

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126103.D
 Acq On : 10 Nov 2021 12:44
 Operator : JU/CG
 Sample : M4541-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-AS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 14:24:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	187202	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	634067	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	319680	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	502698	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	425577	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	362744	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	255086	23.400	ng	0.00
7) Phenol-d6	6.475	99	333838	21.724	ng	-0.01
23) Nitrobenzene-d5	7.410	82	228071	16.963	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	75709	20.665	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	409797	17.323	ng	0.00
79) Terphenyl-d14	12.957	244	347860	13.181	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	196362	6.468	ng	95
78) Pyrene	12.810	202	213903	6.267	ng	97
81) Benzo(a)anthracene	13.998	228	149984m	5.130	ng	
83) Chrysene	14.033	228	136325	5.011	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	83081m	3.869	ng	
88) Benzo(b)fluoranthene	15.051	252	190926m	8.092	ng	
89) Benzo(k)fluoranthene	15.074	252	56514m	2.469	ng	
90) Benzo(a)pyrene	15.415	252	136086m	7.321	ng	
92) Benzo(g,h,i)perylene	17.368	276	84115	4.973	ng	# 84

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

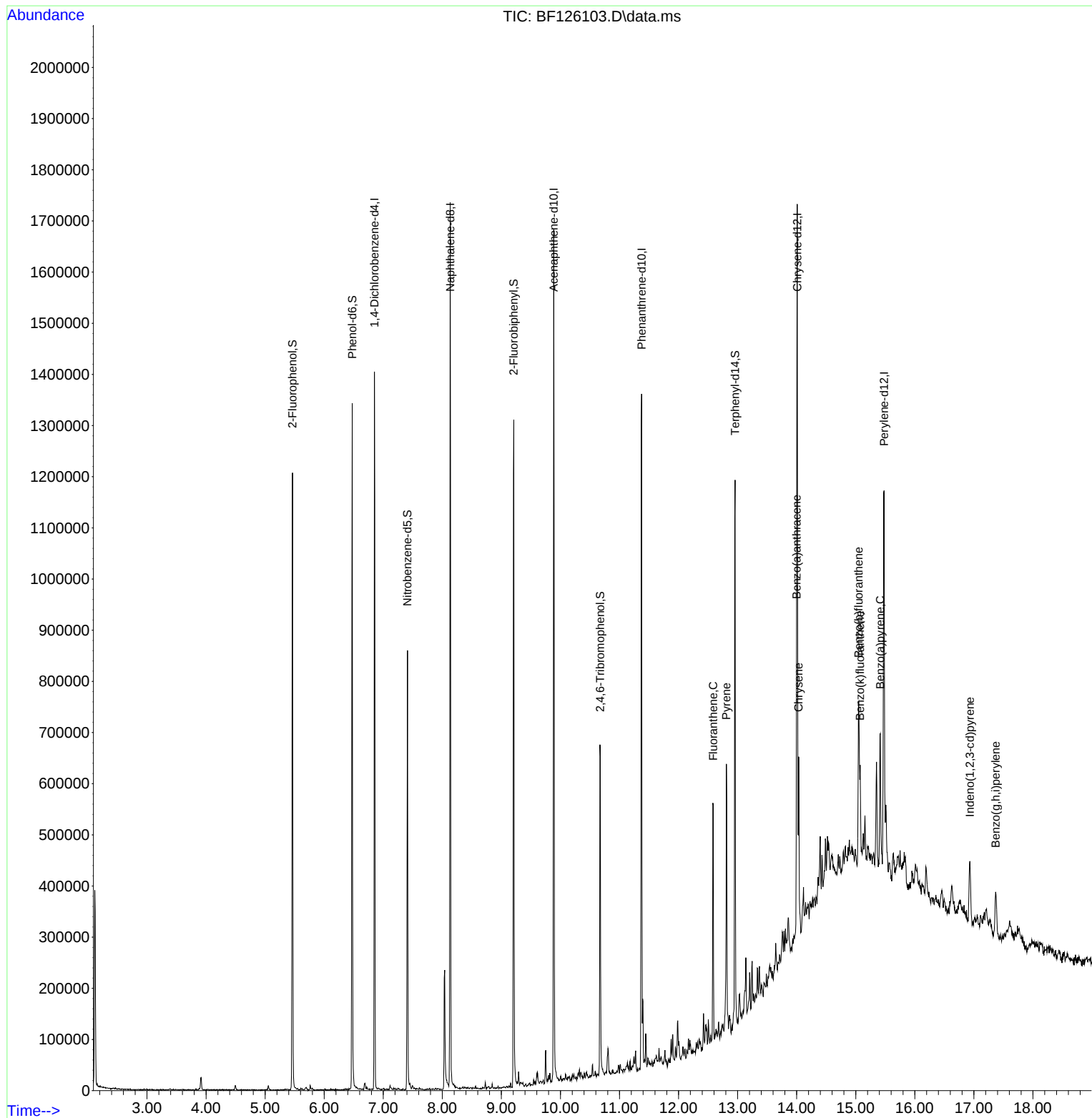
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126103.D
Acq On : 10 Nov 2021 12:44
Operator : JU/CG
Sample : M4541-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

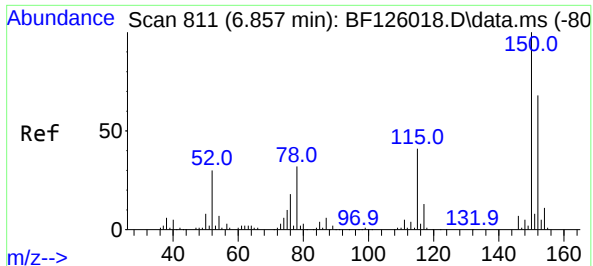
Instrument :
BNA_F
ClientSampleId :
WC-3-AS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

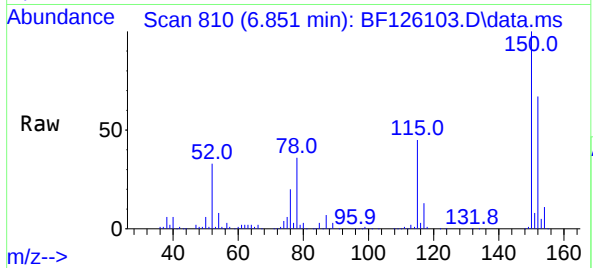
Quant Time: Nov 10 14:24:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

