

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136573.D
 Acq On : 14 Dec 2023 17:45
 Operator : CG\JU
 Sample : 05697-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 15 00:35:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	80261	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	252070	20.000	ng	# 0.01
39) Acenaphthene-d10	9.822	164	134033	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	254679	20.000	ng	0.02
76) Chrysene-d12	13.992	240	226685	20.000	ng	# 0.02
86) Perylene-d12	15.474	264	70200	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	199403	36.691	ng	0.05
7) Phenol-d6	6.869	99	93088m	13.729	ng	0.44
23) Nitrobenzene-d5	7.387	82	458294	98.288	ng	0.03
42) 2,4,6-Tribromophenol	10.627	330	137783	83.372	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	793538	80.785	ng	0.00
79) Terphenyl-d14	12.980	244	563230	32.749	ng	0.07

Target Compounds Qvalue

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

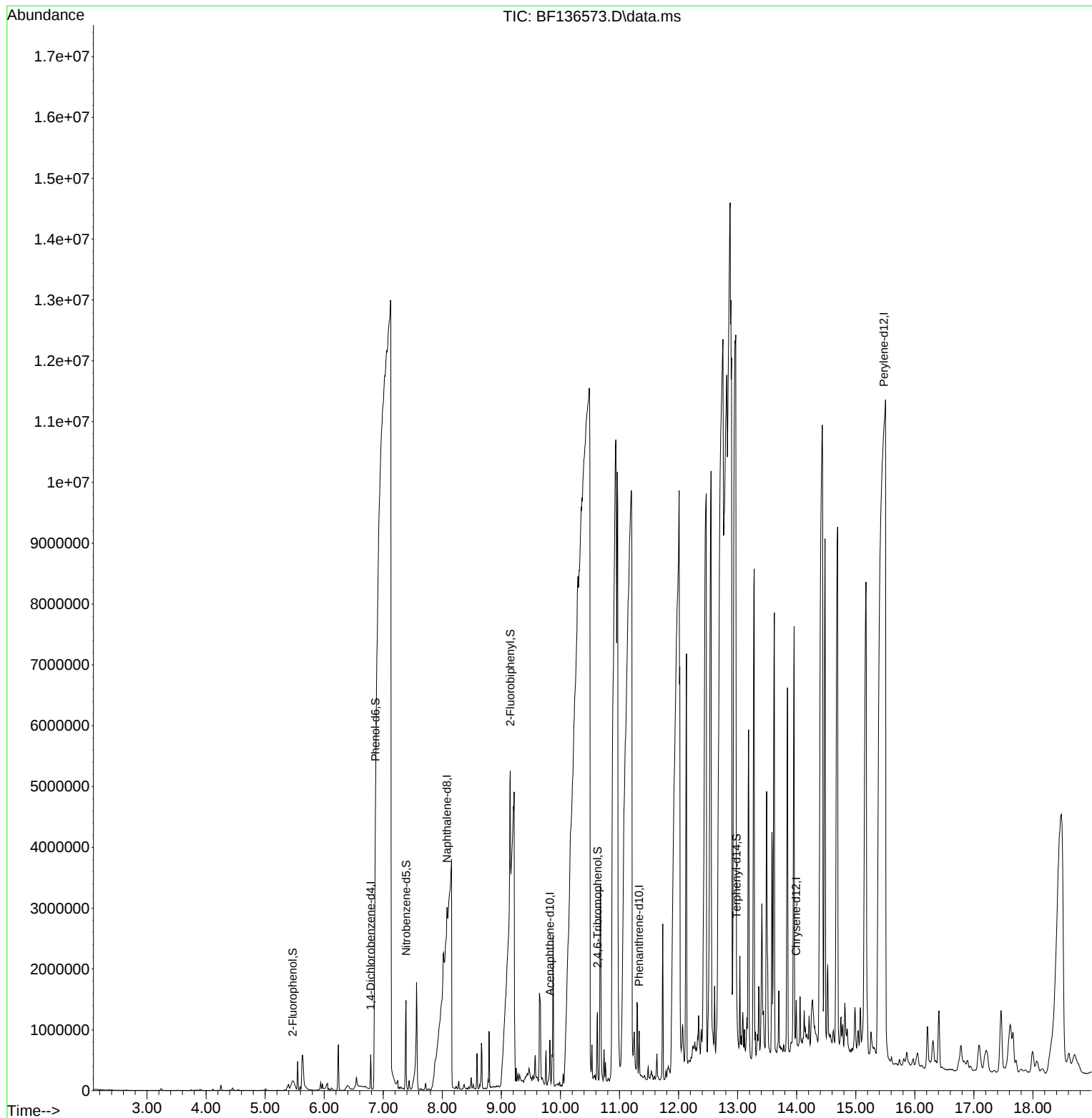
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136573.D
Acq On : 14 Dec 2023 17:45
Operator : CG\JU
Sample : 05697-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

