

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135220.D
 Acq On : 13 Sep 2023 12:27
 Operator : CG\JU
 Sample : 04370-01 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-09082023

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 12:55:56 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	164973	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	573277	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	207401	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	365166	20.000	ng	0.00
76) Chrysene-d12	13.951	240	288446	20.000	ng	0.00
86) Perylene-d12	15.415	264	218994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	266480	26.272	ng	0.00
7) Phenol-d6	6.398	99	321898	24.958	ng	0.00
23) Nitrobenzene-d5	7.322	82	186536	17.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	50350	24.429	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	314783	22.899	ng	0.00
79) Terphenyl-d14	12.886	244	296523	15.936	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.510	202	63797	3.545	ng	99
78) Pyrene	12.739	202	60300	2.196	ng	100
88) Benzo(b)fluoranthene	14.986	252	30164m	2.544	ng	

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

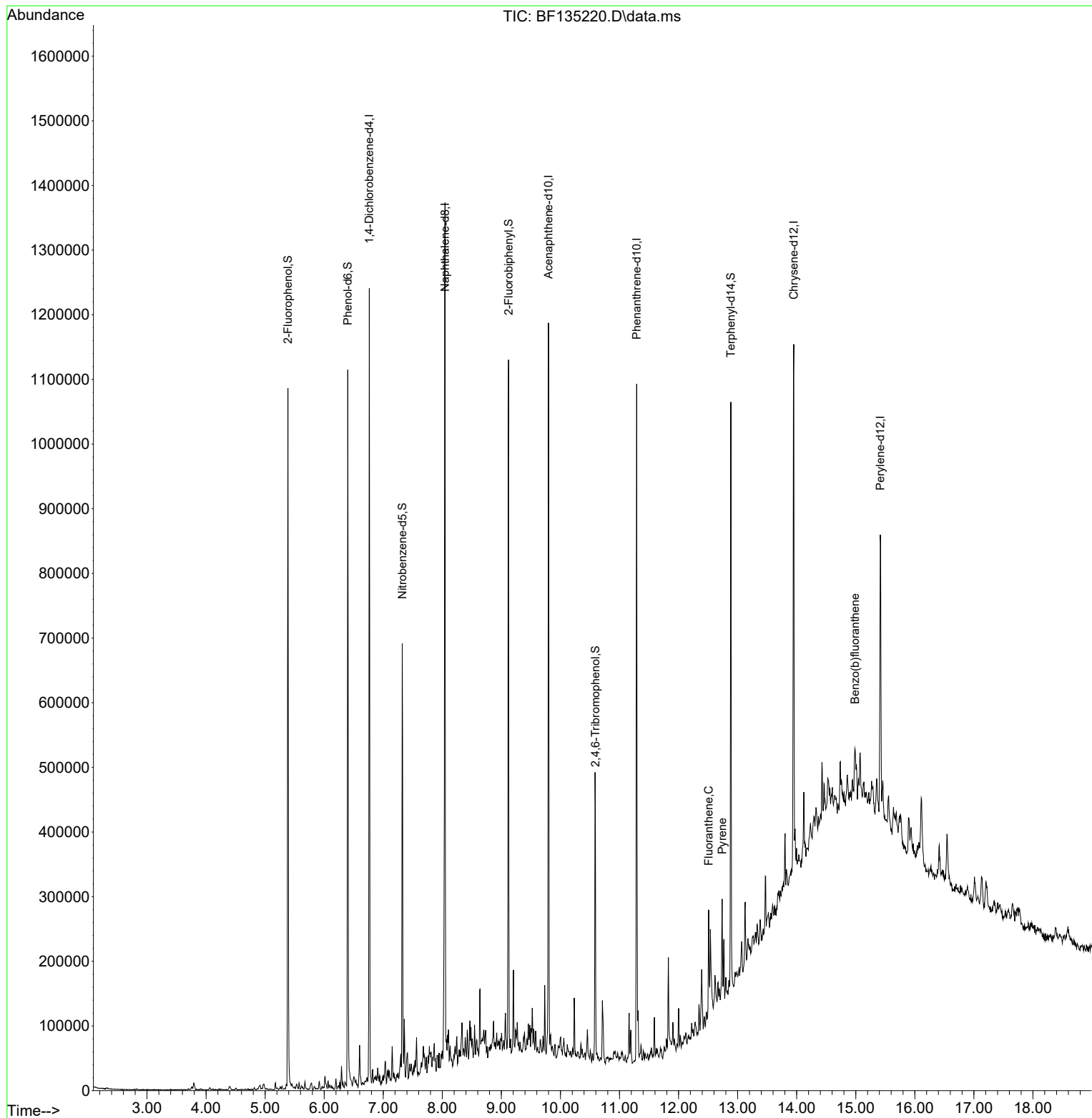
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

