

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135215.D
 Acq On : 13 Sep 2023 09:46
 Operator : CG\JU
 Sample : 04299-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 12:09:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	120291	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	431435	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	183575	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	271904	20.000	ng	0.00
76) Chrysene-d12	13.945	240	222141	20.000	ng	0.00
86) Perylene-d12	15.415	264	208429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	702656	95.006	ng	0.01
7) Phenol-d6	6.410	99	875869	93.134	ng	0.00
23) Nitrobenzene-d5	7.328	82	532171	67.015	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	150383	82.434	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	788825	64.830	ng	0.00
79) Terphenyl-d14	12.886	244	541400	37.781	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.316	178	64002	4.977	ng	99
74) Di-n-butylphthalate	11.863	149	179881	12.686	ng	100
75) Fluoranthene	12.516	202	94742	7.070	ng	97
78) Pyrene	12.739	202	90348	4.272	ng	99
81) Benzo(a)anthracene	13.939	228	46424	3.236	ng	97
83) Chrysene	13.974	228	52511m	3.682	ng	
88) Benzo(b)fluoranthene	14.986	252	54883m	4.864	ng	
90) Benzo(a)pyrene	15.351	252	31416	2.920	ng	# 87

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

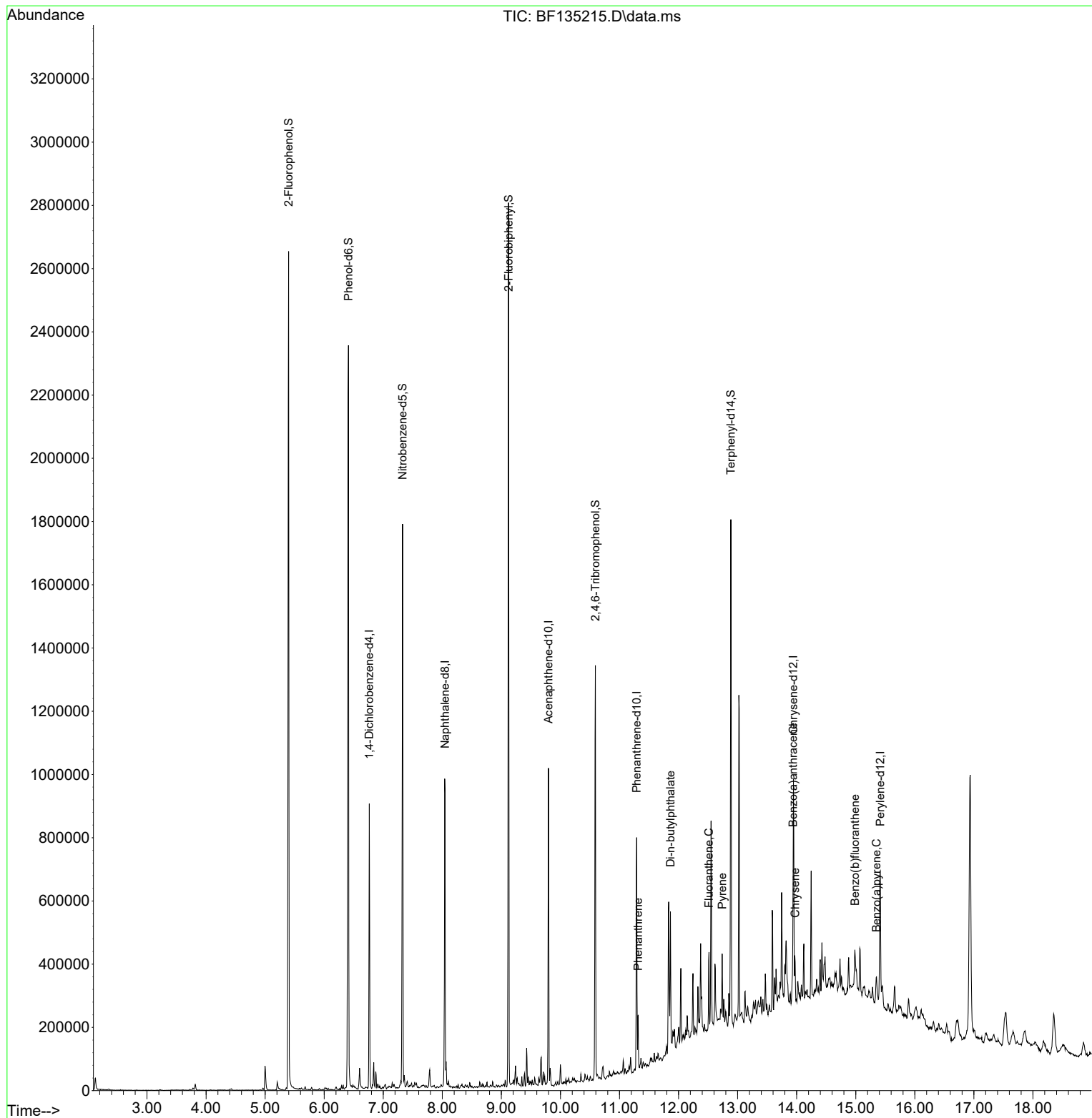
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135215.D
Acq On : 13 Sep 2023 09:46
Operator : CG\JU
Sample : 04299-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

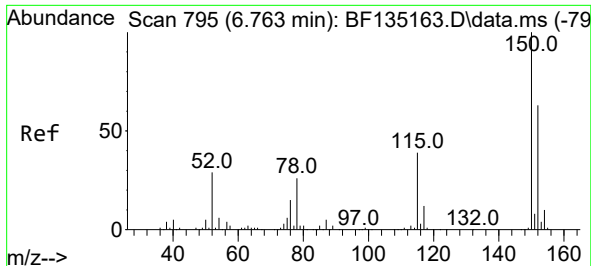
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Sep 13 12:09:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

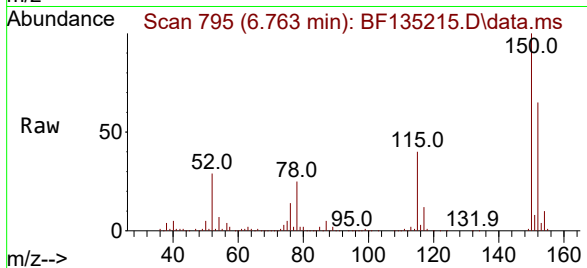
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