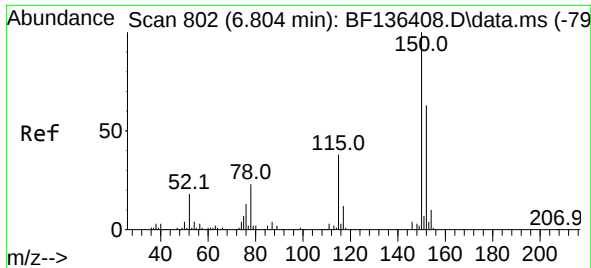
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Dec 15 00:35:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

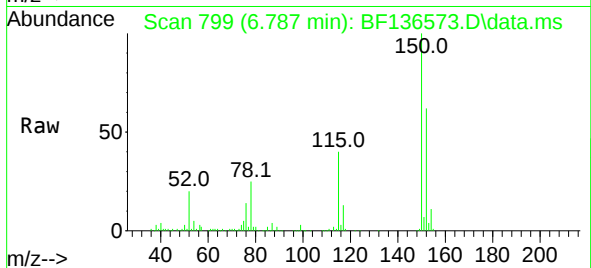
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

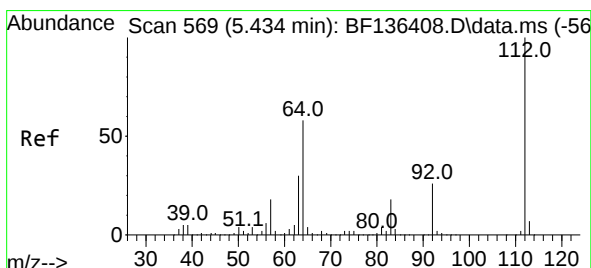
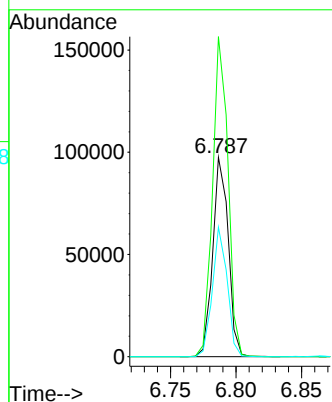
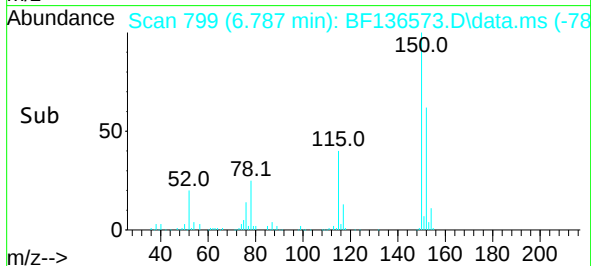
Instrument :
BNA_F
ClientSampleId :
EFF-WW



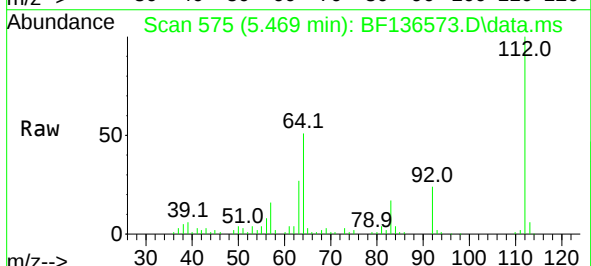
Tgt Ion:152 Resp: 8026
Ion Ratio Lower Upper
152 100
150 160.6 126.4 189.6
115 64.9 48.2 72.4

