

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138013.D
 Acq On : 22 May 2024 19:25
 Operator : CG\JU
 Sample : P2564-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-05212024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 01:13:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	134902	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	490683	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	230084	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	331606	20.000	ng	0.00
76) Chrysene-d12	14.221	240	291672	20.000	ng	0.00
86) Perylene-d12	15.792	264	230965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	374546	47.162	ng	-0.01
7) Phenol-d6	6.645	99	458278	46.845	ng	-0.01
23) Nitrobenzene-d5	7.592	82	269447	32.316	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	97869	42.186	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	565802	37.880	ng	0.00
79) Terphenyl-d14	13.157	244	515232	26.034	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.792	202	54679	3.297	ng	100
78) Pyrene	13.021	202	53639	2.103	ng	98
88) Benzo(b)fluoranthene	15.315	252	34887m	2.609	ng	

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

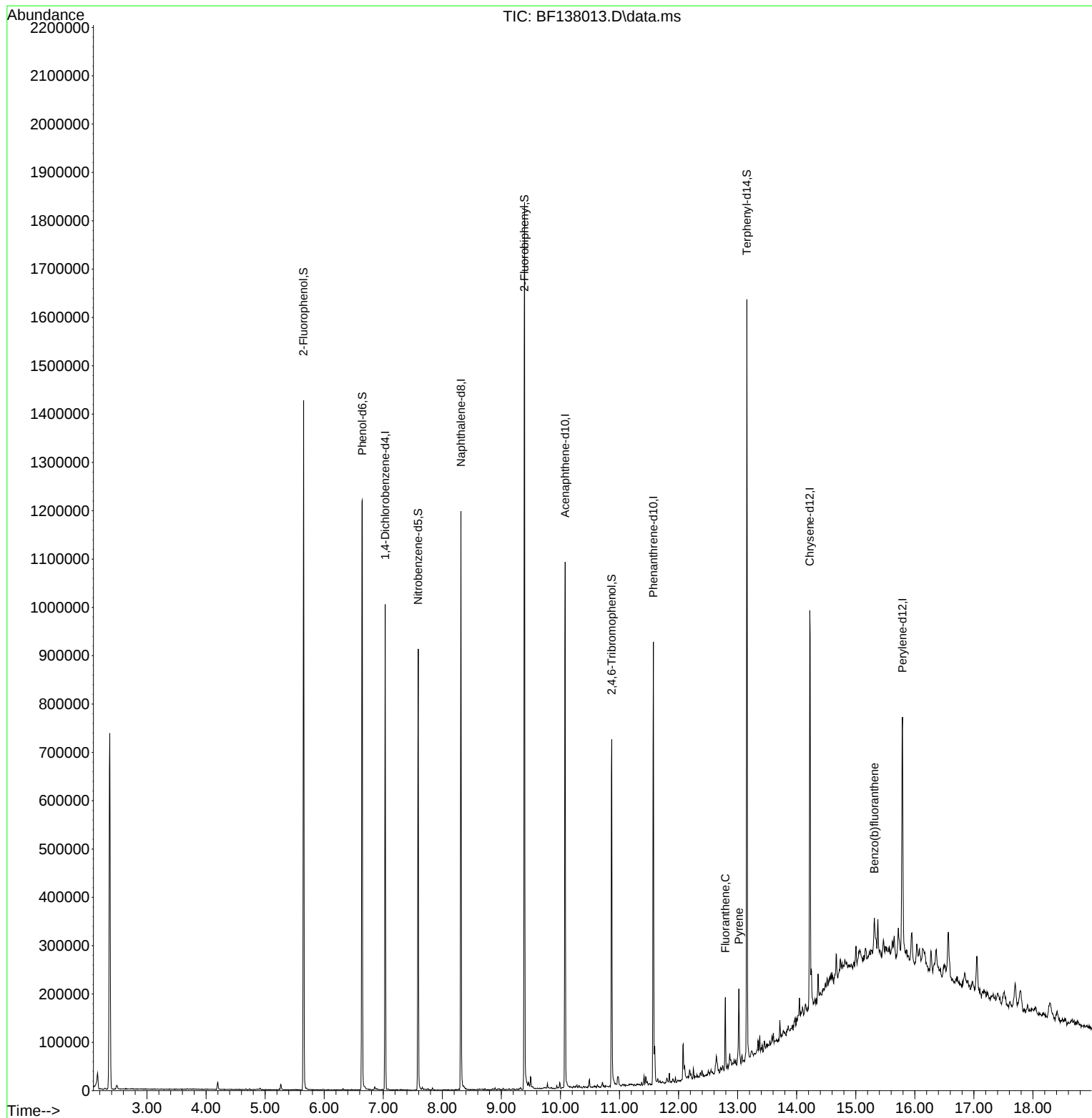
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
Data File : BF138013.D
Acq On : 22 May 2024 19:25
Operator : CG\JU
Sample : P2564-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-05212024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 01:13:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration





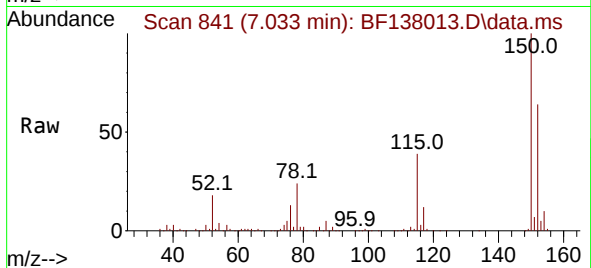
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

HD-01-05212024



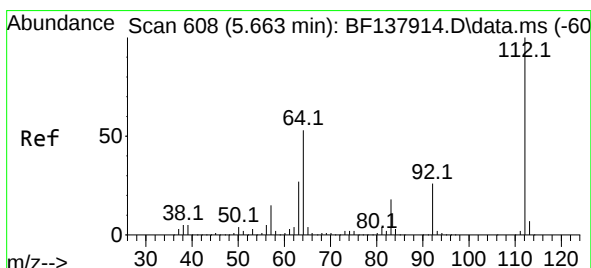
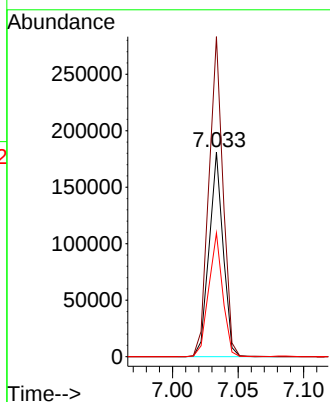
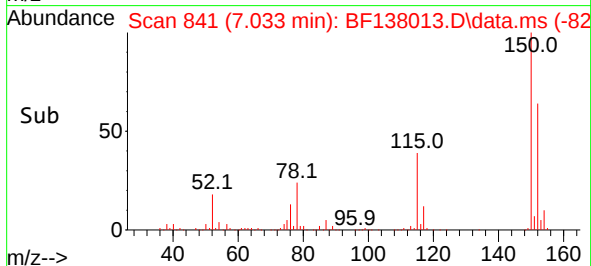
Tgt Ion:152 Resp: 134902
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 60.4 47.0 70.6

Manual Integrations

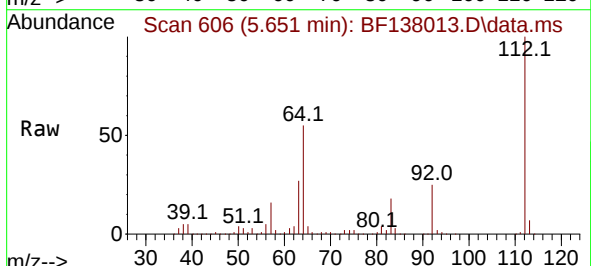
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

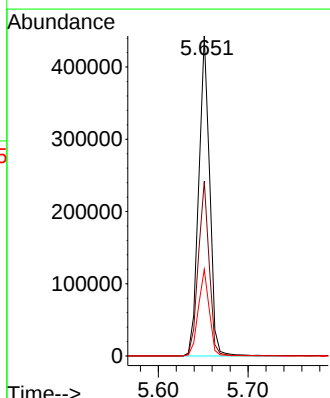
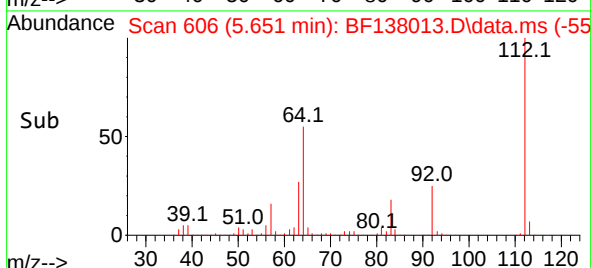
Supervised By :mohammad ahmed 05/24/2024

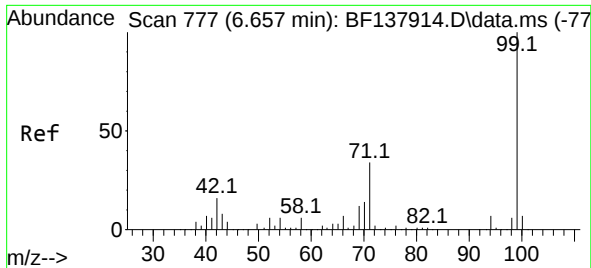


#5
2-Fluorophenol
Concen: 47.162 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25



