

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136893.D
 Acq On : 03 Jan 2024 02:40
 Operator : CG\JU
 Sample : 05899-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 03 04:21:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74983	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	280277	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	138588	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	241386	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	137140	20.000	ng	-0.01
86) Perylene-d12	15.439	264	147470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	422495	87.915	ng	0.00
7) Phenol-d6	6.434	99	527784	84.757	ng	0.00
23) Nitrobenzene-d5	7.345	82	319229	58.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	136459	83.605	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	612136	59.407	ng	-0.02
79) Terphenyl-d14	12.898	244	515337	52.513	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.327	178	45366	3.663	ng	99
72) Anthracene	11.380	178	58730	4.682	ng	99
75) Fluoranthene	12.521	202	58983	4.452	ng	96
78) Pyrene	12.751	202	46574	3.460	ng	97
81) Benzo(a)anthracene	13.951	228	21329	2.240	ng	98
83) Chrysene	13.986	228	20426	2.193	ng	97
84) Bis(2-ethylhexyl)phtha...	13.939	149	13033	2.115	ng	# 96
88) Benzo(b)fluoranthene	15.004	252	33358m	3.387	ng	
90) Benzo(a)pyrene	15.374	252	26425	3.178	ng	98
92) Benzo(g,h,i)perylene	17.398	276	18190	2.033	ng	97

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

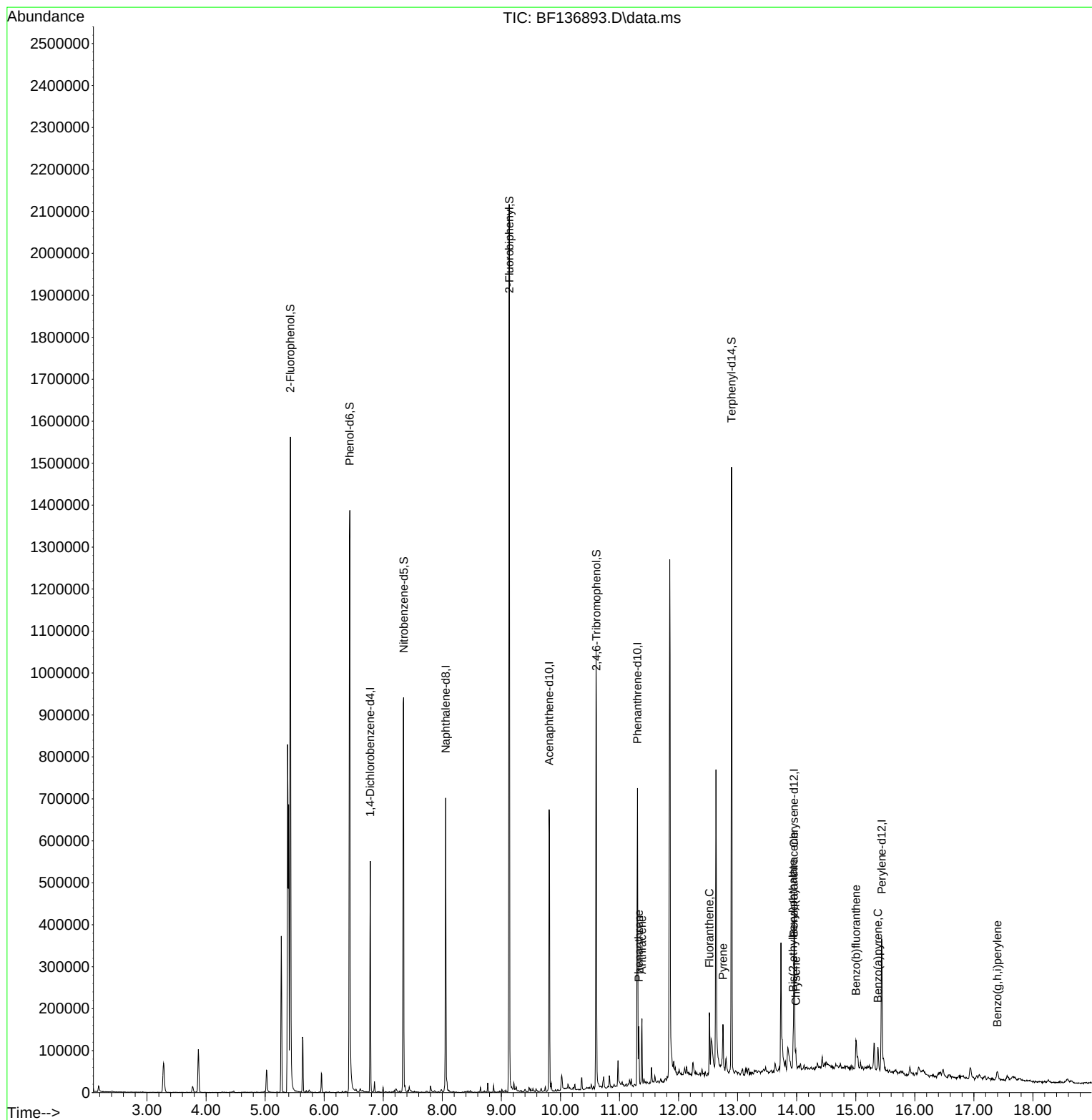
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136893.D
Acq On : 03 Jan 2024 02:40
Operator : CG\JU
Sample : 05899-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

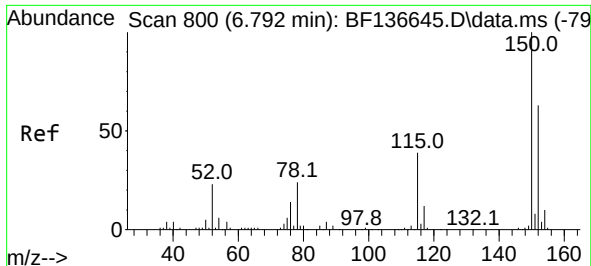
Instrument :
BNA_F
ClientSampleId :
GHL-SS-13

Quant Time: Jan 03 04:21:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

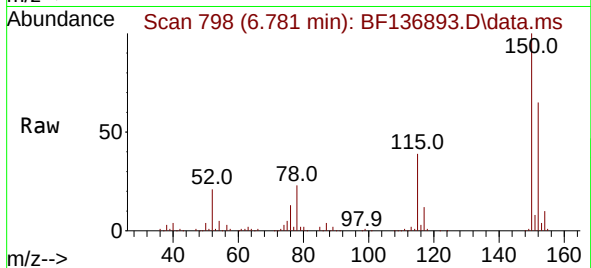
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7498
Delta R.T. -0.011 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