Manual Integrations
APPROVED

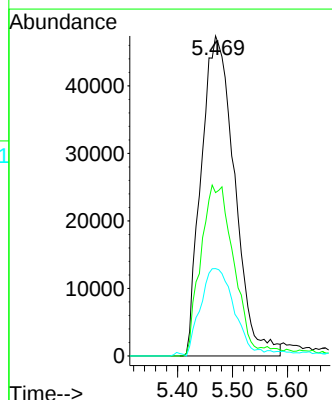
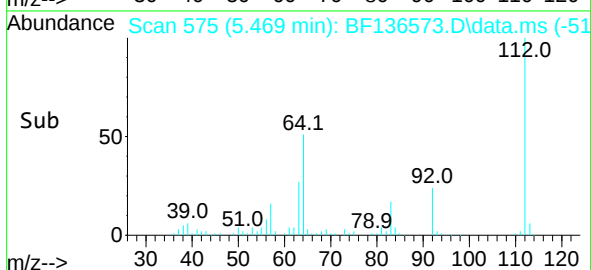
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

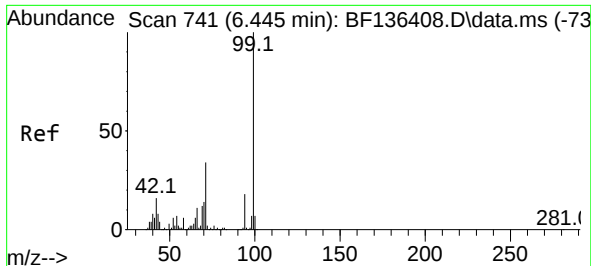


#5
2-Fluorophenol
Concen: 36.691 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.047 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45



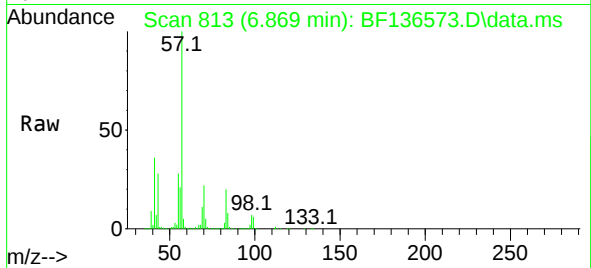
Tgt Ion:112 Resp: 199403
Ion Ratio Lower Upper
112 100
64 51.1 46.5 69.7
63 27.3 23.9 35.9





#7
Phenol-d6
Concen: 13.729 ng m
RT: 6.869 min Scan# 81
Delta R.T. 0.435 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

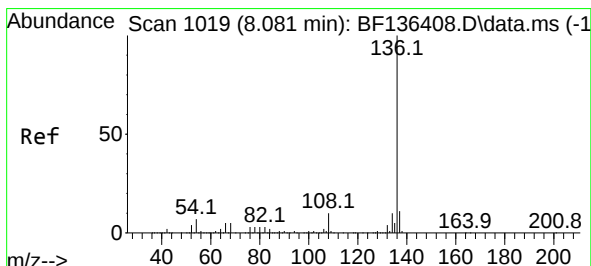
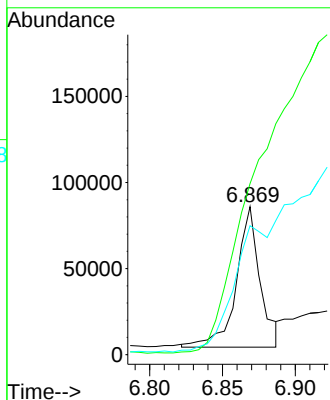
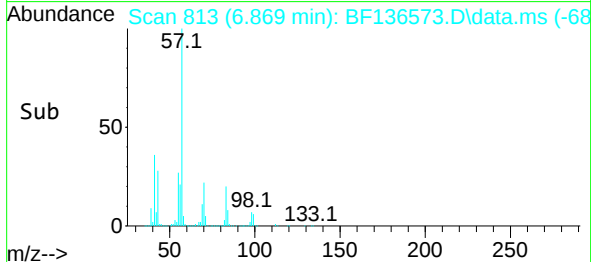
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion: 99 Resp: 9308
Ion Ratio Lower Upper
99 100
42 115.6 12.8 19.2
71 87.1 27.0 40.4