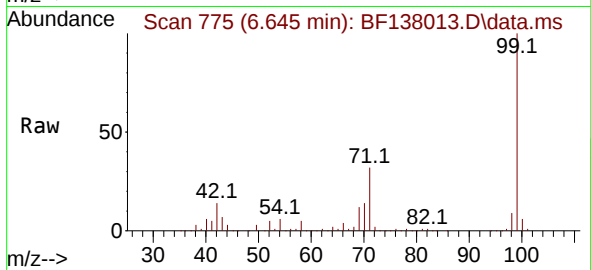
Tgt Ion:112 Resp: 374546
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 27.1 21.4 32.2





#7
Phenol-d6
Concen: 46.845 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

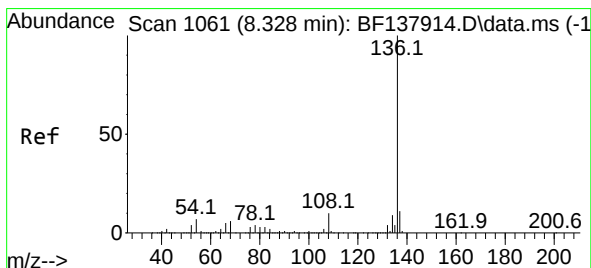
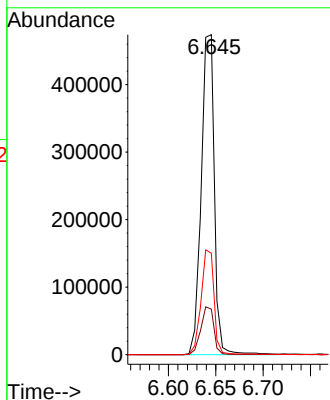
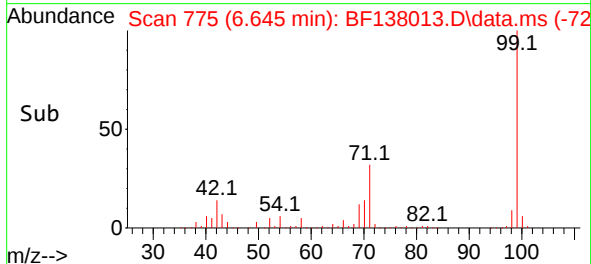
Instrument :
BNA_F
ClientSampleId :
HD-01-05212024



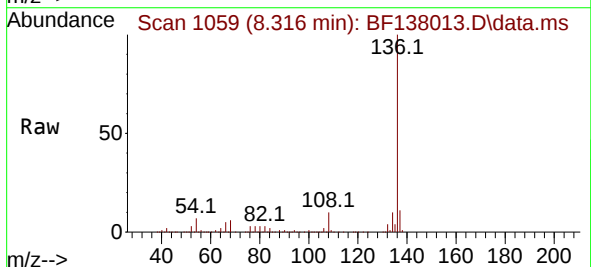
Tgt Ion: 99 Resp: 458278
Ion Ratio Lower Upper
99 100
42 14.3 12.6 18.8
71 31.7 27.1 40.7

Manual Integrations
APPROVED

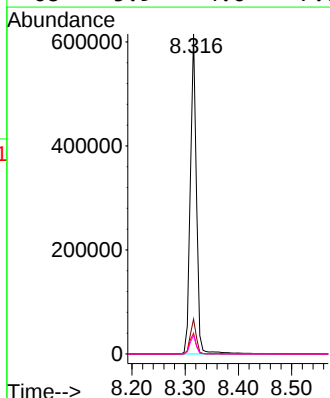
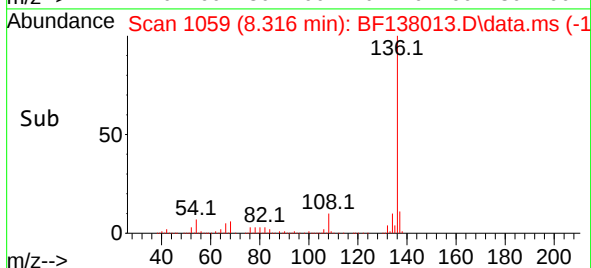
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25



Tgt Ion:136 Resp: 490683
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.5 5.4 8.2
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 32.316 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

