

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134738.D
 Acq On : 11 Aug 2023 18:10
 Operator : CG\JU
 Sample : 03971-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-05

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 22:23:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	190576	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	738338	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	342381	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	536764	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	372964	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	320539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	584406	46.614	ng	0.00
7) Phenol-d6	6.434	99	964211	60.165	ng	0.00
23) Nitrobenzene-d5	7.357	82	628437	53.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	124163	35.574	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1066151	51.775	ng	-0.01
79) Terphenyl-d14	12.916	244	904375	42.747	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.098	128	185002	4.986	ng	98
78) Pyrene	12.763	202	80398	2.491	ng	99
88) Benzo(b)fluoranthene	15.010	252	40191m	2.056	ng	

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

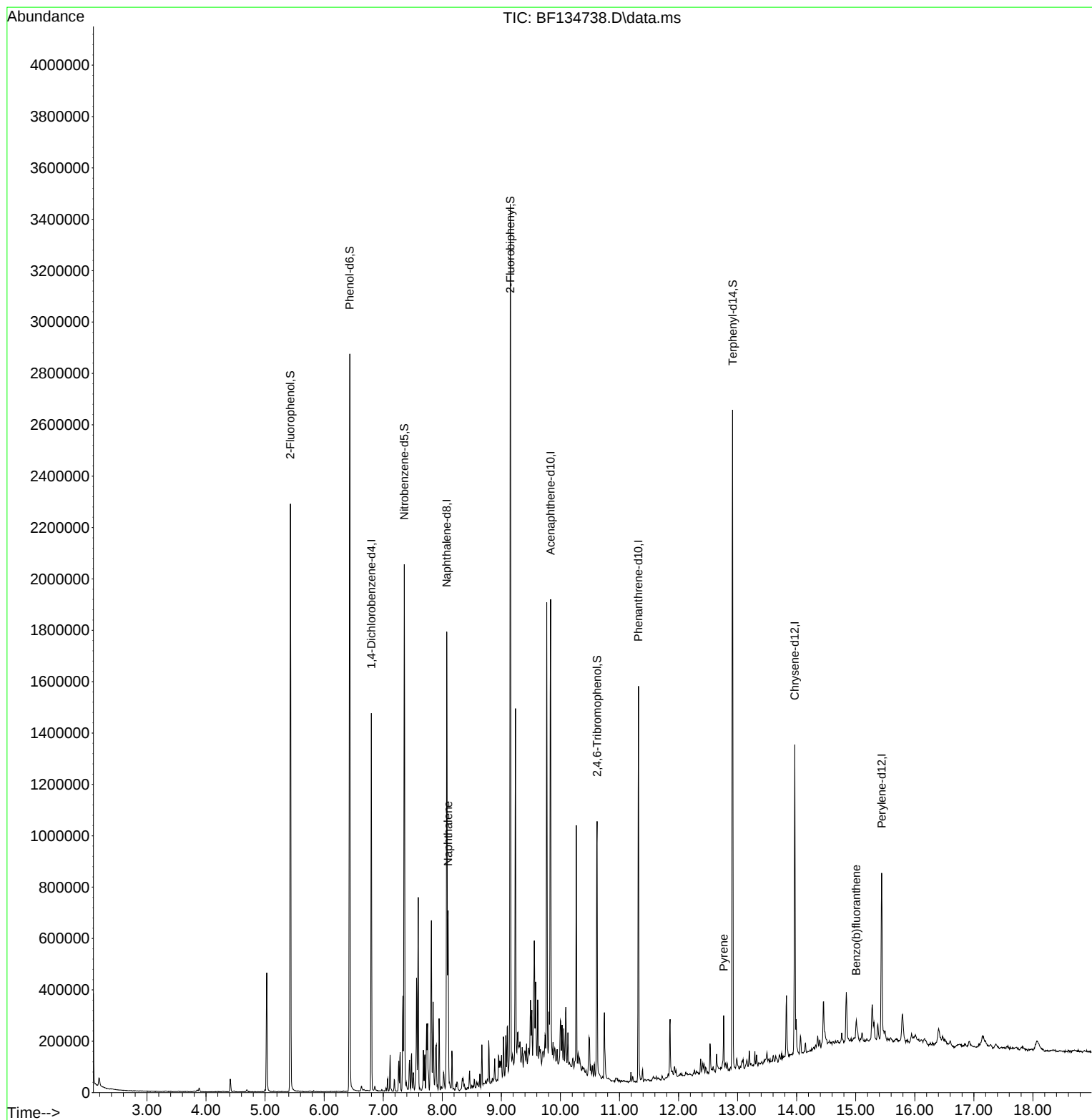
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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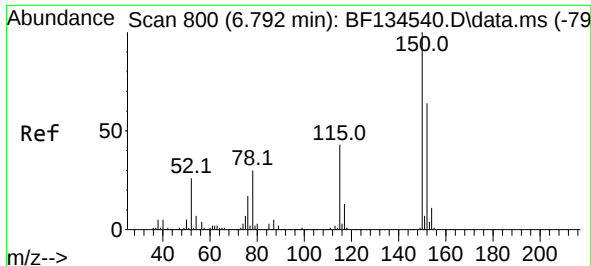
Instrument :
BNA_F
ClientSampleId :
DUP-05