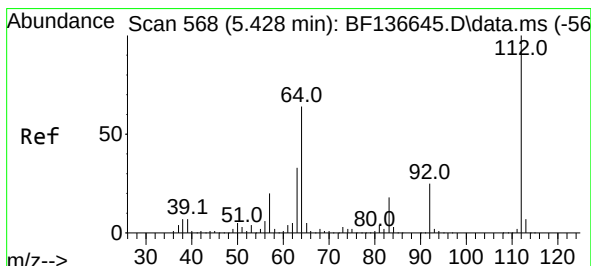
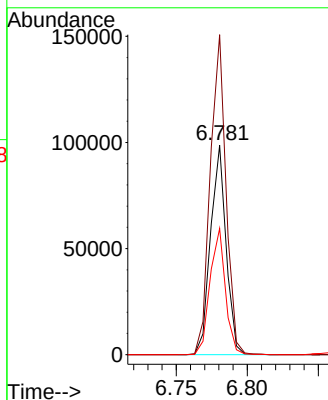
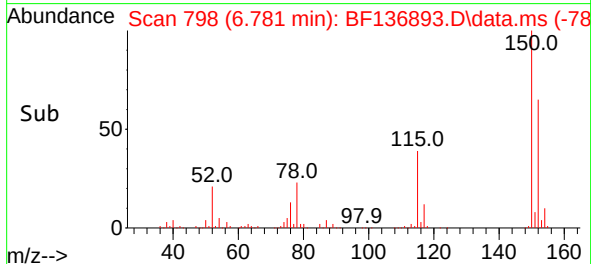
Instrument :
BNA_F
ClientSampleId :
GHL-SS-13



Tgt Ion:152 Resp: 7498
Ion Ratio Lower Upper
152 100
150 152.8 127.0 190.6
115 60.3 49.0 73.4

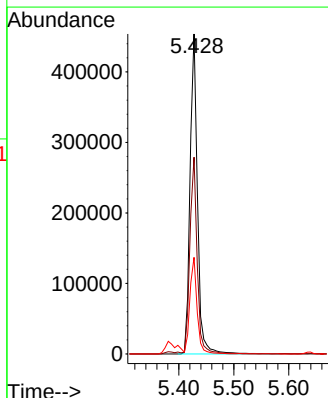
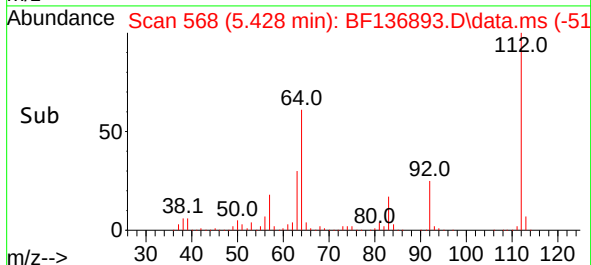
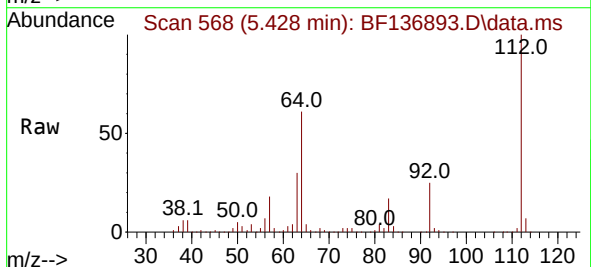
Manual Integrations
APPROVED

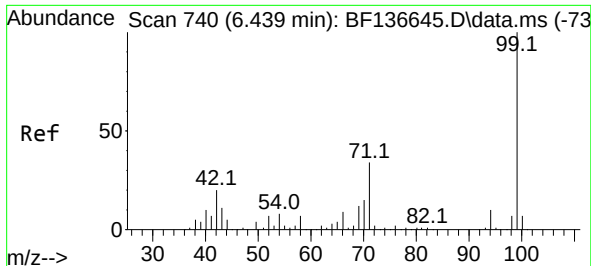
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#5
2-Fluorophenol
Concen: 87.915 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

Tgt Ion:112 Resp: 422495
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 30.2 26.1 39.1





#7

Phenol-d6

Concen: 84.757 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136893.D

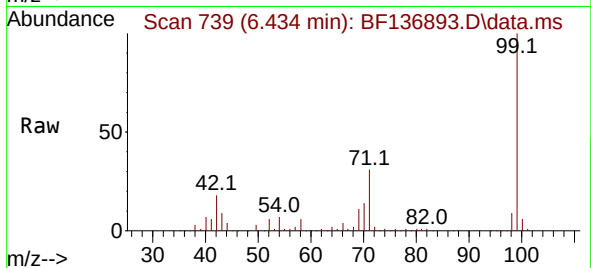
Acq: 03 Jan 2024 02:40

Instrument :

BNA_F

ClientSampleId :

GHL-SS-13



Tgt Ion: 99 Resp: 527784

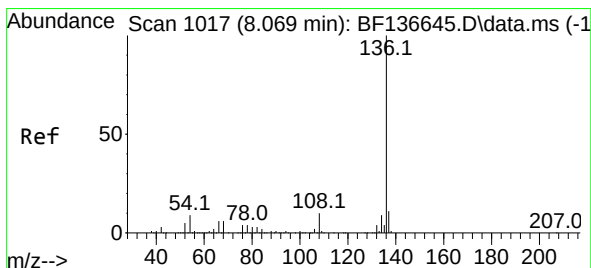
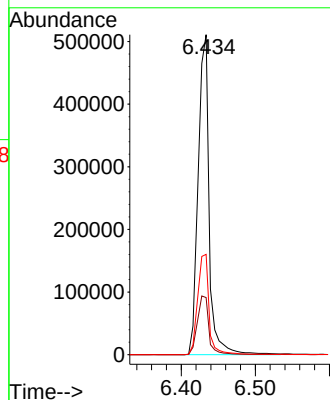
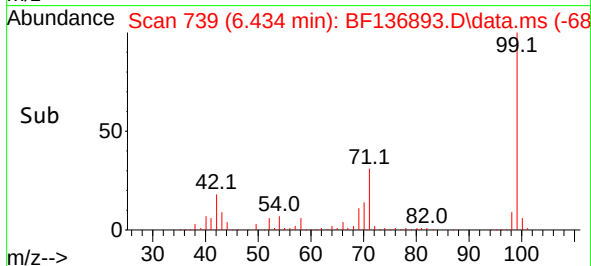
Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.1	24.1
71	31.4	27.4	41.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