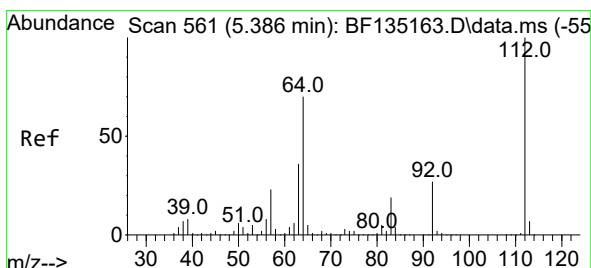
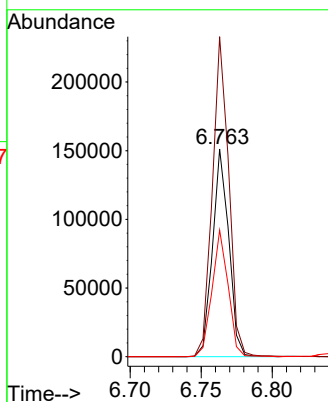
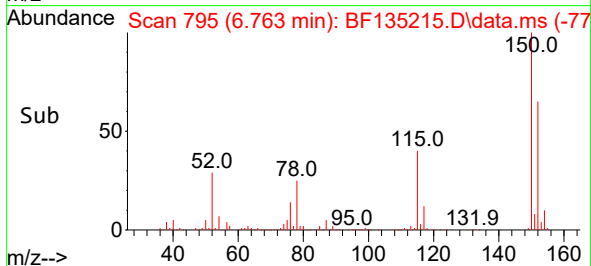
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP



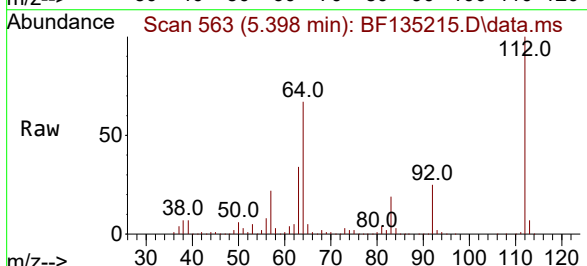
Tgt Ion:152 Resp: 120291
Ion Ratio Lower Upper
152 100
150 154.1 127.8 191.6
115 60.9 49.8 74.8

Manual Integrations
APPROVED

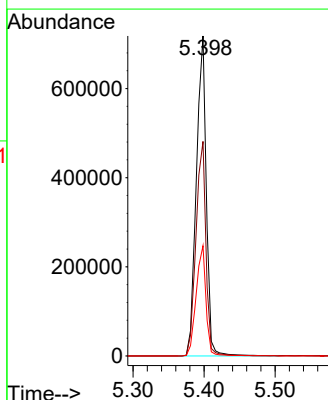
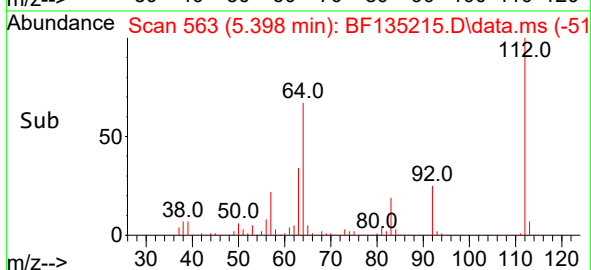
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

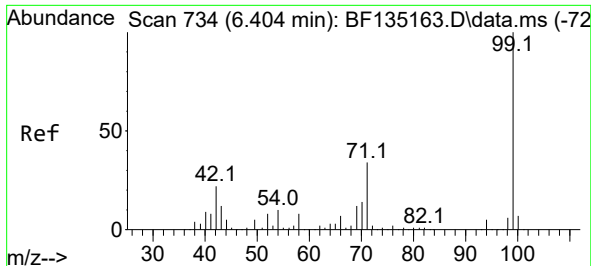


#5
2-Fluorophenol
Concen: 95.006 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46



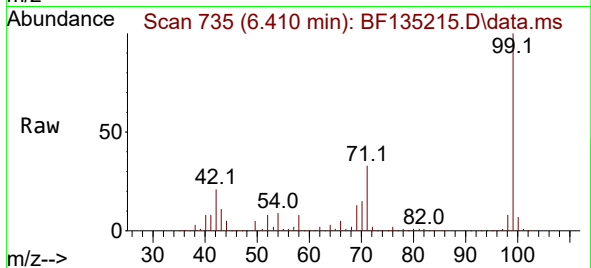
Tgt Ion:112 Resp: 702656
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 34.5 29.0 43.6





#7
Phenol-d6
Concen: 93.134 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

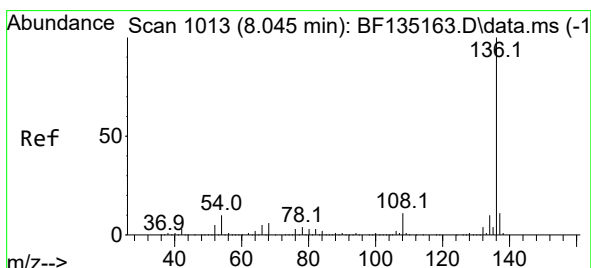
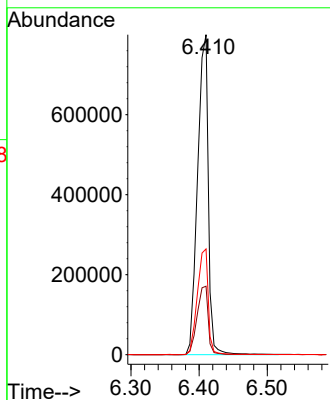
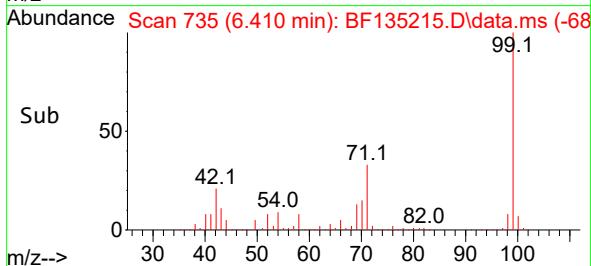
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP