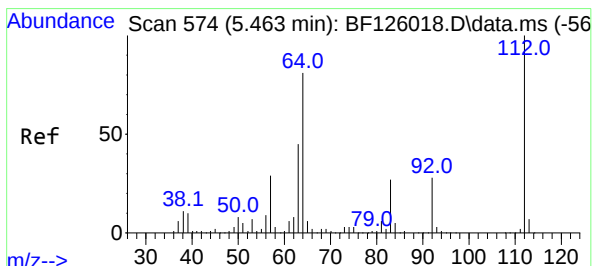
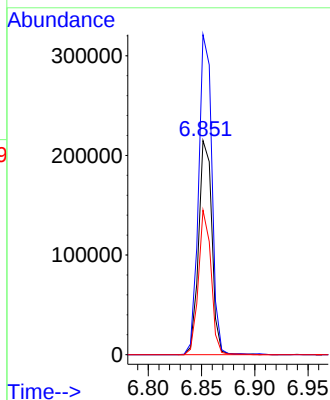
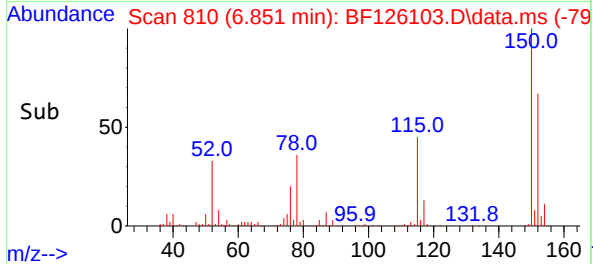
Instrument :
BNA_F
ClientSampleId :
WC-3-AS



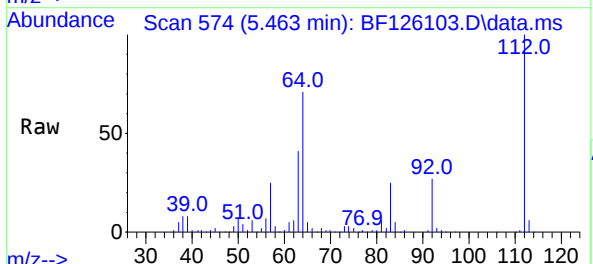
Tgt Ion:152 Resp: 18720
Ion Ratio Lower Upper
152 100
150 149.5 117.6 176.4
115 67.5 47.1 70.7

Manual Integrations
APPROVED

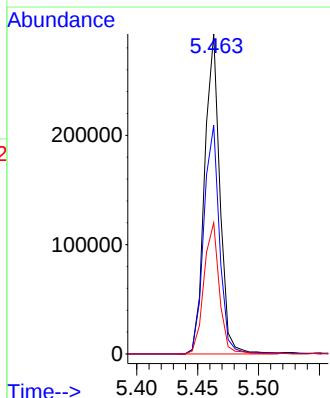
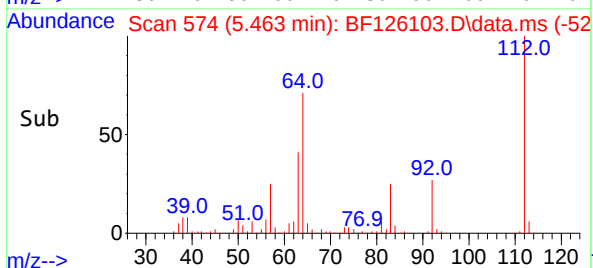
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

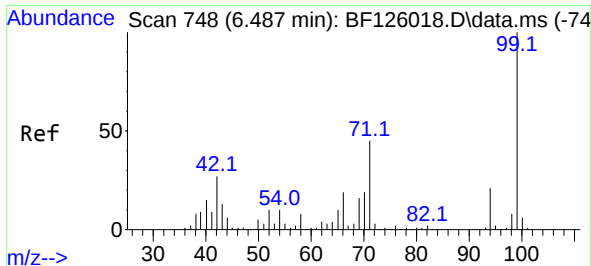


#5
2-Fluorophenol
Concen: 23.400 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44



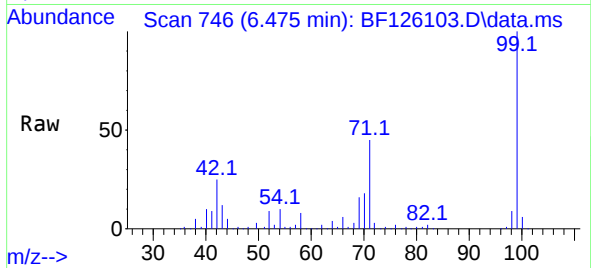
Tgt Ion:112 Resp: 255086
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 41.0 26.2 39.2#





#7
Phenol-d6
Concen: 21.724 ng
RT: 6.475 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

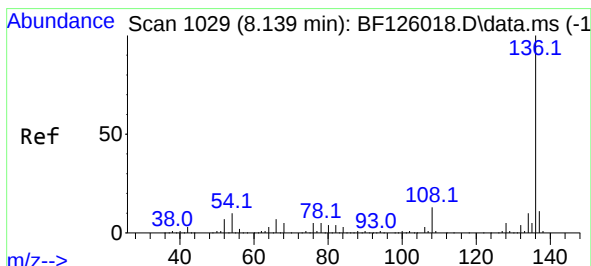
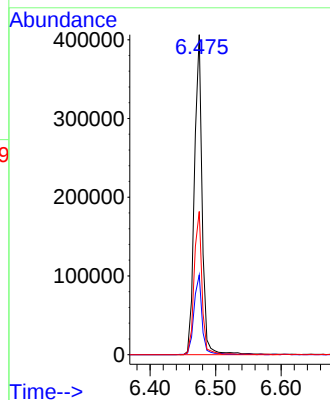
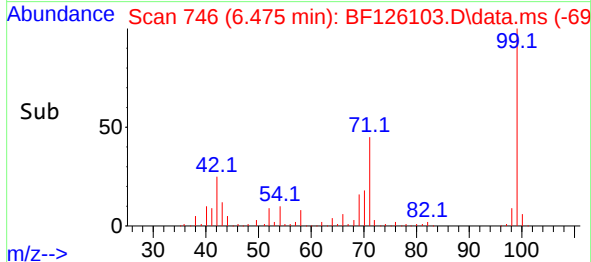
Instrument :
BNA_F
ClientSampleId :
WC-3-AS



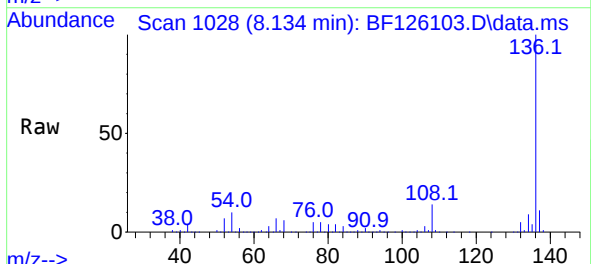
Tgt Ion: 99 Resp: 333838
Ion Ratio Lower Upper
99 100
42 24.9 23.5 35.3
71 44.8 25.6 38.4