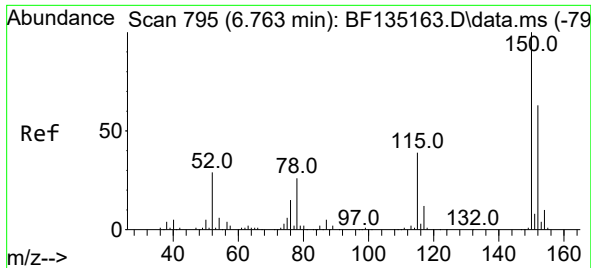
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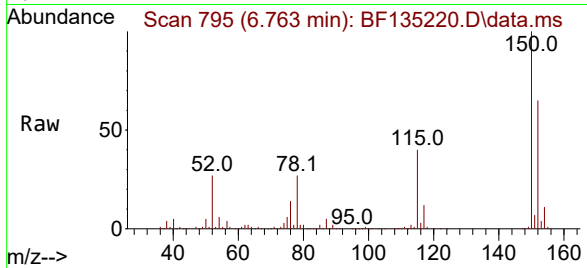
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27

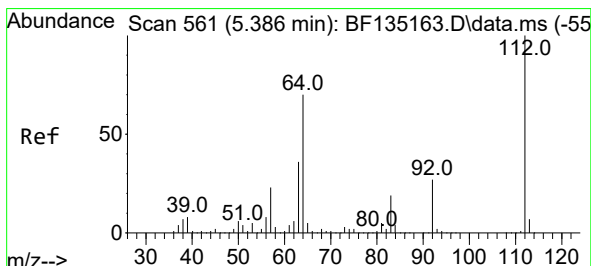
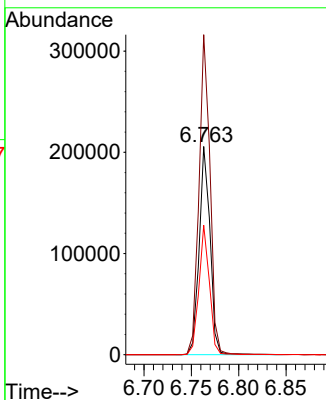
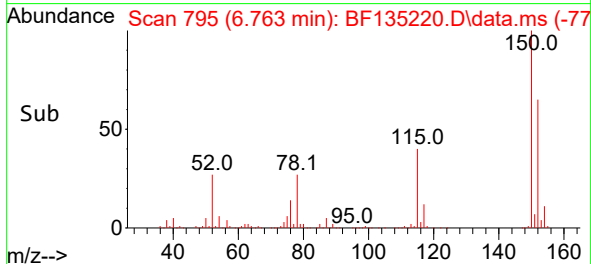
Instrument :
BNA_F
ClientSampleId :
EO-02-09082023



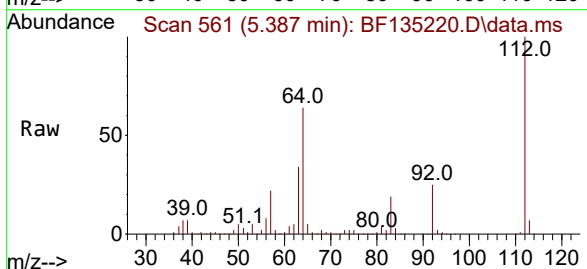
Tgt Ion:152 Resp: 16497
Ion Ratio Lower Upper
152 100
150 153.8 127.8 191.6
115 62.2 49.8 74.8

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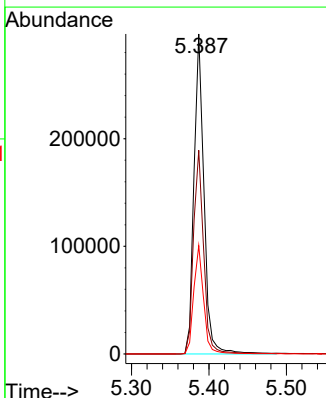
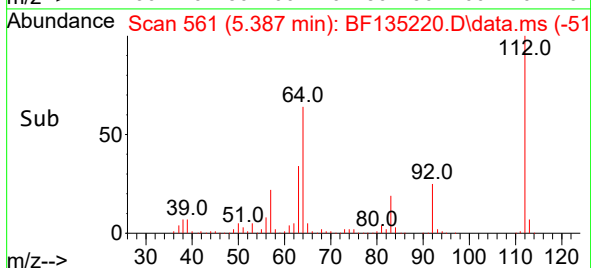
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

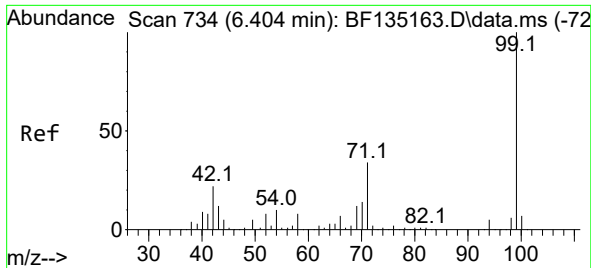


#5
2-Fluorophenol
Concen: 26.272 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27