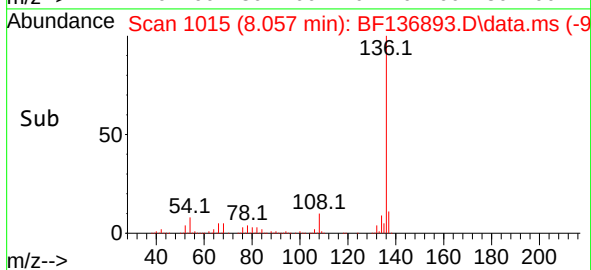
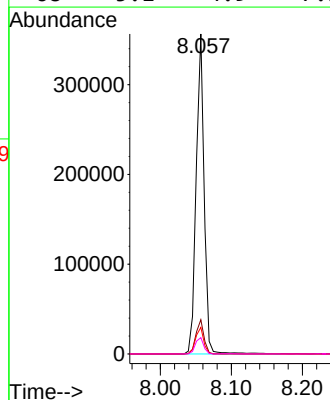
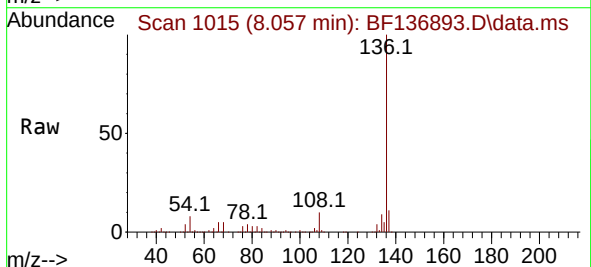
Delta R.T. -0.012 min

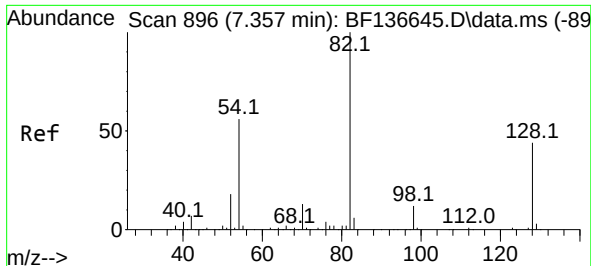
Lab File: BF136893.D

Acq: 03 Jan 2024 02:40

Tgt Ion:136 Resp: 280277

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.3	7.2	10.8
68	5.1	4.9	7.3





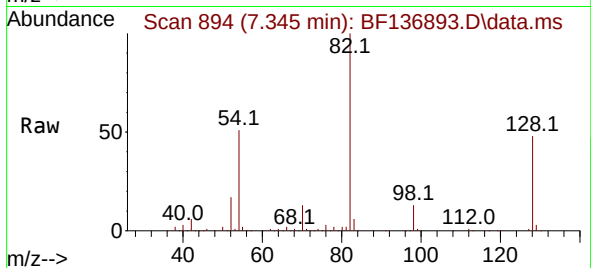
#23
Nitrobenzene-d5
Concen: 58.283 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

Instrument :

BNA_F

ClientSampleId :

GHL-SS-13

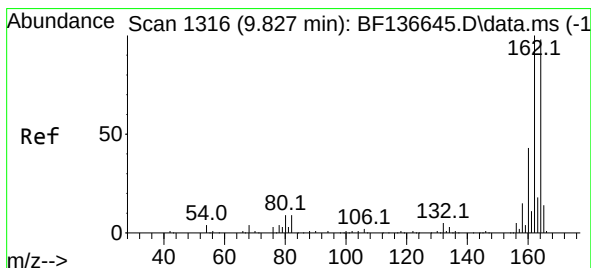
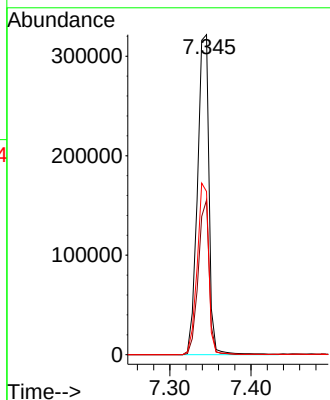
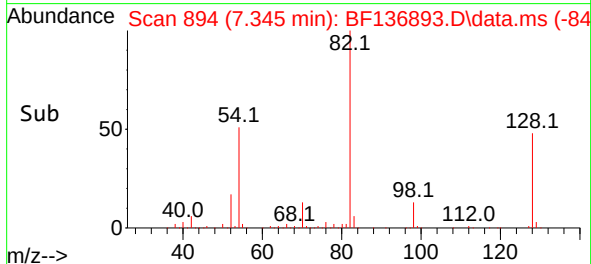


Tgt Ion: 82 Resp: 319229
Ion Ratio Lower Upper
82 100
128 48.3 35.3 52.9
54 51.0 44.5 66.7

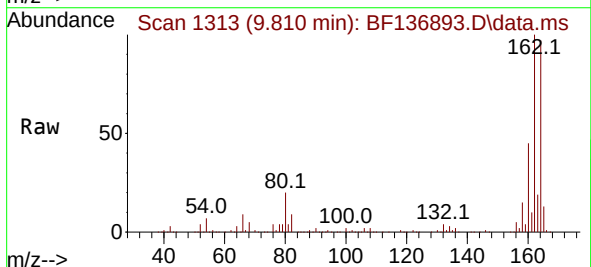
Manual Integrations

APPROVED

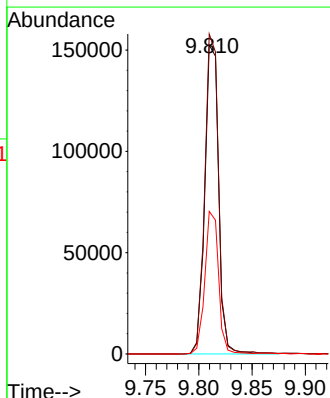
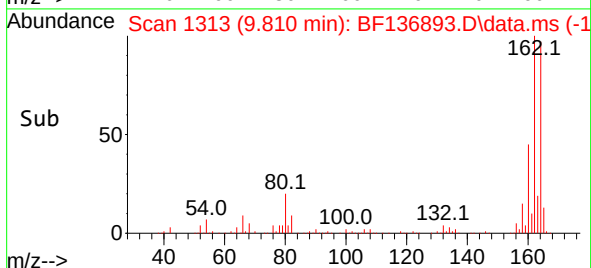
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

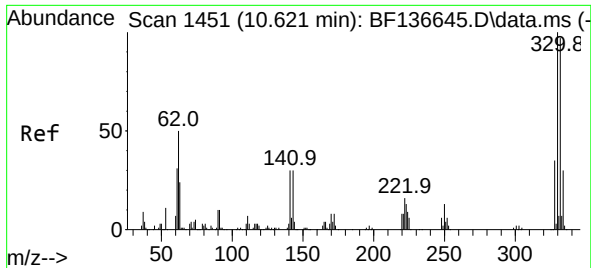


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40



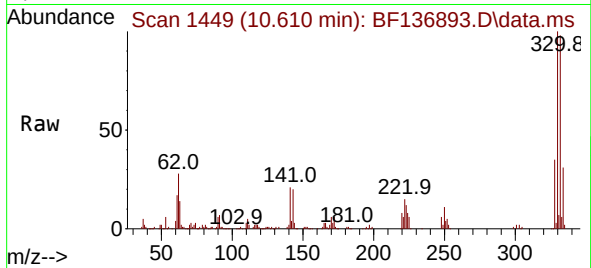
Tgt Ion:164 Resp: 138588
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 46.2 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 83.605 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

