

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130508.D
 Acq On : 03 Oct 2022 20:01
 Operator : CG\JU
 Sample : N4907-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-092922

Quant Time: Oct 04 03:19:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	71715	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	233146	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	100213	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	171839	20.000	ng	0.00
76) Chrysene-d12	13.786	240	186533	20.000	ng	# 0.00
86) Perylene-d12	15.180	264	145407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	474722	114.814	ng	0.00
7) Phenol-d6	6.281	99	511472	98.864	ng	-0.01
23) Nitrobenzene-d5	7.204	82	324067	71.012	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	93751	97.634	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	469334	68.199	ng	-0.02
79) Terphenyl-d14	12.739	244	602047	53.464	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.939	128	132003	10.990	ng	99
37) 2-Methylnaphthalene	8.628	142	73195	9.558	ng	98
38) 1-Methylnaphthalene	8.728	142	74935	10.186	ng	100
46) 1,1'-Biphenyl	9.092	154	21466	2.868	ng	96
49) Acenaphthylene	9.528	152	58749	6.472	ng	96
52) Acenaphthene	9.698	154	76961	12.904	ng	99
55) Dibenzofuran	9.875	168	125742	15.157	ng	99
58) Fluorene	10.216	166	171052	25.212	ng	100
71) Phenanthrene	11.180	178	1337825	138.667	ng	99
72) Anthracene	11.227	178	312327	33.546	ng	100
73) Carbazole	11.386	167	144129	17.153	ng	99
75) Fluoranthene	12.369	202	1524376	163.514	ng	99
78) Pyrene	12.598	202	1369370	83.918	ng	100
81) Benzo(a)anthracene	13.780	228	697810	56.234	ng	98
83) Chrysene	13.816	228	585929	49.729	ng	96
87) Indeno(1,2,3-cd)pyrene	16.498	276	198424	19.243	ng	# 93
88) Benzo(b)fluoranthene	14.792	252	649625m	68.449	ng	
89) Benzo(k)fluoranthene	14.816	252	191701m	20.534	ng	
90) Benzo(a)pyrene	15.127	252	429876	57.173	ng	98
91) Dibenzo(a,h)anthracene	16.509	278	48785	5.767	ng	# 90
92) Benzo(g,h,i)perylene	16.898	276	180195	21.147	ng	98

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

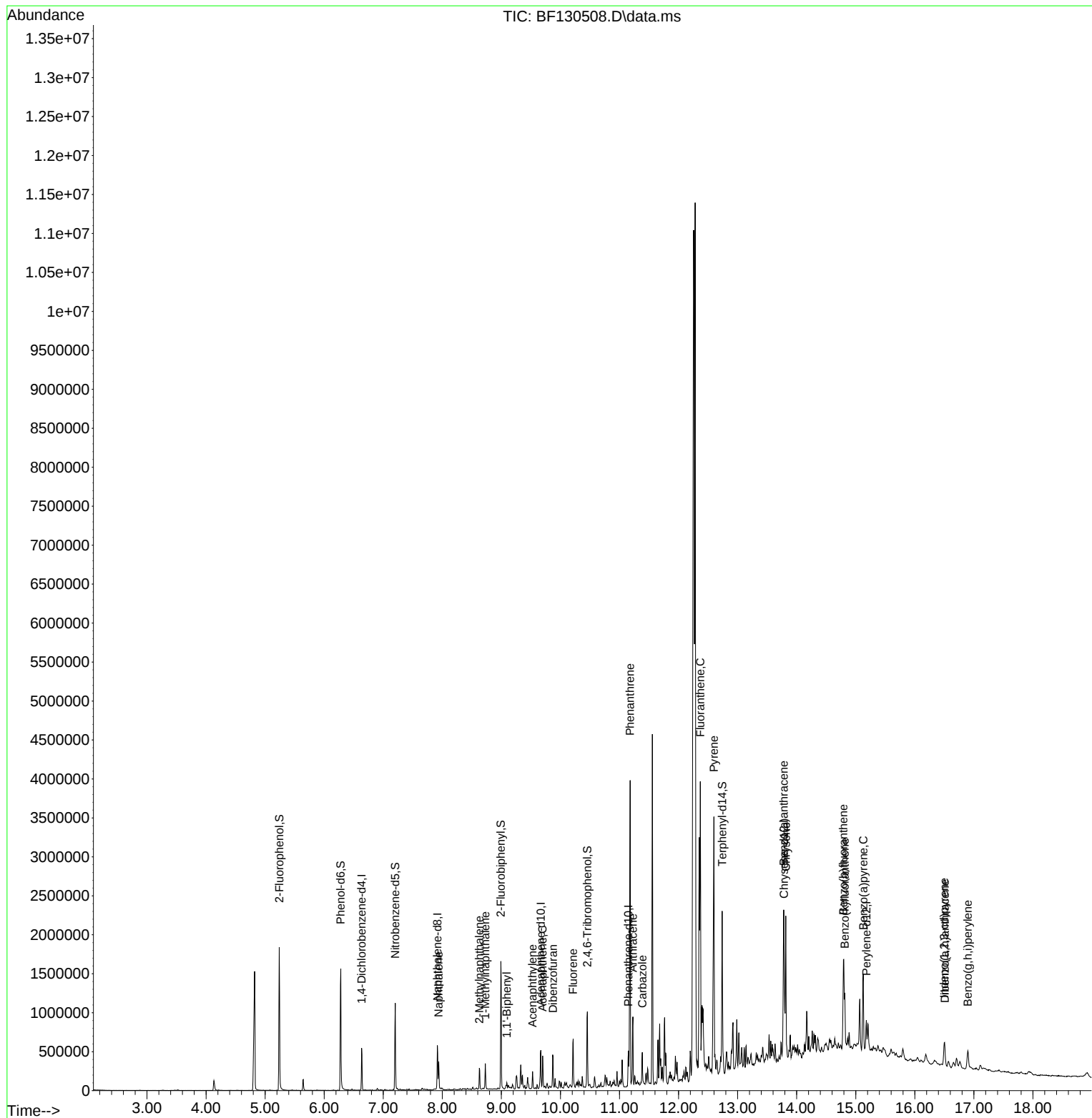
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130508.D
 Acq On : 03 Oct 2022 20:01
 Operator : CG\JU
 Sample : N4907-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-092922

Quant Time: Oct 04 03:19:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

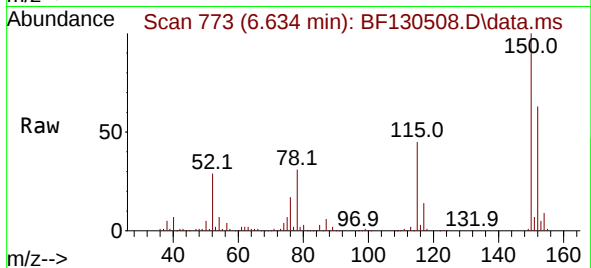
Reviewed By :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

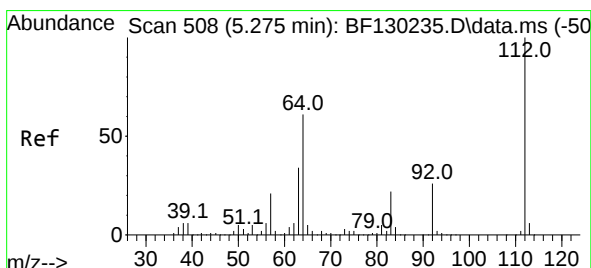
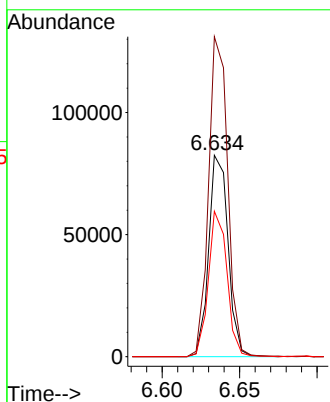
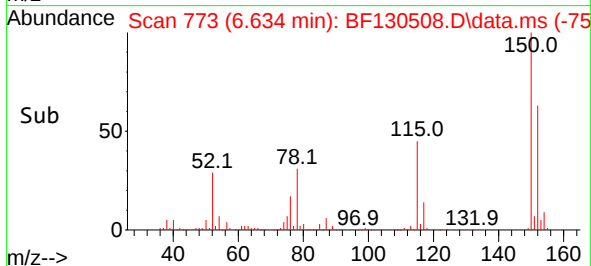
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



Tgt Ion:152 Resp: 71715
Ion Ratio Lower Upper
152 100
150 158.9 122.8 184.2
115 72.2 53.8 80.8

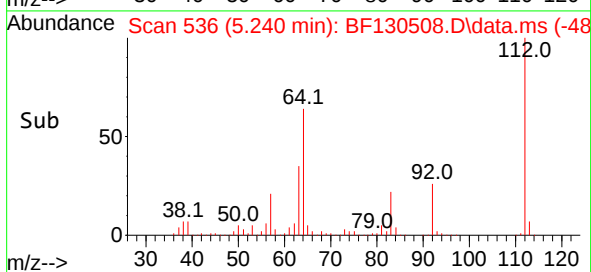
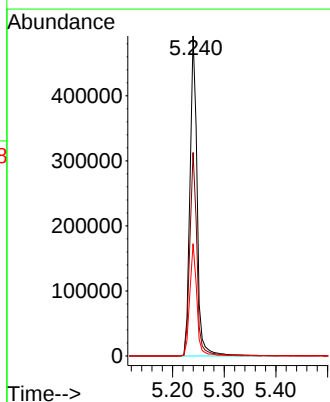
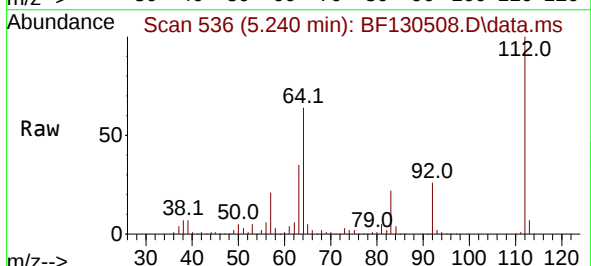
Manual Integrations
APPROVED