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Manual Integrations
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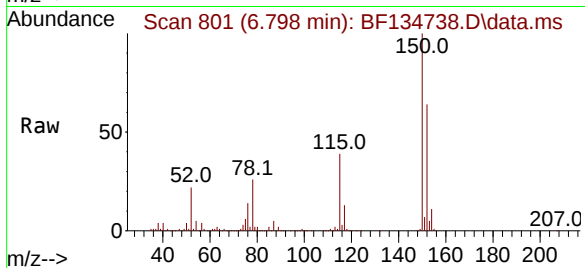
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

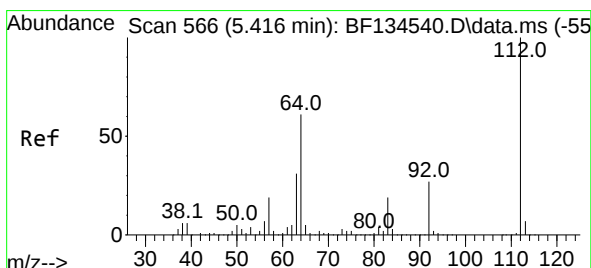
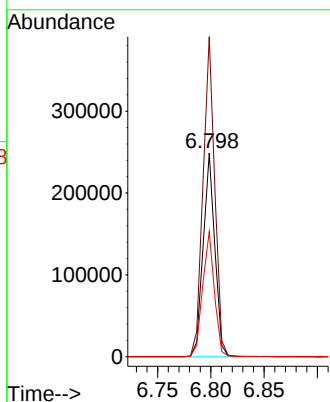
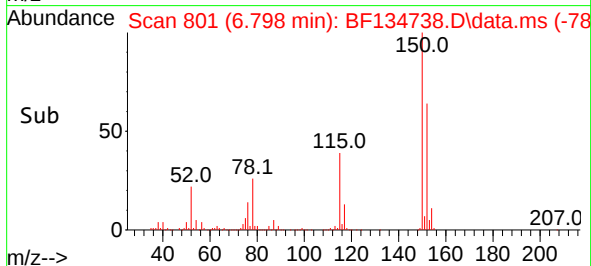
Instrument :
BNA_F
ClientSampleId :
DUP-05



Tgt Ion:152 Resp: 190570
Ion Ratio Lower Upper
152 100
150 157.2 128.3 192.5
115 61.5 52.4 78.6

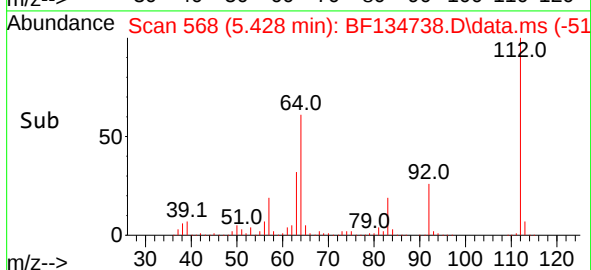
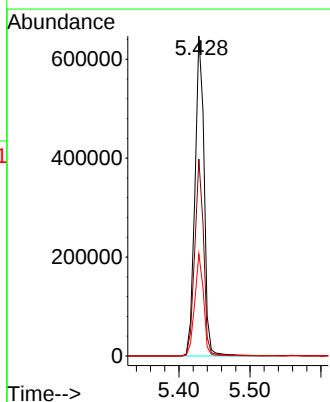
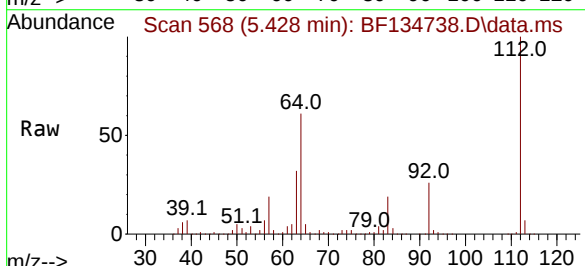
Manual Integrations
APPROVED