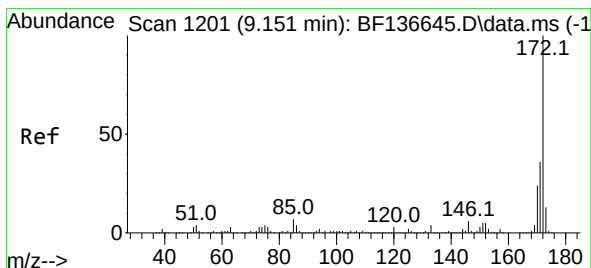
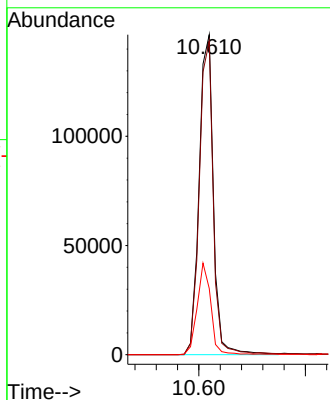
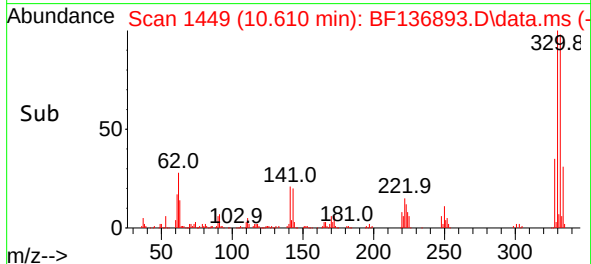
Instrument :
BNA_F
ClientSampleId :
GHL-SS-13



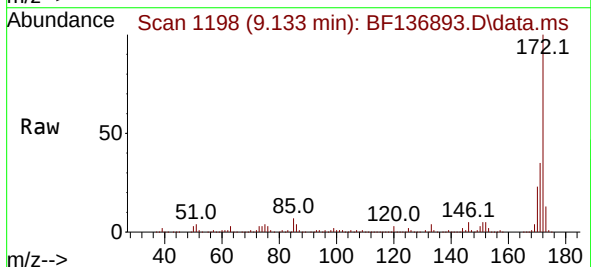
Tgt Ion: 330 Resp: 136459
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 27.5 23.4 35.2

Manual Integrations
APPROVED

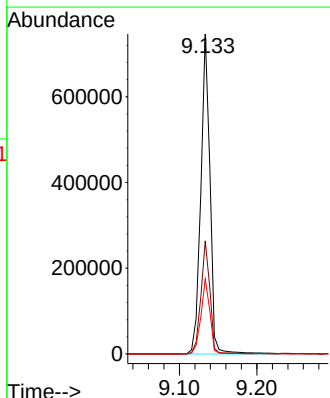
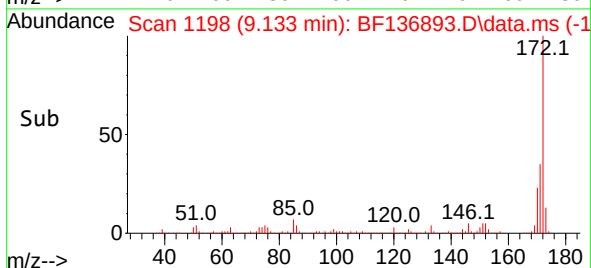
Reviewed By : Yogesh Patel 01/03/2024
Supervised By : mohammad ahmed 01/03/2024

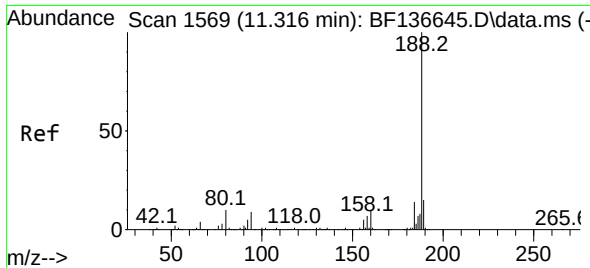


#45
2-Fluorobiphenyl
Concen: 59.407 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40



Tgt Ion: 172 Resp: 612136
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.4 19.0 28.4





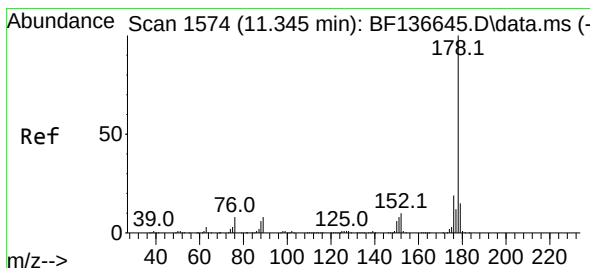
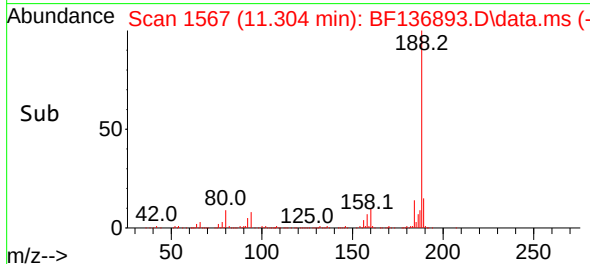
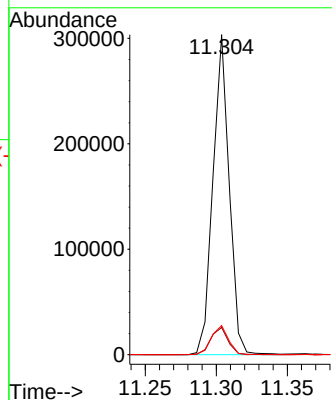
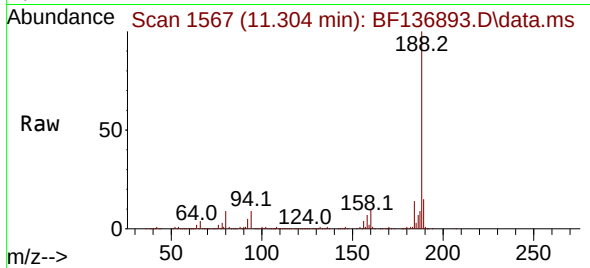
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

Instrument :
BNA_F
ClientSampleId :
GHL-SS-13

Tgt Ion:188 Resp: 241386
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.1 8.1 12.1