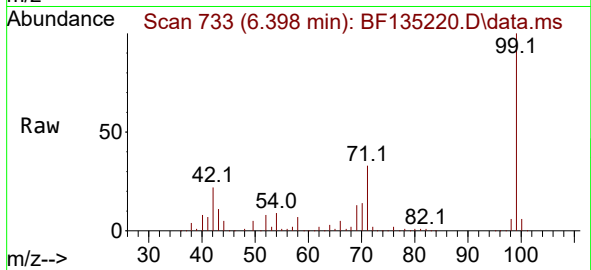
Tgt Ion:112 Resp: 266480
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 33.8 29.0 43.6





#7
Phenol-d6
Concen: 24.958 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27

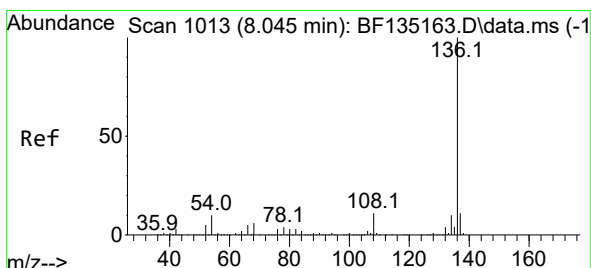
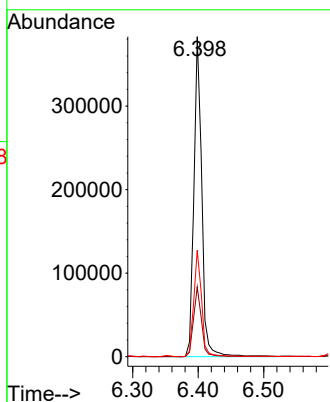
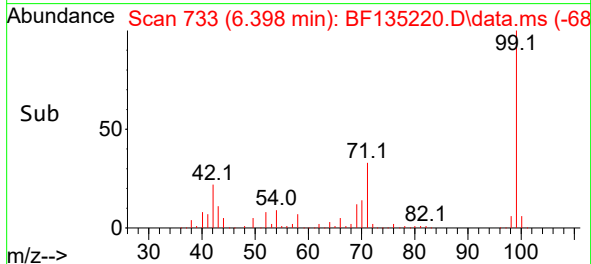
Instrument :
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ClientSampleId :
EO-02-09082023



Tgt Ion: 99 Resp: 321898
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 33.3 27.0 40.6

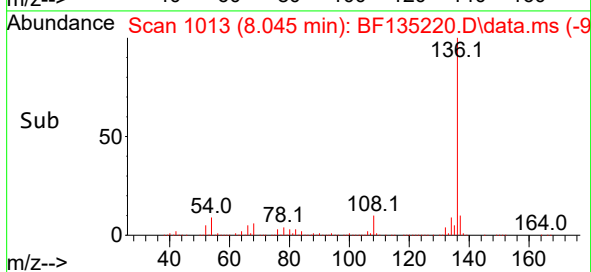
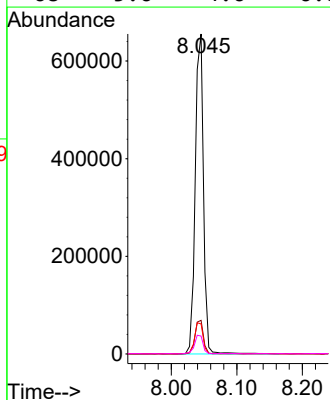
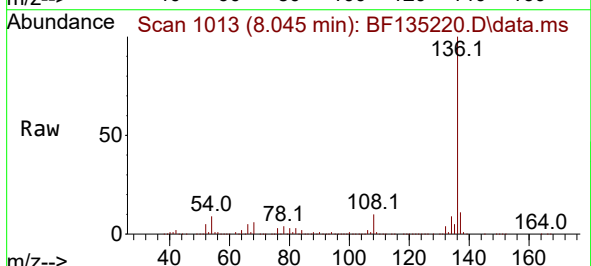
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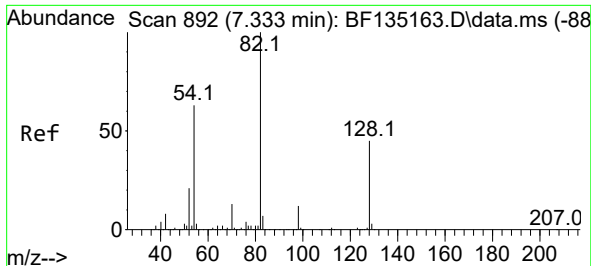
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27