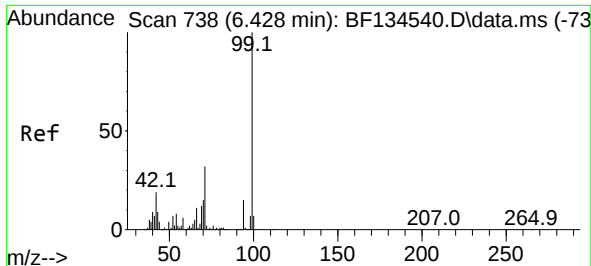
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#5
2-Fluorophenol
Concen: 46.614 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

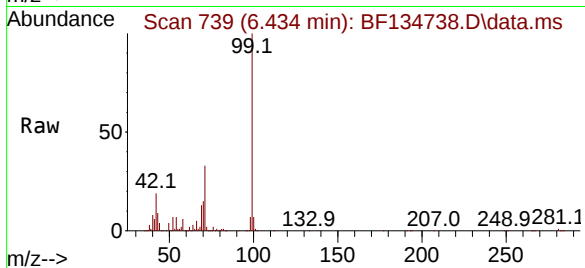
Tgt Ion:112 Resp: 584406
Ion Ratio Lower Upper
112 100
64 61.5 44.9 67.3
63 31.9 25.4 38.0





#7
Phenol-d6
Concen: 60.165 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

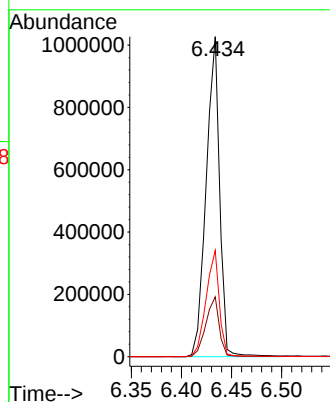
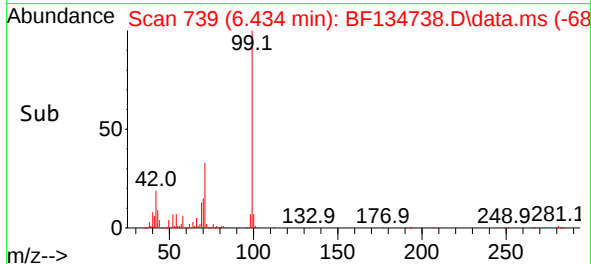
Instrument :
BNA_F
ClientSampleId :
DUP-05



Tgt Ion: 99 Resp: 964211
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 33.2 36.4 54.6#

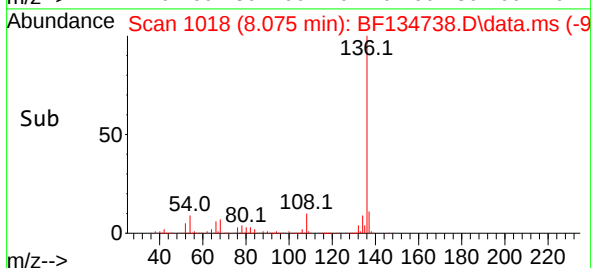
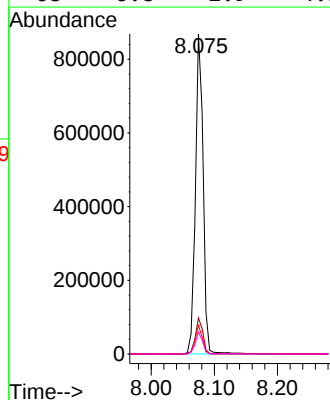
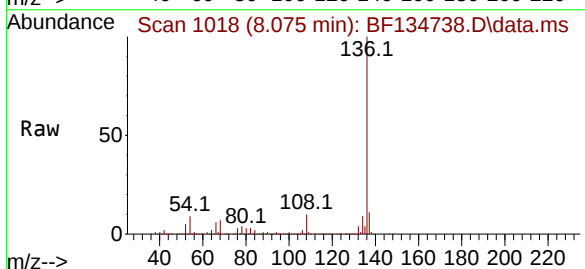
Manual Integrations
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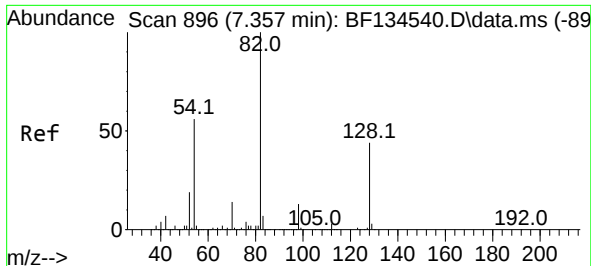
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