Manual Integrations
APPROVED

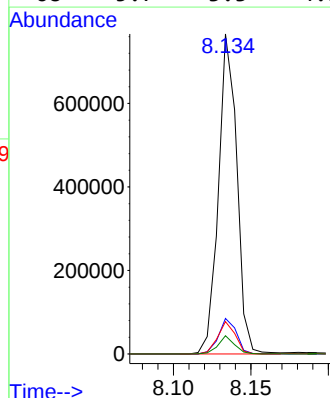
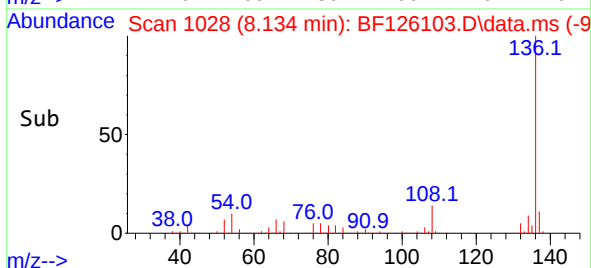
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

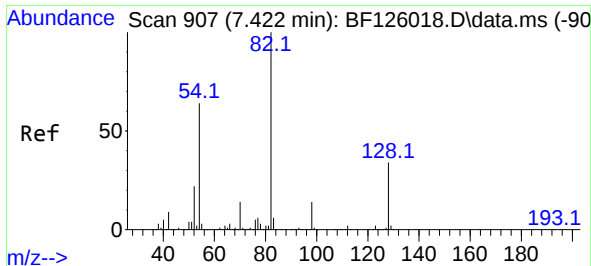


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44



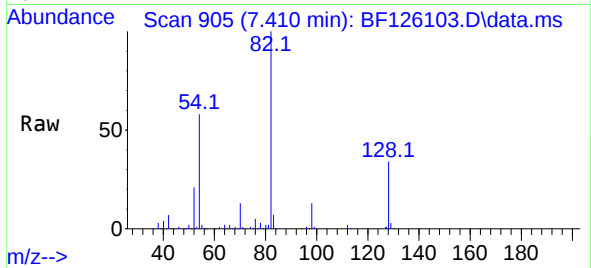
Tgt Ion:136 Resp: 634067
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.1 6.4 9.6#
68 5.7 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 16.963 ng
RT: 7.410 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

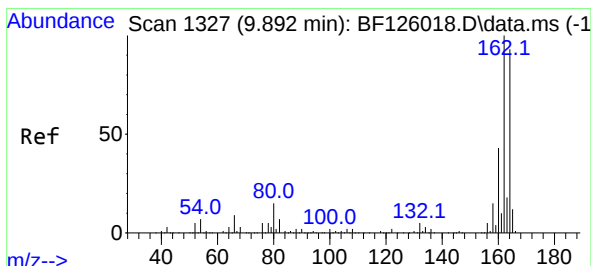
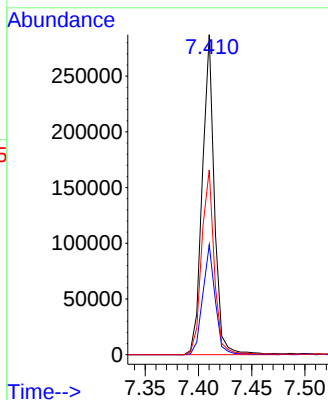
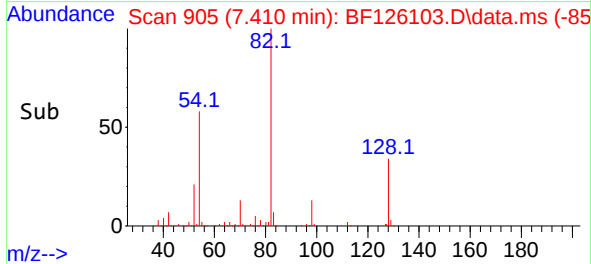
Instrument :
BNA_F
ClientSampleId :
WC-3-AS



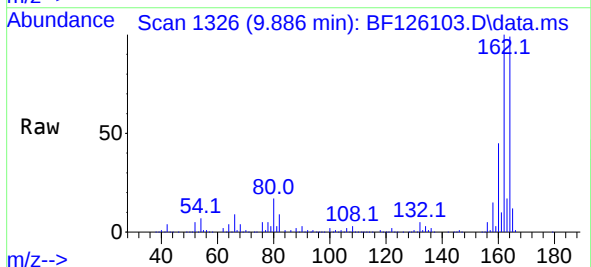
Tgt Ion: 82 Resp: 22807
Ion Ratio Lower Upper
82 100
128 34.3 40.6 60.8
54 57.7 49.6 74.4

Manual Integrations
APPROVED

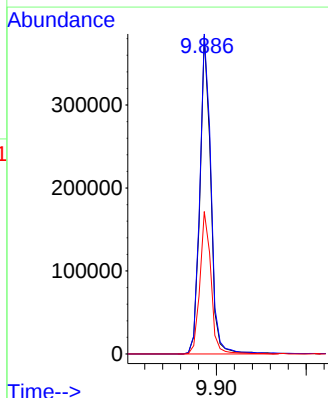
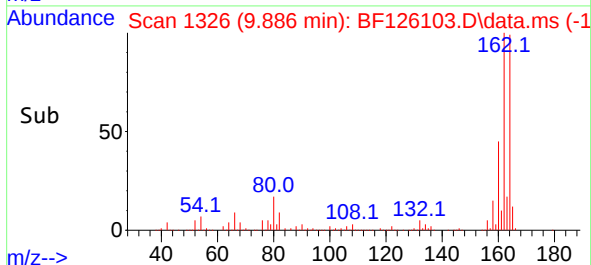
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

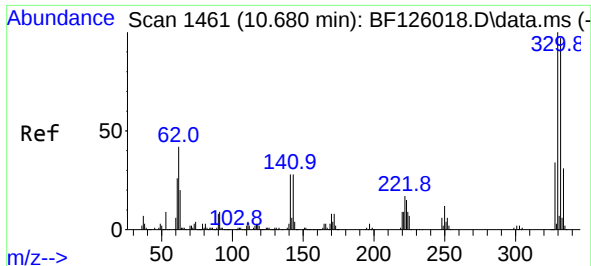


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44



Tgt Ion:164 Resp: 319680
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.8 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 20.665 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

Instrument :

BNA_F

ClientSampleId :