Tgt Ion:136 Resp: 573277
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.4 7.7 11.5
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 17.678 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135220.D

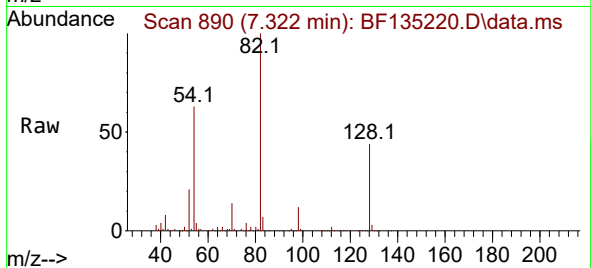
Acq: 13 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

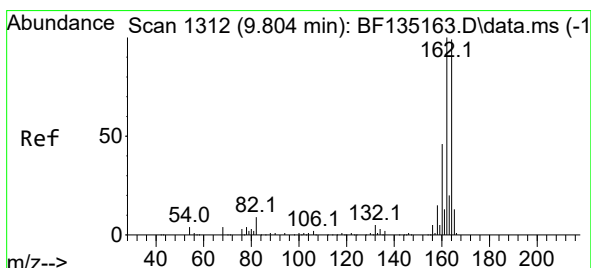
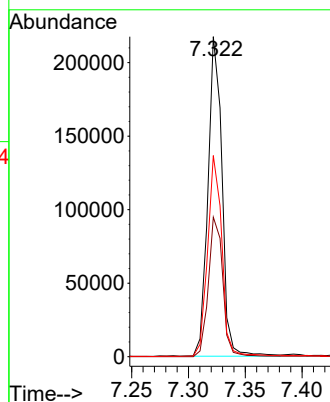
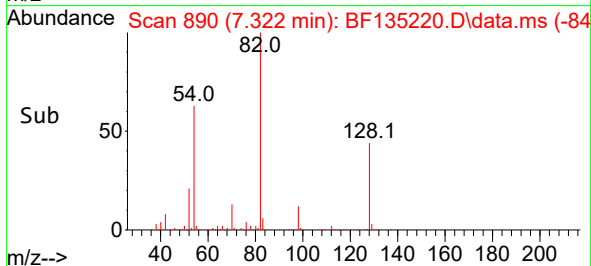
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Tgt Ion:	82	Resp:	186530
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.8	53.6
54	62.9	50.6	76.0

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Supervised By :mohammad ahmed 09/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

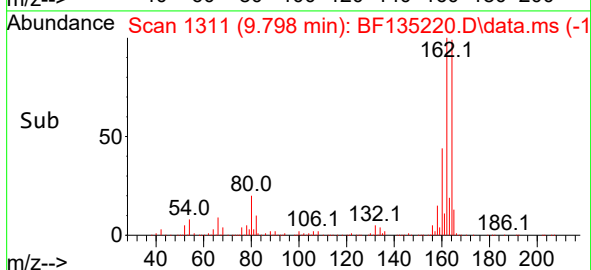
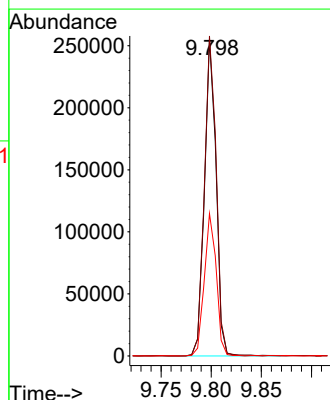
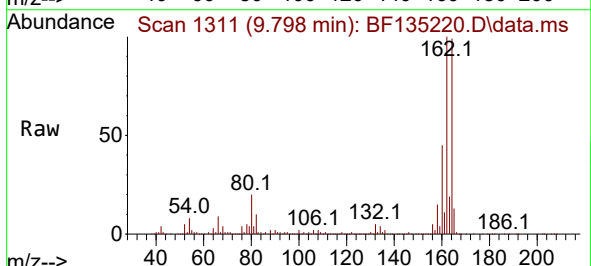
RT: 9.798 min Scan# 1311

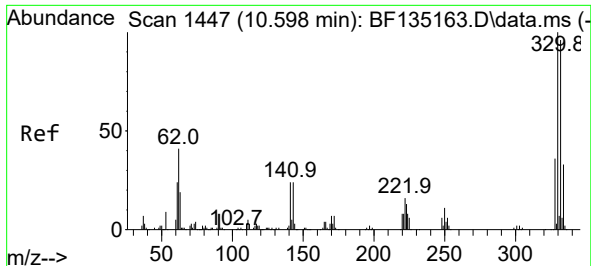
Delta R.T. -0.006 min

Lab File: BF135220.D

Acq: 13 Sep 2023 12:27

Tgt Ion:	164	Resp:	207401
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.0	121.4
160	44.9	37.0	55.4