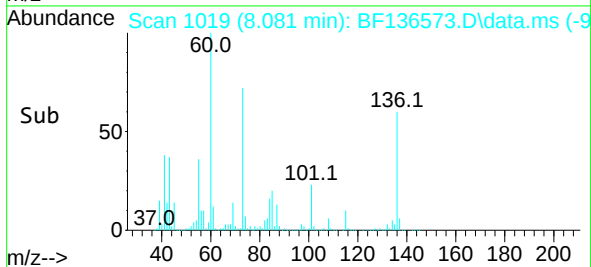
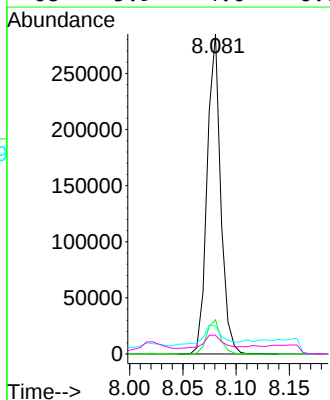
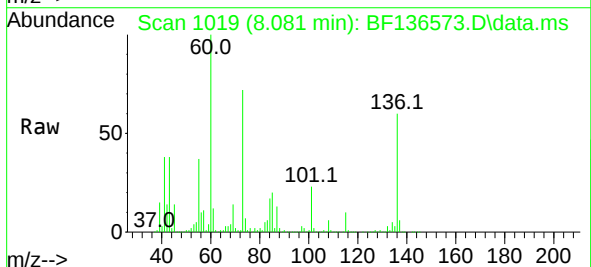
Manual Integrations
APPROVED

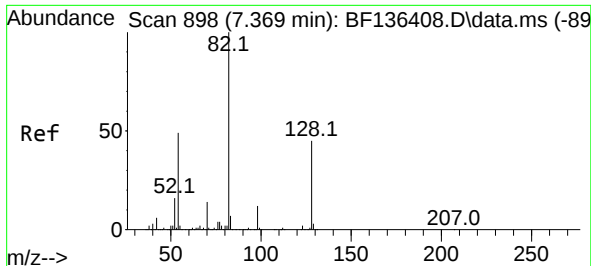
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Tgt Ion:136 Resp: 252070
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.8 5.7 8.5
68 5.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 98.288 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.029 min

Lab File: BF136573.D

Acq: 14 Dec 2023 17:45

Instrument :

BNA_F

ClientSampleId :

