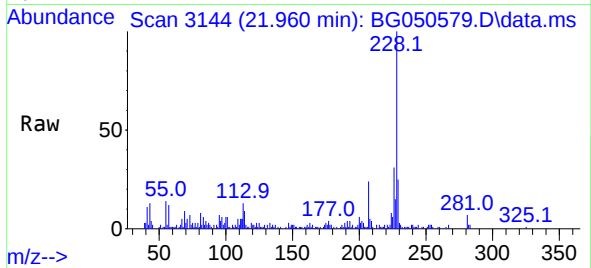
#83
Chrysene
Concen: 2.77 ng m
RT: 21.960 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:228 Resp: 43229
Ion Ratio Lower Upper
228 100
226 31.3 23.1 34.7
229 25.3 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

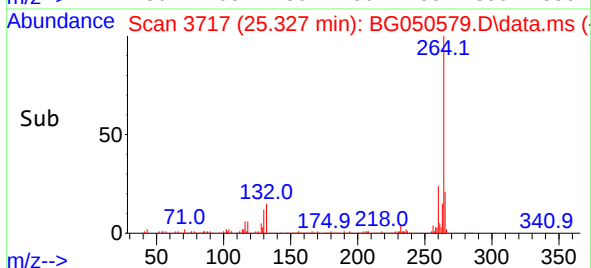
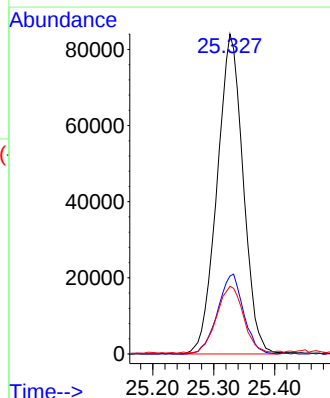
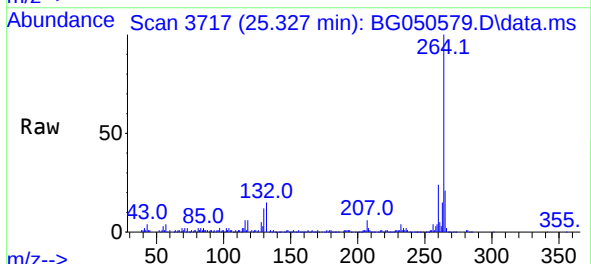
Manual Integrations
APPROVED

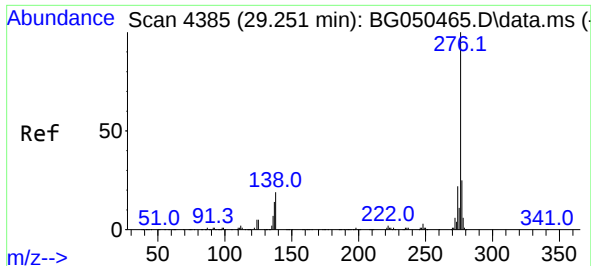
mohammad
10/14/2021 10:54:28 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:264 Resp: 249648
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.1 16.9 25.3





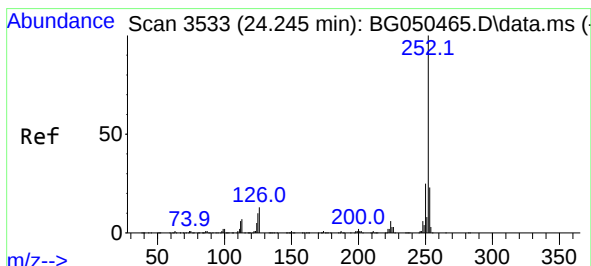
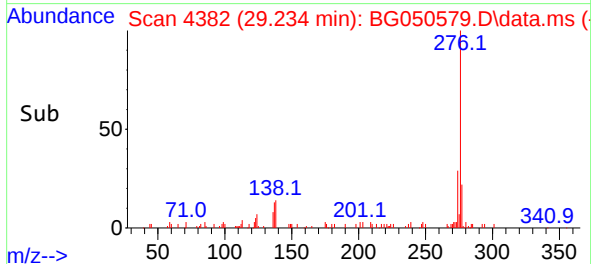
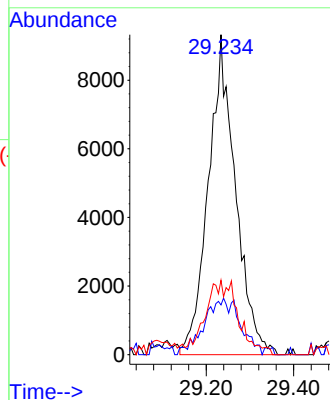
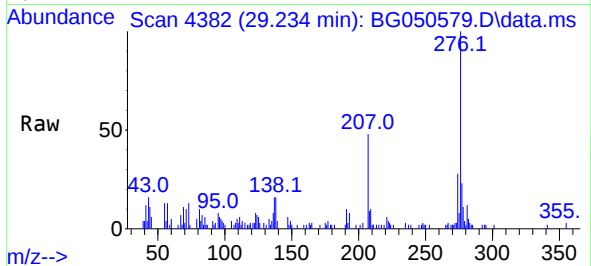
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 29.234 min Scan# 4382
Delta R.T. -0.017 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion: 276 Resp: 40134
Ion Ratio Lower Upper
276 100
138 15.6 5.1 7.7#
277 0.0 19.8 29.6#

Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

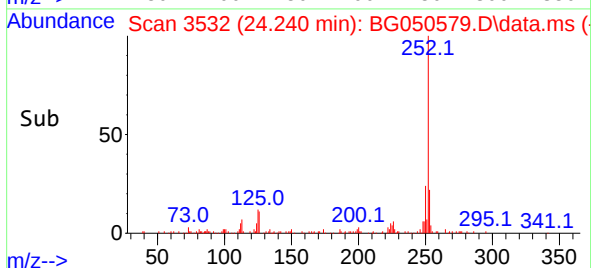
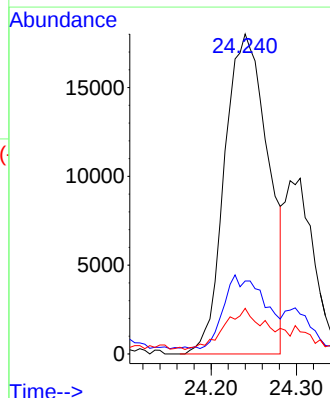
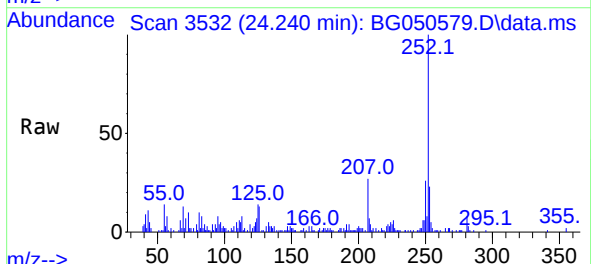
Manual Integrations
APPROVED

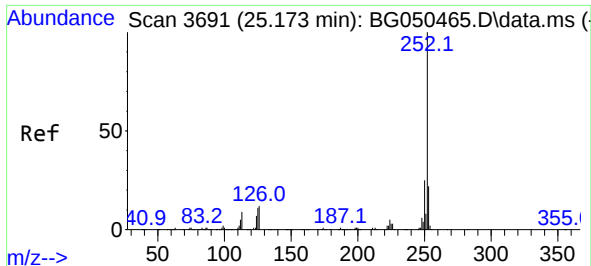
mohammad
10/14/2021 10:54:28 AM



#88
Benzo(b)fluoranthene
Concen: 4.17 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

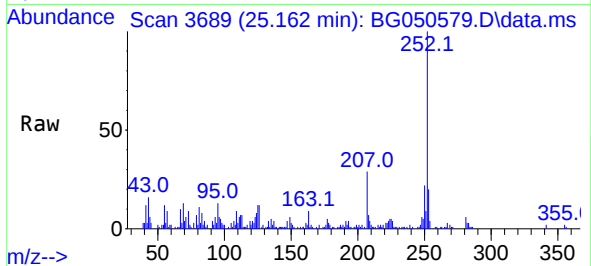
Tgt Ion: 252 Resp: 63777
Ion Ratio Lower Upper
252 100
253 22.8 16.2 24.4
125 14.2 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 3.83 ng
RT: 25.162 min Scan# 3689
Delta R.T. -0.011 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

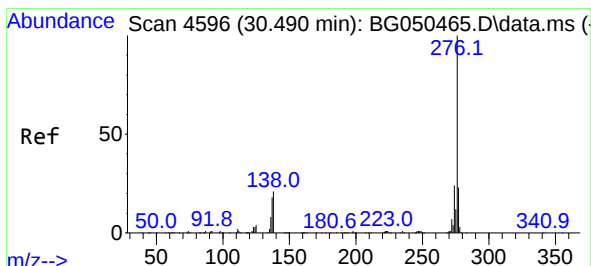
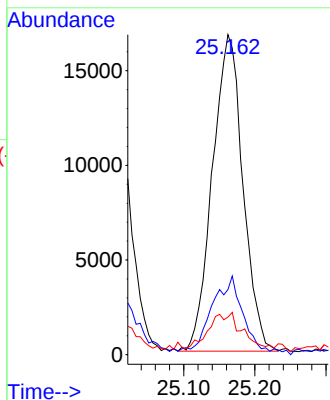
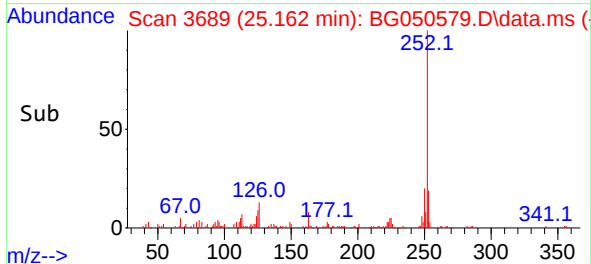
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1



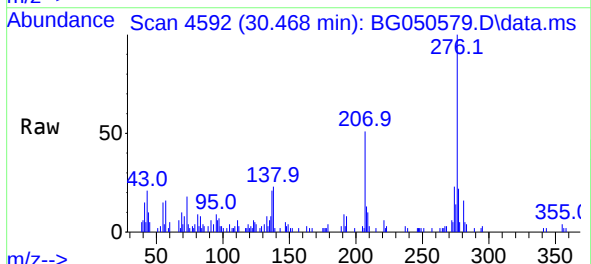
Tgt Ion:252 Resp: 49800
Ion Ratio Lower Upper
252 100
253 20.4 16.6 25.0
125 11.8 3.5 5.3#

Manual Integrations
APPROVED

mohammad
10/14/2021 10:54:28 AM



#92
Benzo(g,h,i)perylene
Concen: 3.03 ng
RT: 30.468 min Scan# 4592
Delta R.T. -0.023 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56



Tgt Ion:276 Resp: 42733
Ion Ratio Lower Upper
276 100
277 21.9 18.4 27.6
138 23.0 7.0 10.6#