Tgt Ion: 99 Resp: 875869
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 33.0 27.0 40.6

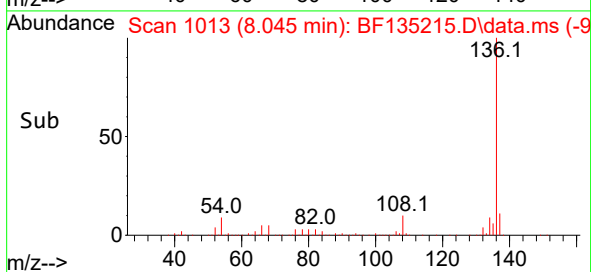
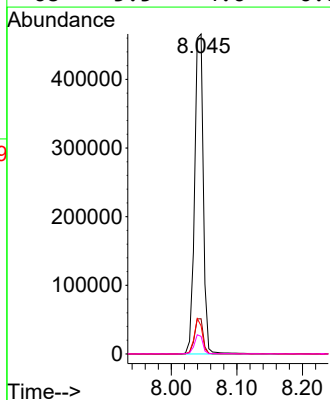
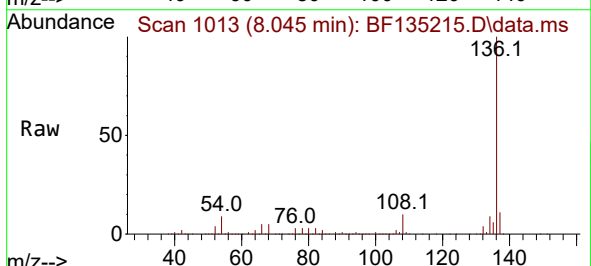
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:136 Resp: 431435
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 7.7 11.5
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 67.015 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tgt Ion: 82 Resp: 53217

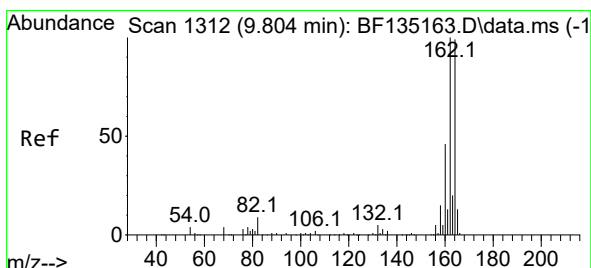
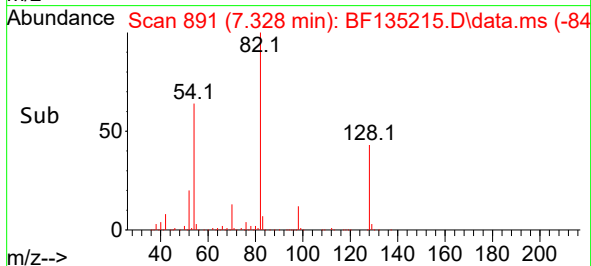
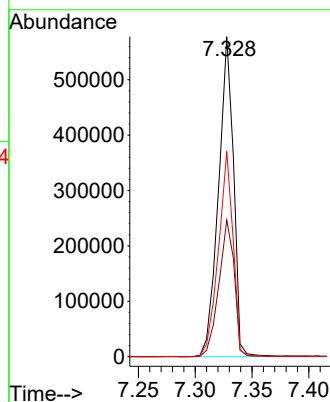
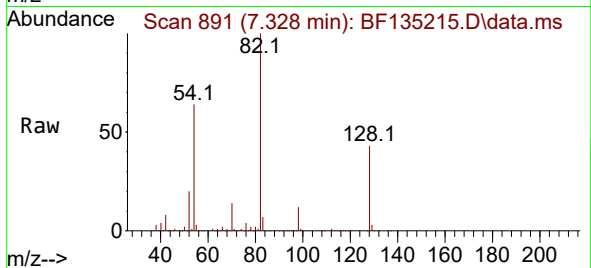
Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.8	53.6
54	64.2	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

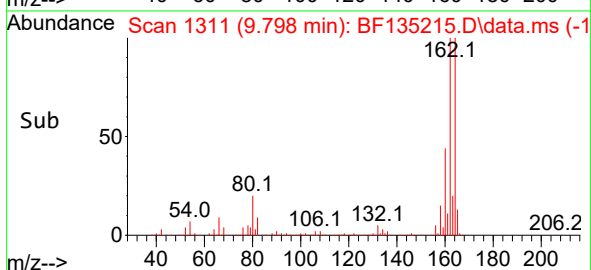
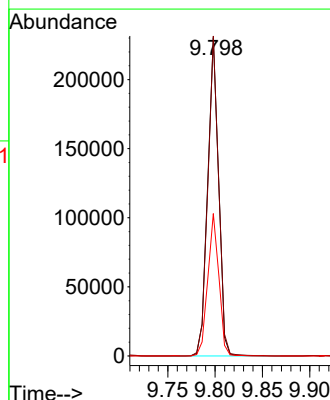
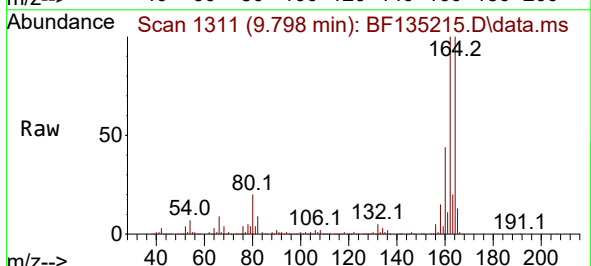
Delta R.T. -0.006 min