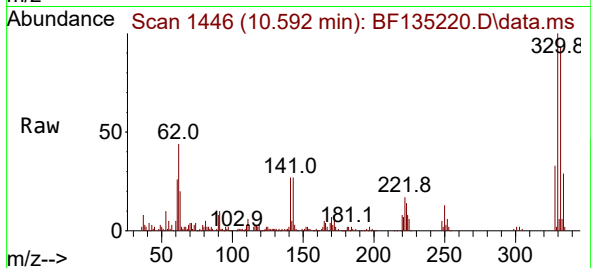
#42
2,4,6-Tribromophenol
Concen: 24.429 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

EO-02-09082023



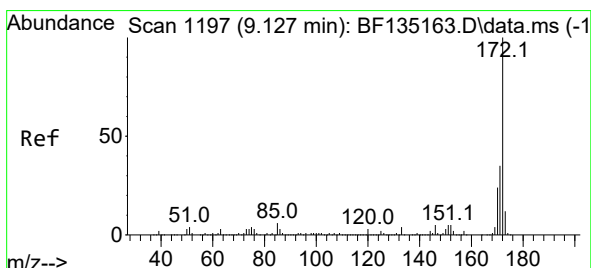
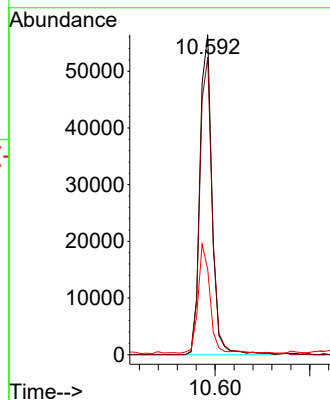
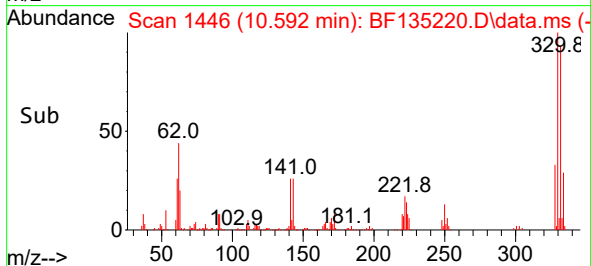
Tgt Ion:330 Resp: 50350
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 32.4 25.8 38.8

Manual Integrations

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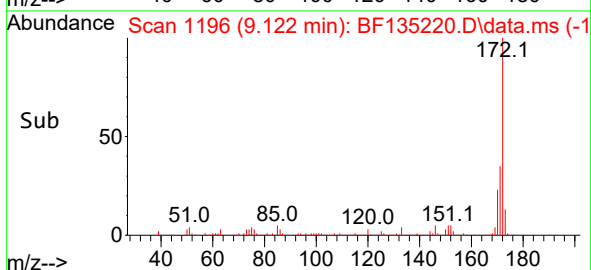
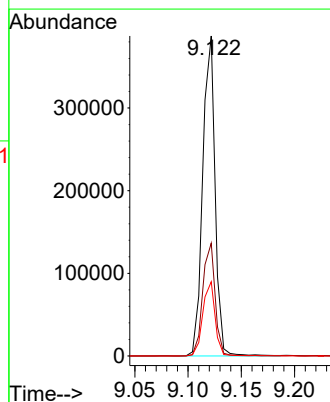
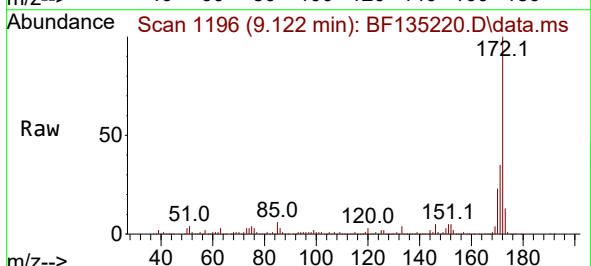
Reviewed By :Yogesh Patel 09/13/2023

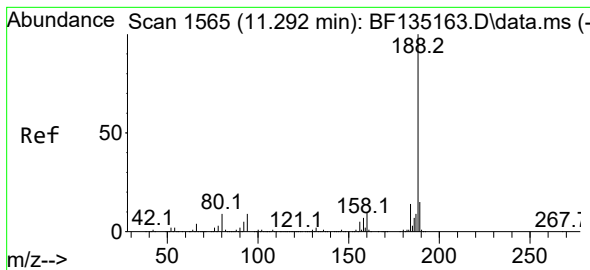
Supervised By :mohammad ahmed 09/14/2023



#45
2-Fluorobiphenyl
Concen: 22.899 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27

