

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048716.D
 Acq On : 15 Apr 2021 19:46
 Operator : CG/JU
 Sample : M2017-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FISHKILL-SP-1RE

Manual Integrations
 APPROVED

mohammad
 4/16/2021 11:28:29 AM

Quant Time: Apr 16 00:34:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 10:59:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	26611	20.00	ng	0.00
21) Naphthalene-d8	10.913	136	104290	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	57053	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	120931	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	124030	20.00	ng	# 0.00
86) Perylene-d12	25.155	264	122456	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	138558	87.08	ng	0.01
7) Phenol-d6	7.247	99	178677	79.39	ng	0.00
23) Nitrobenzene-d5	9.256	82	137310	58.95	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	59726	78.08	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	267461	67.70	ng	0.00
79) Terphenyl-d14	20.108	244	365893	50.77	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.186	163	12455	2.91	ng	# 93
71) Phenanthrene	17.540	178	25917	4.13	ng	# 93
75) Fluoranthene	19.556	202	65431	8.24	ng	98
78) Pyrene	19.920	202	71055	8.28	ng	99
81) Benzo(a)anthracene	21.783	228	43075	5.08	ng	# 90
83) Chrysene	21.847	228	45950m	5.69	ng	
88) Benzo(b)fluoranthene	24.097	252	52307	6.30	ng	# 95
89) Benzo(k)fluoranthene	24.144	252	19256m	2.46	ng	
90) Benzo(a)pyrene	24.991	252	38008	4.97	ng	# 90

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

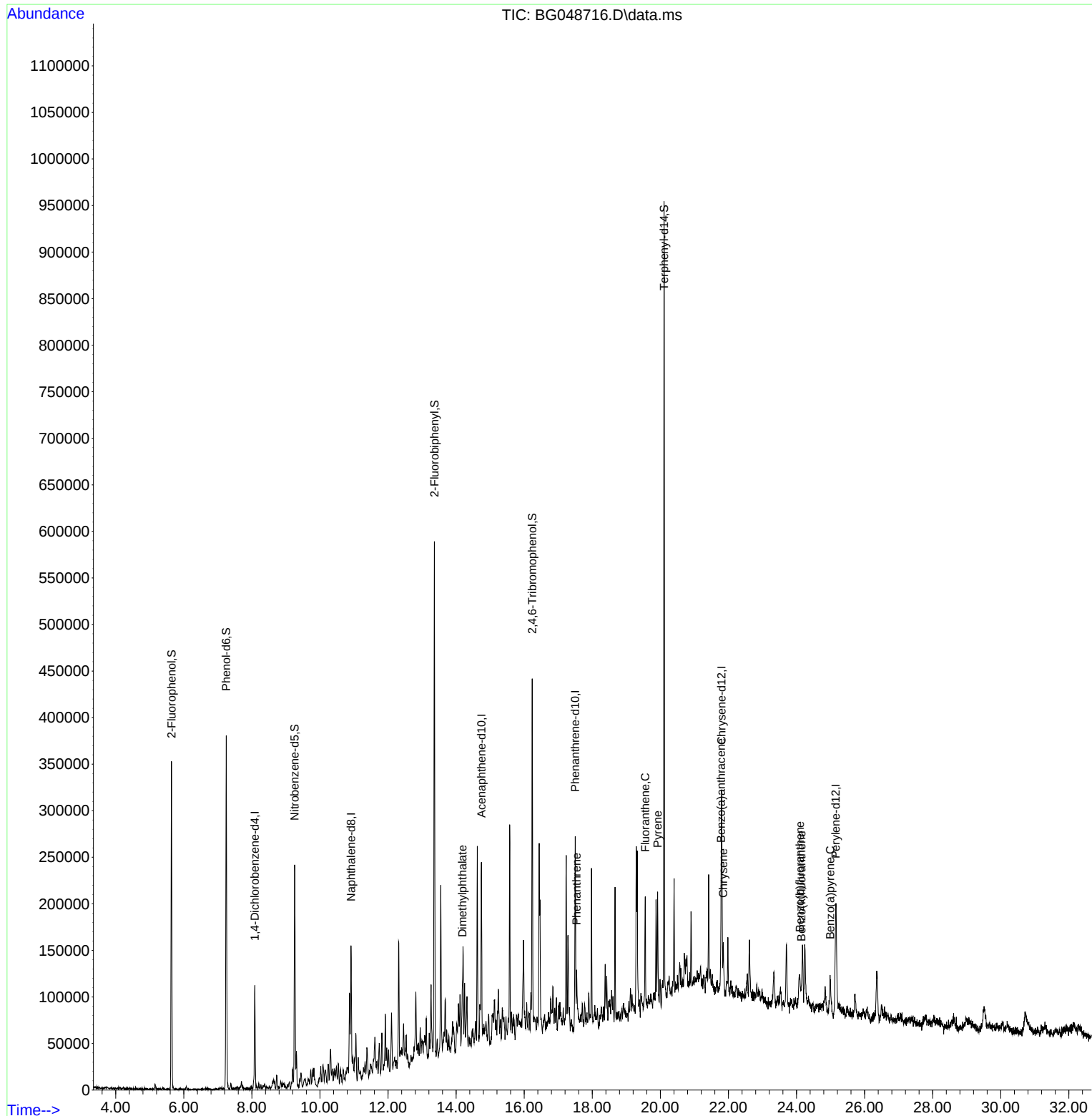
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048716.D
Acq On : 15 Apr 2021 19:46
Operator : CG/JU
Sample : M2017-01RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

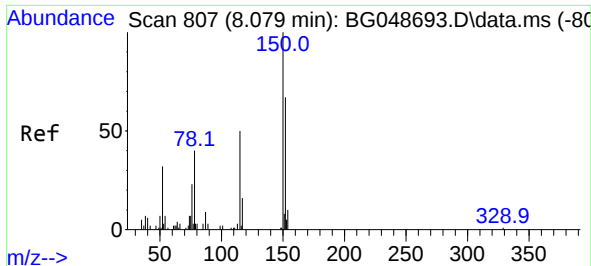
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

Manual Integrations
APPROVED

mohammad
4/16/2021 11:28:29 AM

Quant Time: Apr 16 00:34:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration





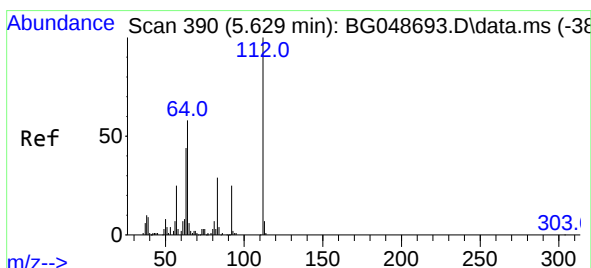
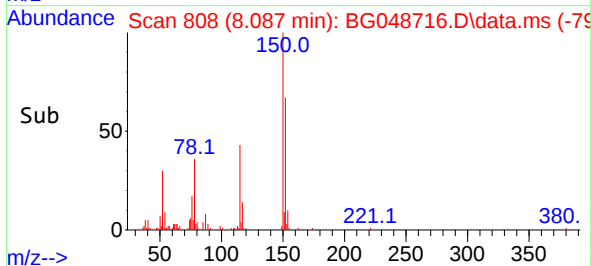
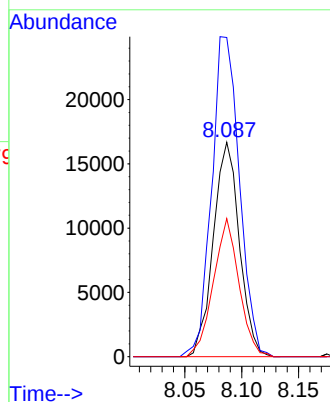
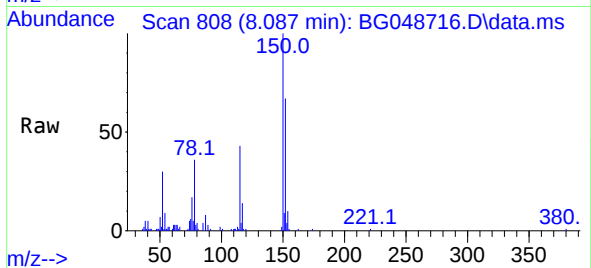
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.087 min Scan# 808
Delta R.T. -0.000 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:152 Resp: 26611
Ion Ratio Lower Upper
152 100
150 148.9 119.4 179.0
115 64.4 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

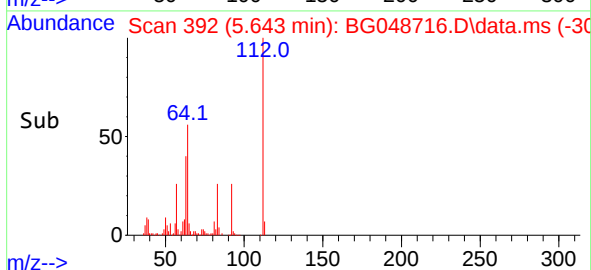
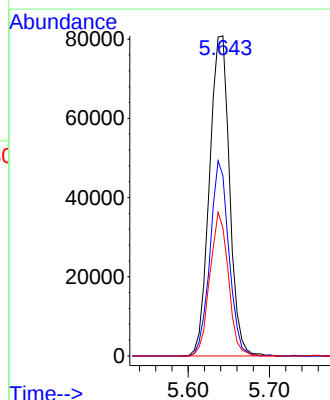
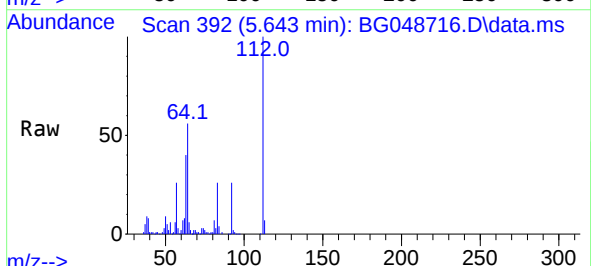
Manual Integrations
APPROVED

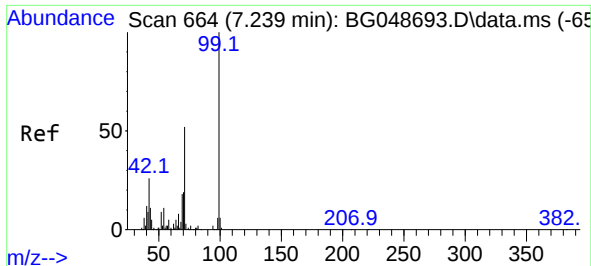
mohammad
4/16/2021 11:28:29 AM



#5
2-Fluorophenol
Concen: 87.08 ng
RT: 5.643 min Scan# 392
Delta R.T. 0.011 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

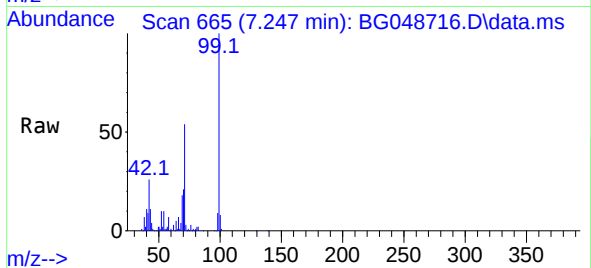
Tgt Ion:112 Resp: 138558
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 40.0 35.3 52.9





#7
Phenol-d6
Concen: 79.39 ng
RT: 7.247 min Scan# 665
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

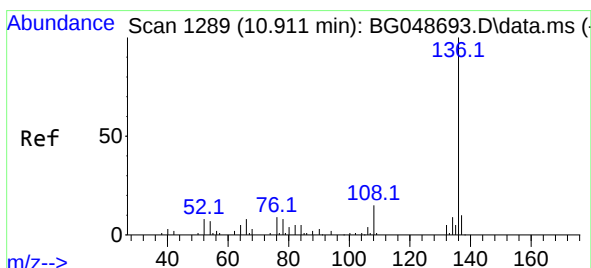
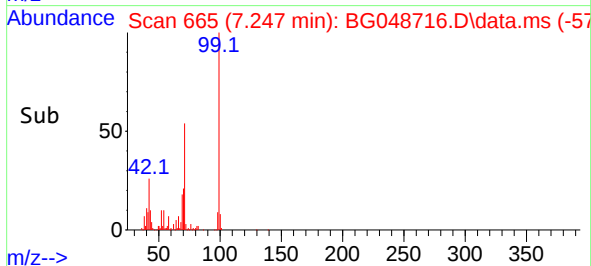
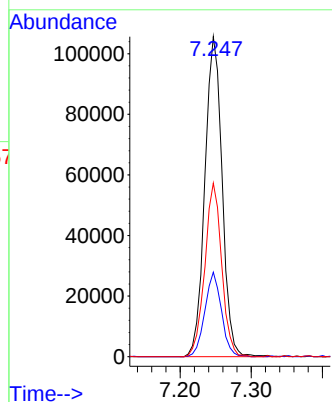
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE



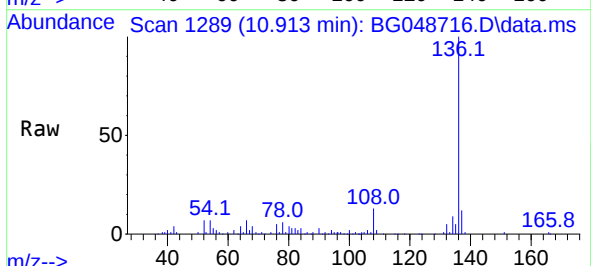
Tgt Ion: 99 Resp: 178677
Ion Ratio Lower Upper
99 100
42 26.4 20.5 30.7
71 54.2 41.5 62.3

Manual Integrations
APPROVED

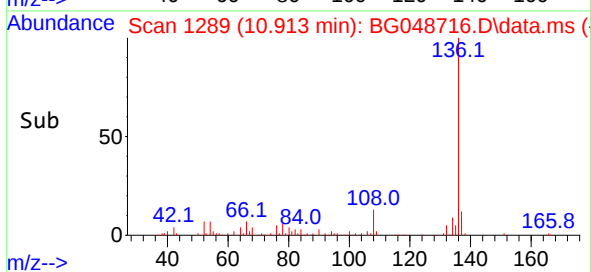
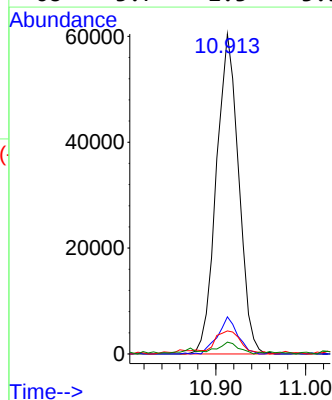
mohammad
4/16/2021 11:28:29 AM

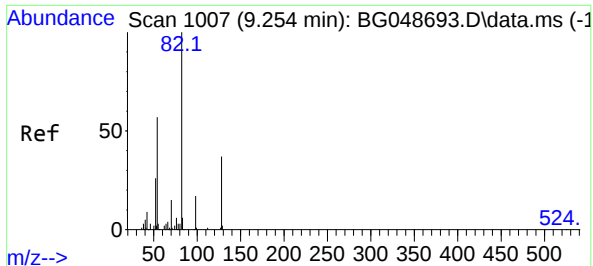


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.913 min Scan# 1289
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46



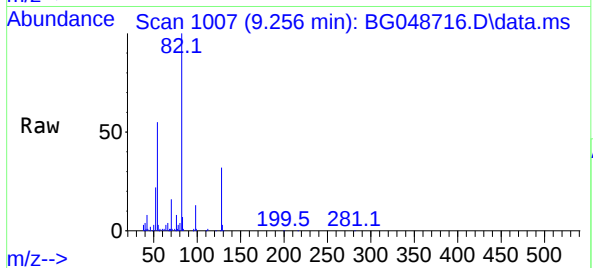
Tgt Ion: 136 Resp: 104290
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 7.2 5.5 8.3
68 3.7 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 58.95 ng
RT: 9.256 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

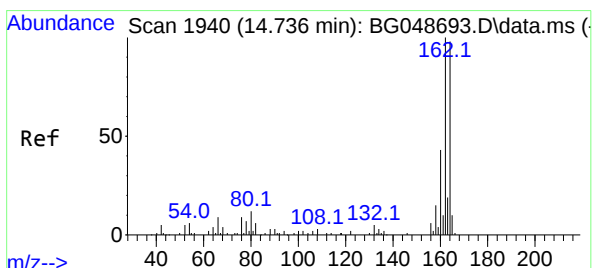
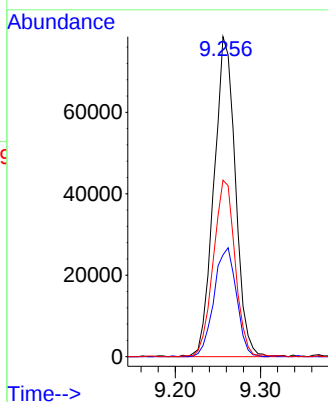
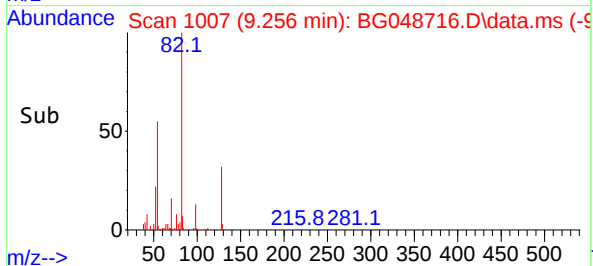
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE



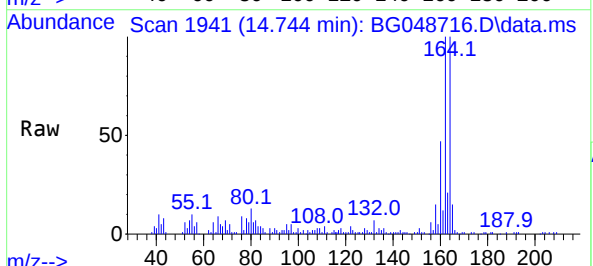
Tgt Ion: 82 Resp: 137310
Ion Ratio Lower Upper
82 100
128 31.8 29.8 44.6
54 55.1 45.8 68.8

Manual Integrations
APPROVED

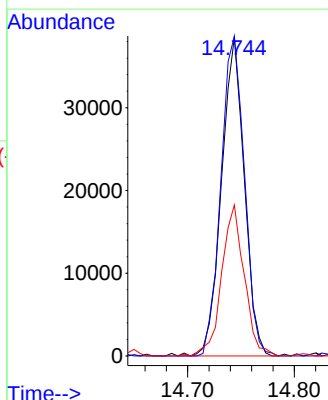
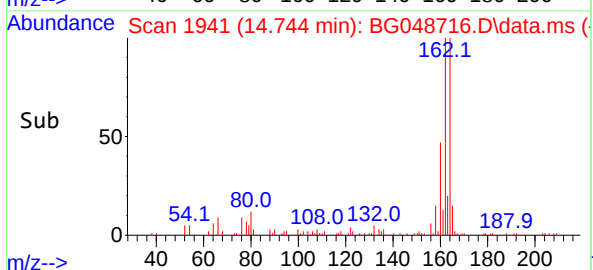
mohammad
4/16/2021 11:28:29 AM