Tgt Ion:136 Resp: 738338
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.9 5.2 7.8#
68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 53.191 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134738.D

Acq: 11 Aug 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUP-05

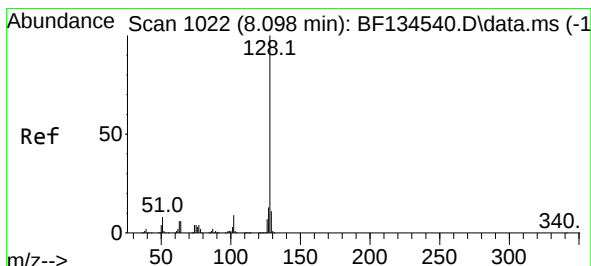
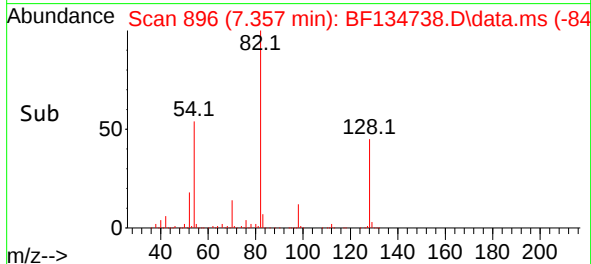
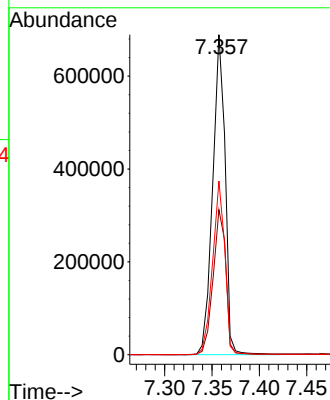
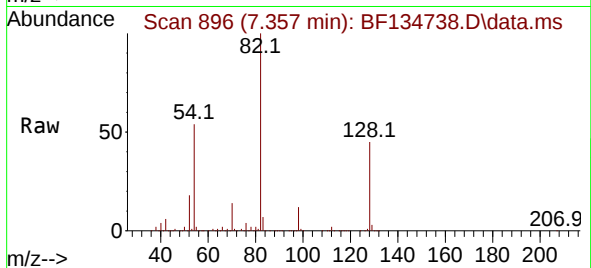
Tgt Ion:	82	Resp:	62843
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.3	51.5
54	54.2	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/12/2023



#31

Naphthalene

Concen: 4.986 ng

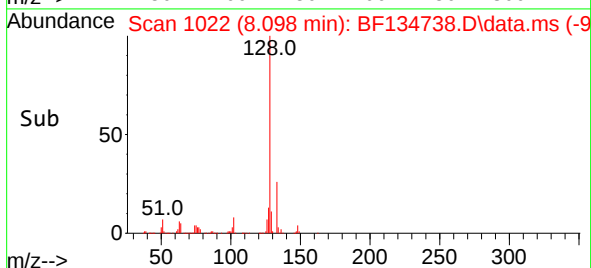
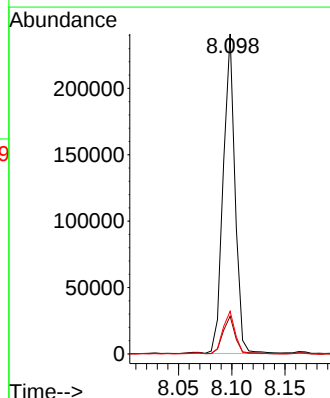
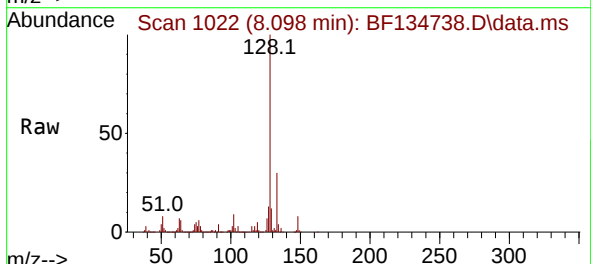
RT: 8.098 min Scan# 1022