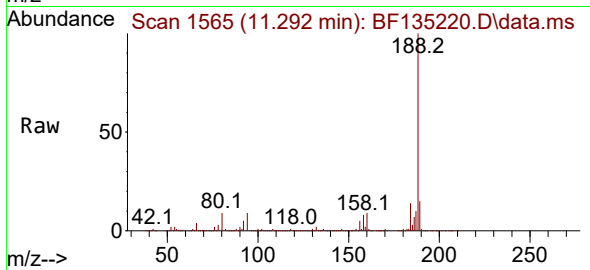
Tgt Ion:172 Resp: 314783
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27

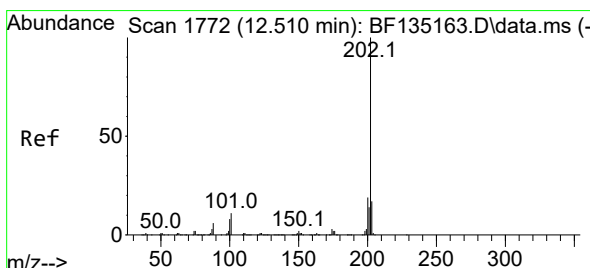
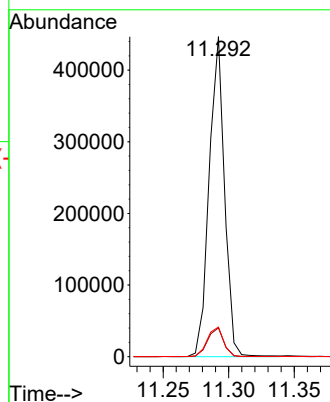
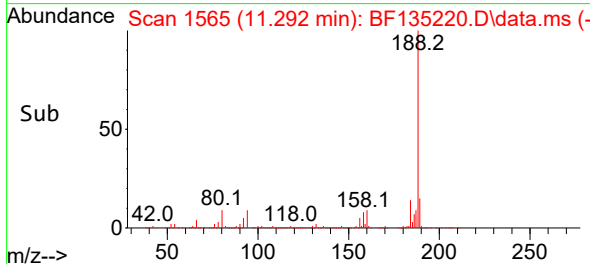
Instrument :
BNA_F
ClientSampleId :
EO-02-09082023



Tgt Ion:188 Resp: 365160
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.2 7.5 11.3

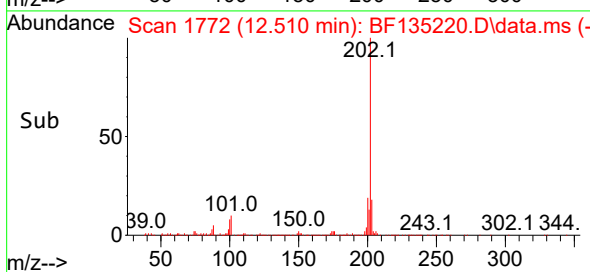
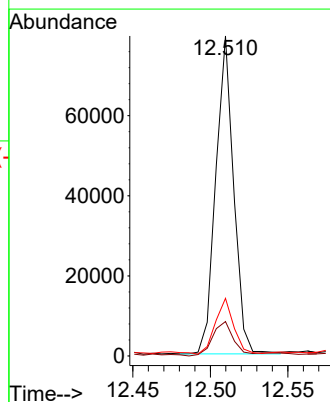
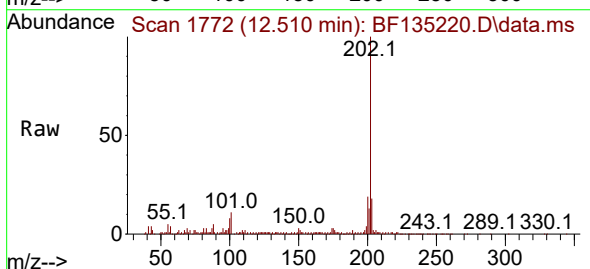
Manual Integrations
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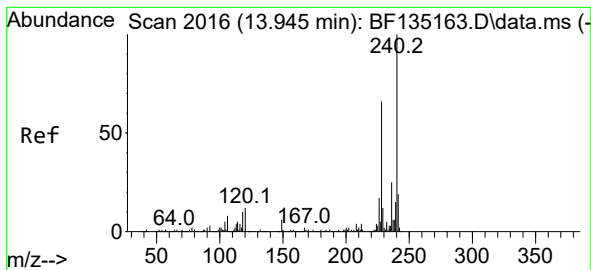
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#75
Fluoranthene
Concen: 3.545 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135220.D
Acq: 13 Sep 2023 12:27

Tgt Ion:202 Resp: 63797
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.3
203 18.0 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF135220.D