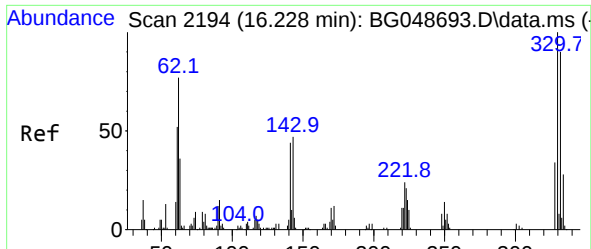


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46



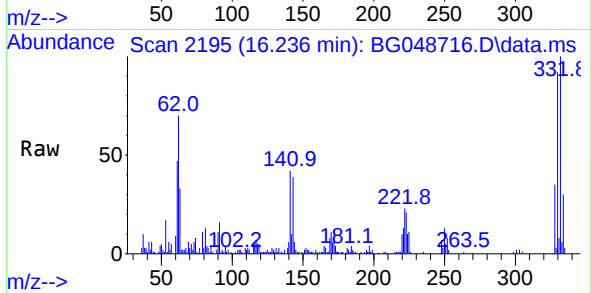
Tgt Ion: 164 Resp: 57053
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 47.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 78.08 ng
RT: 16.236 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

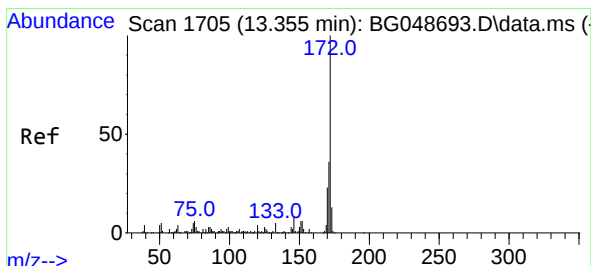
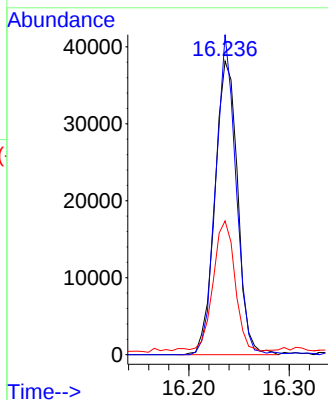
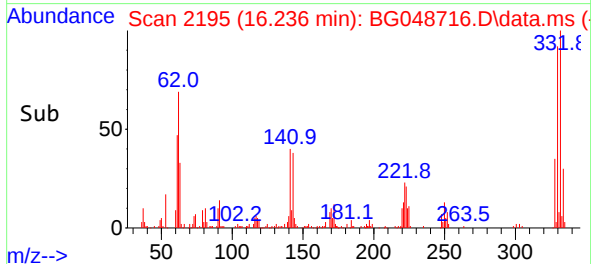
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE



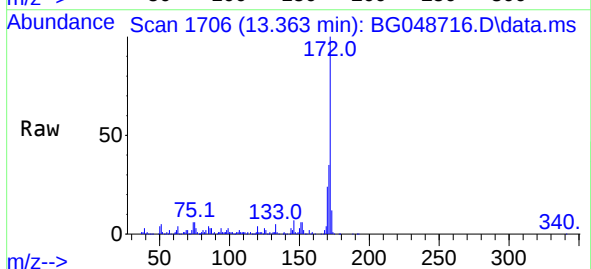
Tgt Ion:330 Resp: 59726
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 42.4 35.6 53.4

Manual Integrations
APPROVED

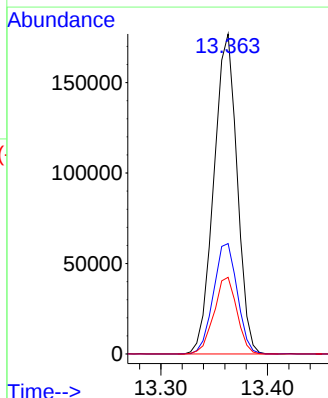
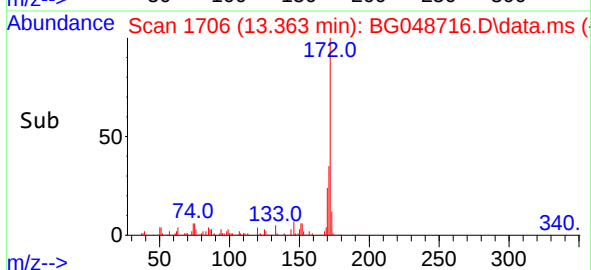
mohammad
4/16/2021 11:28:29 AM

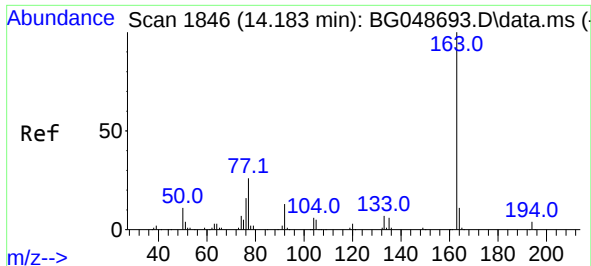


#45
2-Fluorobiphenyl
Concen: 67.70 ng
RT: 13.363 min Scan# 1706
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46



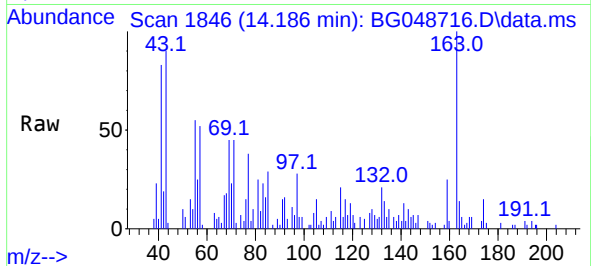
Tgt Ion:172 Resp: 267461
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.9 18.6 27.8





#50
Dimethylphthalate
Concen: 2.91 ng
RT: 14.186 min Scan# 1846
Delta R.T. -0.001 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

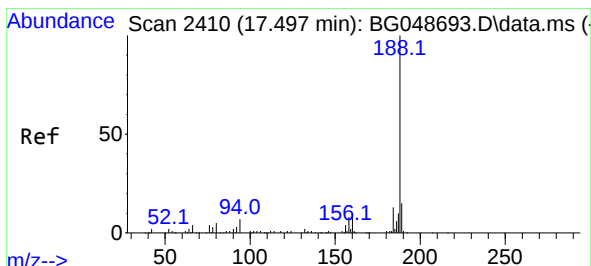
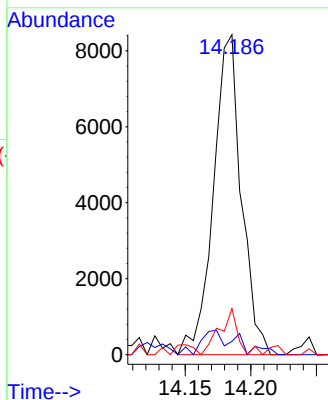
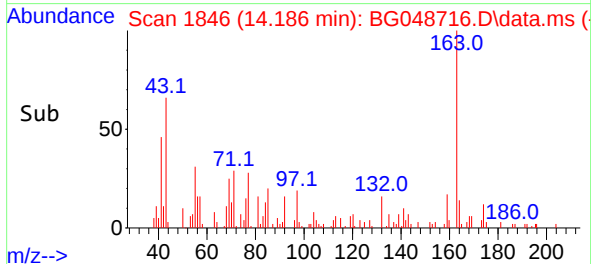
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE