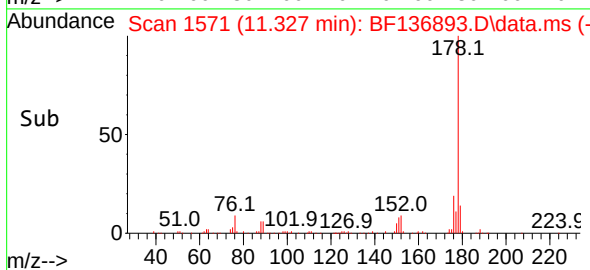
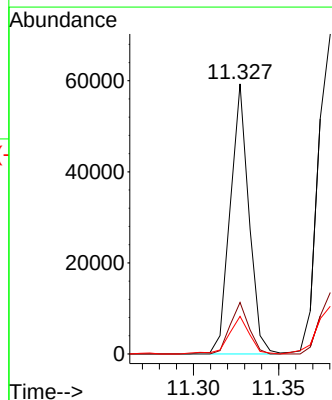
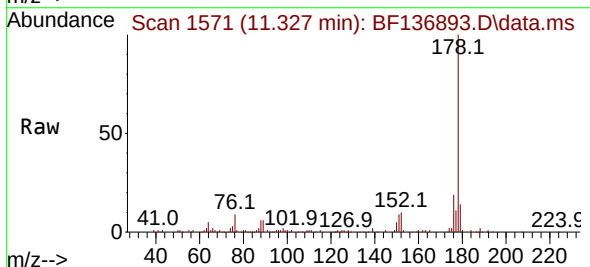
Manual Integrations
APPROVED

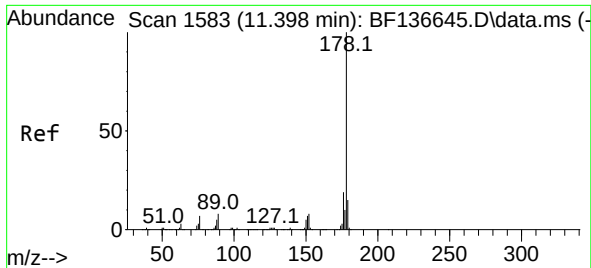
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#71
Phenanthrene
Concen: 3.663 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.018 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

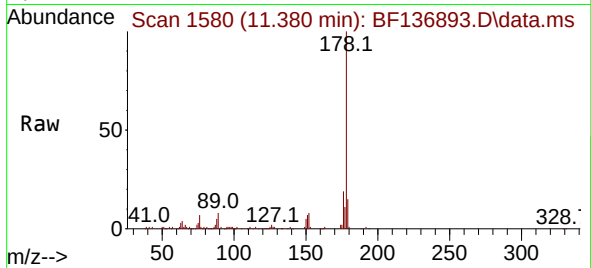
Tgt Ion:178 Resp: 45366
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 13.9 11.9 17.9





#72
Anthracene
Concen: 4.682 ng
RT: 11.380 min Scan# 11380
Delta R.T. -0.018 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

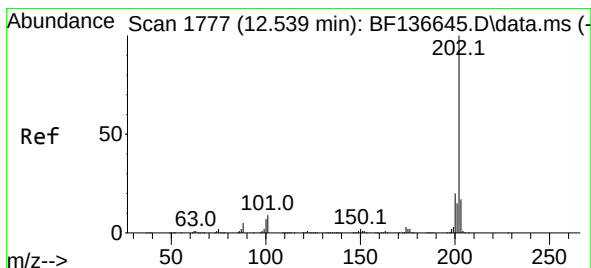
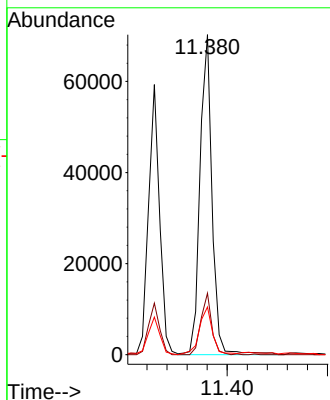
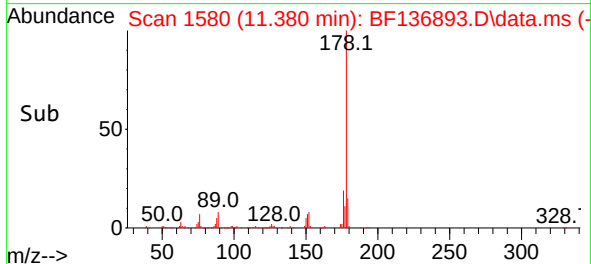
Instrument :
BNA_F
ClientSampleId :
GHL-SS-13



Tgt Ion:178 Resp: 58730
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 14.9 11.8 17.6

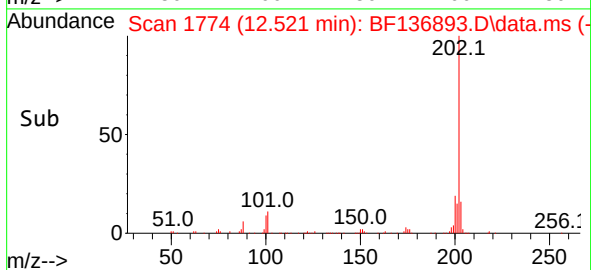
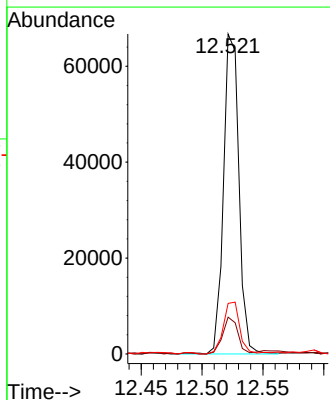
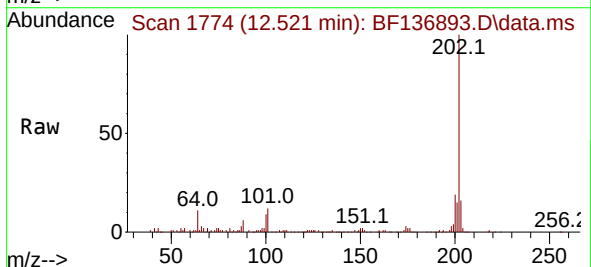
Manual Integrations
APPROVED

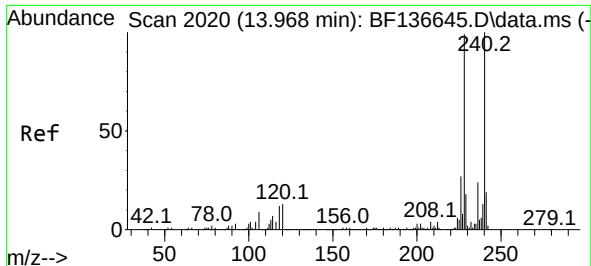
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#75
Fluoranthene
Concen: 4.452 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.018 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

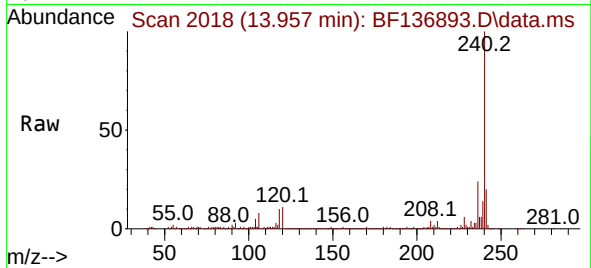
Tgt Ion:202 Resp: 58983
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.3
203 15.8 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