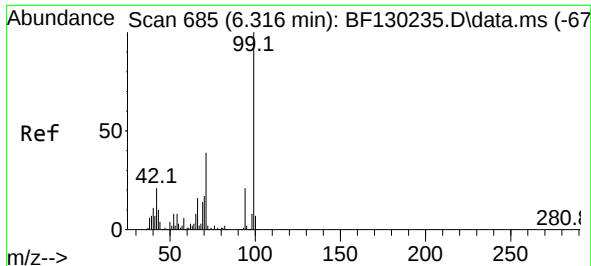
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#5
2-Fluorophenol
Concen: 114.814 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

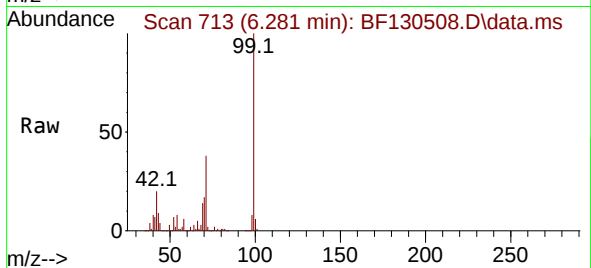
Tgt Ion:112 Resp: 474722
Ion Ratio Lower Upper
112 100
64 63.6 51.4 77.0
63 35.1 28.8 43.2





#7
Phenol-d6
Concen: 98.864 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

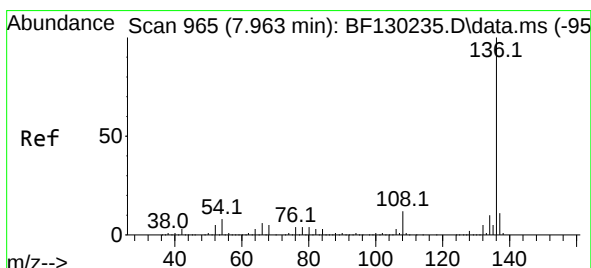
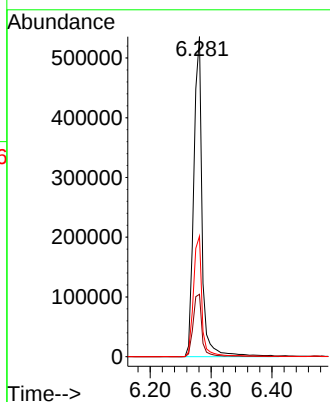
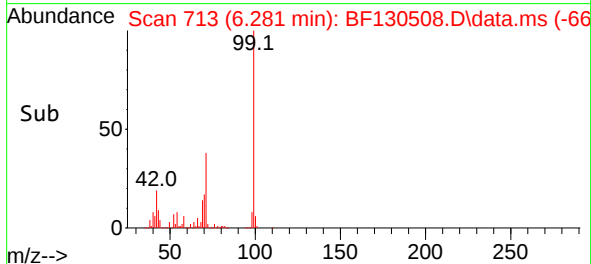
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



Tgt Ion: 99 Resp: 511472
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.6 32.3 48.5

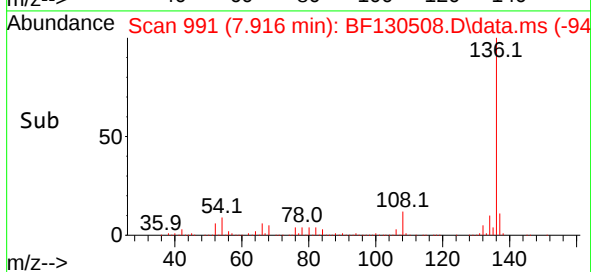
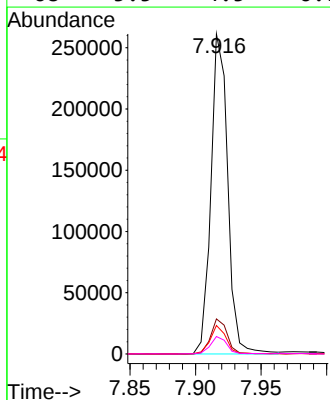
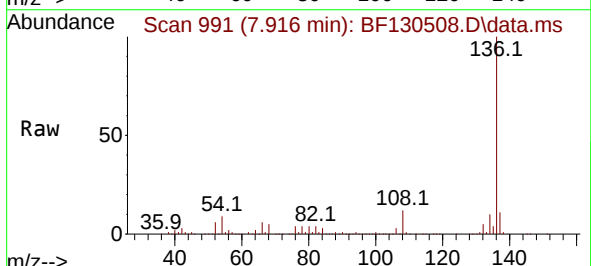
Manual Integrations
APPROVED

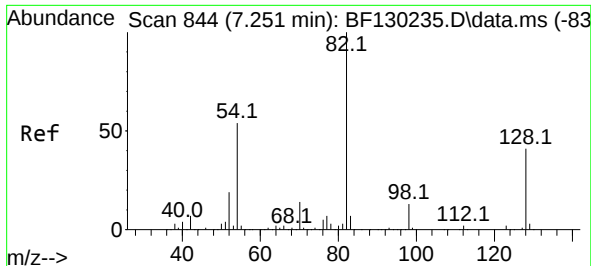
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:136 Resp: 233146
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.9 7.1 10.7
68 5.5 4.5 6.7





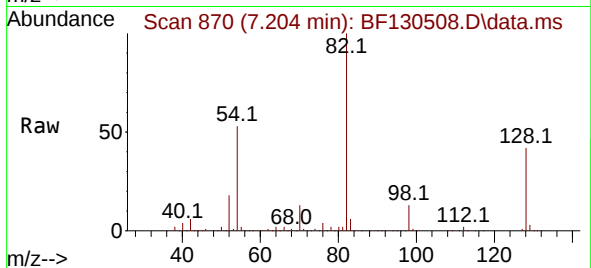
#23
Nitrobenzene-d5
Concen: 71.012 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-092922

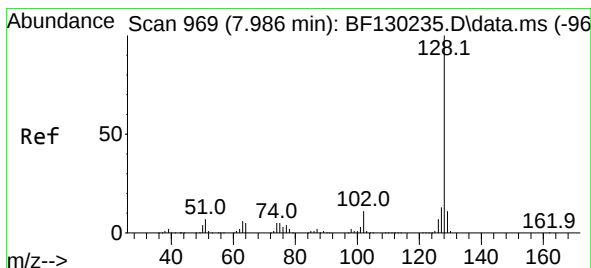
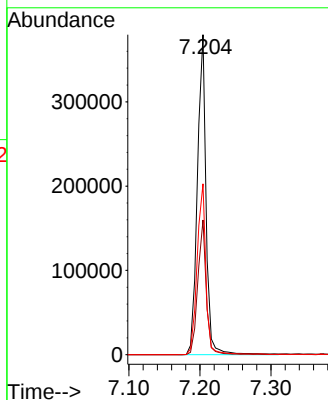
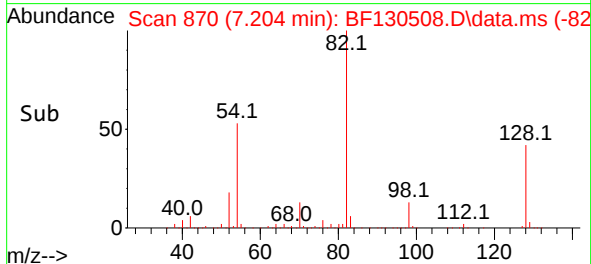


Tgt Ion: 82 Resp: 32406
Ion Ratio Lower Upper
82 100
128 42.1 32.6 49.0
54 53.4 43.8 65.6

Manual Integrations

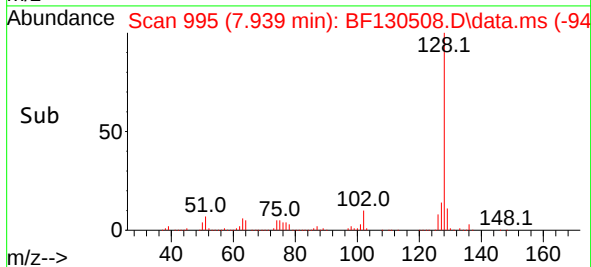
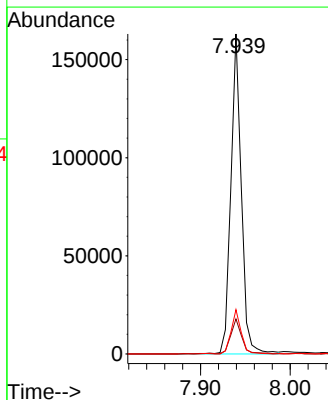
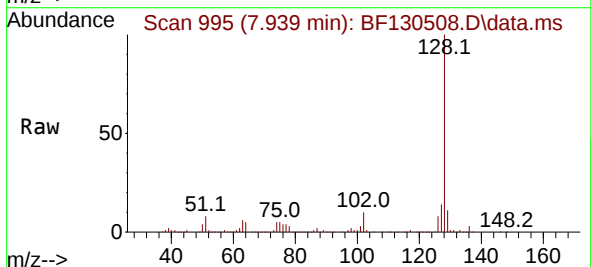
APPROVED

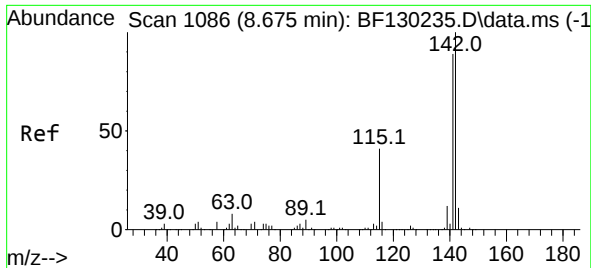
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#31
Naphthalene
Concen: 10.990 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