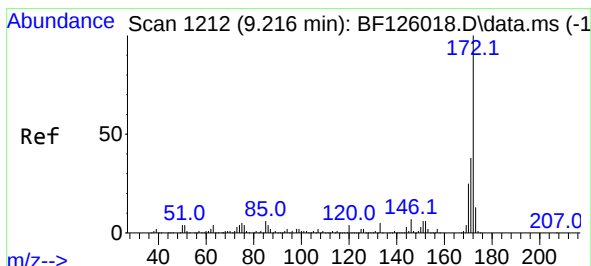
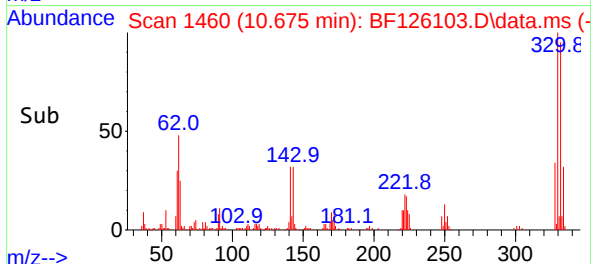
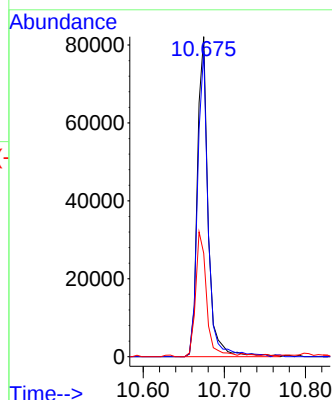
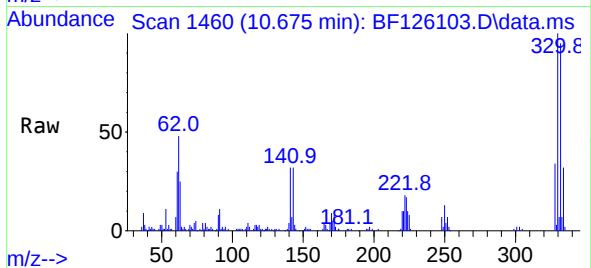
WC-3-AS

Tgt Ion:330 Resp: 75709
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 39.6 44.6 66.8

Manual Integrations

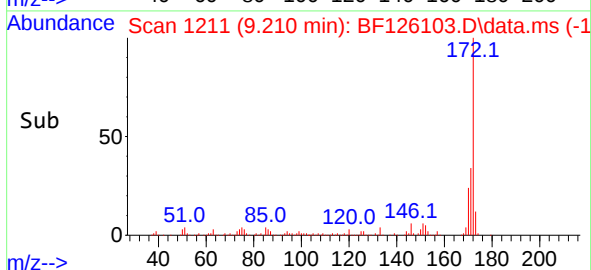
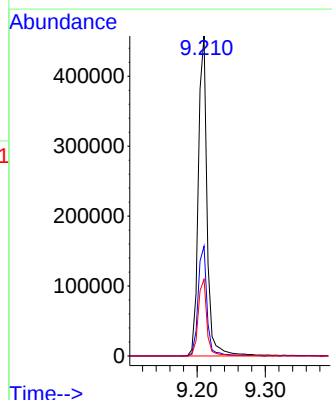
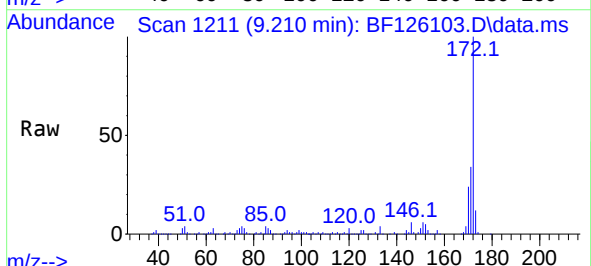
APPROVED

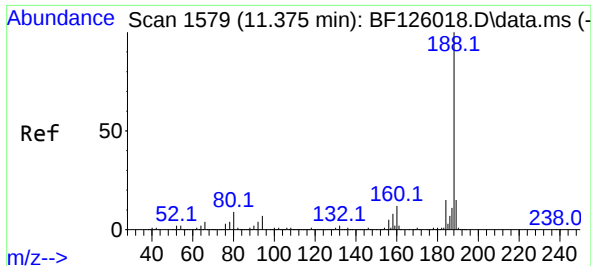
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#45
2-Fluorobiphenyl
Concen: 17.323 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

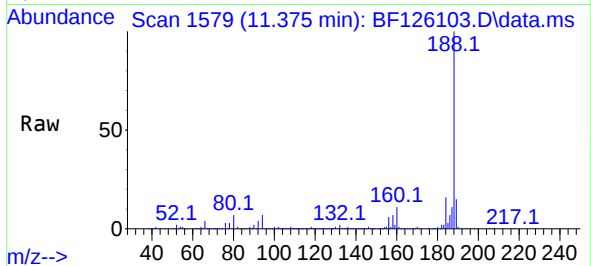
Tgt Ion:172 Resp: 409797
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

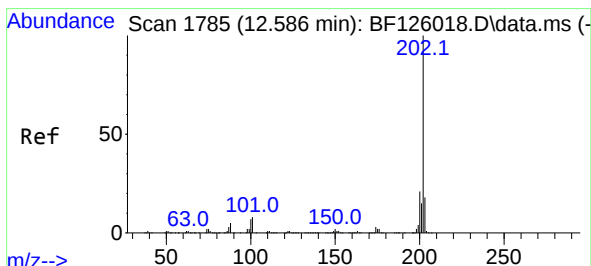
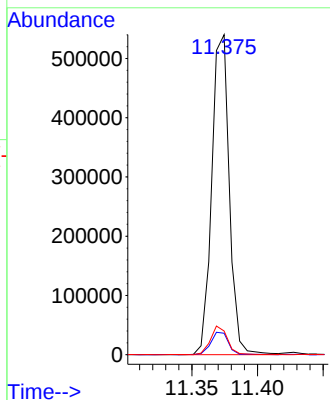
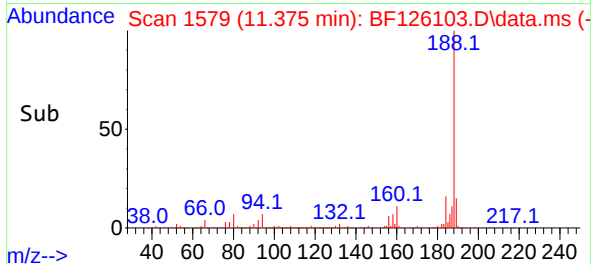
Instrument :
BNA_F
ClientSampleId :
WC-3-AS