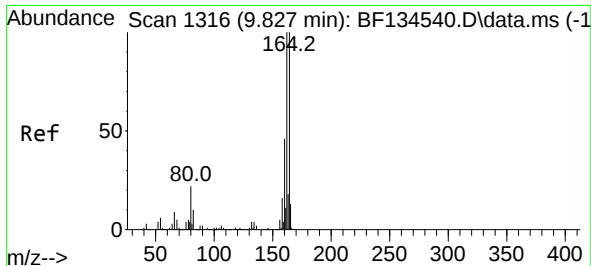
Delta R.T. -0.006 min

Lab File: BF134738.D

Acq: 11 Aug 2023 18:10

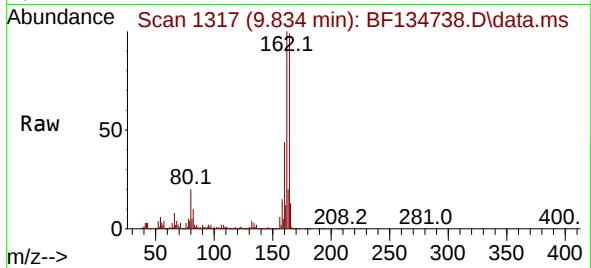
Tgt Ion:	128	Resp:	185002
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.4	12.6
127	13.3	10.7	16.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

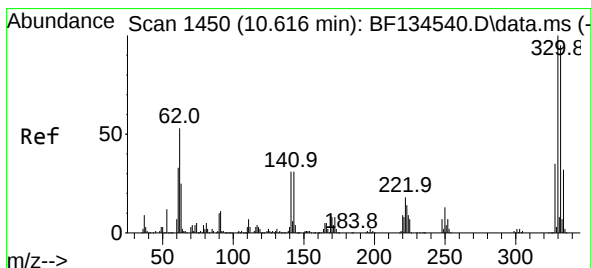
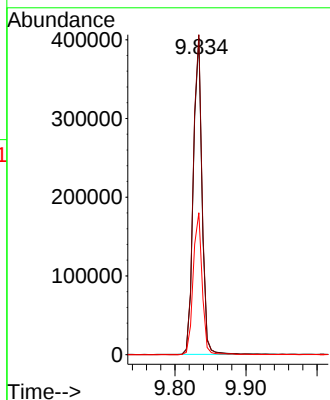
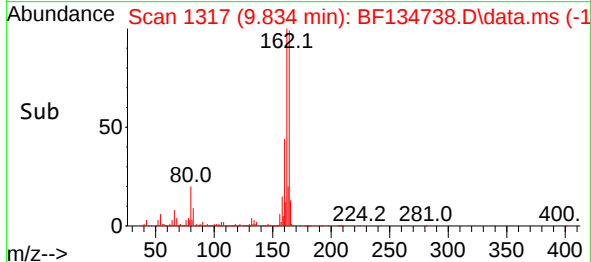
Instrument :
BNA_F
ClientSampleId :
DUP-05



Tgt Ion:164 Resp: 34238
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 44.8 37.2 55.8