EFF-WW

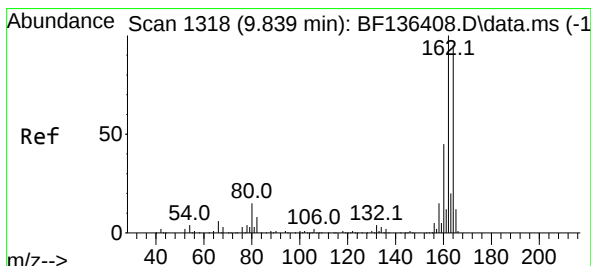
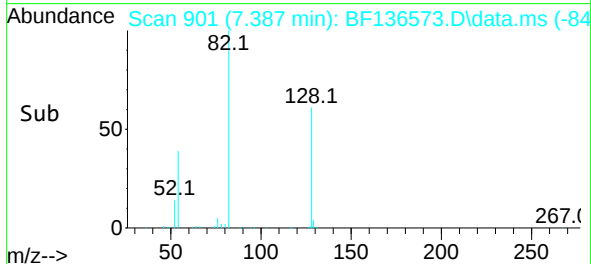
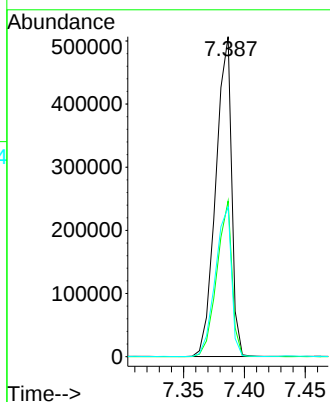
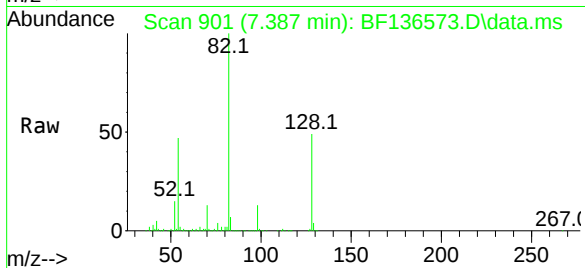
Tgt Ion: 82	Resp: 458294
Ion Ratio	Lower Upper
82 100	
128 48.7	36.3 54.5
54 46.8	39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

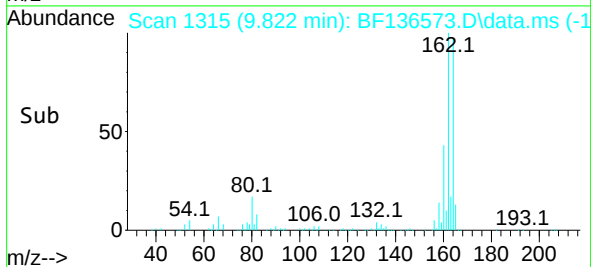
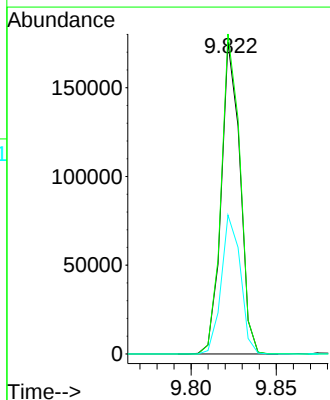
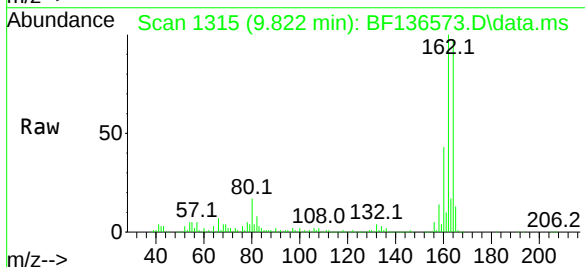
RT: 9.822 min Scan# 1315

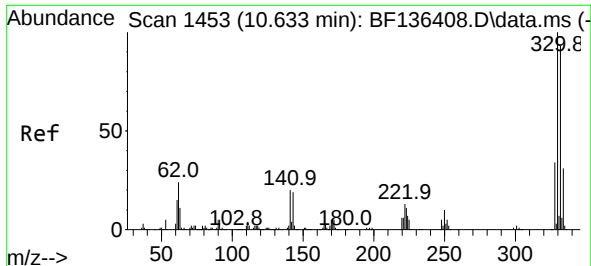
Delta R.T. -0.006 min

Lab File: BF136573.D

Acq: 14 Dec 2023 17:45

Tgt Ion:164	Resp:	134033	
Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.4	126.6
160	44.5	37.6	56.4





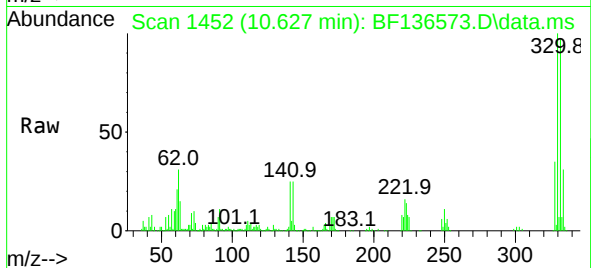
#42
2,4,6-Tribromophenol
Concen: 83.372 ng
RT: 10.627 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Instrument :