HD-01-05212024

Tgt Ion: 82 Resp: 26944

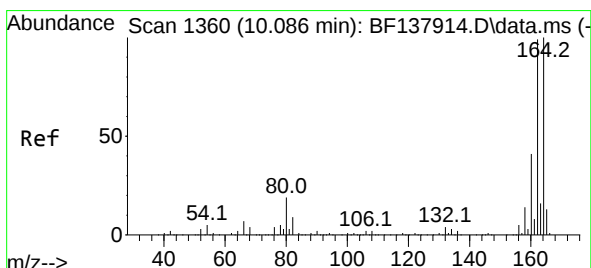
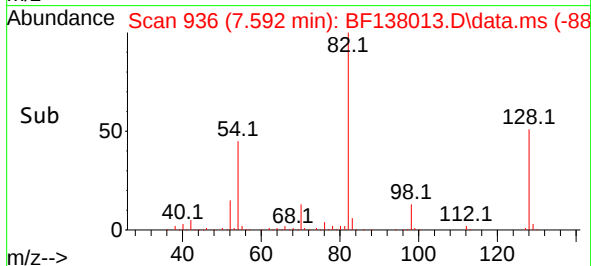
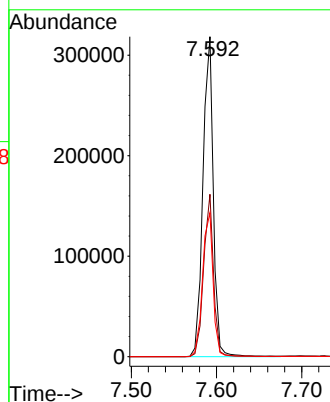
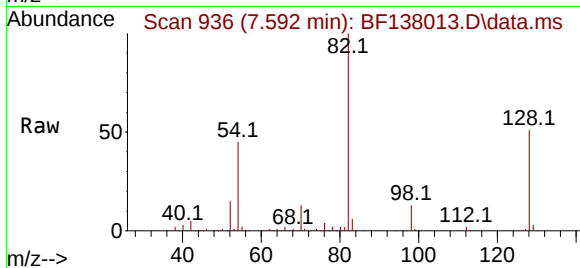
Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.3	60.5
54	45.0	36.8	55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

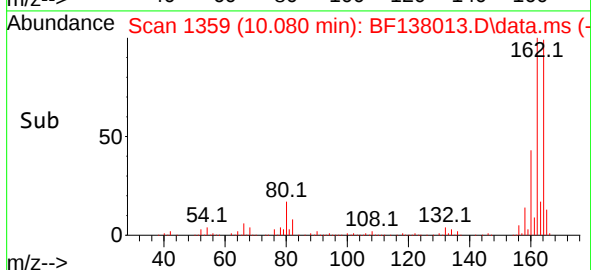
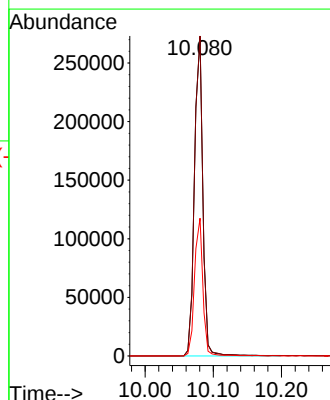
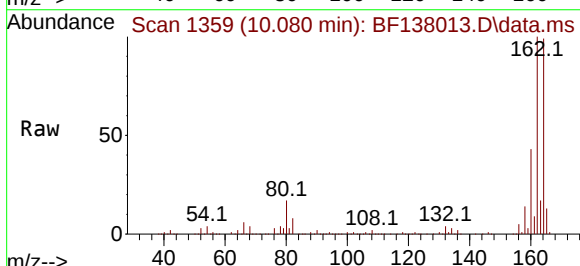
Delta R.T. -0.006 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

Tgt Ion:164 Resp: 230084

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.4	119.2
160	43.3	33.1	49.7





#42
2,4,6-Tribromophenol
Concen: 42.186 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