Acq: 13 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

EO-02-09082023

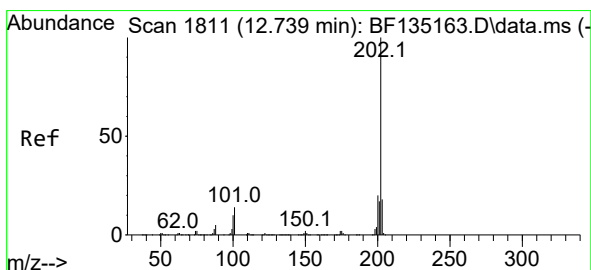
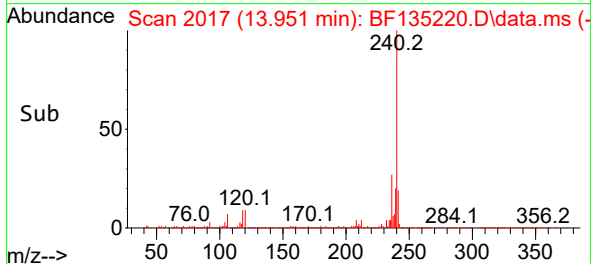
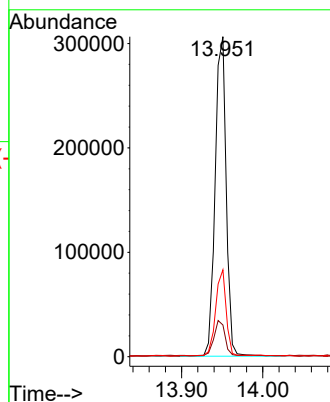
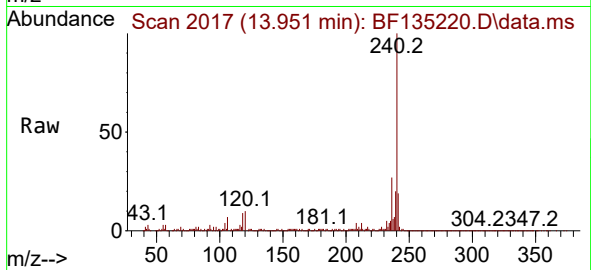
Tgt Ion:240 Resp: 288440
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.4 14.2
 236 27.2 19.8 29.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#78

Pyrene

Concen: 2.196 ng

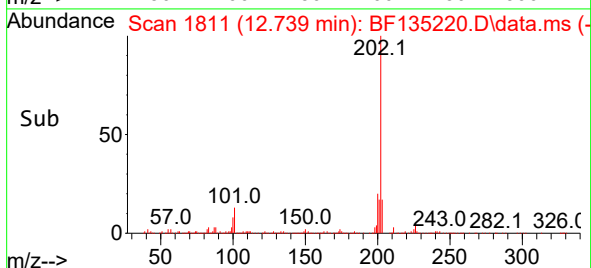
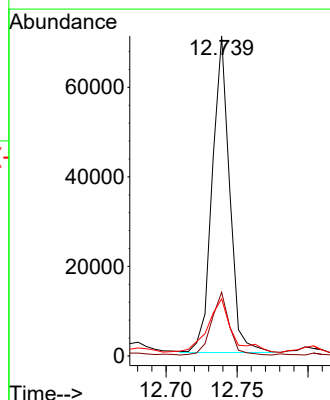
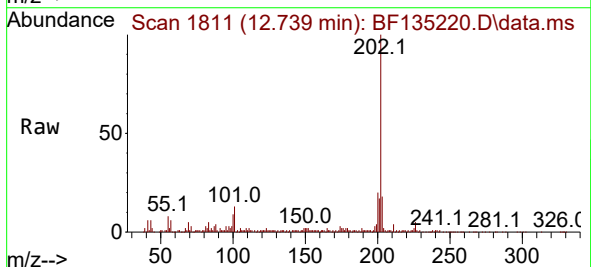
RT: 12.739 min Scan# 1811

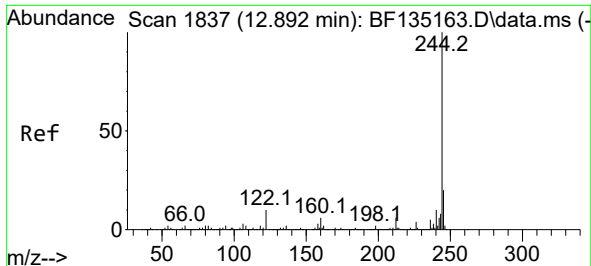
Delta R.T. 0.000 min

Lab File: BF135220.D

Acq: 13 Sep 2023 12:27

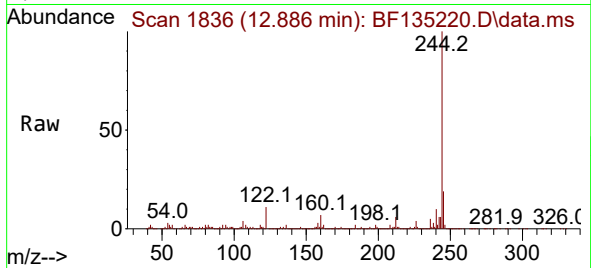
Tgt Ion:202 Resp: 60300
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.2 24.2
 203 17.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 15.936 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135220.D
 Acq: 13 Sep 2023 12:27