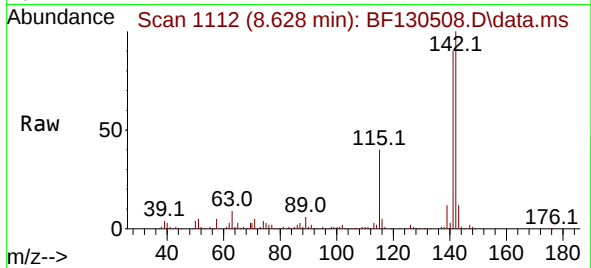
Tgt Ion:128 Resp: 132003
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.8 10.6 16.0





#37
2-Methylnaphthalene
Concen: 9.558 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

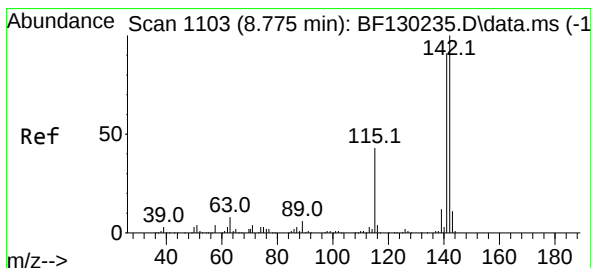
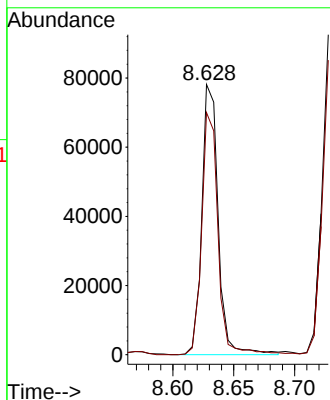
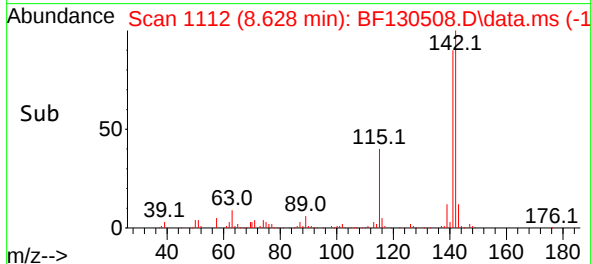
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



Tgt Ion:142 Resp: 7319
Ion Ratio Lower Upper
142 100
141 89.6 70.0 105.0

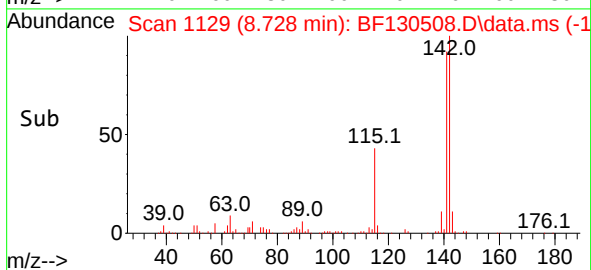
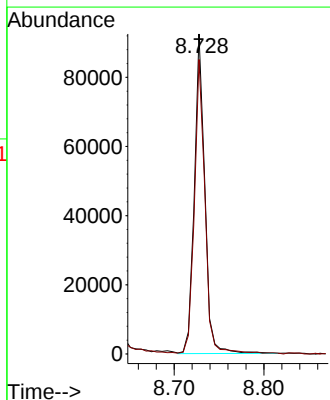
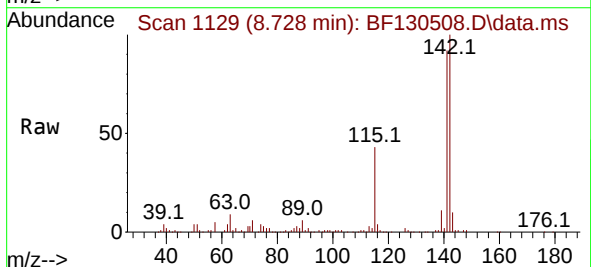
Manual Integrations
APPROVED

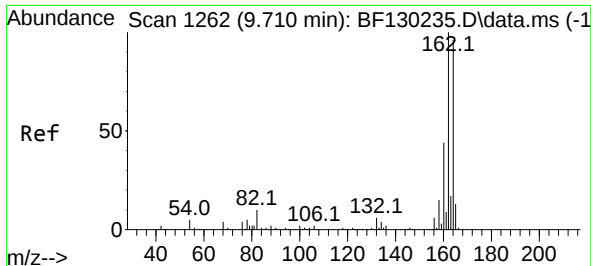
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#38
1-Methylnaphthalene
Concen: 10.186 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:142 Resp: 74935
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130508.D

Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-092922

Tgt Ion:164 Resp: 10021

Ion Ratio Lower Upper

164 100

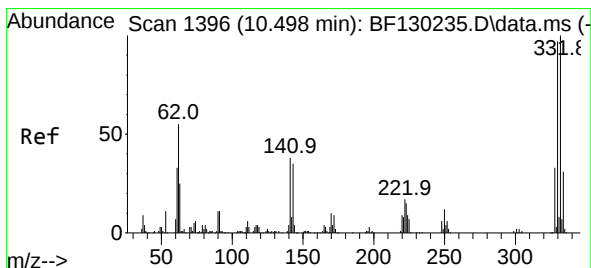
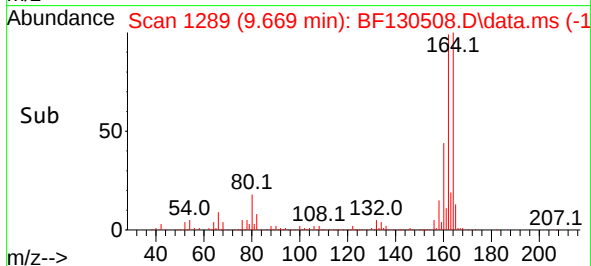
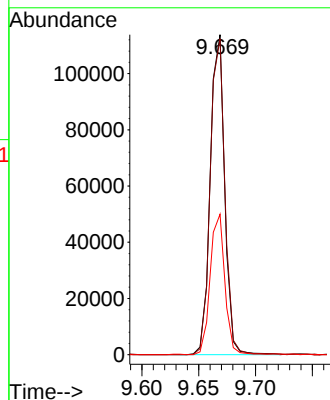
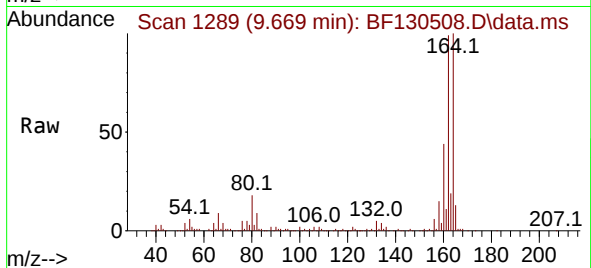
162 98.7 81.4 122.0

160 43.9 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#42

2,4,6-Tribromophenol

Concen: 97.634 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130508.D

Acq: 03 Oct 2022 20:01

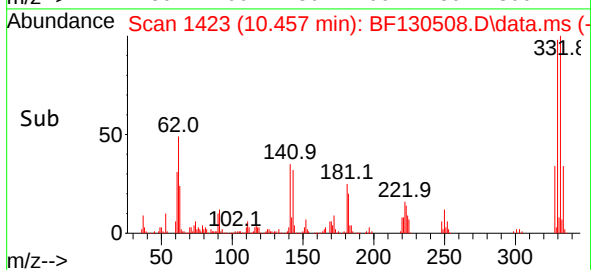
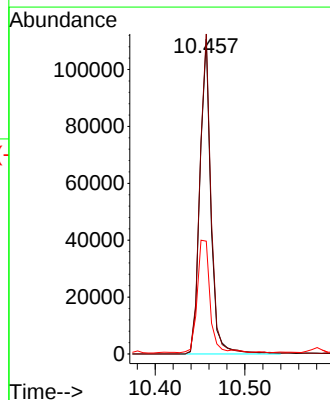
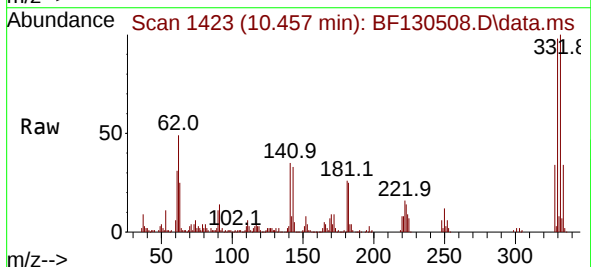
Tgt Ion:330 Resp: 93751

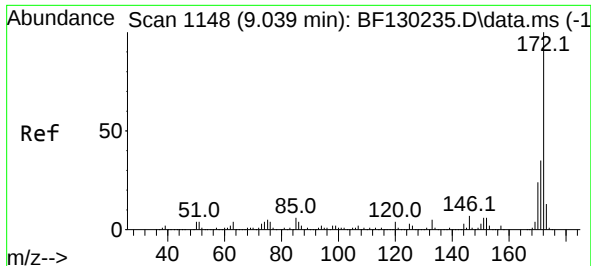
Ion Ratio Lower Upper

330 100

332 102.9 83.4 125.2

141 41.7 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 68.199 ng

RT: 8.992 min Scan# 1119

Delta R.T. -0.018 min

Lab File: BF130508.D

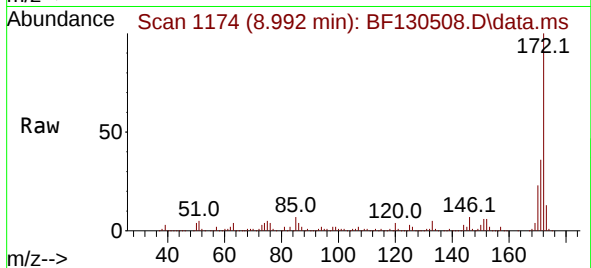
Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-092922