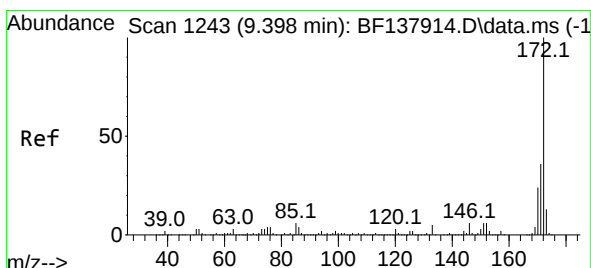
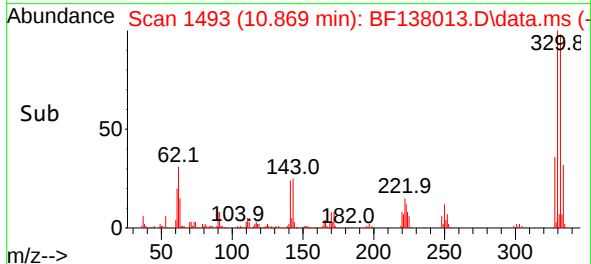
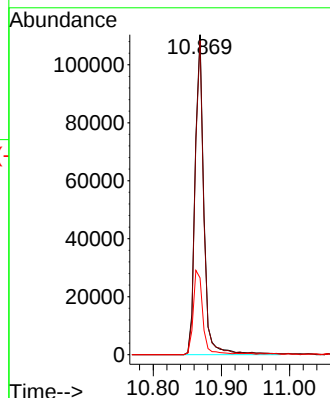
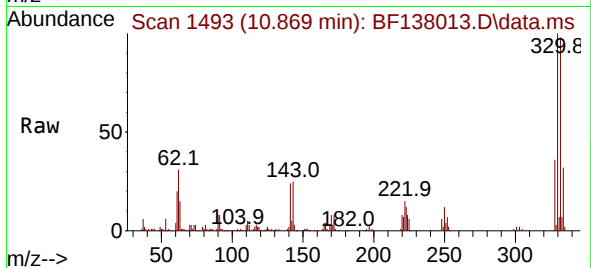
HD-01-05212024

Tgt Ion:330 Resp: 97869
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 28.8 23.8 35.6

Manual Integrations

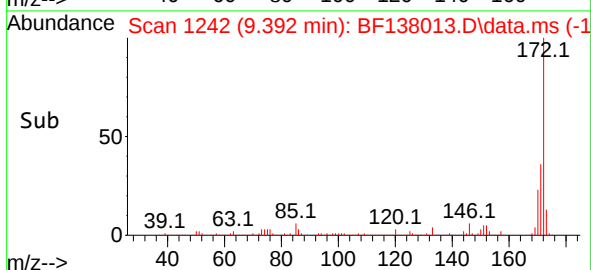
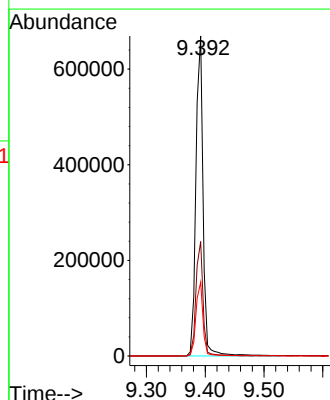
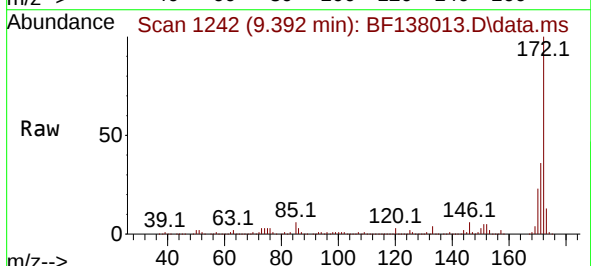
APPROVED

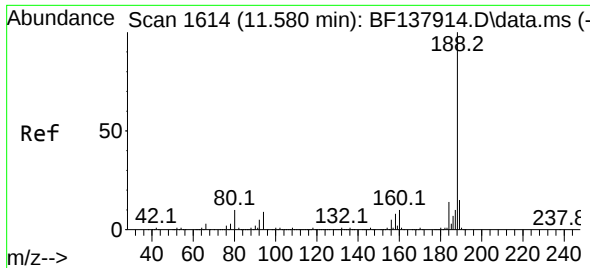
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#45
2-Fluorobiphenyl
Concen: 37.880 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

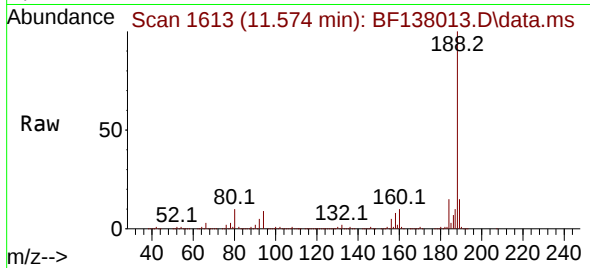
Tgt Ion:172 Resp: 565802
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