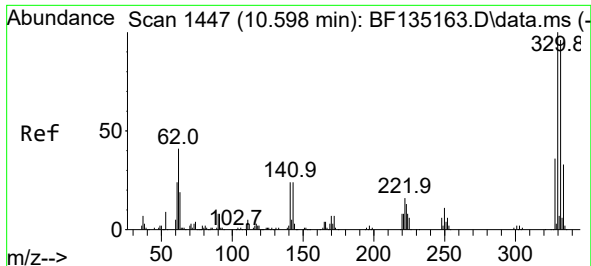
Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Tgt Ion:164 Resp: 183575

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.4
160	44.7	37.0	55.4





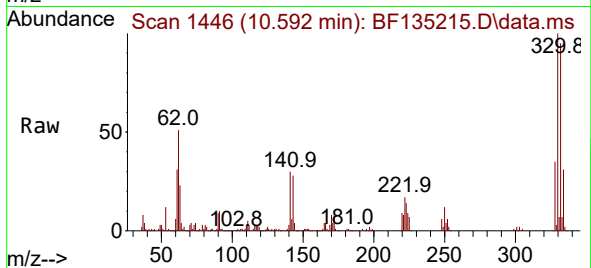
#42
2,4,6-Tribromophenol
Concen: 82.434 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP



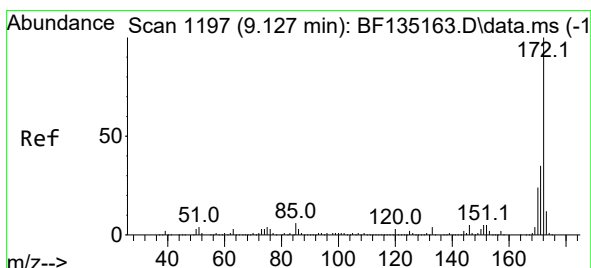
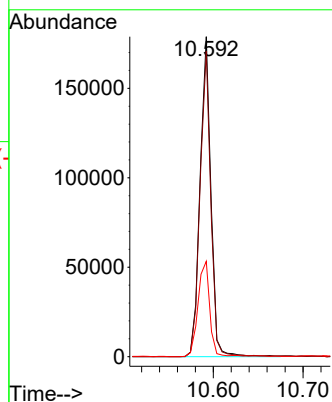
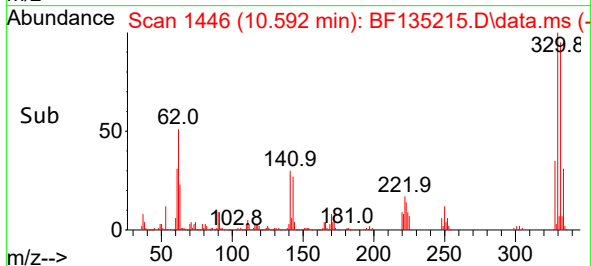
Tgt Ion:330 Resp: 15038
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 32.9 25.8 38.8

Manual Integrations

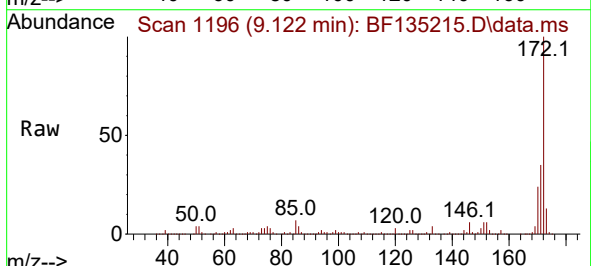
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

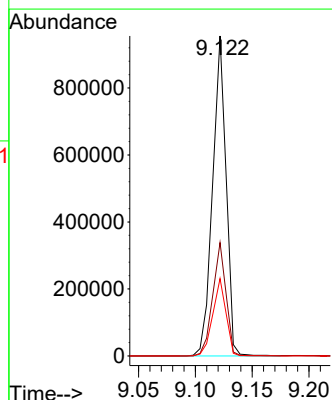
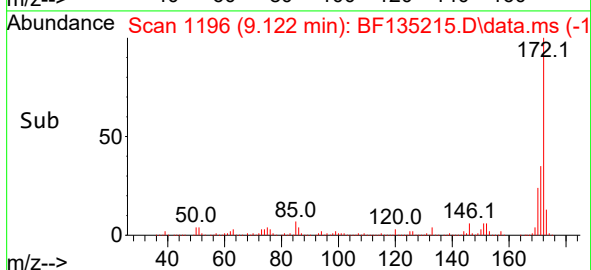
Supervised By :mohammad ahmed 09/14/2023

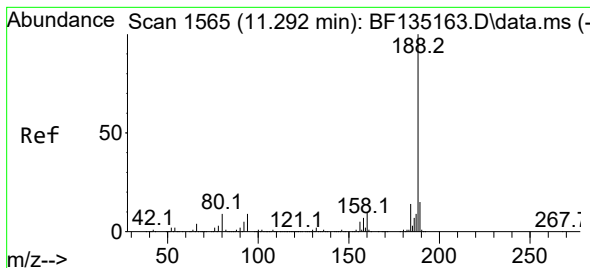


#45
2-Fluorobiphenyl
Concen: 64.830 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46



Tgt Ion:172 Resp: 788825
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.2 19.0 28.4





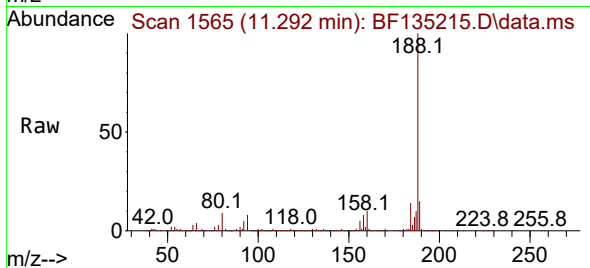
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