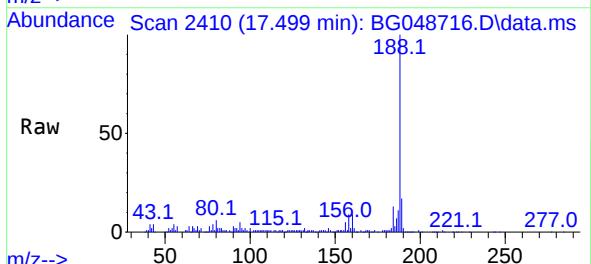
Tgt Ion:163 Resp: 12455
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 14.4 8.6 12.8#

Manual Integrations
APPROVED

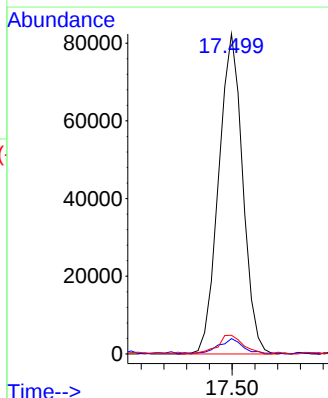
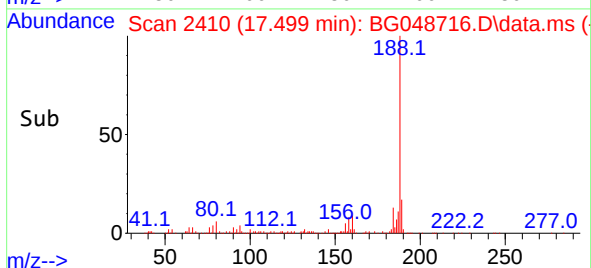
mohammad
4/16/2021 11:28:29 AM

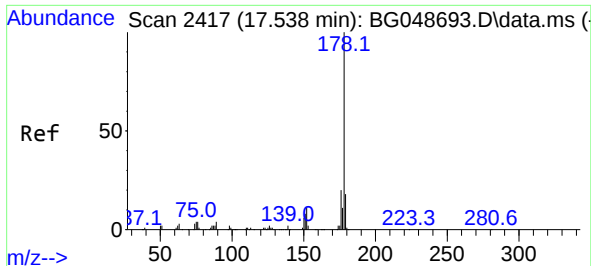


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46



Tgt Ion:188 Resp: 120931
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.8 3.7 5.5#





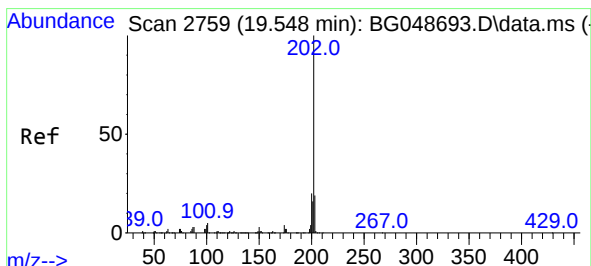
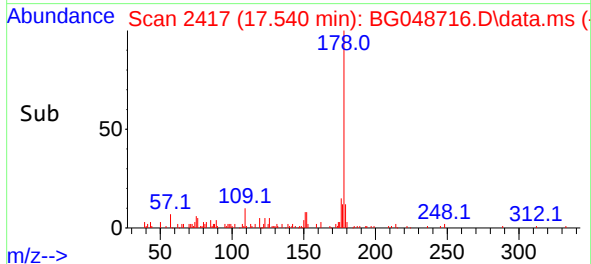
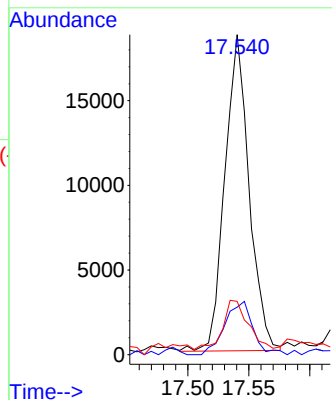
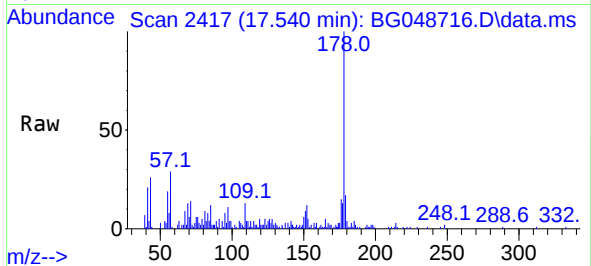
#71
Phenanthrene
Concen: 4.13 ng
RT: 17.540 min Scan# 2417
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:178 Resp: 25917
Ion Ratio Lower Upper
178 100
176 14.8 16.0 24.0#
179 16.7 14.2 21.4

Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

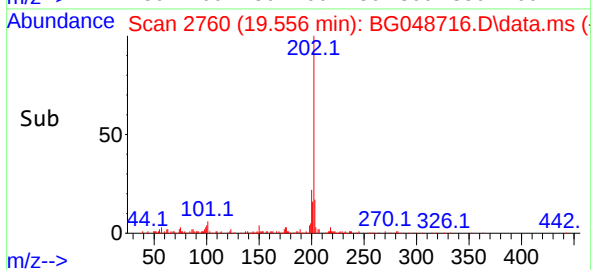
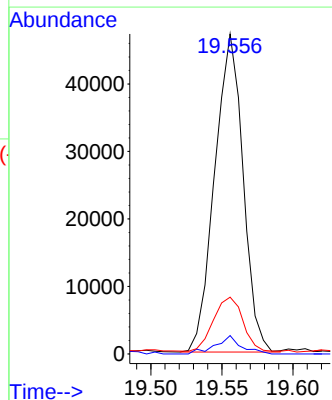
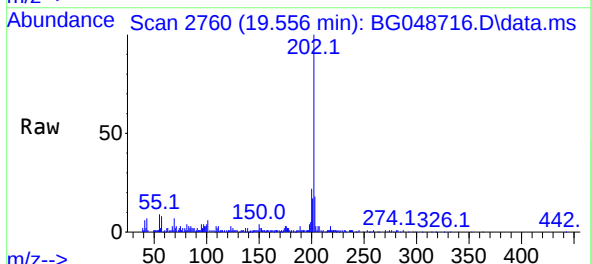
Manual Integrations
APPROVED