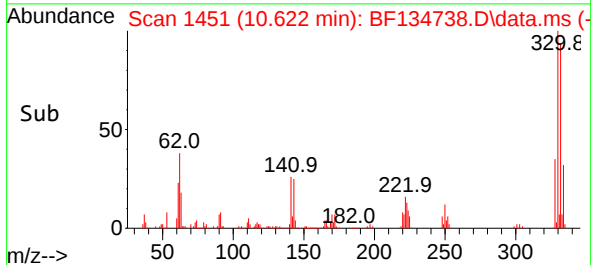
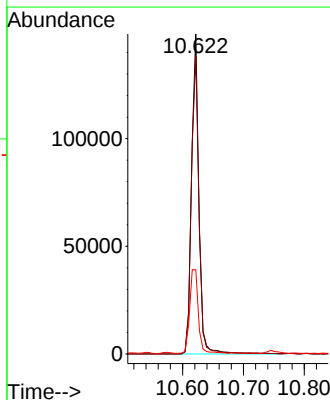
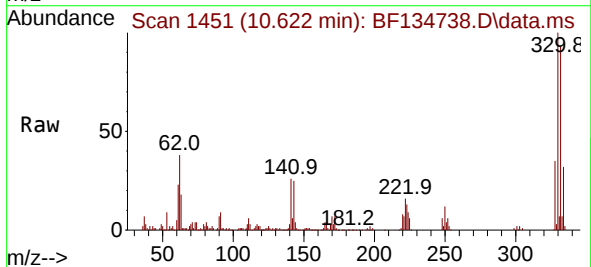
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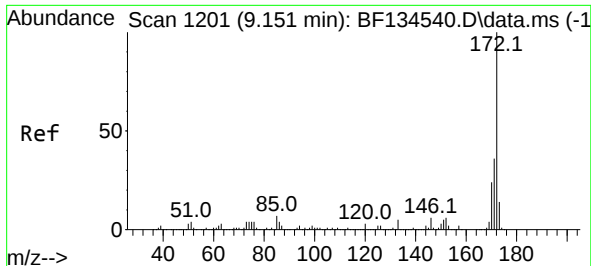
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#42
2,4,6-Tribromophenol
Concen: 35.574 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

Tgt Ion:330 Resp: 124163
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 30.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 51.775 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134738.D

Acq: 11 Aug 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUP-05

Tgt Ion:172 Resp: 106615

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

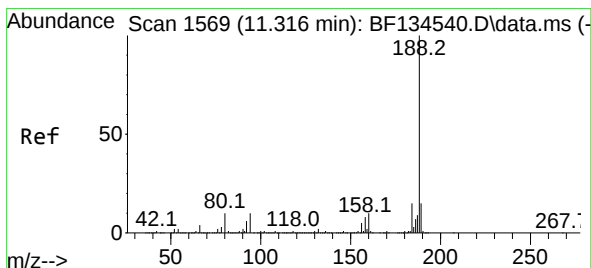
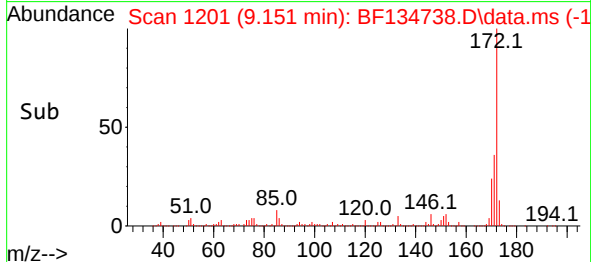
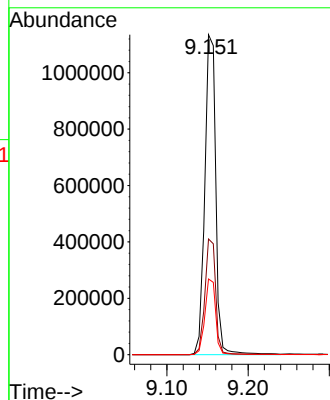
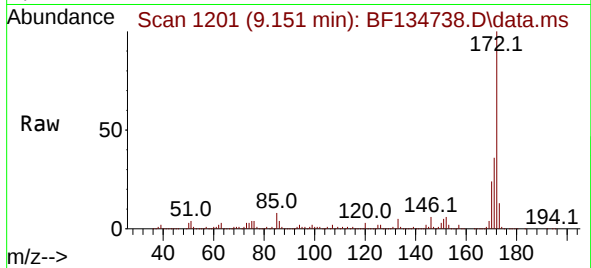
170 23.6 18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF134738.D

Acq: 11 Aug 2023 18:10

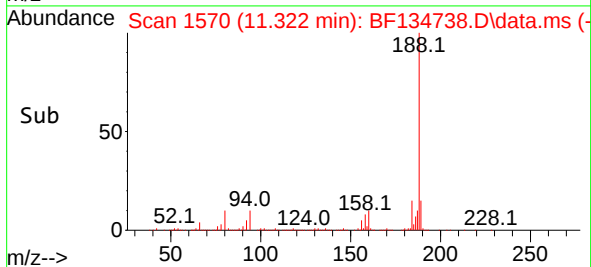
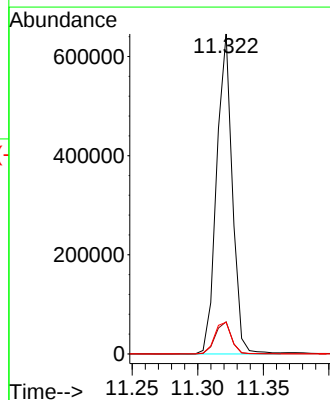
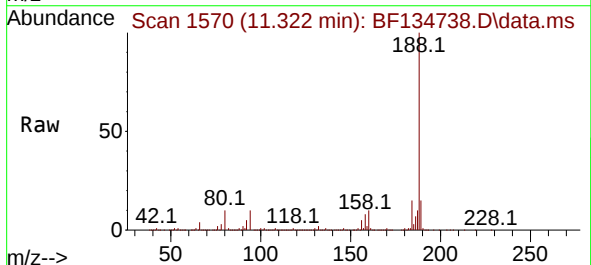
Tgt Ion:188 Resp: 536764