Tgt Ion:172 Resp: 469334

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

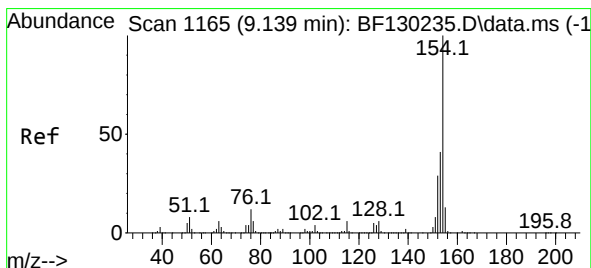
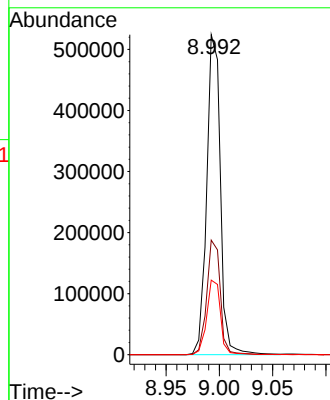
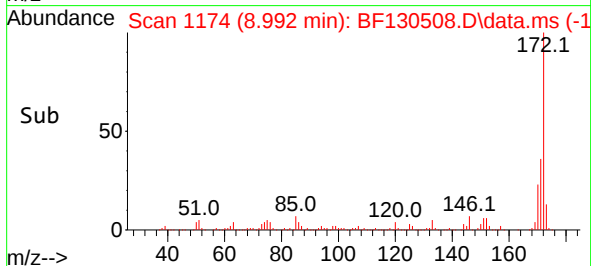
170 23.3 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022

Supervised By :mohammad ahmed 10/06/2022



#46

1,1'-Biphenyl

Concen: 2.868 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF130508.D

Acq: 03 Oct 2022 20:01

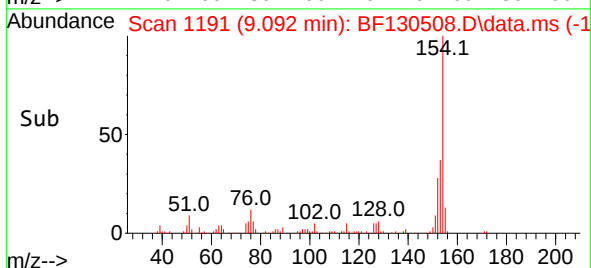
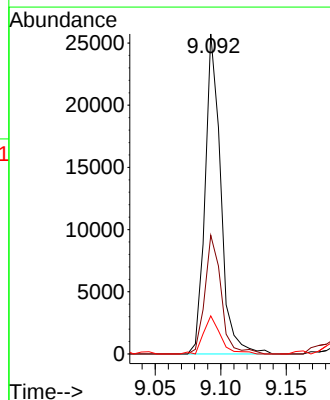
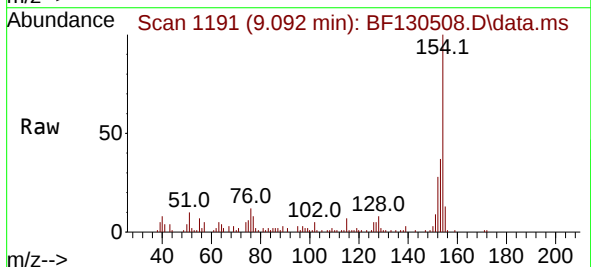
Tgt Ion:154 Resp: 21466

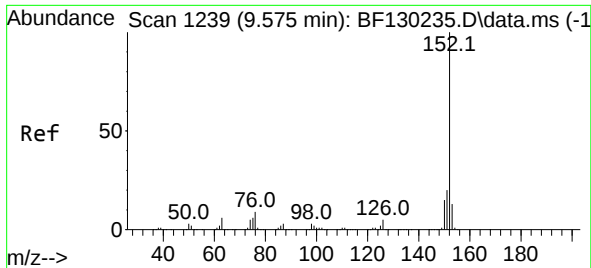
Ion Ratio Lower Upper

154 100

153 37.1 20.0 60.0

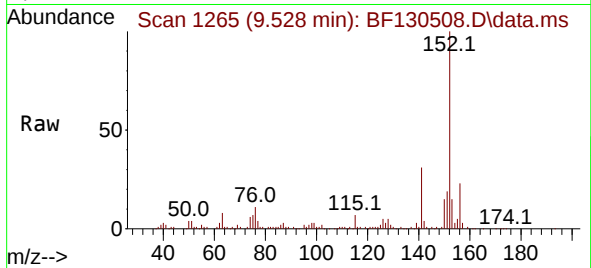
76 11.9 0.0 33.3





#49
Acenaphthylene
Concen: 6.472 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

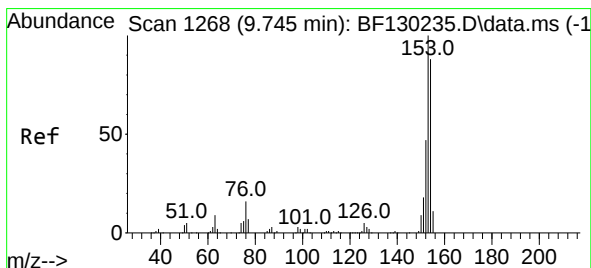
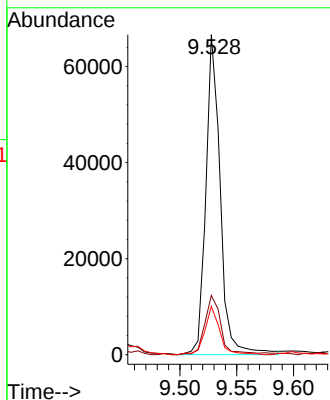
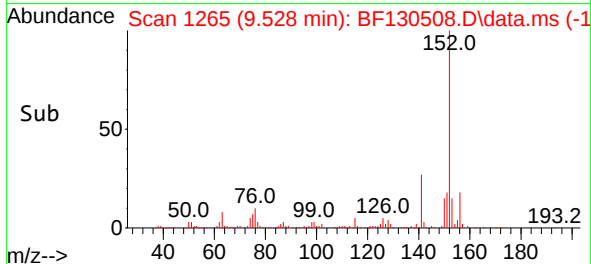
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



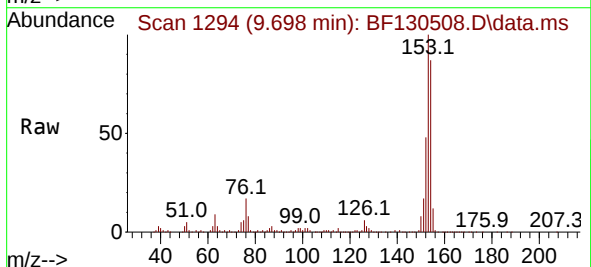
Tgt Ion:152 Resp: 58749
Ion Ratio Lower Upper
152 100
151 18.5 16.2 24.2
153 15.1 10.6 15.8

Manual Integrations
APPROVED

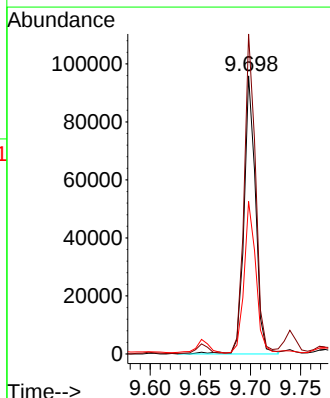
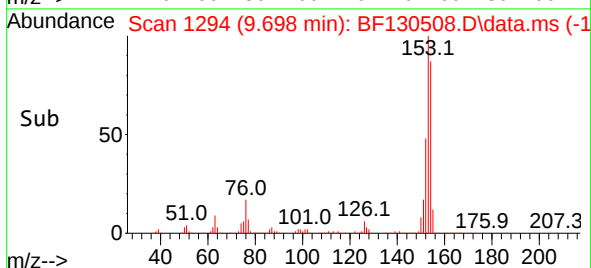
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

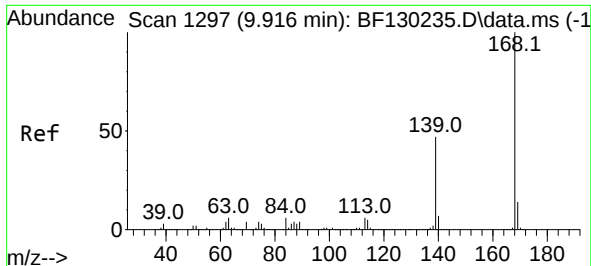


#52
Acenaphthene
Concen: 12.904 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01



Tgt Ion:154 Resp: 76961
Ion Ratio Lower Upper
154 100
153 115.1 90.6 136.0
152 54.8 43.8 65.6





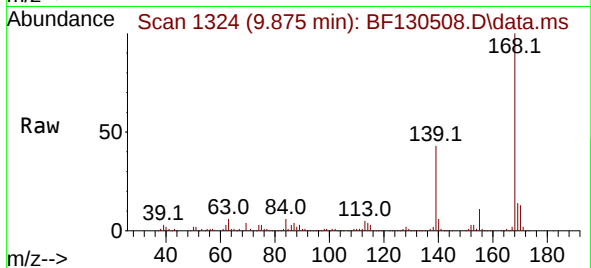
#55
Dibenzenofuran
Concen: 15.157 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-092922

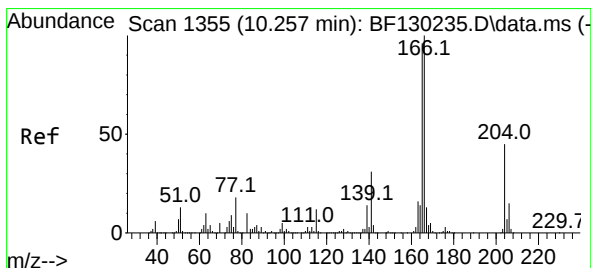
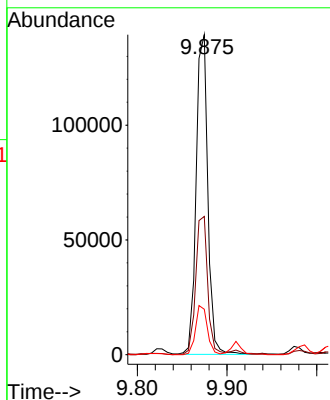
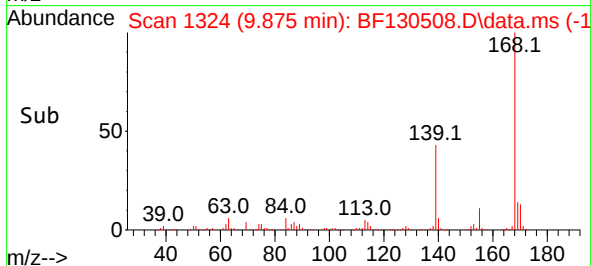