BNA_F

ClientSampleId :

EFF-WW



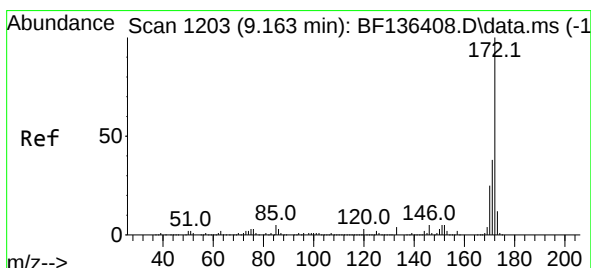
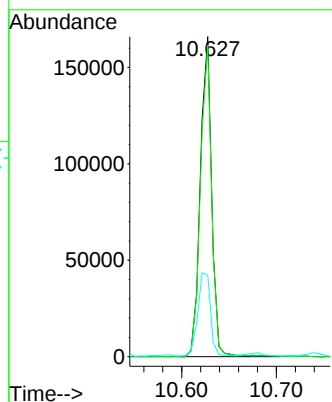
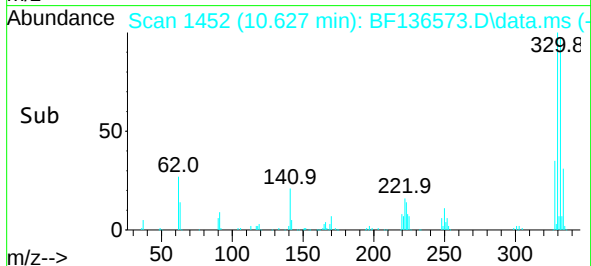
Tgt Ion:330 Resp: 13778
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 28.9 23.4 35.2

Manual Integrations

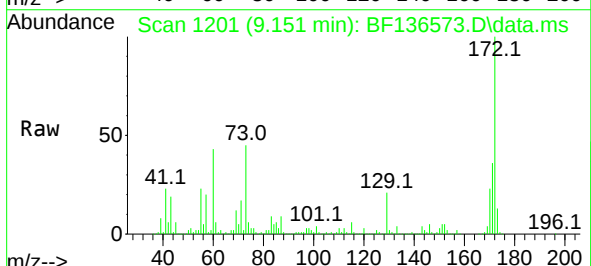
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

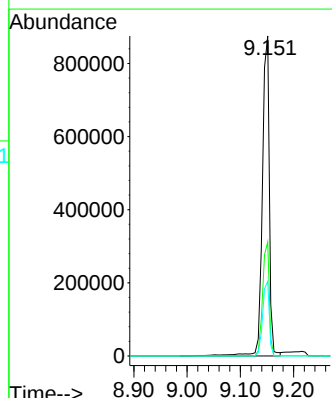
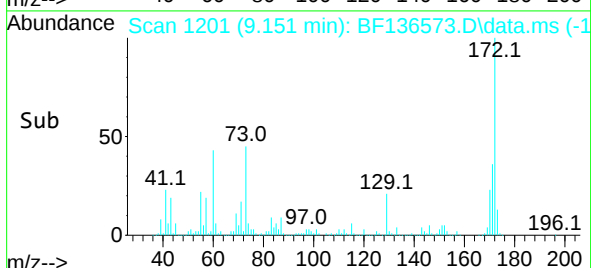
Supervised By :mohammad ahmed 12/15/2023

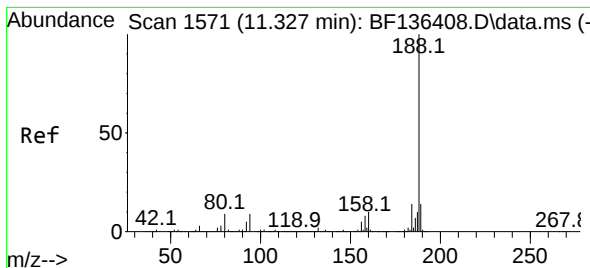


#45
2-Fluorobiphenyl
Concen: 80.785 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45