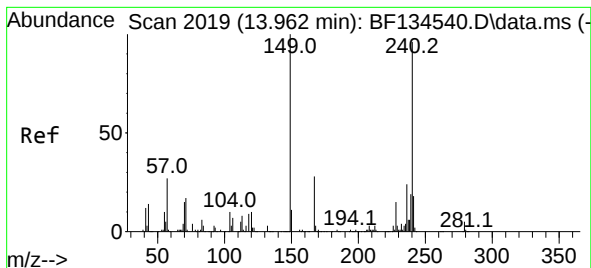
Ion Ratio Lower Upper

188 100

94 10.0 5.1 7.7#

80 9.9 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134738.D

Acq: 11 Aug 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUP-05

Tgt Ion:240 Resp: 372964

Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0

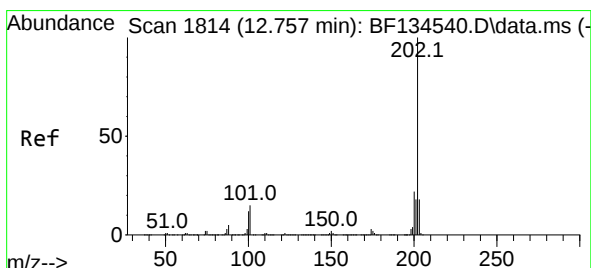
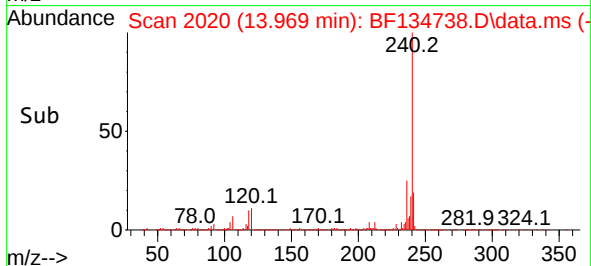
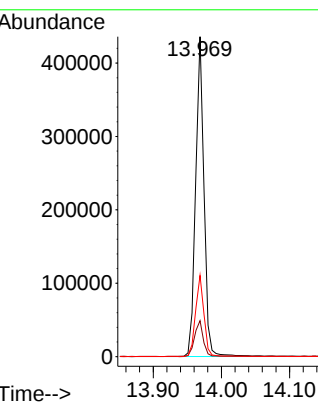
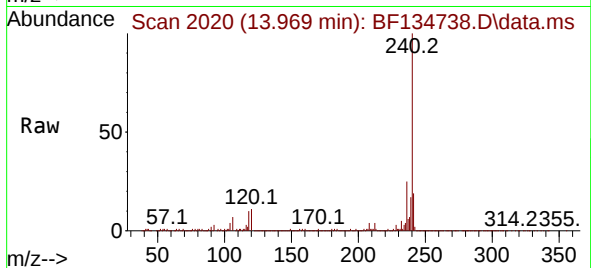
236 25.4 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#78