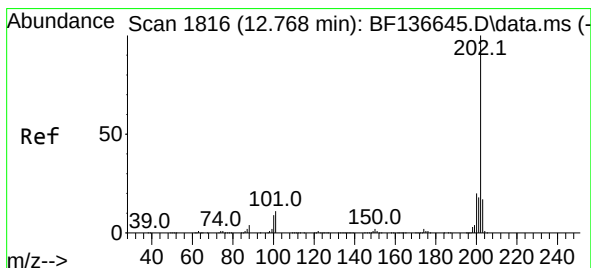
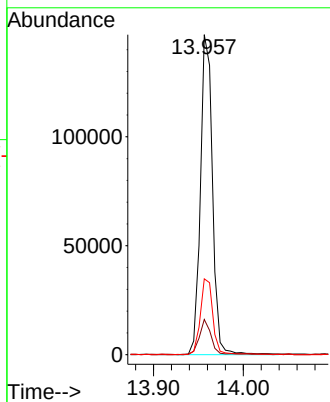
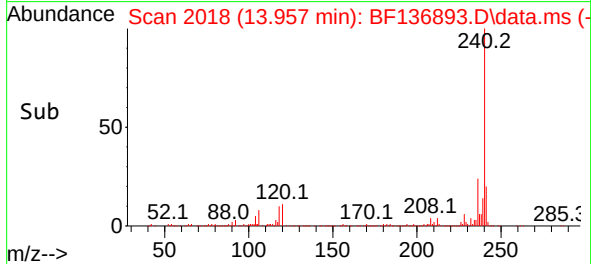
Instrument :
BNA_F
ClientSampleId :
GHL-SS-13



Tgt Ion:240 Resp: 137140
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 23.7 19.4 29.2

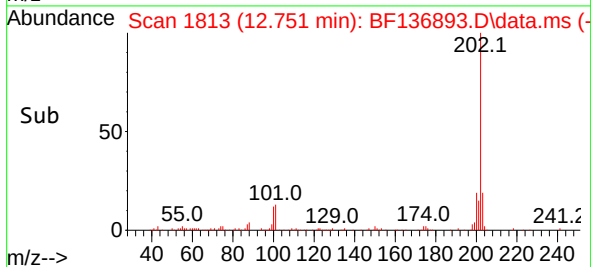
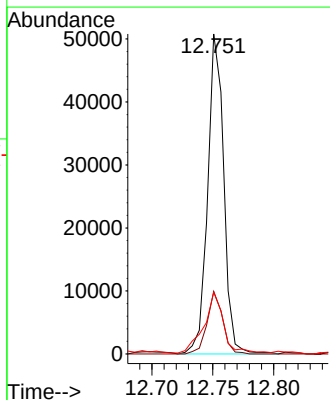
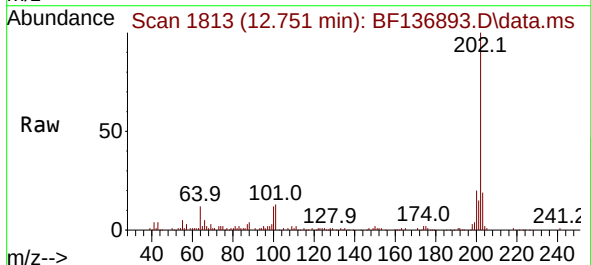
Manual Integrations
APPROVED

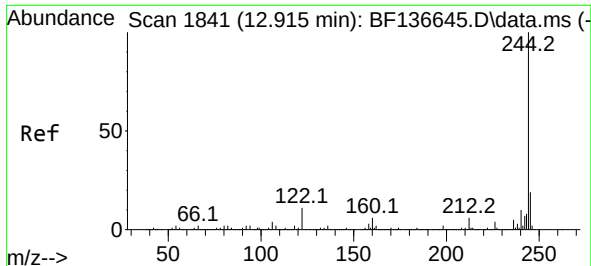
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#78
Pyrene
Concen: 3.460 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

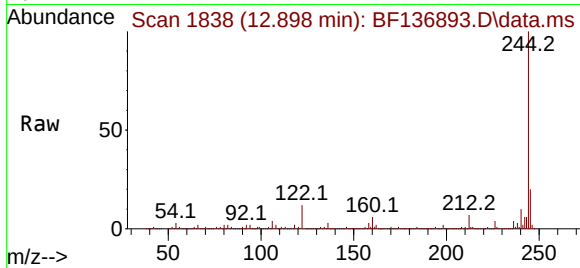
Tgt Ion:202 Resp: 46574
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 19.3 13.8 20.6





#79
Terphenyl-d14
Concen: 52.513 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.018 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

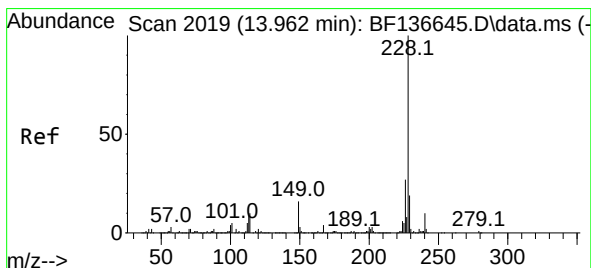
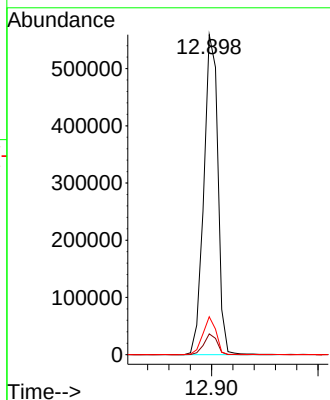
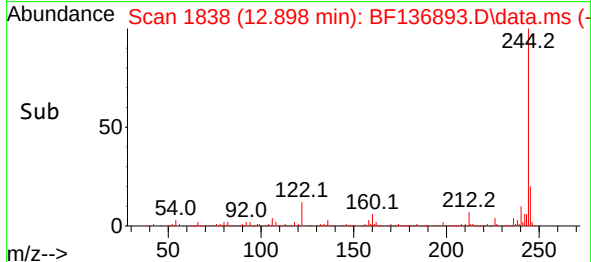
Instrument :
BNA_F
ClientSampleId :
GHL-SS-13



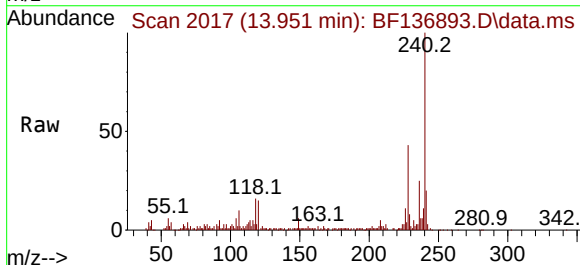
Tgt Ion:244 Resp: 51533
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.8 9.0 13.4