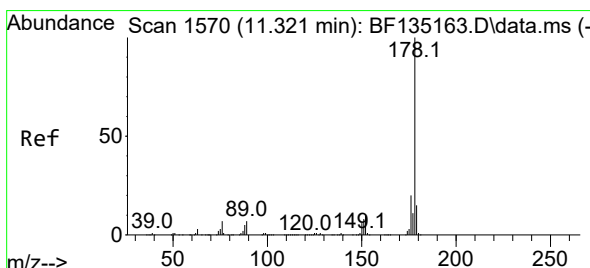
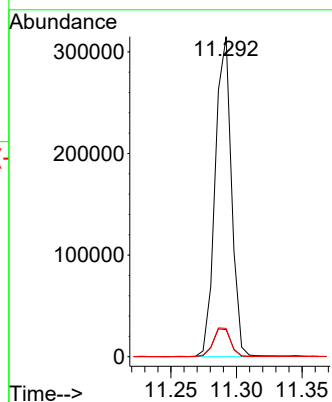
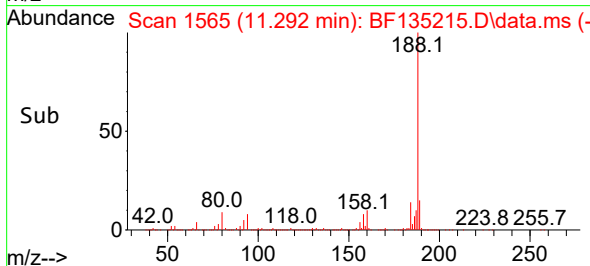


Tgt Ion:188 Resp: 271904
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.9 7.5 11.3

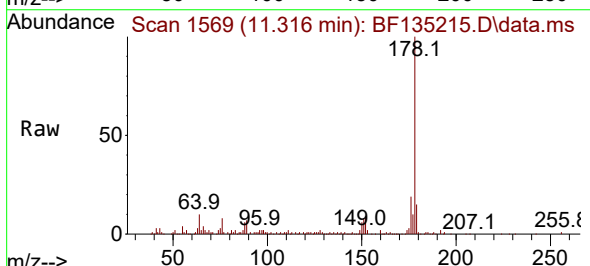
Manual Integrations

APPROVED

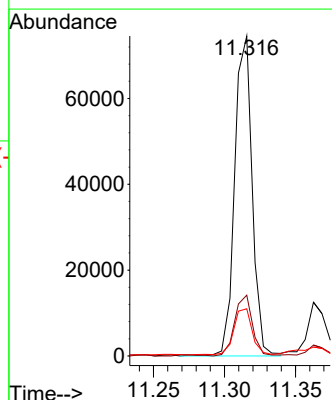
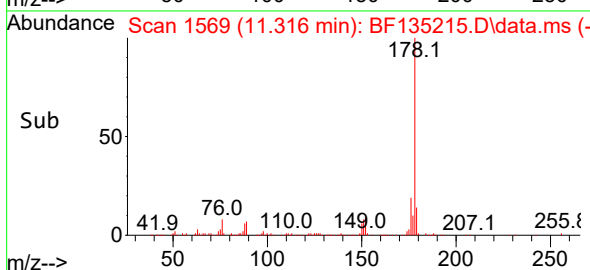
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

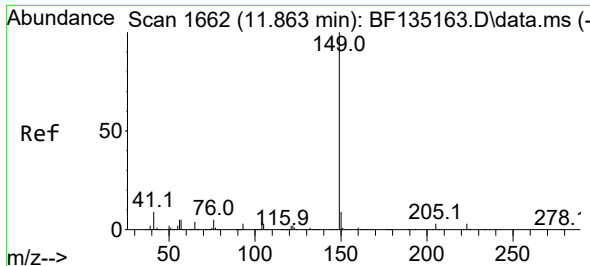


#71
Phenanthrene
Concen: 4.977 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46



Tgt Ion:178 Resp: 64002
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 14.7 12.0 18.0





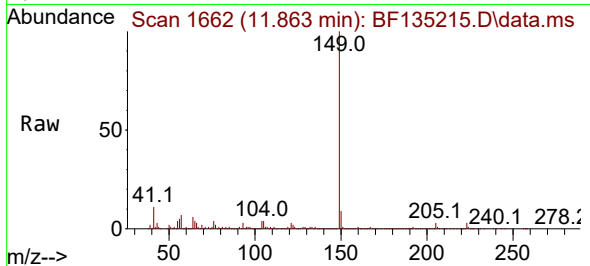
#74
Di-n-butylphthalate
Concen: 12.686 ng
RT: 11.863 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP



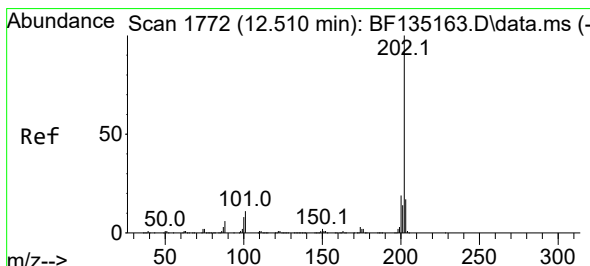
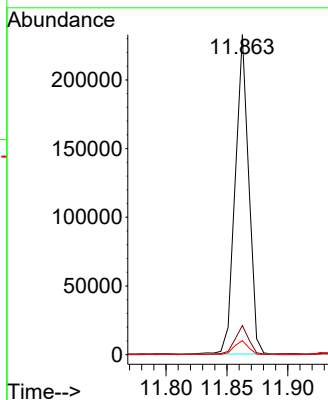
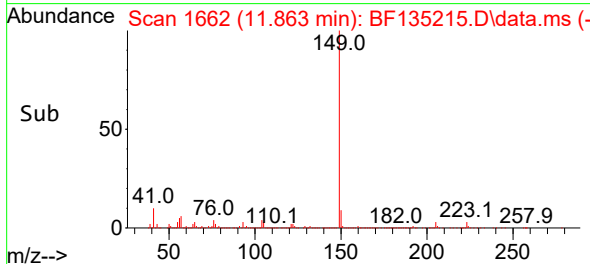
Tgt Ion:149 Resp: 17988
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.4 3.6 5.4