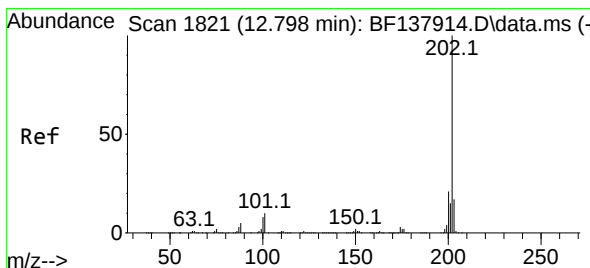
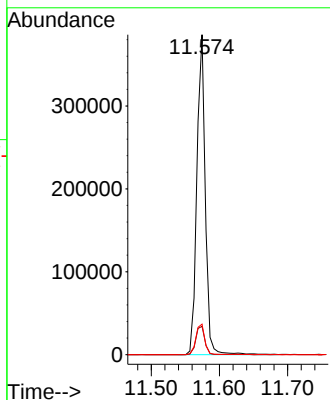
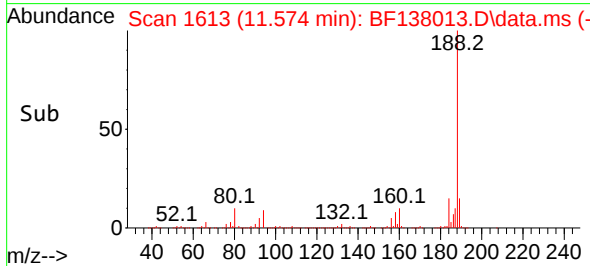
Instrument :
BNA_F
ClientSampleId :
HD-01-05212024



Tgt Ion:188 Resp: 331600
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.6 7.7 11.5

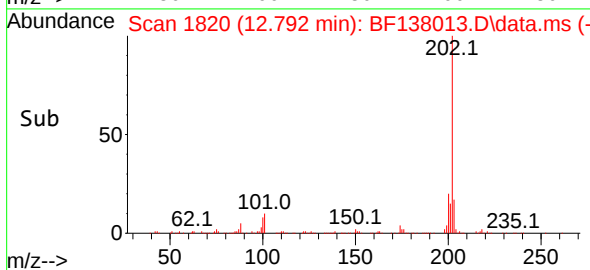
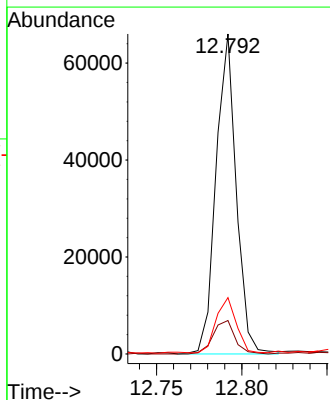
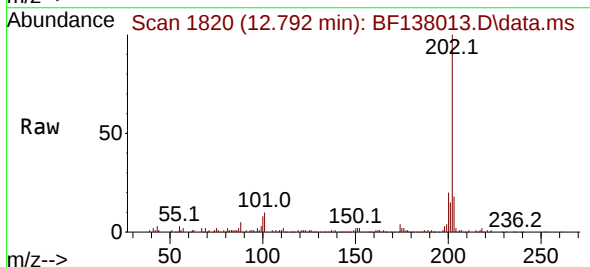
Manual Integrations
APPROVED

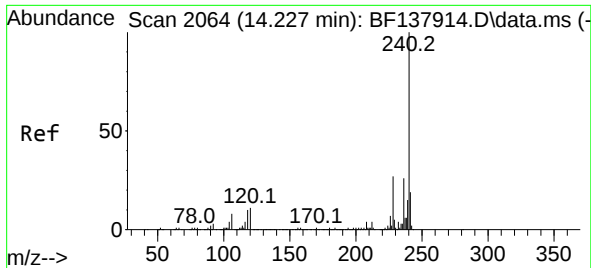
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#75
Fluoranthene
Concen: 3.297 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

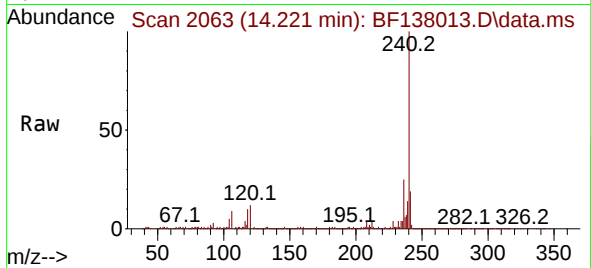
Tgt Ion:202 Resp: 54679
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.6 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