Tgt Ion:168 Resp: 12574
Ion Ratio Lower Upper
168 100
139 43.2 35.0 52.4
169 14.2 10.9 16.3

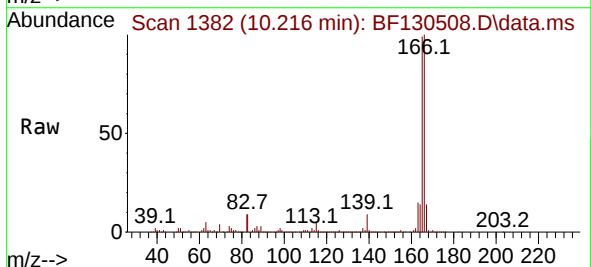
Manual Integrations

APPROVED

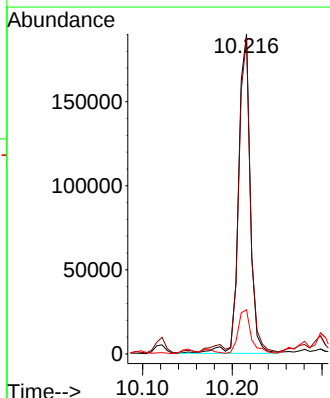
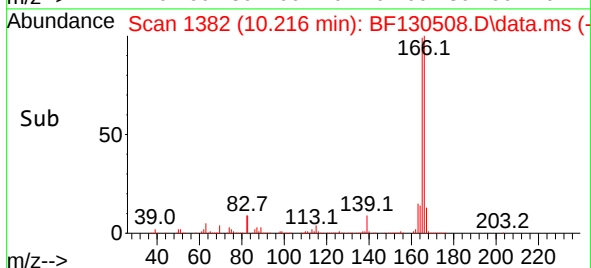
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

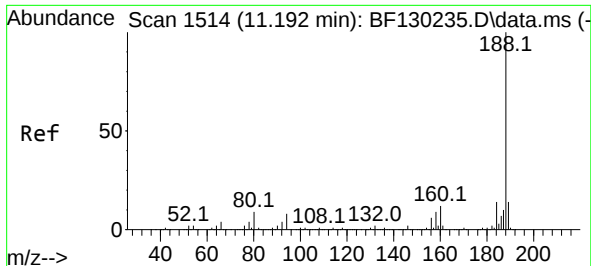


#58
Fluorene
Concen: 25.212 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01



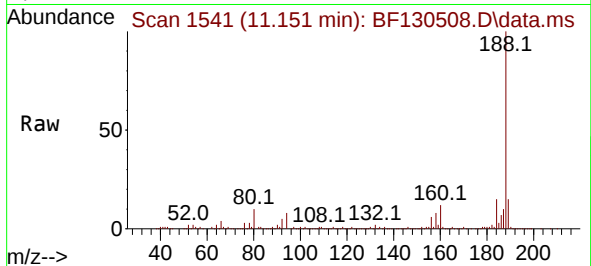
Tgt Ion:166 Resp: 171052
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.8 10.6 15.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

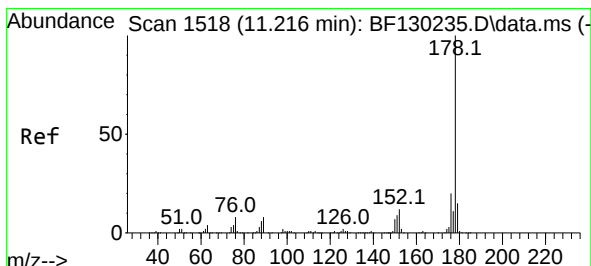
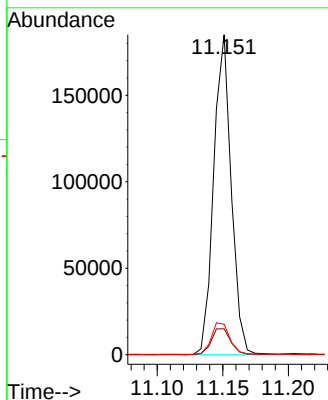
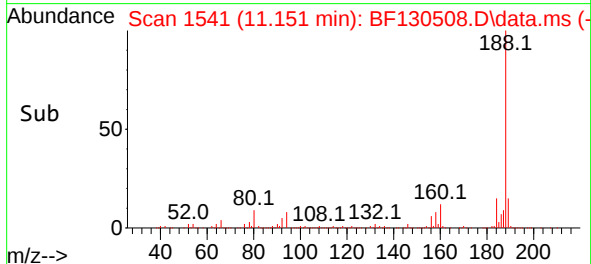
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



Tgt Ion:188 Resp: 171839
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.5 7.9 11.9

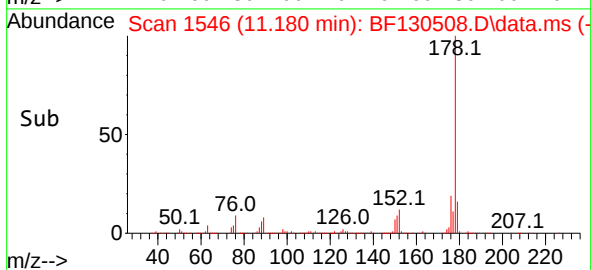
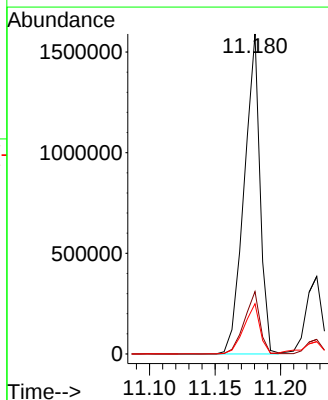
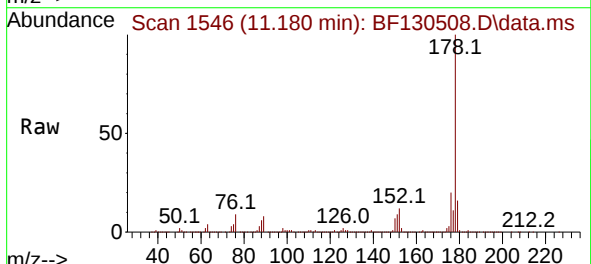
Manual Integrations
APPROVED

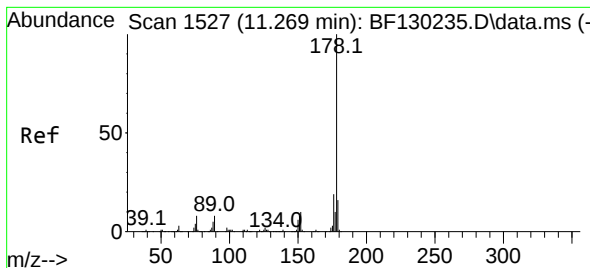
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#71
Phenanthrene
Concen: 138.667 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:178 Resp: 1337825
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.4 18.6





#72

Anthracene

Concen: 33.546 ng

RT: 11.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130508.D

Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-092922

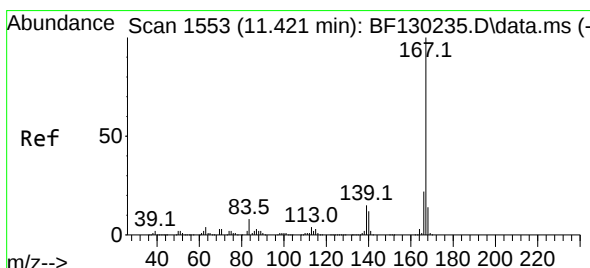
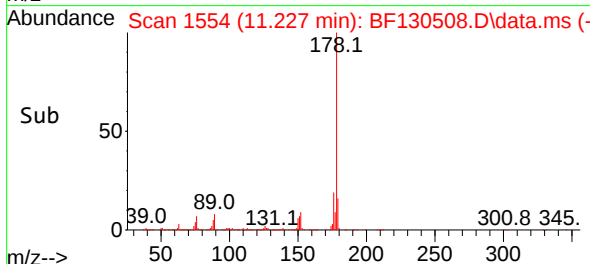
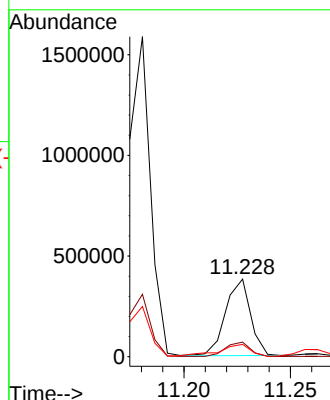
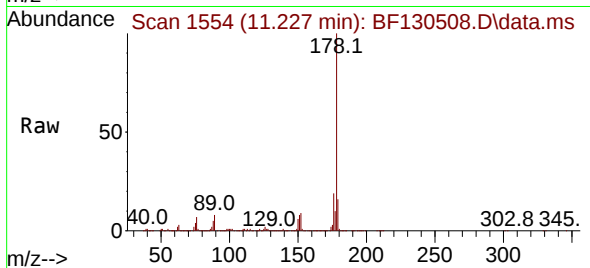
Tgt Ion:178 Resp: 31232