Manual Integrations
APPROVED

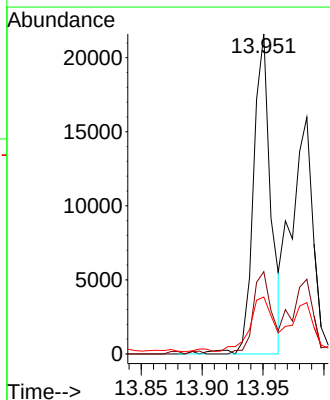
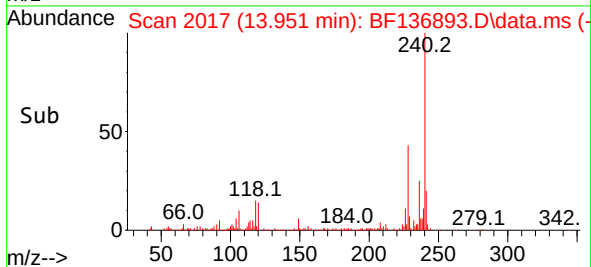
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

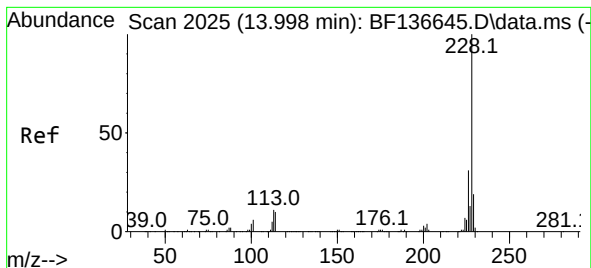


#81
Benzo(a)anthracene
Concen: 2.240 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40



Tgt Ion:228 Resp: 21329
Ion Ratio Lower Upper
228 100
226 25.7 21.4 32.0
229 17.8 14.9 22.3





#83

Chrysene

Concen: 2.193 ng

RT: 13.986 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BF136893.D

Acq: 03 Jan 2024 02:40

Instrument :

BNA_F

ClientSampleId :

GHL-SS-13

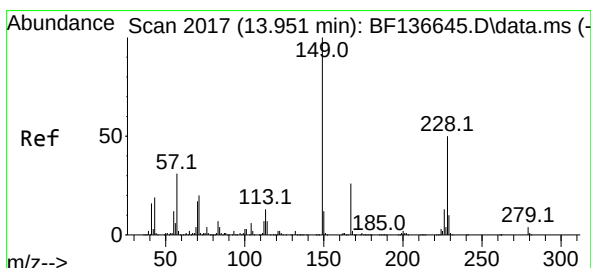
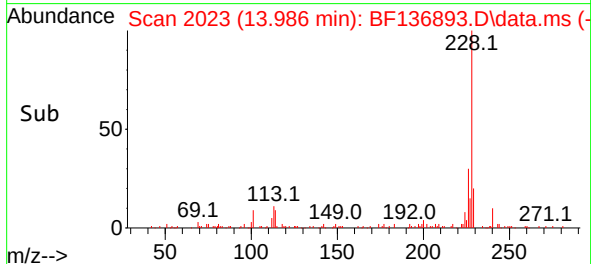
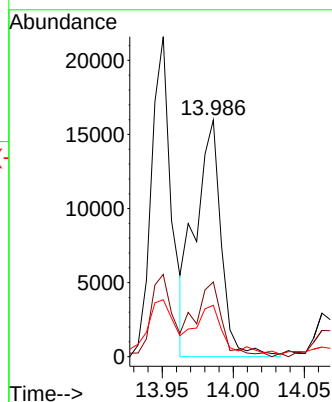
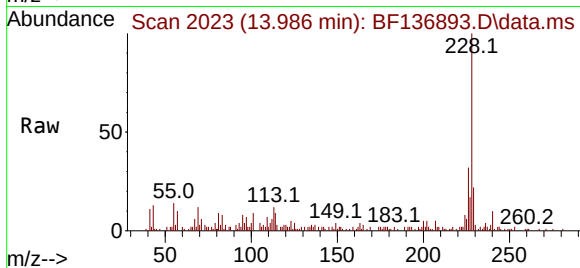
Tgt Ion:	228	Resp:	2042
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.7	37.1
229	21.7	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.115 ng

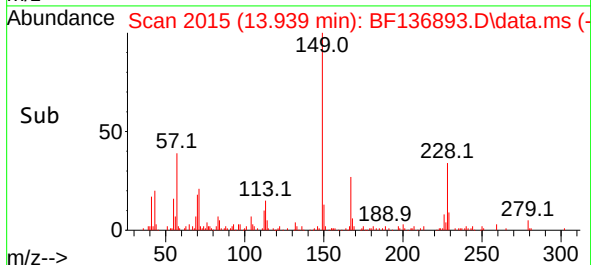
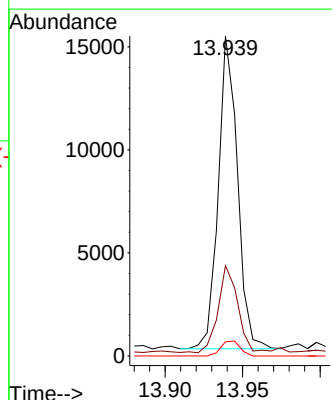
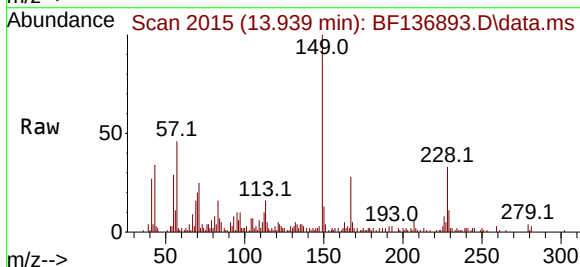
RT: 13.939 min Scan# 2015

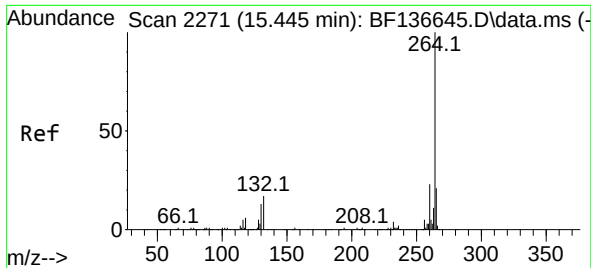
Delta R.T. -0.012 min

Lab File: BF136893.D

Acq: 03 Jan 2024 02:40

Tgt Ion:	149	Resp:	13033
Ion Ratio	Lower	Upper	
149	100		
167	28.3	20.9	31.3
279	4.4	2.9	4.3#