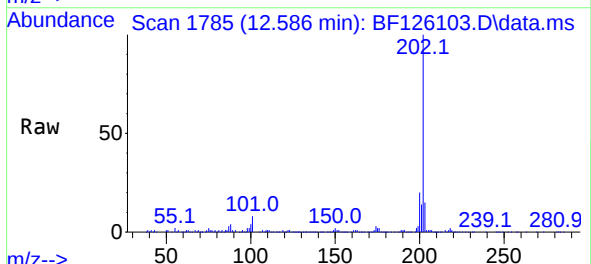
Tgt Ion:188 Resp: 502698
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1
80 7.4 7.5 11.3

Manual Integrations
APPROVED

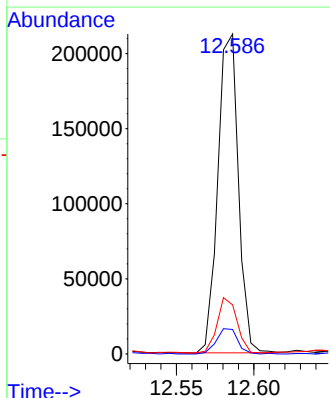
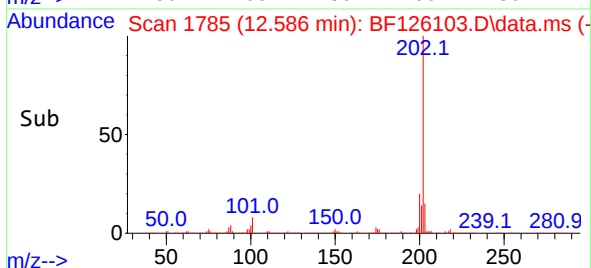
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

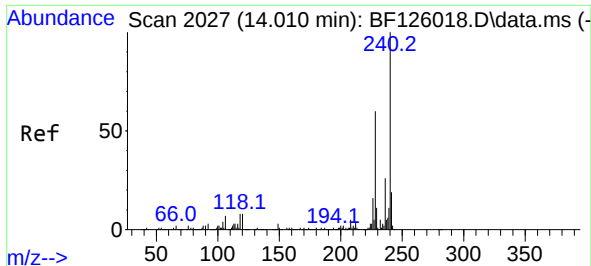


#75
Fluoranthene
Concen: 6.468 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44



Tgt Ion:202 Resp: 196362
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.7
203 15.3 0.0 36.3





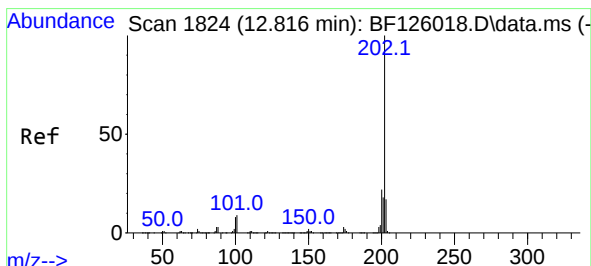
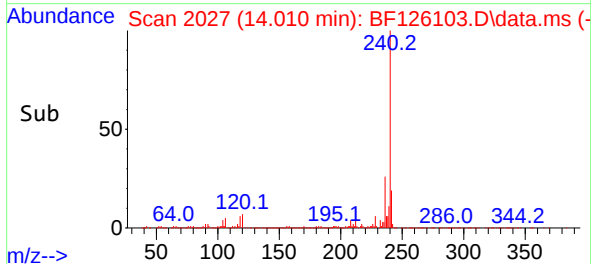
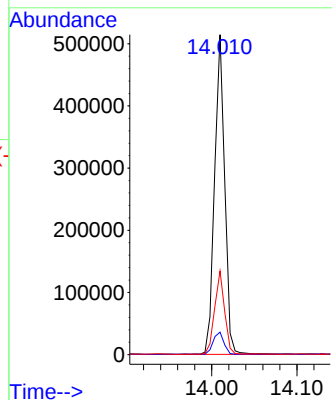
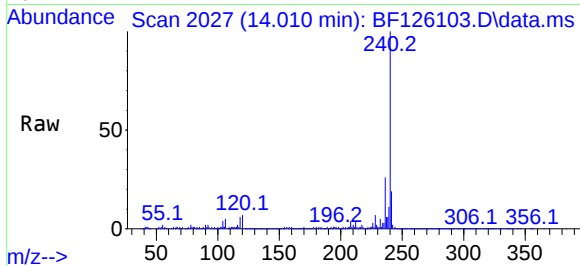
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

Instrument :
BNA_F
ClientSampleId :
WC-3-AS

Tgt Ion:240 Resp: 42557
Ion Ratio Lower Upper
240 100
120 7.0 10.8 16.2
236 26.2 21.6 32.4

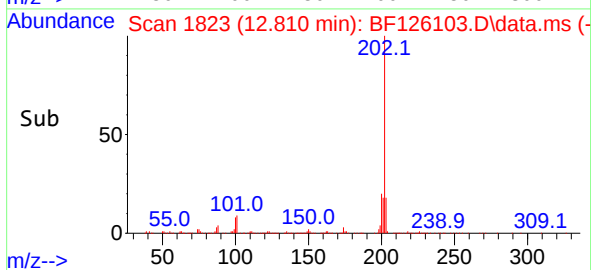
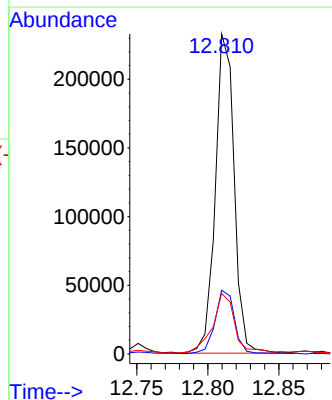
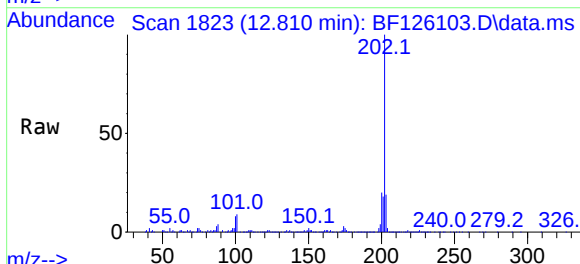
Manual Integrations
APPROVED

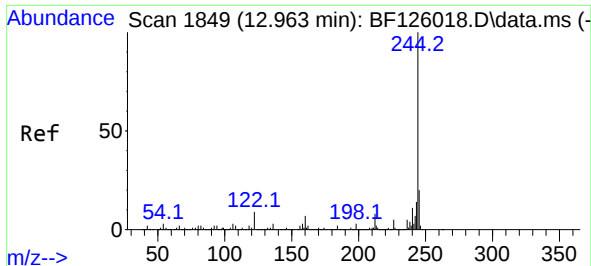
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#78
Pyrene
Concen: 6.267 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