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#73

Carbazole

Concen: 17.153 ng

RT: 11.386 min Scan# 1581

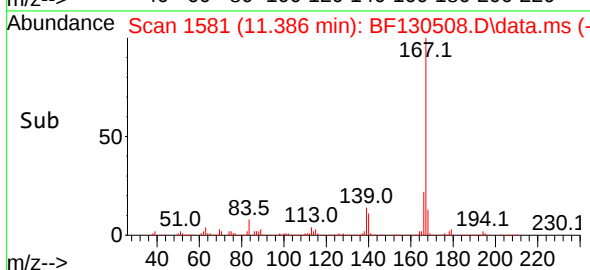
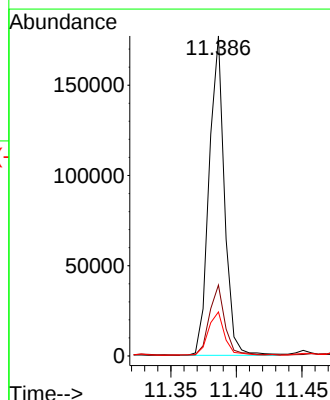
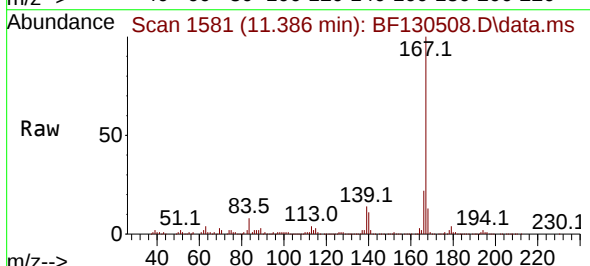
Delta R.T. -0.006 min

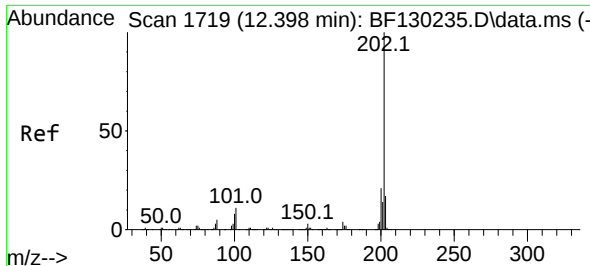
Lab File: BF130508.D

Acq: 03 Oct 2022 20:01

Tgt Ion:167 Resp: 144129

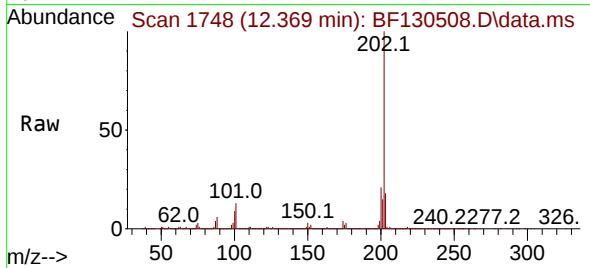
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	13.8	11.6	17.4





#75
Fluoranthene
Concen: 163.514 ng
RT: 12.369 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

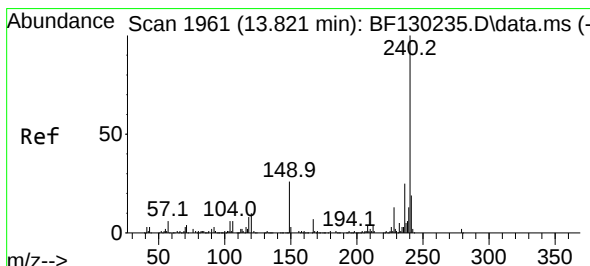
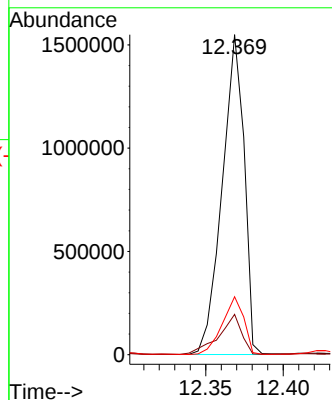
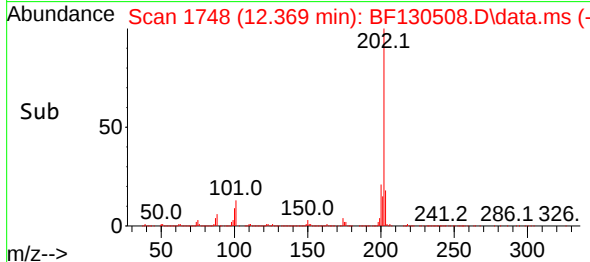
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



Tgt Ion:202 Resp: 1524370
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.8
203 18.1 0.0 37.8

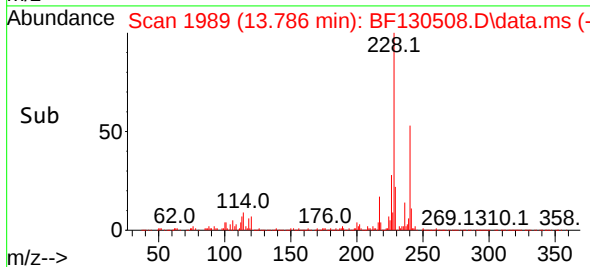
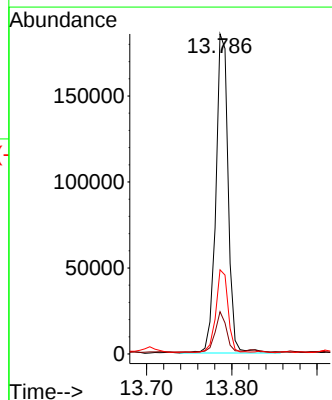
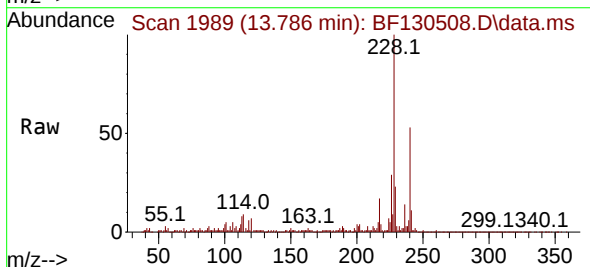
Manual Integrations
APPROVED

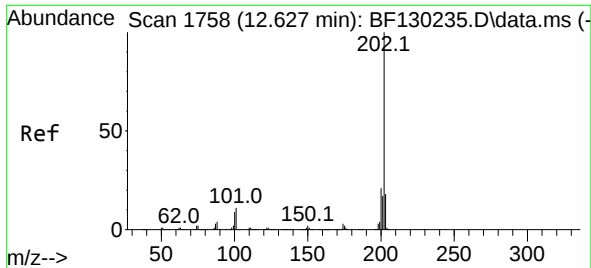
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

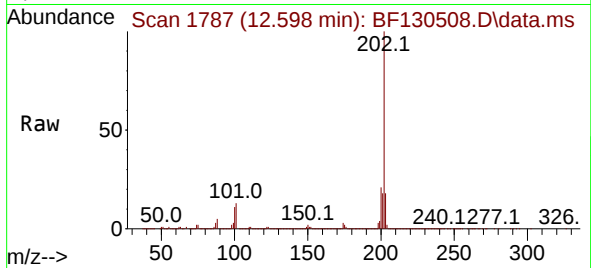
Tgt Ion:240 Resp: 186533
Ion Ratio Lower Upper
240 100
120 13.2 8.7 13.1#
236 26.3 20.9 31.3





#78
Pyrene
Concen: 83.918 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

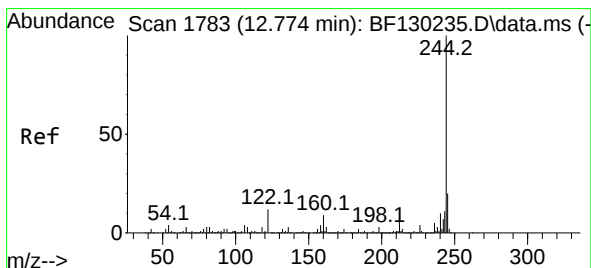
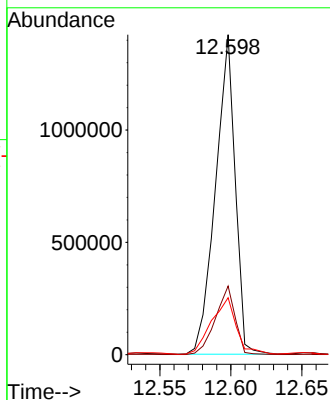
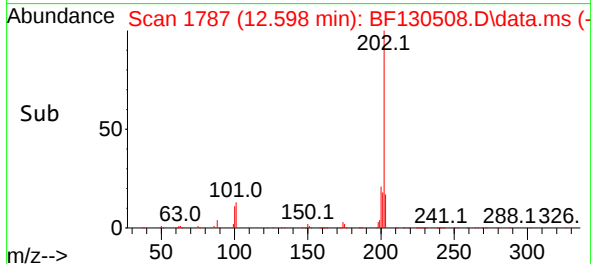
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



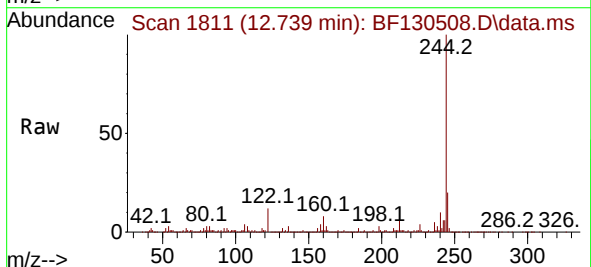
Tgt Ion:202 Resp: 1369370
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.8 14.3 21.5

Manual Integrations
APPROVED

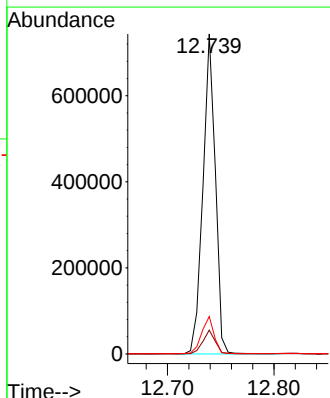
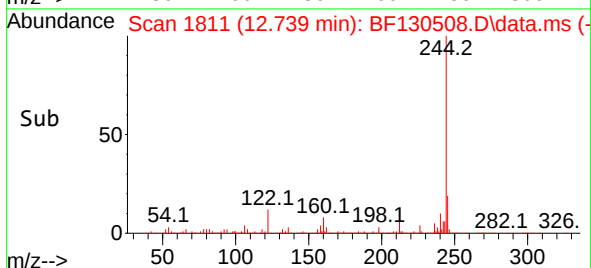
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