Manual Integrations

APPROVED

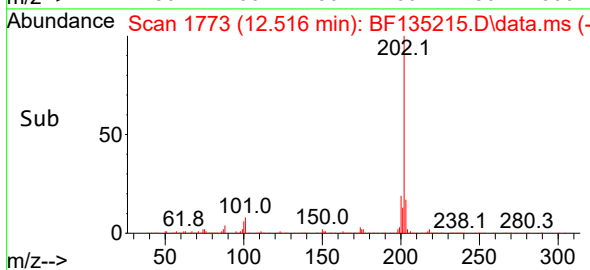
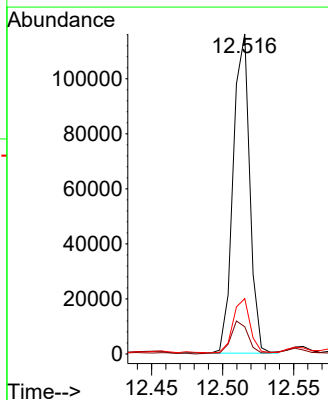
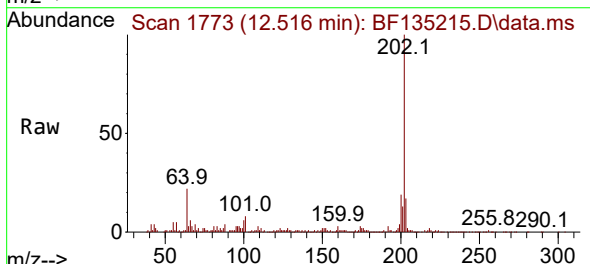
Reviewed By :Yogesh Patel 09/13/2023

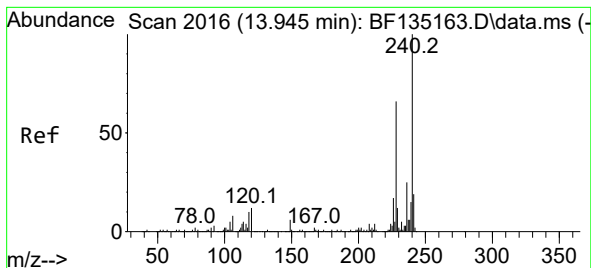
Supervised By :mohammad ahmed 09/14/2023



#75
Fluoranthene
Concen: 7.070 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:202 Resp: 94742
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.3
203 17.3 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

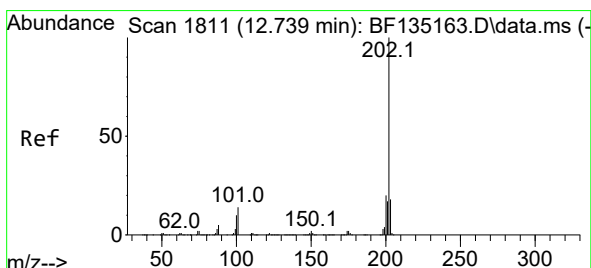
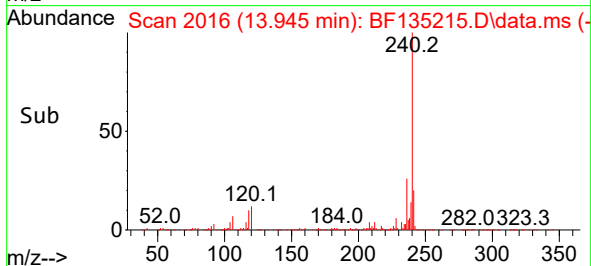
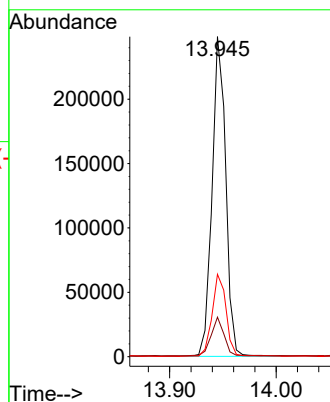
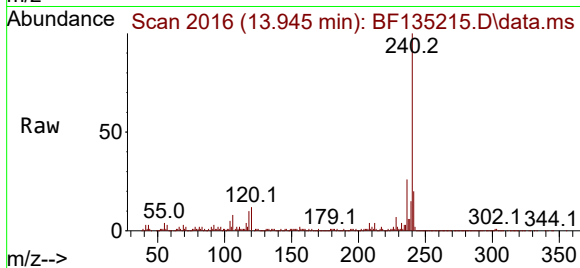
Tgt Ion:240 Resp: 22214
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.4 14.2
 236 25.7 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#78

Pyrene

Concen: 4.272 ng

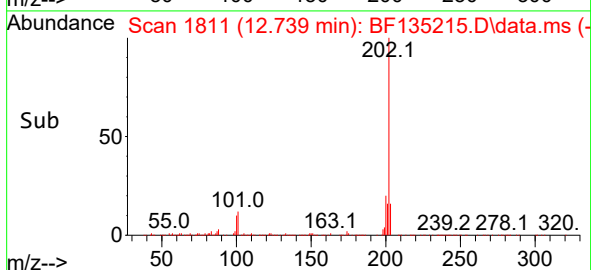
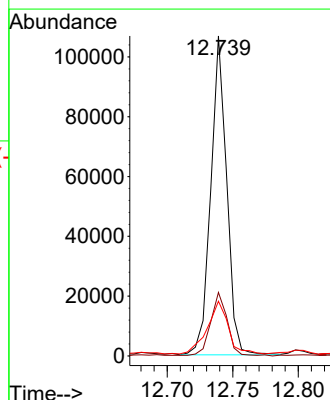
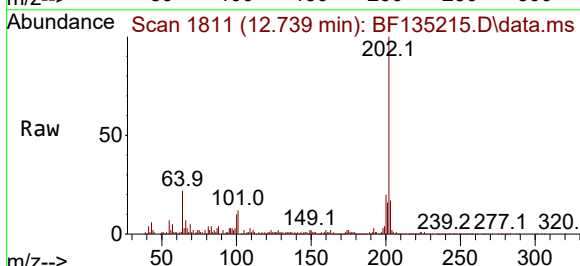
RT: 12.739 min Scan# 1811

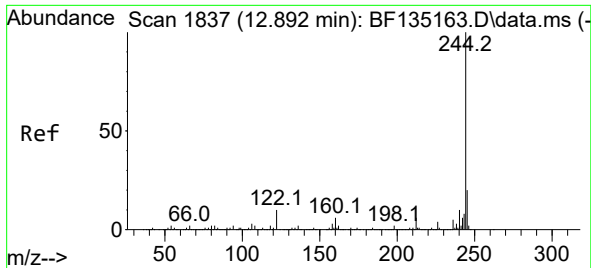
Delta R.T. 0.000 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Tgt Ion:202 Resp: 90348
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.2 24.2
 203 17.1 14.2 21.4