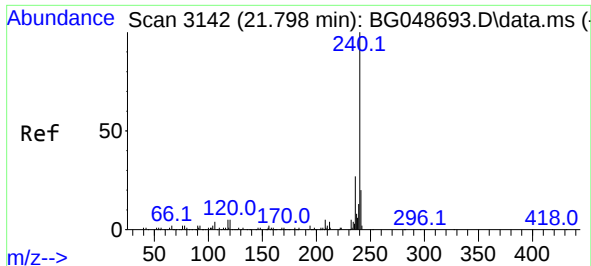
mohammad
4/16/2021 11:28:29 AM



#75
Fluoranthene
Concen: 8.24 ng
RT: 19.556 min Scan# 2760
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:202 Resp: 65431
Ion Ratio Lower Upper
202 100
101 5.7 0.0 24.7
203 17.8 0.0 38.5





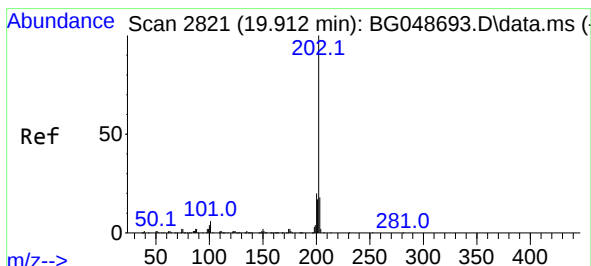
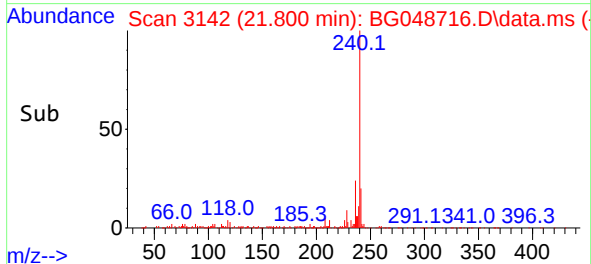
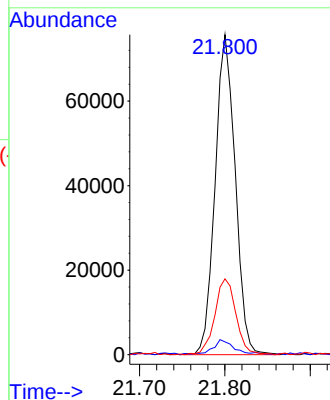
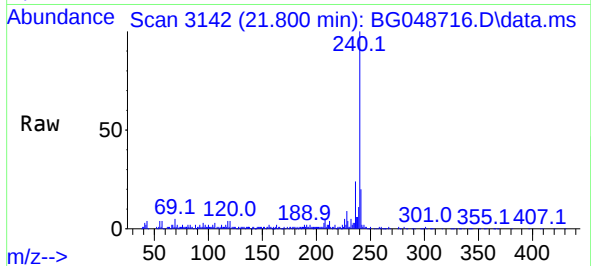
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:240 Resp: 124030
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 23.7 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

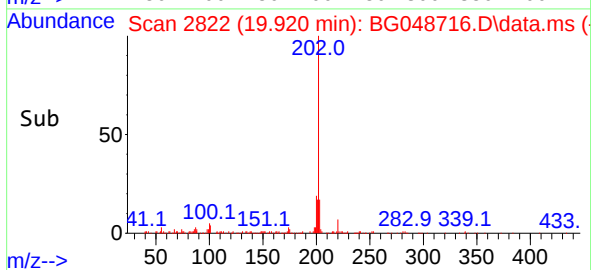
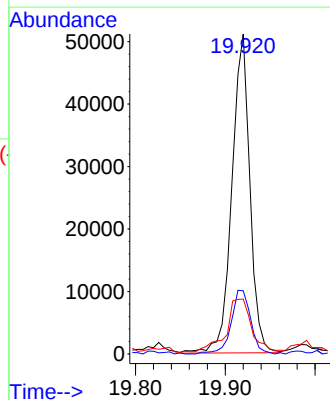
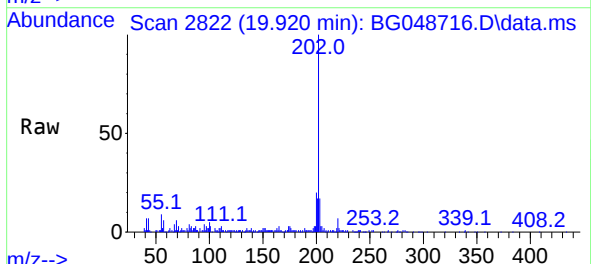
Manual Integrations
APPROVED

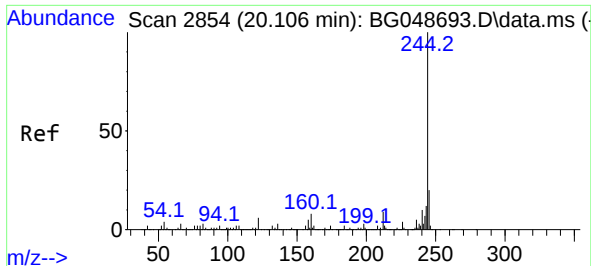
mohammad
4/16/2021 11:28:29 AM



#78
Pyrene
Concen: 8.28 ng
RT: 19.920 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:202 Resp: 71055
Ion Ratio Lower Upper
202 100
200 19.7 15.8 23.8
203 17.1 14.6 21.8