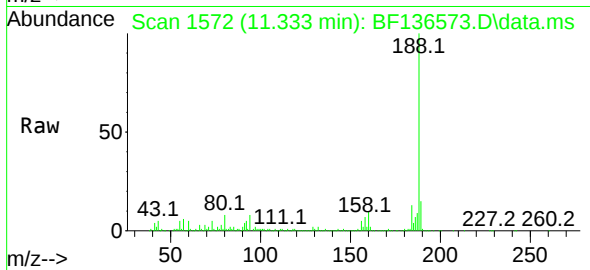
Tgt Ion:172 Resp: 793538
Ion Ratio Lower Upper
172 100
171 35.6 30.5 45.7
170 23.4 19.9 29.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

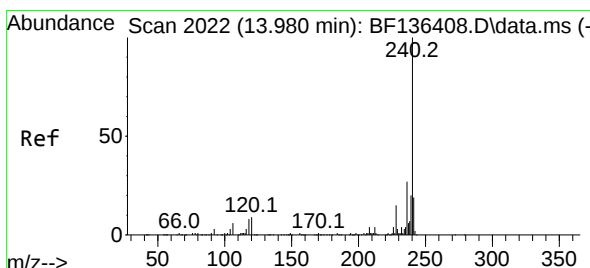
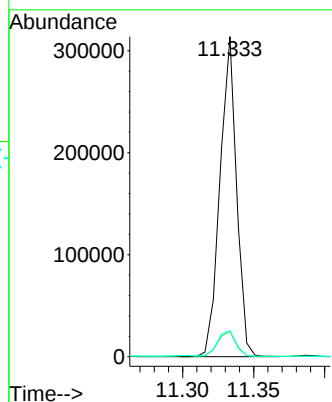
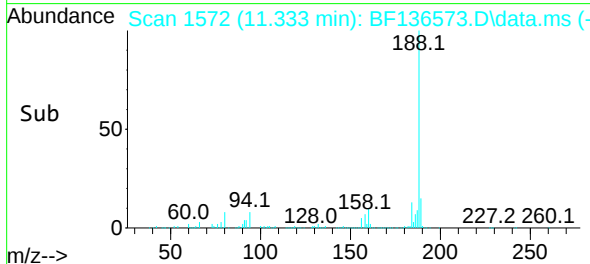
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:188 Resp: 254679
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.1 7.2 10.8

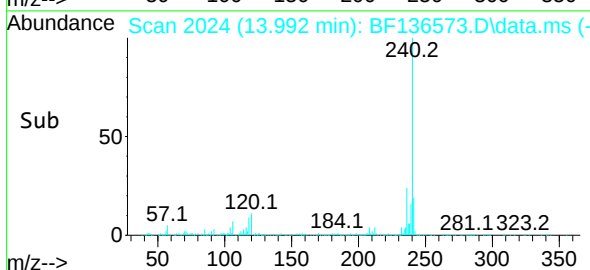
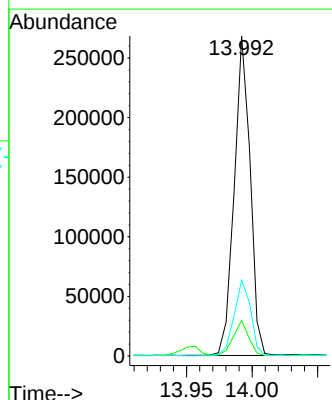
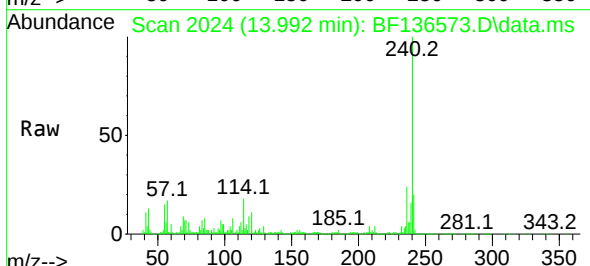
Manual Integrations
APPROVED