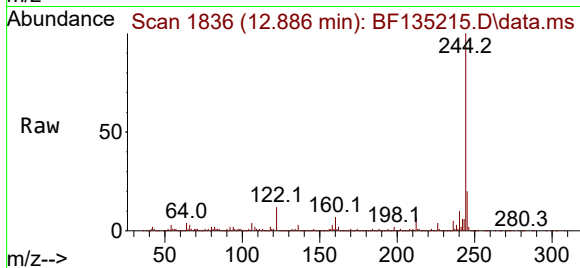
#79
 Terphenyl-d14
 Concen: 37.781 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135215.D
 Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

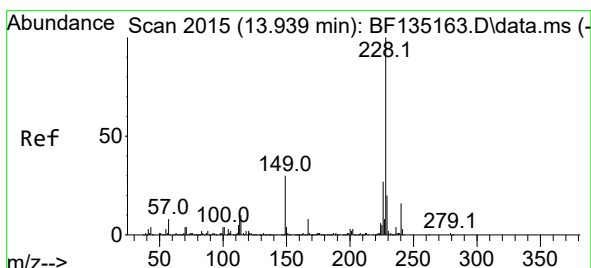
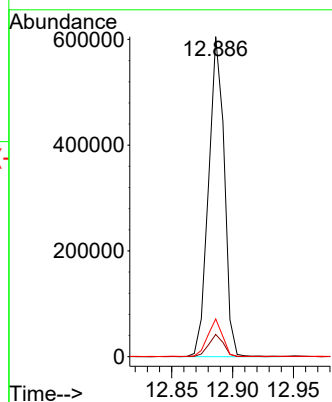
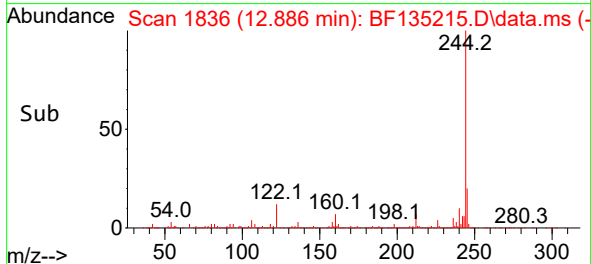


Tgt Ion:244 Resp: 541400
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.8 7.9 11.9

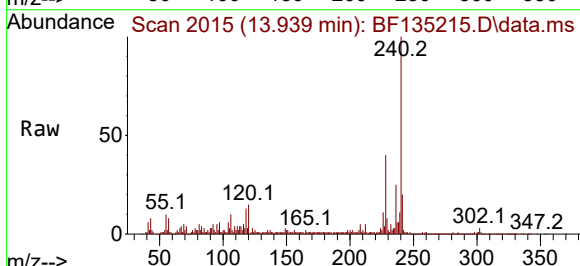
Manual Integrations

APPROVED

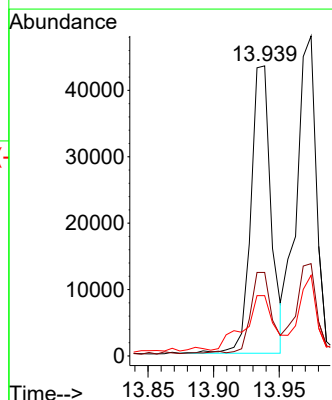
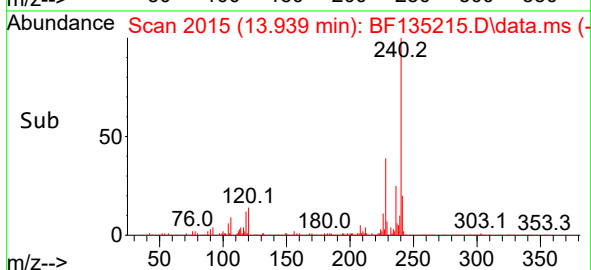
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

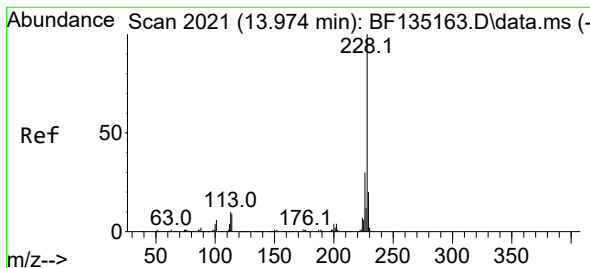


#81
 Benzo(a)anthracene
 Concen: 3.236 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: BF135215.D
 Acq: 13 Sep 2023 09:46



Tgt Ion:228 Resp: 46424
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.7 32.5
 229 20.8 15.8 23.8





#83

Chrysene

Concen: 3.682 ng m

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

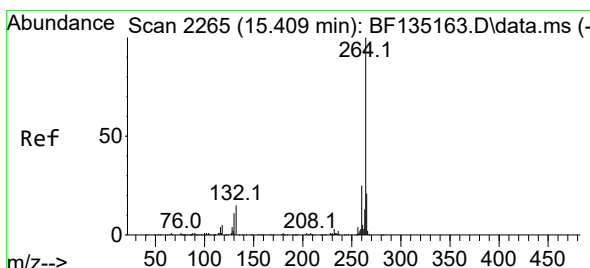
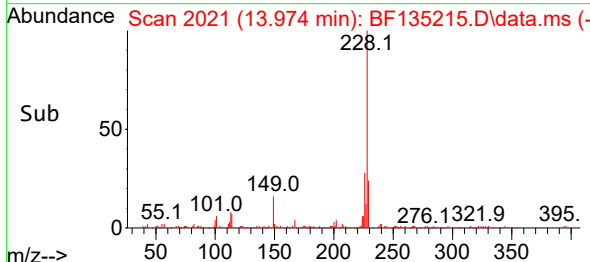
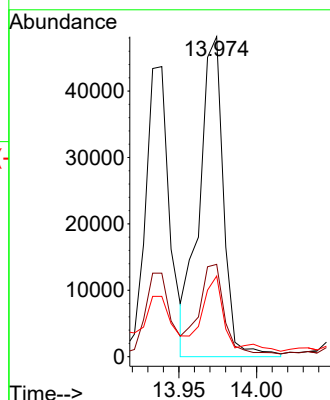
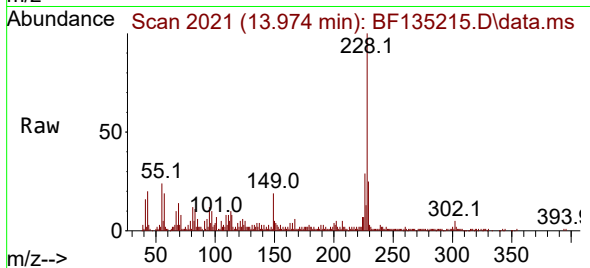
Tgt Ion:	228	Resp:	5251
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.3	36.5
229	25.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#86