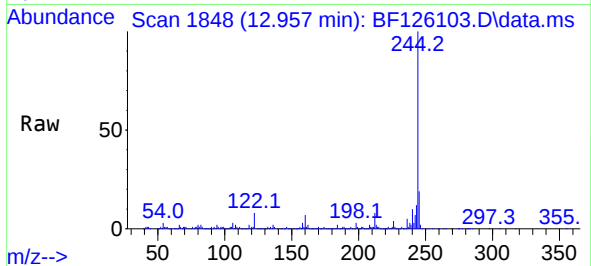
Tgt Ion:202 Resp: 213903
Ion Ratio Lower Upper
202 100
200 19.9 15.3 22.9
203 18.9 13.4 20.0





#79
Terphenyl-d14
Concen: 13.181 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

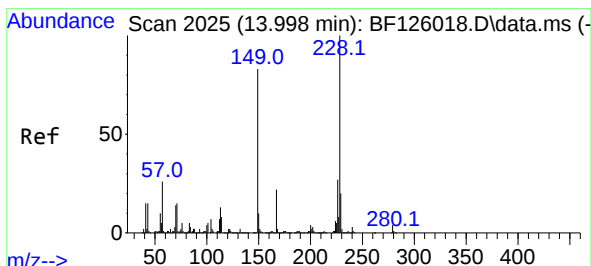
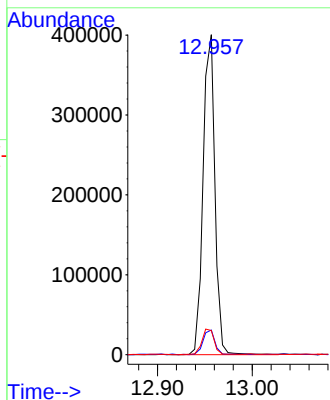
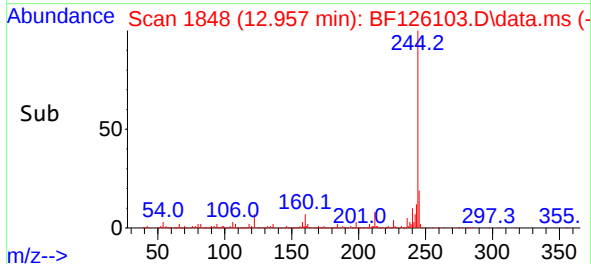
Instrument :
BNA_F
ClientSampleId :
WC-3-AS



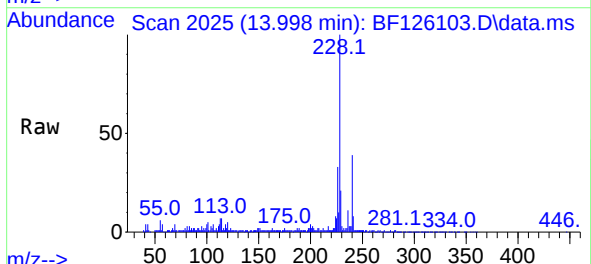
Tgt Ion:244 Resp: 347860
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 7.5 9.0 13.4

Manual Integrations
APPROVED

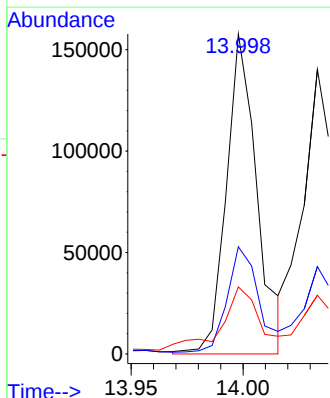
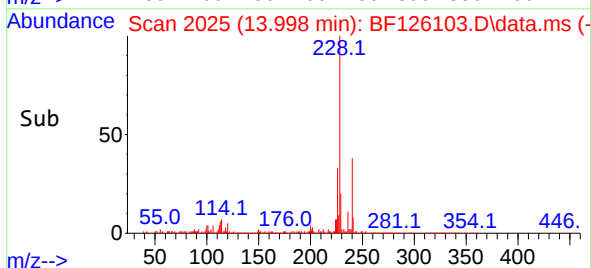
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

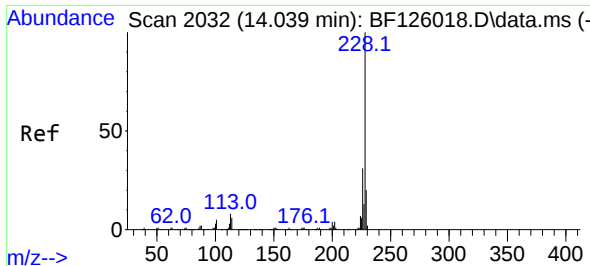


#81
Benzo(a)anthracene
Concen: 5.130 ng m
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44



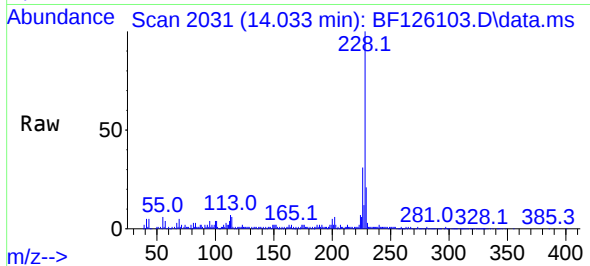
Tgt Ion:228 Resp: 149984
Ion Ratio Lower Upper
228 100
226 33.5 21.6 32.4#
229 21.0 15.6 23.4





#83
Chrysene
Concen: 5.011 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

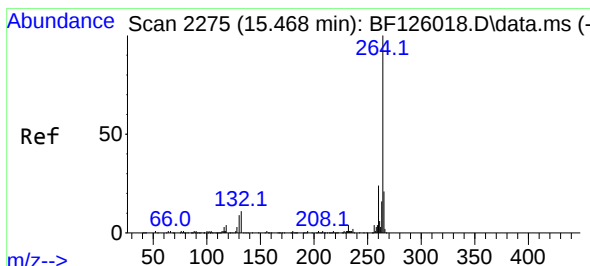
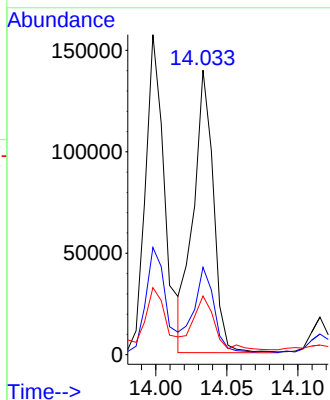
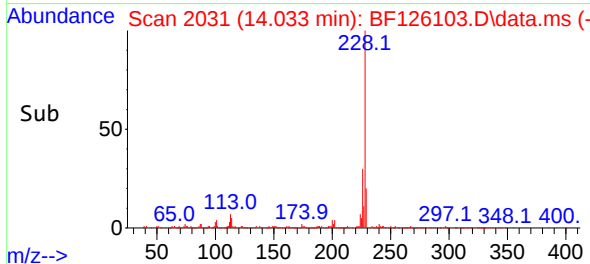
Instrument :
BNA_F
ClientSampleId :
WC-3-AS