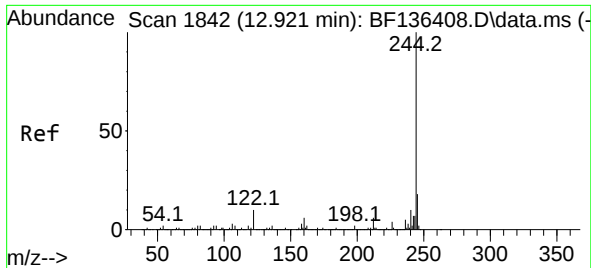
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.024 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

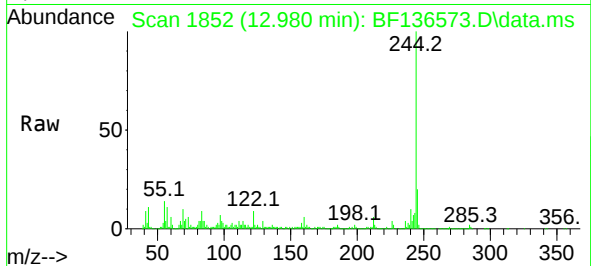
Tgt Ion:240 Resp: 226685
Ion Ratio Lower Upper
240 100
120 11.2 7.3 10.9#
236 23.8 21.3 31.9





#79
Terphenyl-d14
Concen: 32.749 ng
RT: 12.980 min Scan# 1842
Delta R.T. 0.071 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

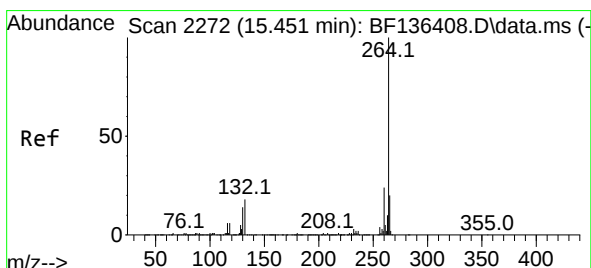
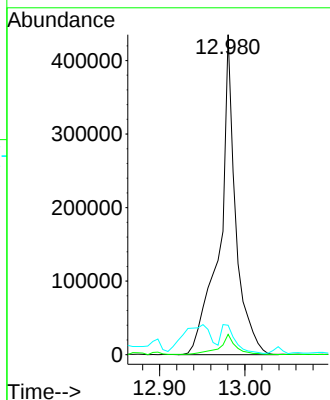
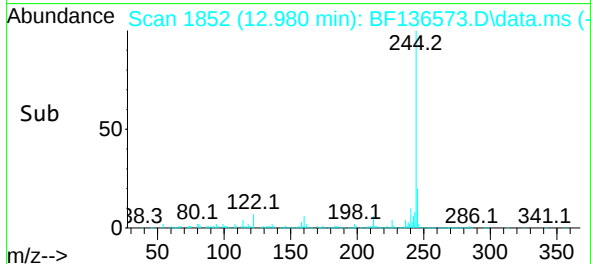
Instrument :
BNA_F
ClientSampleId :
EFF-WW



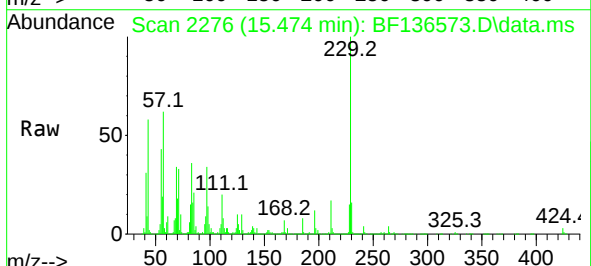
Tgt Ion:244 Resp: 563230
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.2 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.035 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45



Tgt Ion:264 Resp: 70200
Ion Ratio Lower Upper
264 100
260 22.2 19.2 28.8
265 23.8 15.9 23.9