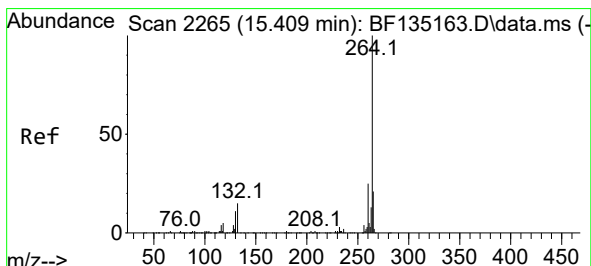
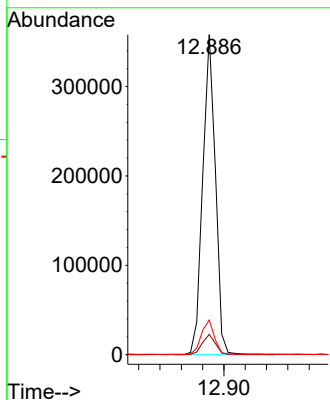
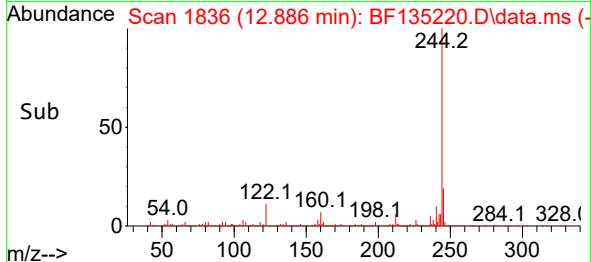
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 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 29652
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 10.8 7.9 11.9

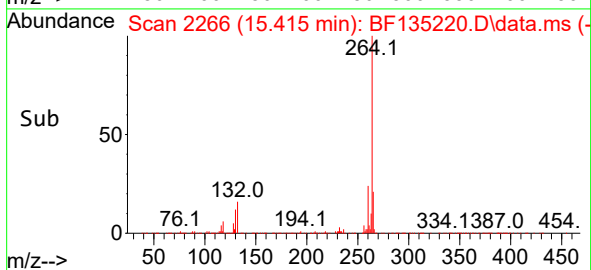
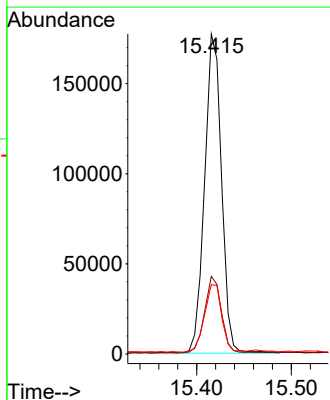
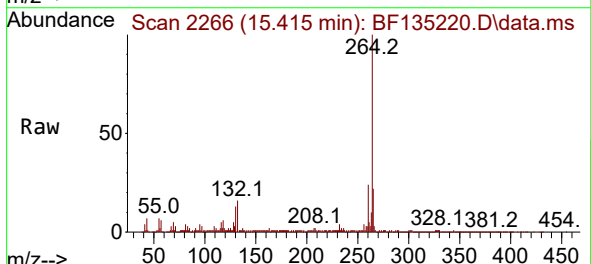
Manual Integrations
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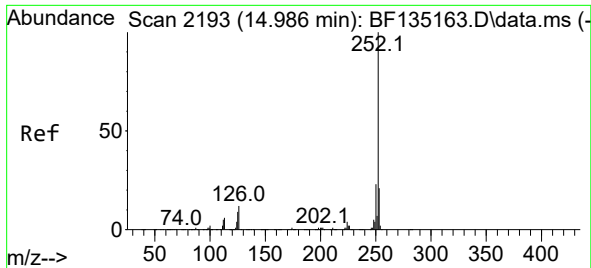
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF135220.D
 Acq: 13 Sep 2023 12:27

Tgt Ion:264 Resp: 218994
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.6 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.544 ng m

RT: 14.986 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135220.D

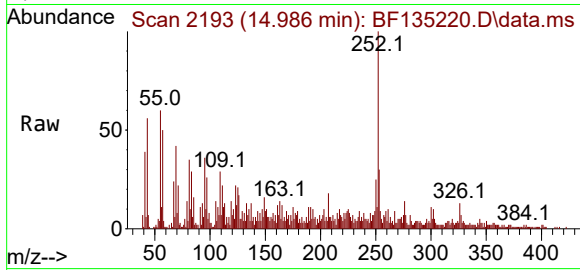
Acq: 13 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

EO-02-09082023



Tgt Ion:252 Resp: 30164

Ion Ratio Lower Upper

252 100

253 30.2 17.2 25.8

125 20.9 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023