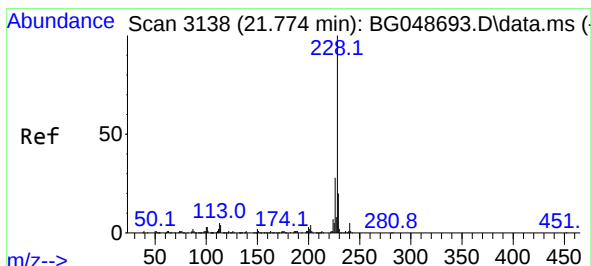
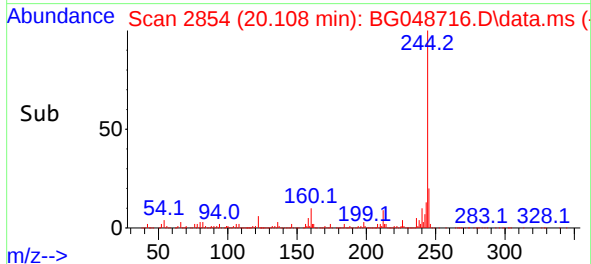
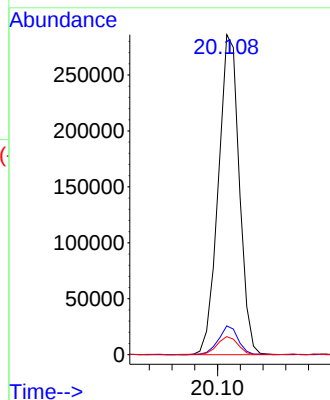
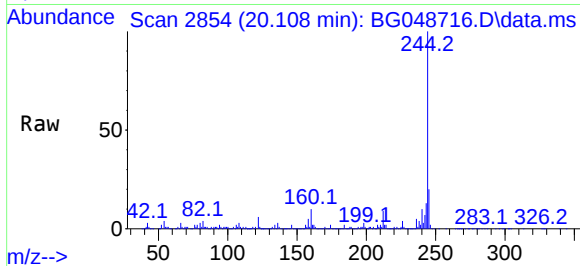
#79
Terphenyl-d14
Concen: 50.77 ng
RT: 20.108 min Scan# 2854
Delta R.T. -0.001 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:244 Resp: 365893
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 5.6 5.0 7.6

Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

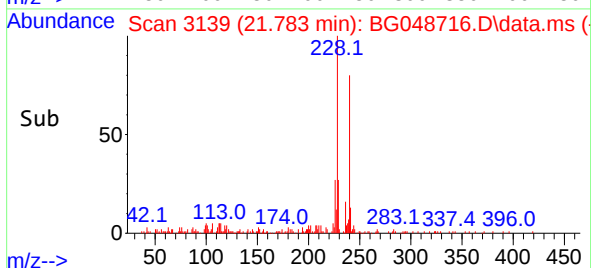
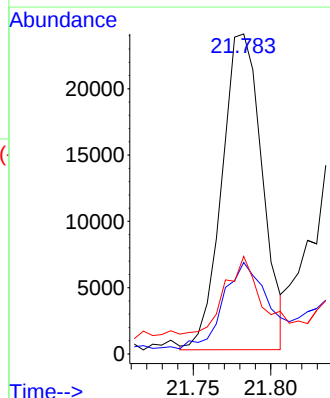
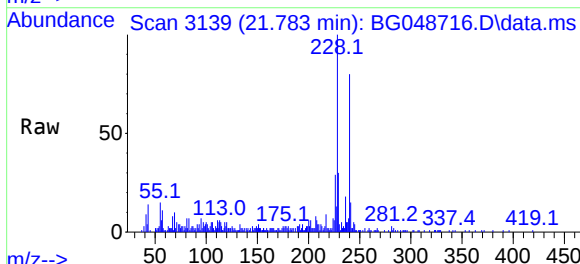
Manual Integrations
APPROVED

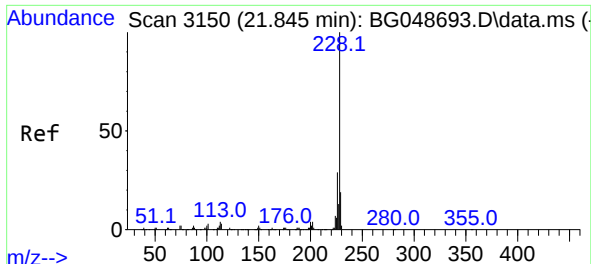
mohammad
4/16/2021 11:28:29 AM



#81
Benzo(a)anthracene
Concen: 5.08 ng
RT: 21.783 min Scan# 3139
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:228 Resp: 43075
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 30.5 16.0 24.0#





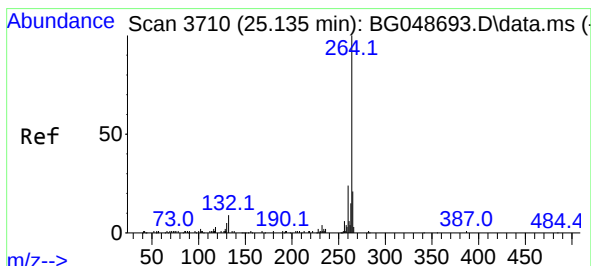
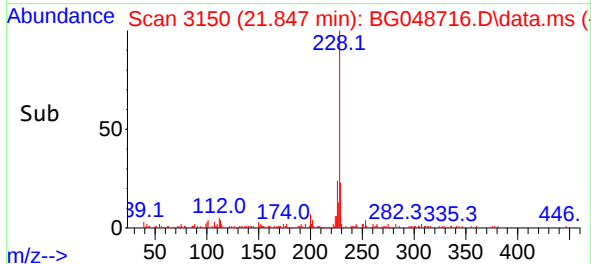
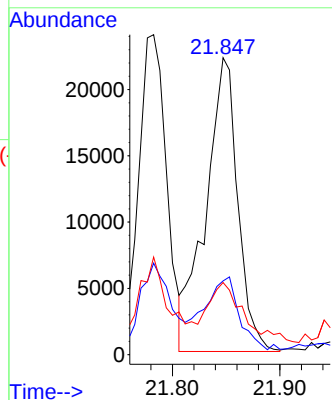
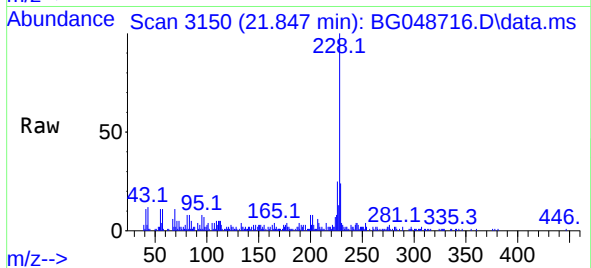
#83
Chrysene
Concen: 5.69 ng m
RT: 21.847 min Scan# 3150
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion: 228 Resp: 45950
Ion Ratio Lower Upper
228 100
226 24.8 23.1 34.7
229 24.3 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