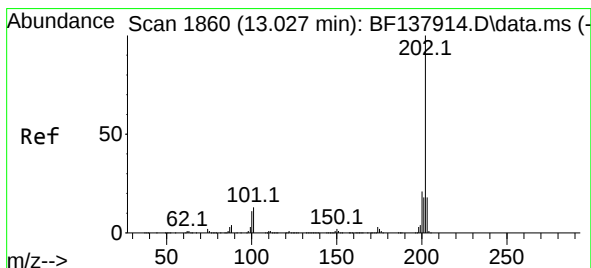
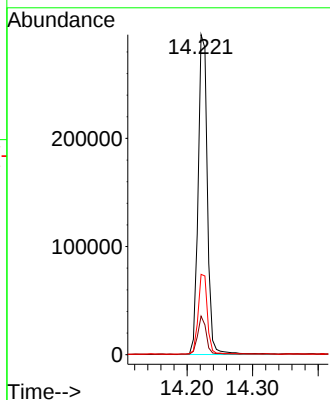
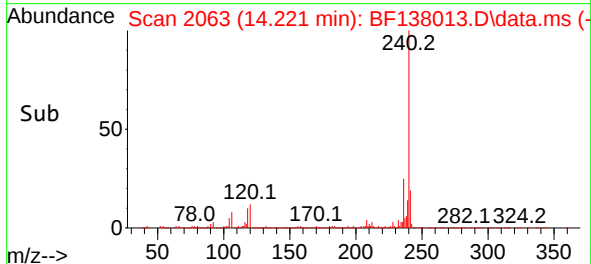
Instrument :
BNA_F
ClientSampleId :
HD-01-05212024



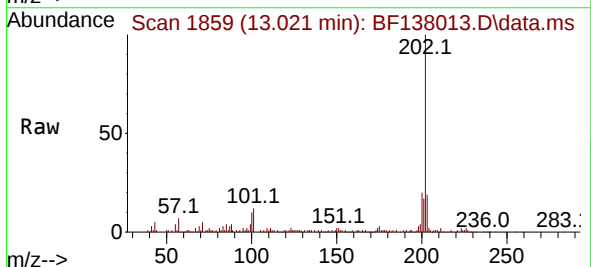
Tgt Ion:240 Resp: 291672
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.1 21.0 31.4

Manual Integrations
APPROVED

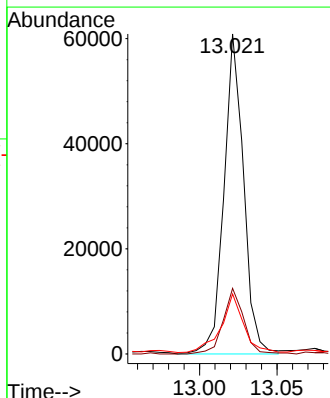
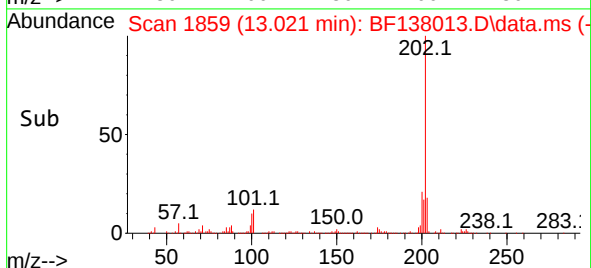
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

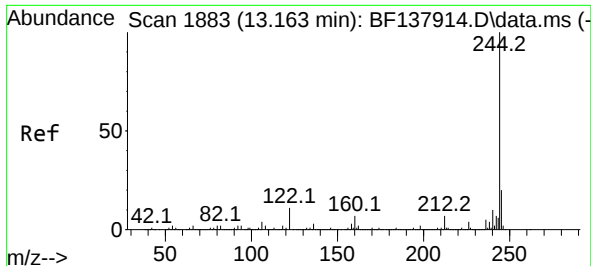


#78
Pyrene
Concen: 2.103 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25



Tgt Ion:202 Resp: 53639
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 18.7 14.1 21.1





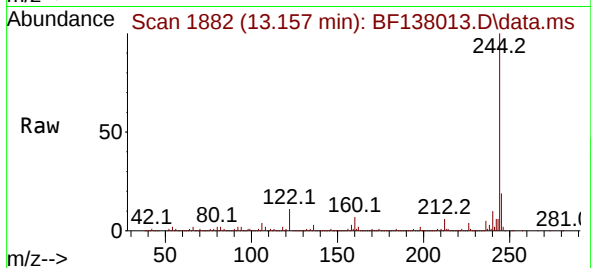
#79
 Terphenyl-d14
 Concen: 26.034 ng
 RT: 13.157 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138013.D
 Acq: 22 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