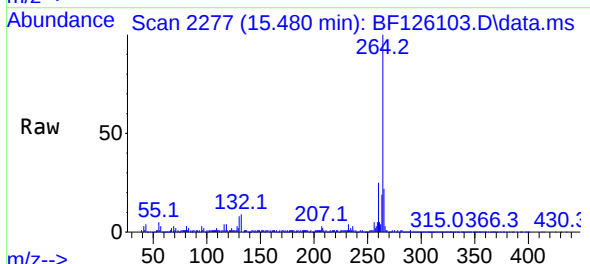
Tgt Ion:228 Resp: 136329
Ion Ratio Lower Upper
228 100
226 30.7 22.6 34.0
229 20.6 15.9 23.9

Manual Integrations
APPROVED

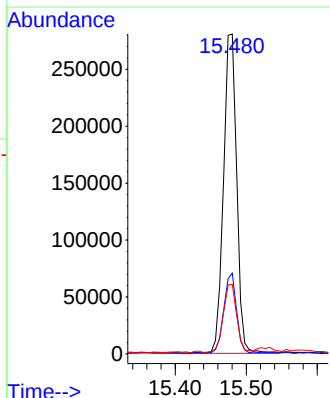
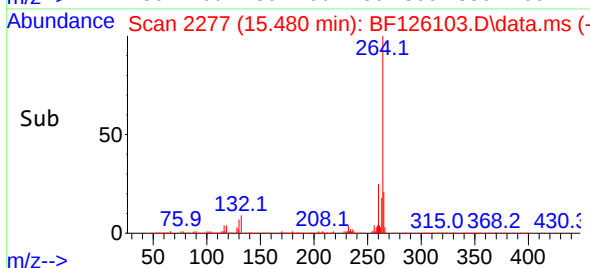
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

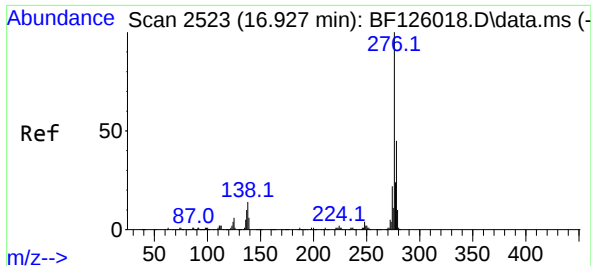


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44



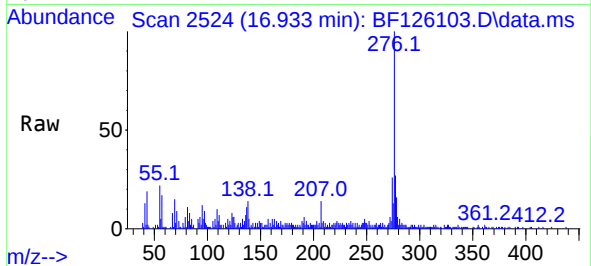
Tgt Ion:264 Resp: 362744
Ion Ratio Lower Upper
264 100
260 25.2 19.6 29.4
265 21.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.869 ng m
RT: 16.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

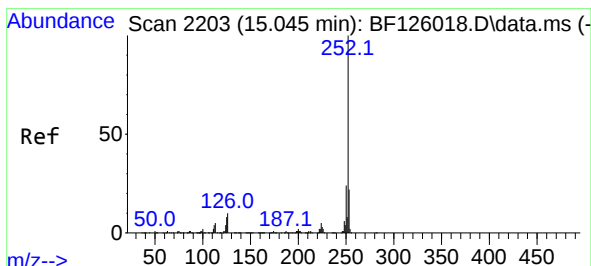
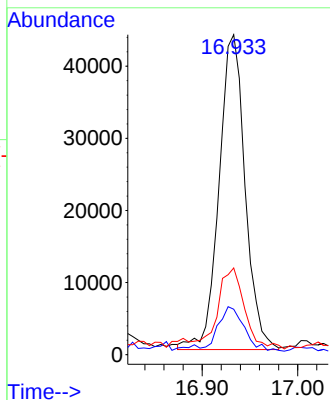
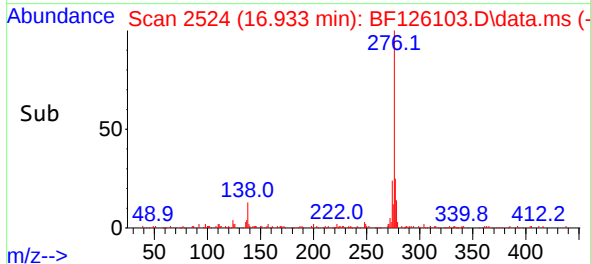
Instrument :
BNA_F
ClientSampleId :
WC-3-AS



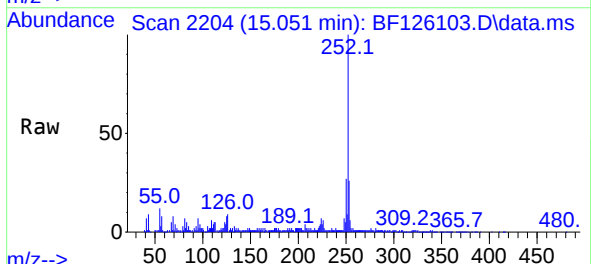
Tgt Ion:276 Resp: 8308
Ion Ratio Lower Upper
276 100
138 1.9 24.1 36.1#
277 1.8 18.8 28.2#

Manual Integrations
APPROVED

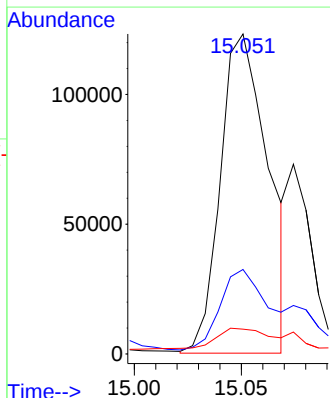
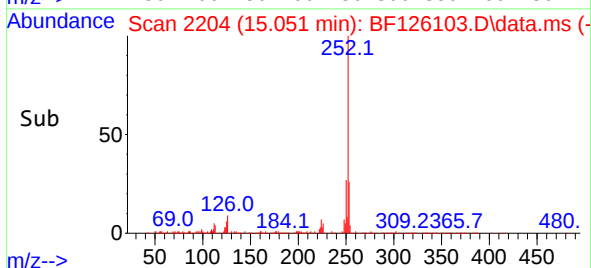
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