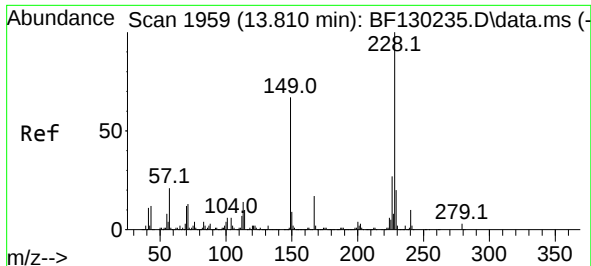


#79
Terphenyl-d14
Concen: 53.464 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01



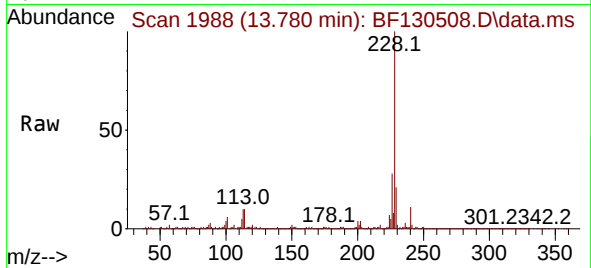
Tgt Ion:244 Resp: 602047
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.7 8.5 12.7





#81
Benzo(a)anthracene
Concen: 56.234 ng
RT: 13.780 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

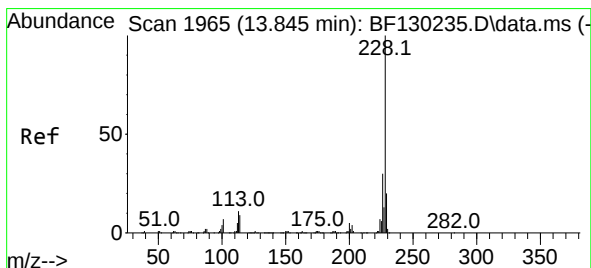
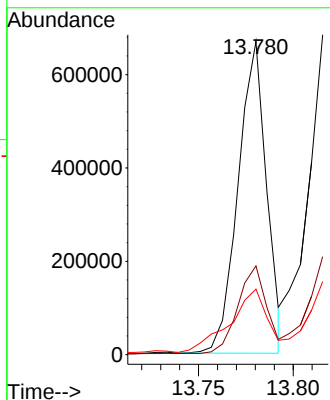
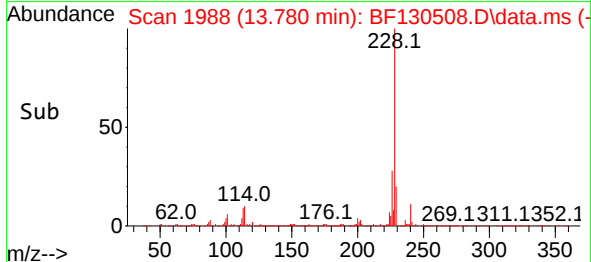
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



Tgt Ion:228 Resp: 697810
Ion Ratio Lower Upper
228 100
226 28.4 21.9 32.9
229 20.9 16.1 24.1

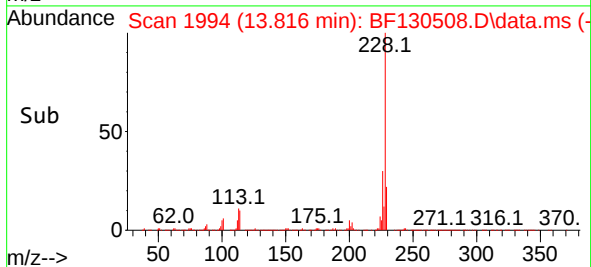
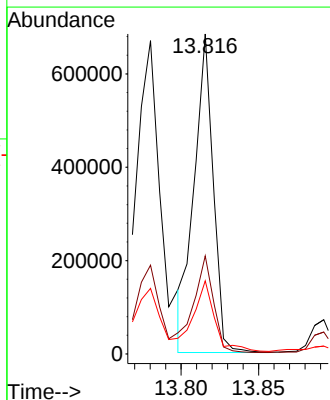
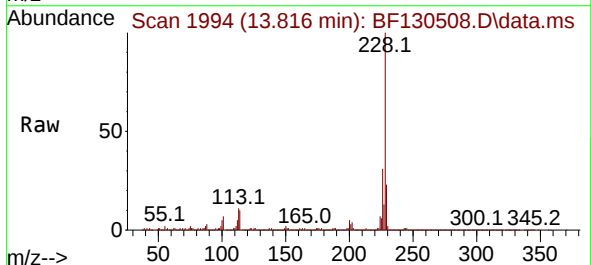
Manual Integrations
APPROVED

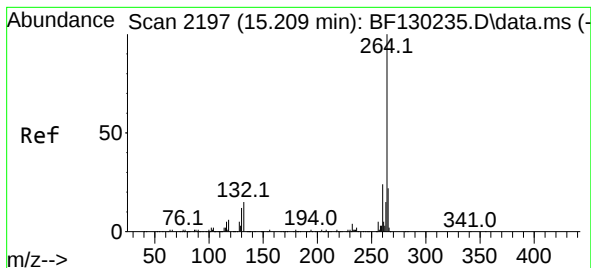
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#83
Chrysene
Concen: 49.729 ng
RT: 13.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:228 Resp: 585929
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 22.8 15.3 22.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.180 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF130508.D

Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

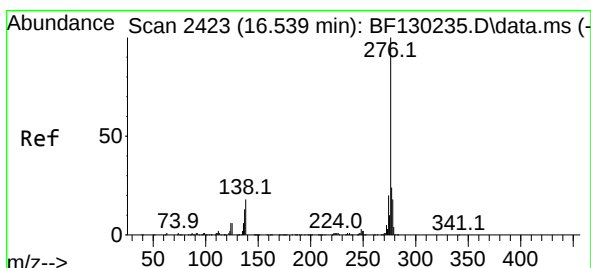
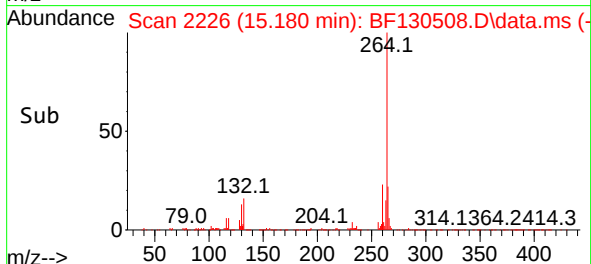
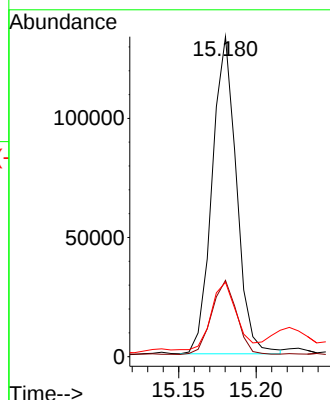
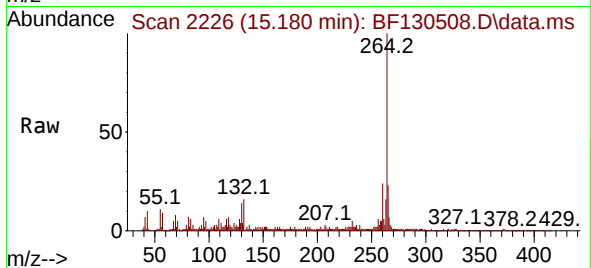
SU-03-092922

Tgt Ion:	264	Resp:	14540
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.3	28.9
265	23.2	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 19.243 ng

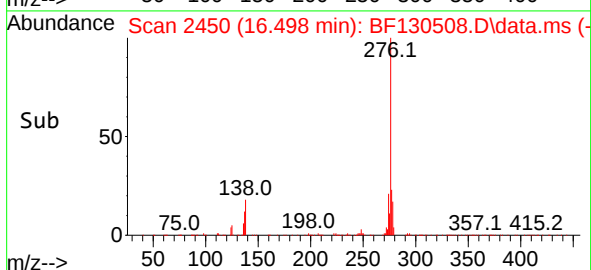
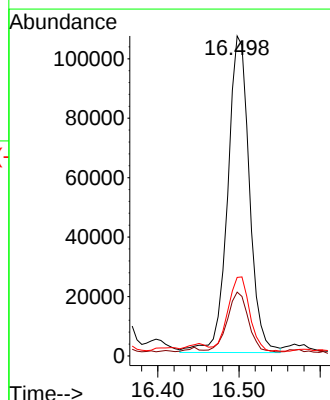
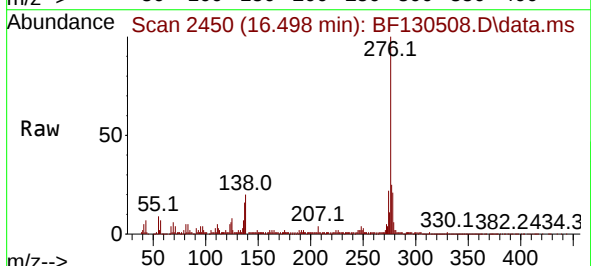
RT: 16.498 min Scan# 2450

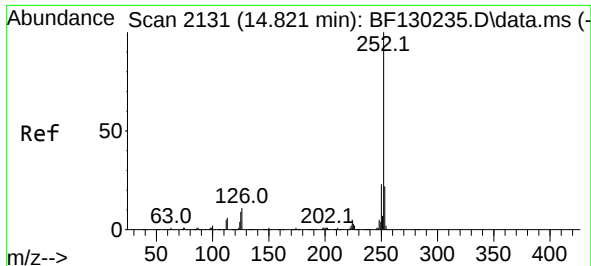
Delta R.T. 0.000 min

Lab File: BF130508.D

Acq: 03 Oct 2022 20:01

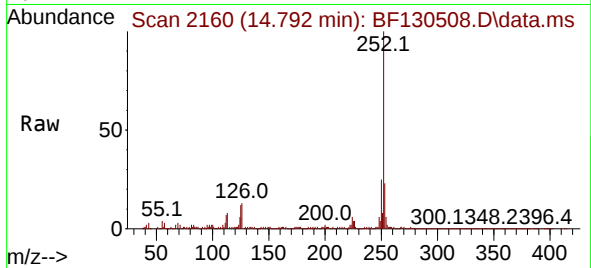
Tgt Ion:	276	Resp:	198424
Ion Ratio	Lower	Upper	
276	100		
138	18.3	18.5	27.7#
277	23.2	20.2	30.4