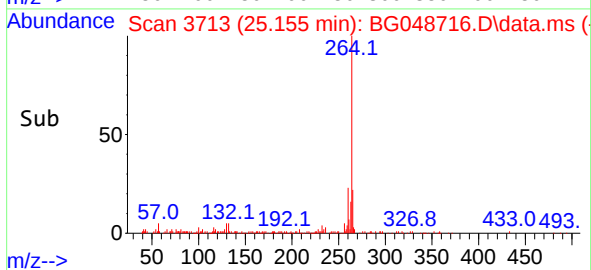
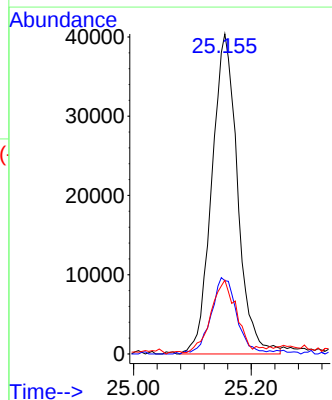
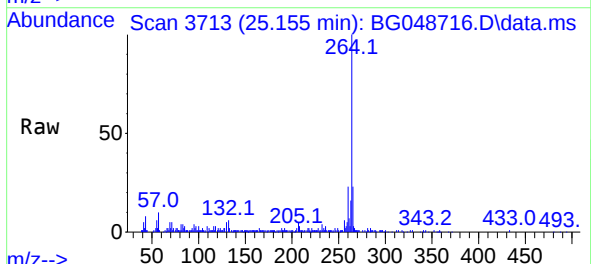
Manual Integrations
APPROVED

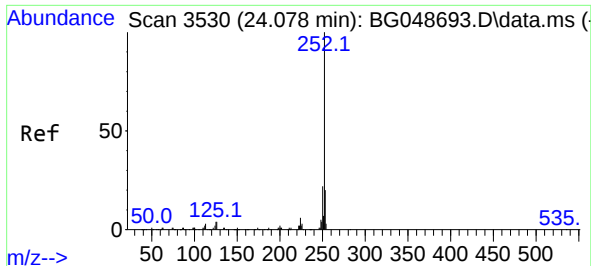
mohammad
4/16/2021 11:28:29 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.155 min Scan# 3713
Delta R.T. 0.017 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

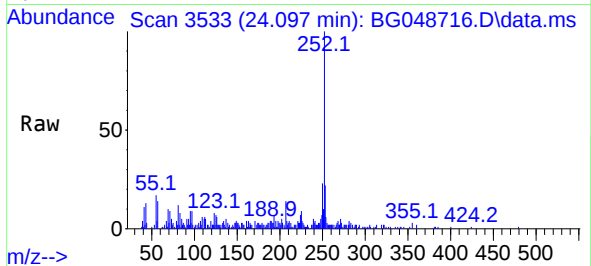
Tgt Ion: 264 Resp: 122456
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 23.1 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 6.30 ng
RT: 24.097 min Scan# 3533
Delta R.T. 0.023 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

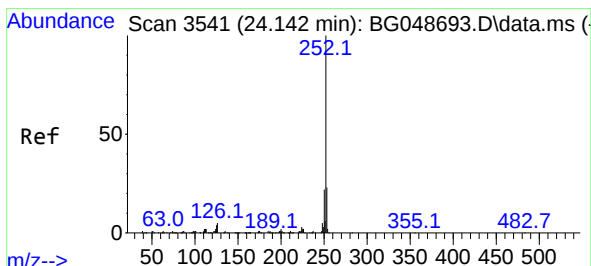
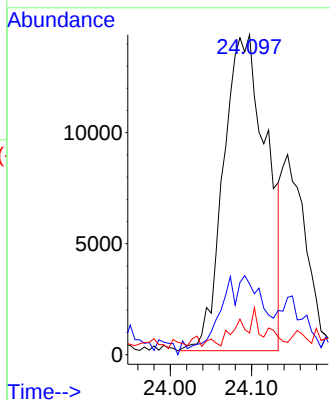
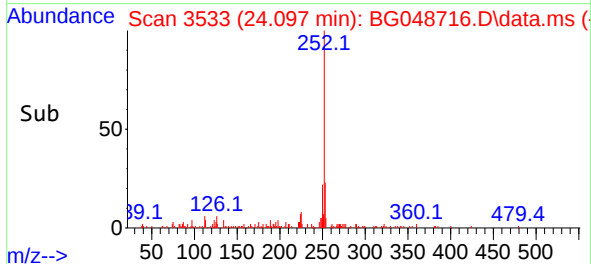
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE



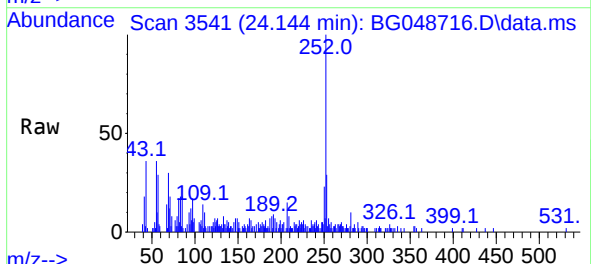
Tgt Ion:252 Resp: 52307
Ion Ratio Lower Upper
252 100
253 22.1 16.2 24.4
125 6.8 3.0 4.4#

Manual Integrations
APPROVED

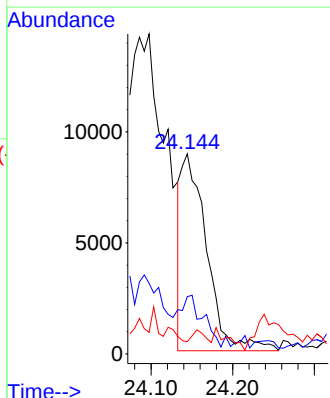
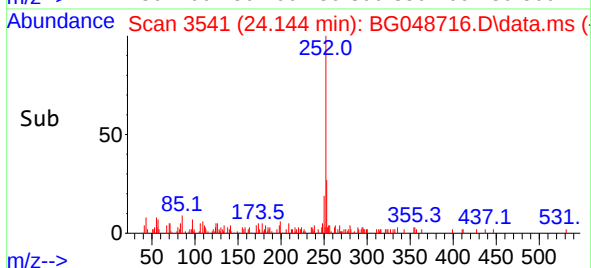
mohammad
4/16/2021 11:28:29 AM

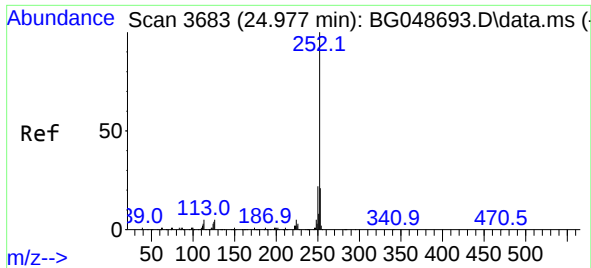


#89
Benzo(k)fluoranthene
Concen: 2.46 ng m
RT: 24.144 min Scan# 3541
Delta R.T. -0.001 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46



Tgt Ion:252 Resp: 19256
Ion Ratio Lower Upper
252 100
253 28.6 18.0 27.0#
125 6.2 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 4.97 ng
RT: 24.991 min Scan# 3685
Delta R.T. 0.011 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	16.6	25.0#
125	5.4	3.5	5.3#

Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

Manual Integrations
APPROVED

mohammad
4/16/2021 11:28:29 AM