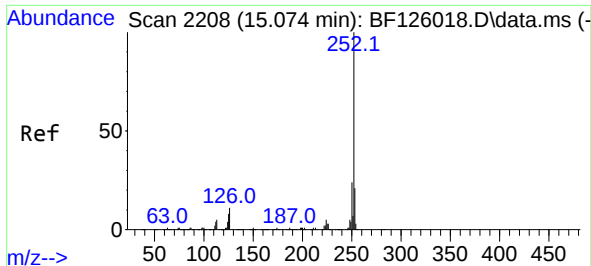


#88
Benzo(b)fluoranthene
Concen: 8.092 ng m
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44



Tgt Ion:252 Resp: 190926
Ion Ratio Lower Upper
252 100
253 26.4 16.8 25.2#
125 7.8 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 2.469 ng m

RT: 15.074 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF126103.D

Acq: 10 Nov 2021 12:44

Instrument :

BNA_F

ClientSampleId :

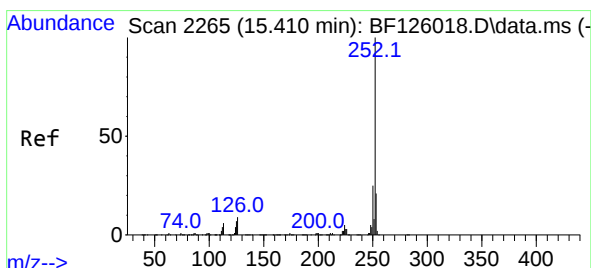
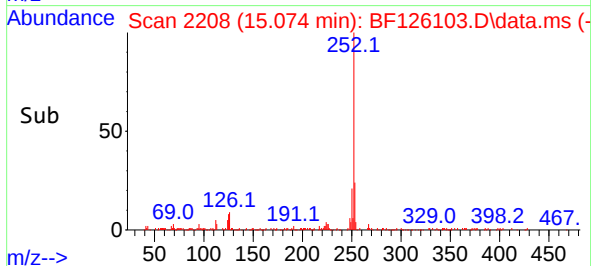
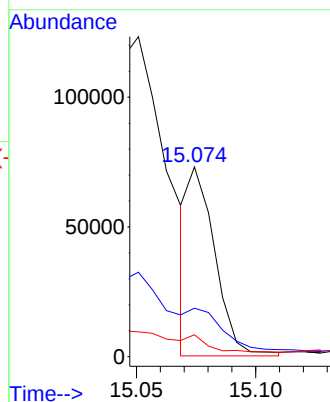
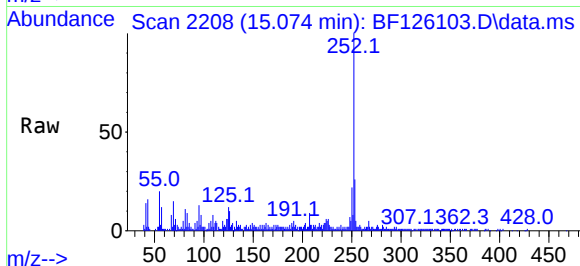
WC-3-AS

Tgt Ion:252	Resp:	56514
Ion Ratio	Lower	Upper
252	100	
253	25.5	17.8 26.8
125	11.6	7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#90

Benzo(a)pyrene

Concen: 7.321 ng m

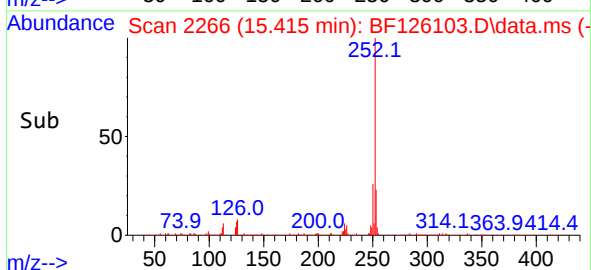
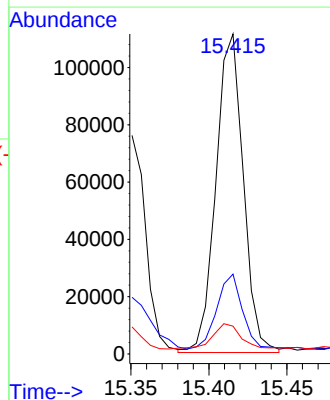
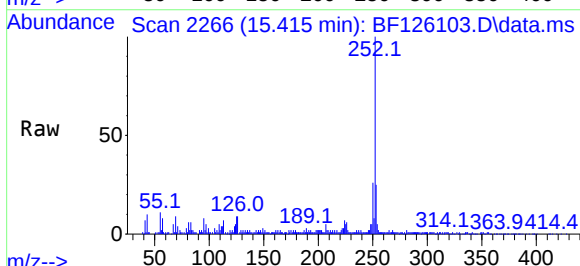
RT: 15.415 min Scan# 2266

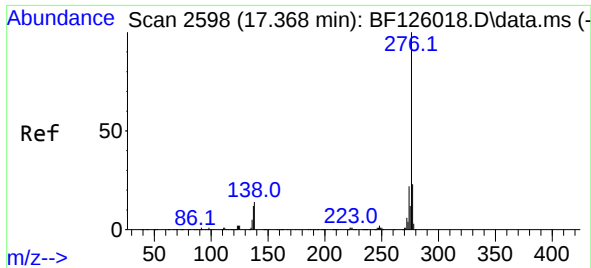
Delta R.T. 0.005 min

Lab File: BF126103.D

Acq: 10 Nov 2021 12:44

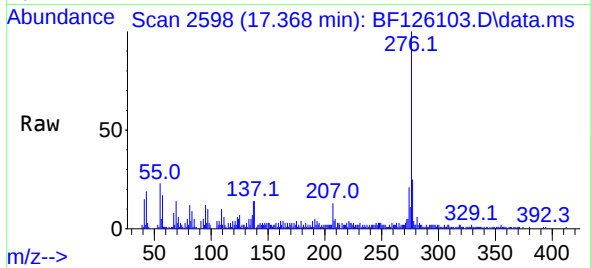
Tgt Ion:252	Resp:	136086
Ion Ratio	Lower	Upper
252	100	
253	25.0	18.4 27.6
125	8.7	9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 4.973 ng
RT: 17.368 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126103.D
Acq: 10 Nov 2021 12:44

Instrument :
BNA_F
ClientSampleId :
WC-3-AS



Tgt Ion: 276 Resp: 8411

Ion	Ratio	Lower	Upper
276	100		
277	25.2	22.0	33.0
138	13.6	22.2	33.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