#88
Benzo(b)fluoranthene
Concen: 68.449 ng m
RT: 14.792 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

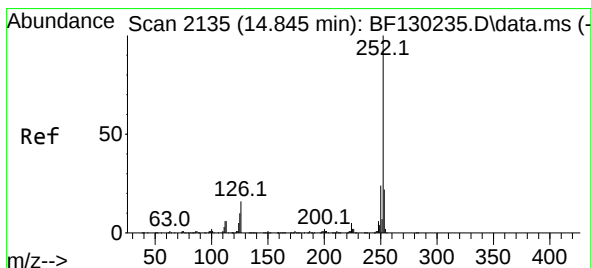
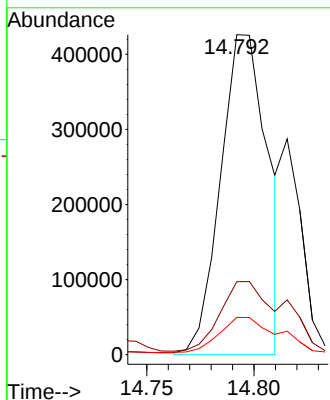
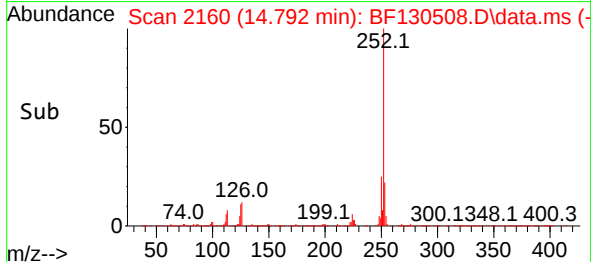
Instrument :
BNA_F
ClientSampleId :
SU-03-092922



Tgt Ion:252 Resp: 64962
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.7 8.1 12.1

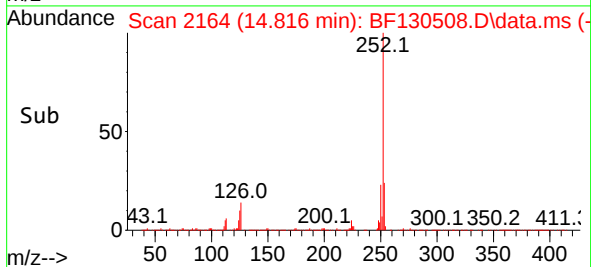
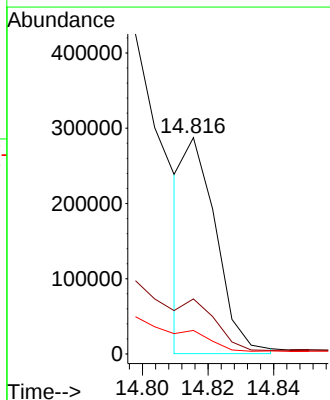
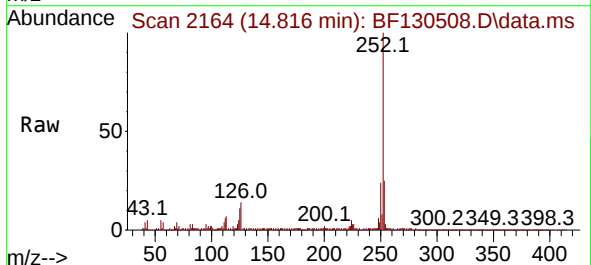
Manual Integrations
APPROVED

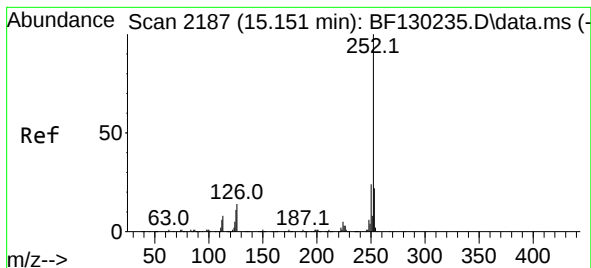
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#89
Benzo(k)fluoranthene
Concen: 20.534 ng m
RT: 14.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:252 Resp: 191701
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 10.9 7.9 11.9





#90
Benzo(a)pyrene
Concen: 57.173 ng
RT: 15.127 min Scan# 2187
Delta R.T. 0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

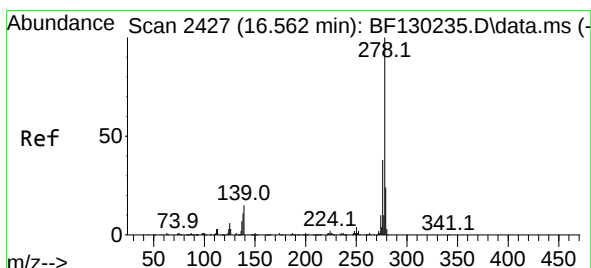
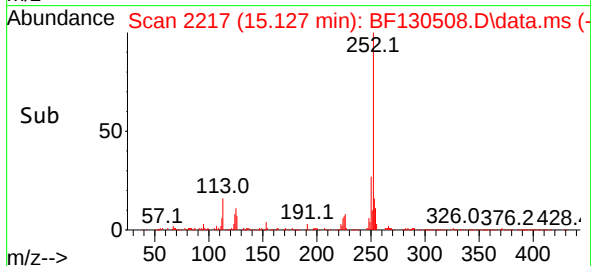
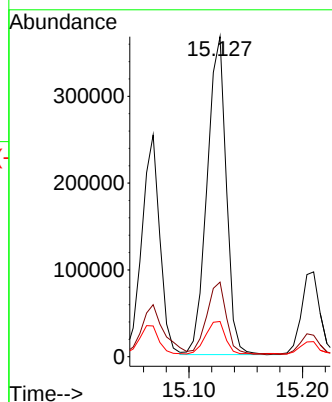
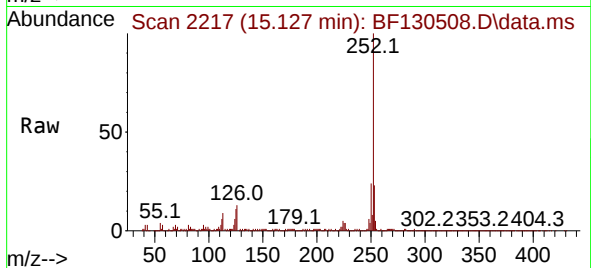
SU-03-092922

Tgt Ion:252 Resp: 429870
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 11.0 9.0 13.6

Manual Integrations

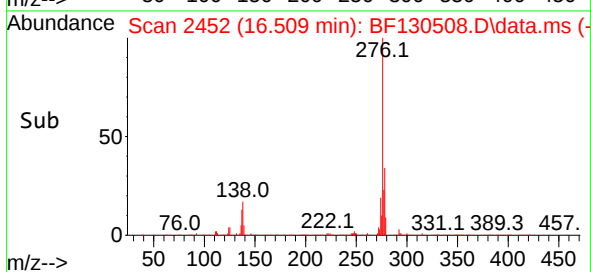
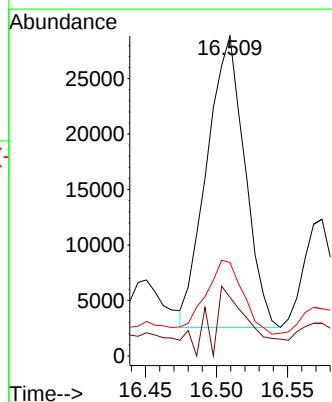
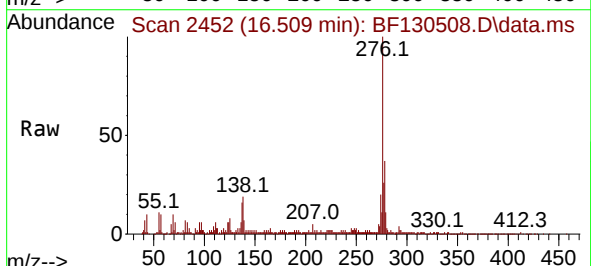
APPROVED

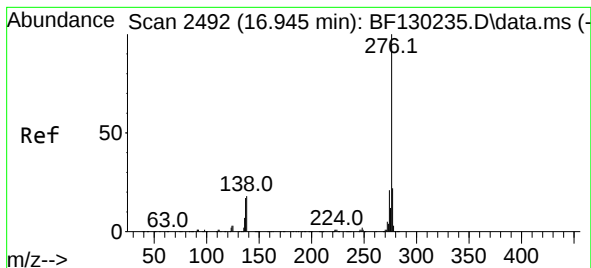
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#91
Dibenzo(a,h)anthracene
Concen: 5.767 ng
RT: 16.509 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:278 Resp: 48785
Ion Ratio Lower Upper
278 100
139 18.3 11.8 17.8#
279 29.2 19.4 29.0#





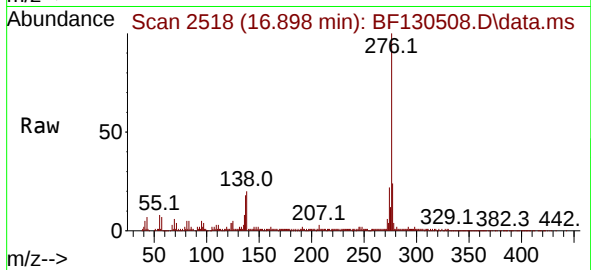
#92
 Benzo(g,h,i)perylene
 Concen: 21.147 ng
 RT: 16.898 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130508.D
 Acq: 03 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-092922



Tgt Ion: 276 Resp: 18019
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 27.8
 138 20.1 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022