Perylene-d12

Concen: 20.000 ng

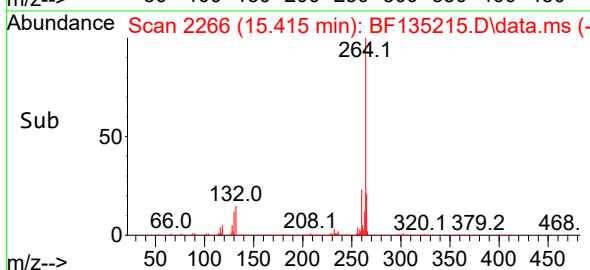
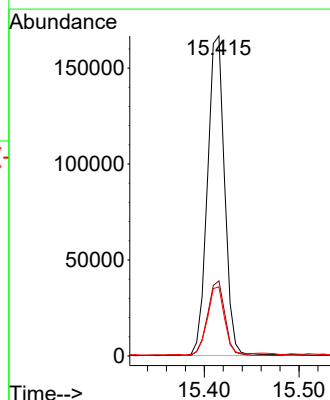
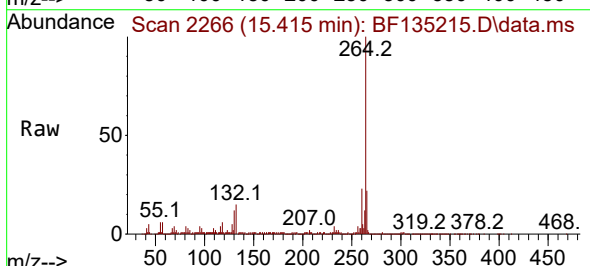
RT: 15.415 min Scan# 2266

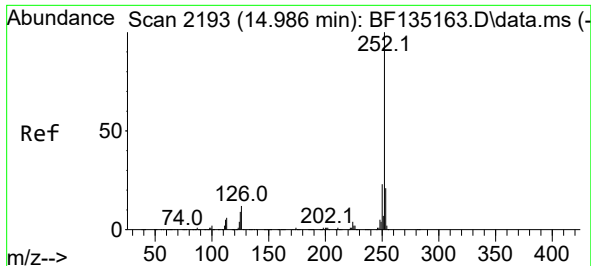
Delta R.T. 0.006 min

Lab File: BF135215.D

Acq: 13 Sep 2023 09:46

Tgt Ion:	264	Resp:	208429
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.8	29.6
265	21.6	17.0	25.4





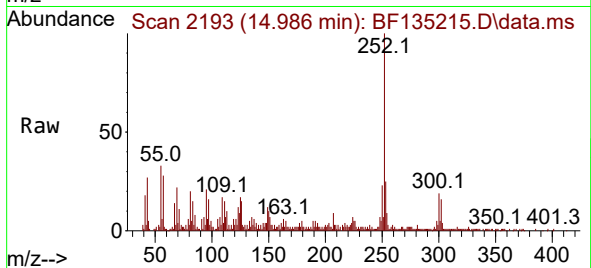
#88
Benzo(b)fluoranthene
Concen: 4.864 ng m
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

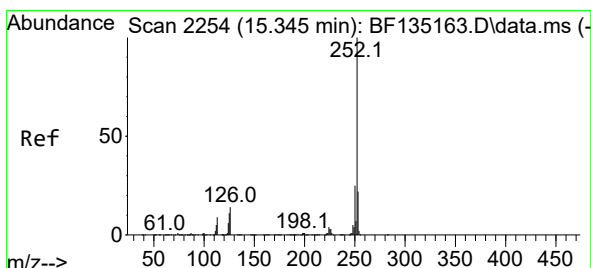
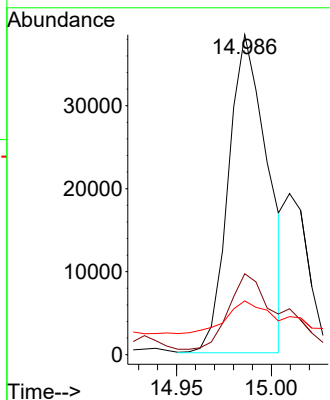
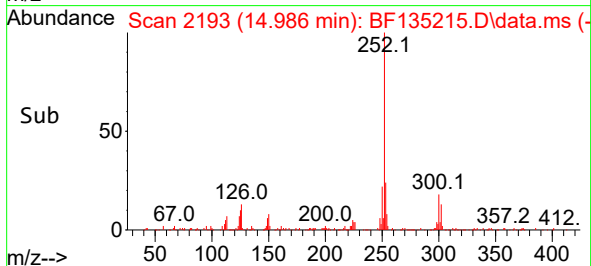


Tgt Ion:252 Resp: 5488
Ion Ratio Lower Upper
252 100
253 25.3 17.2 25.8
125 16.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#90
Benzo(a)pyrene
Concen: 2.920 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135215.D
Acq: 13 Sep 2023 09:46

Tgt Ion:252 Resp: 31416
Ion Ratio Lower Upper
252 100
253 25.7 17.5 26.3
125 20.1 9.2 13.8