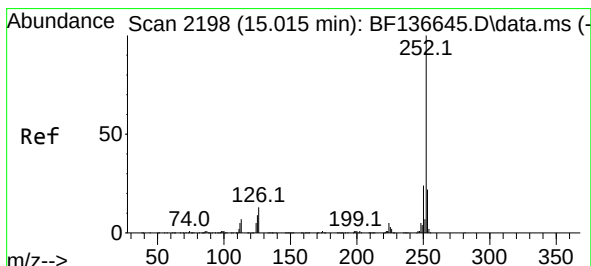
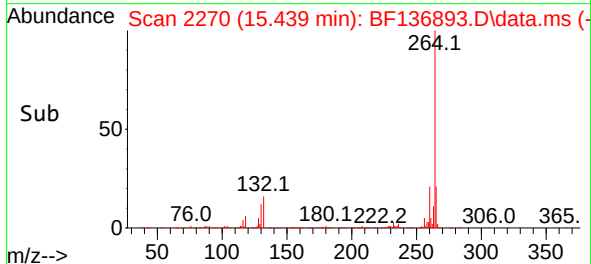
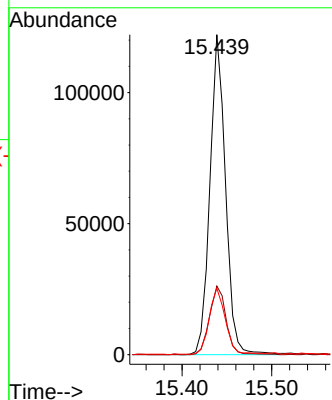
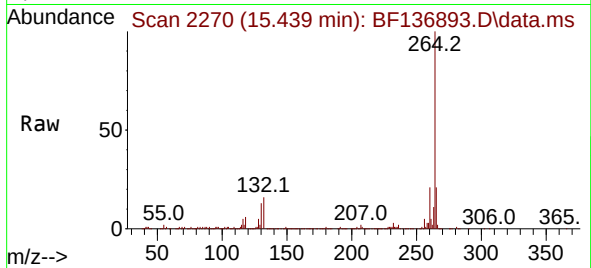
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

Instrument :
BNA_F
ClientSampleId :
GHL-SS-13

Tgt Ion:264 Resp: 147470
Ion Ratio Lower Upper
264 100
260 21.4 18.3 27.5
265 20.8 17.0 25.6

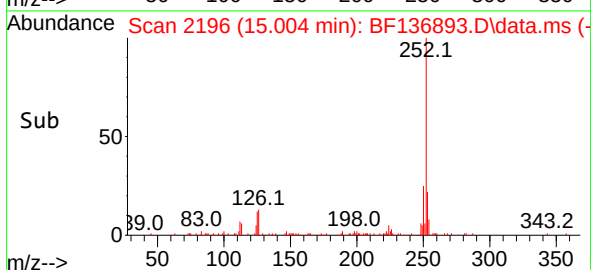
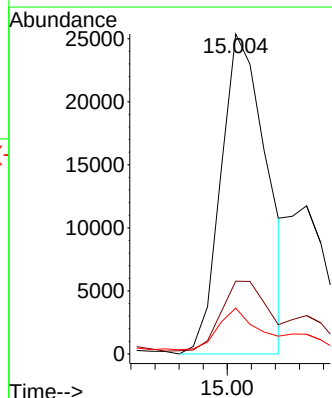
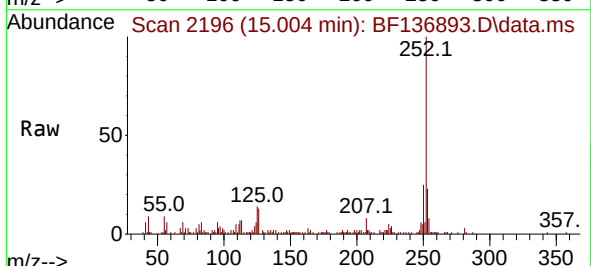
Manual Integrations
APPROVED

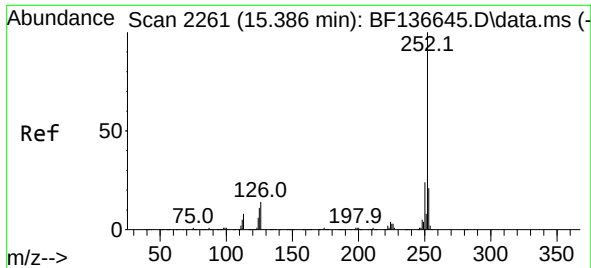
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#88
Benzo(b)fluoranthene
Concen: 3.387 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

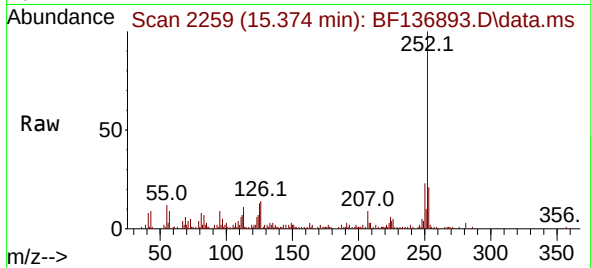
Tgt Ion:252 Resp: 33358
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 14.4 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 3.178 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

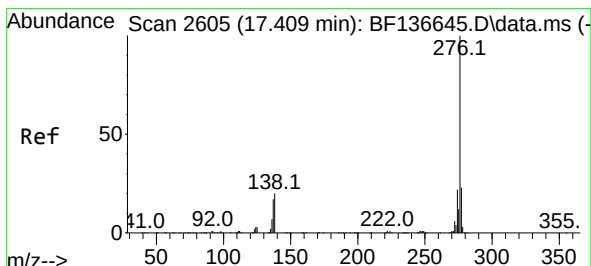
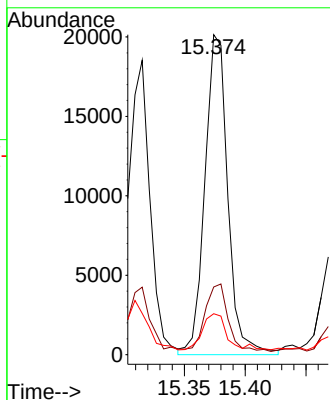
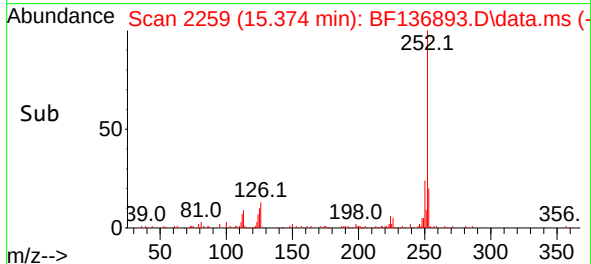
Instrument :
BNA_F
ClientSampleId :
GHL-SS-13



Tgt Ion:252 Resp: 2642
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 12.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#92
Benzo(g,h,i)perylene
Concen: 2.033 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF136893.D
Acq: 03 Jan 2024 02:40

Tgt Ion:276 Resp: 18190
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 17.8 15.6 23.4