HD-01-05212024



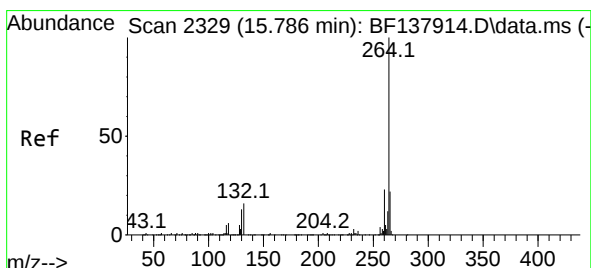
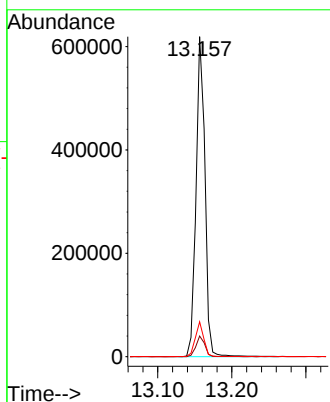
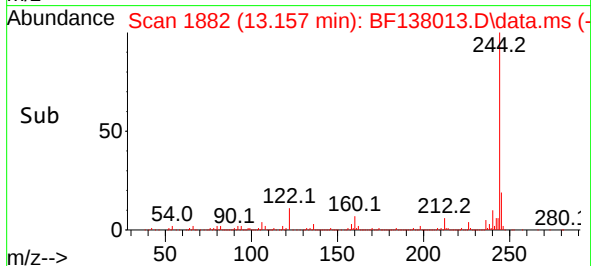
Tgt Ion:244 Resp: 51523
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.9 8.8 13.2

Manual Integrations

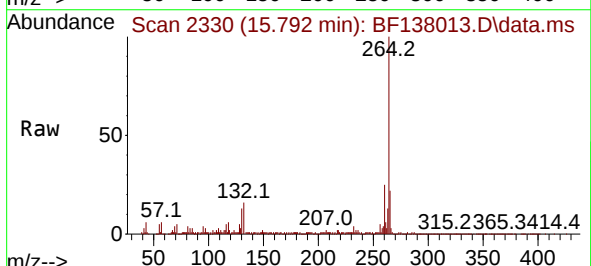
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

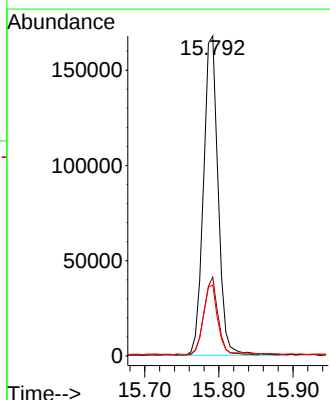
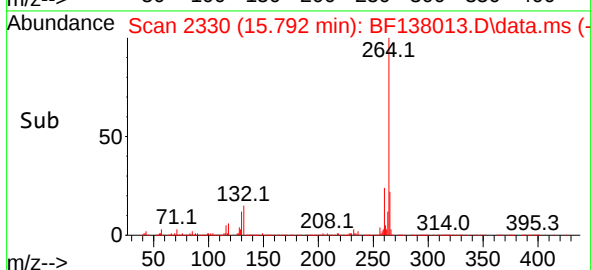
Supervised By :mohammad ahmed 05/24/2024

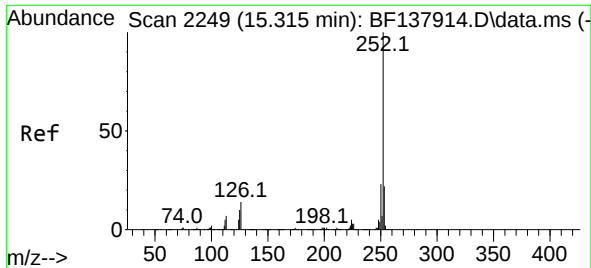


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.792 min Scan# 2330
 Delta R.T. 0.006 min
 Lab File: BF138013.D
 Acq: 22 May 2024 19:25



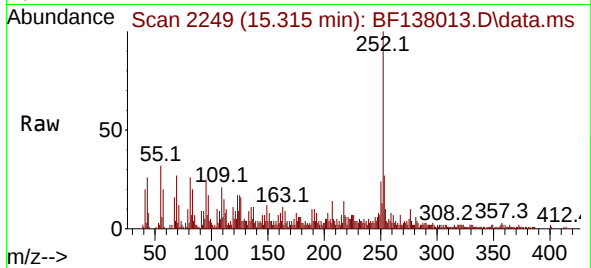
Tgt Ion:264 Resp: 230965
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.3 27.5
 265 22.2 17.6 26.4





#88
Benzo(b)fluoranthene
Concen: 2.609 ng m
RT: 15.315 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Instrument :
BNA_F
ClientSampleId :
HD-01-05212024



Tgt Ion:252 Resp: 3488
Ion Ratio Lower Upper
252 100
253 27.0 17.6 26.4
125 17.2 8.2 12.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