Pyrene

Concen: 2.491 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134738.D

Acq: 11 Aug 2023 18:10

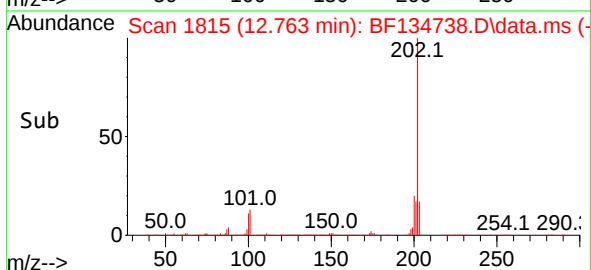
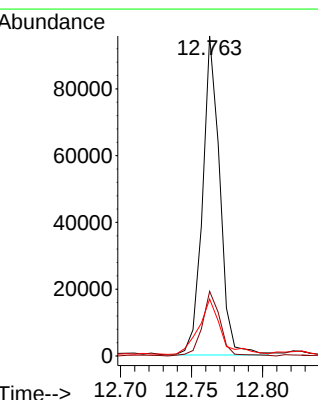
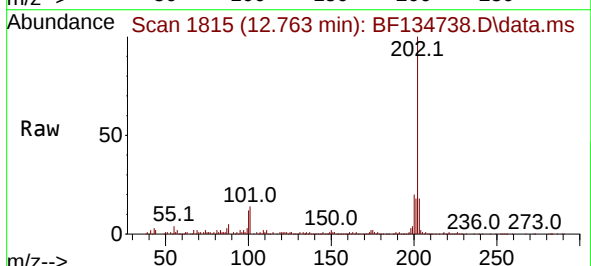
Tgt Ion:202 Resp: 80398

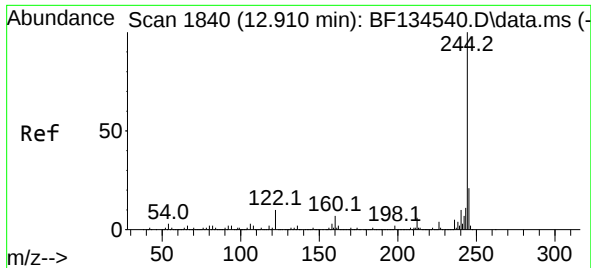
Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.8

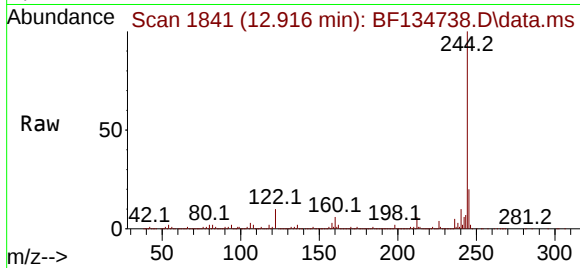
203 17.8 13.5 20.3





#79
Terphenyl-d14
Concen: 42.747 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

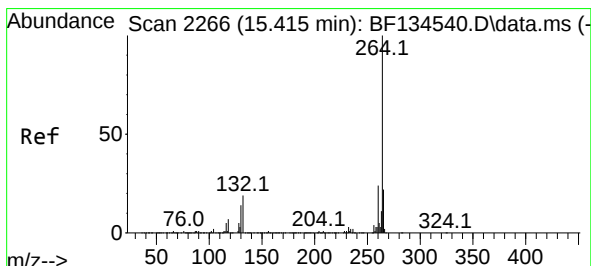
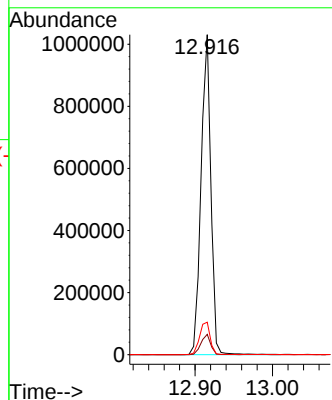
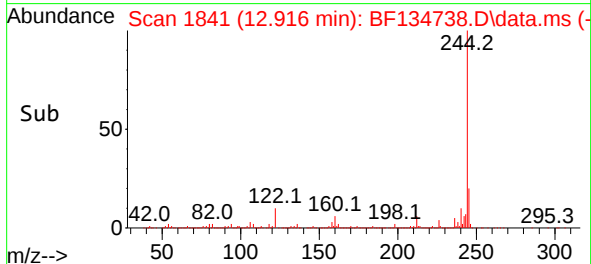
Instrument :
BNA_F
ClientSampleId :
DUP-05



Tgt Ion:244 Resp: 904375
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.1 8.0 12.0

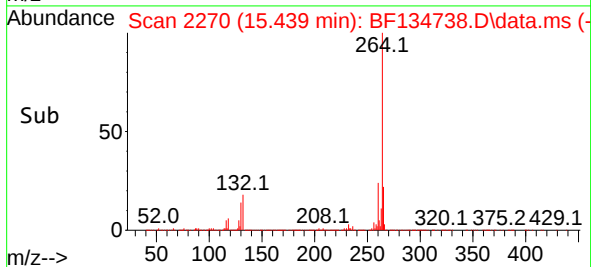
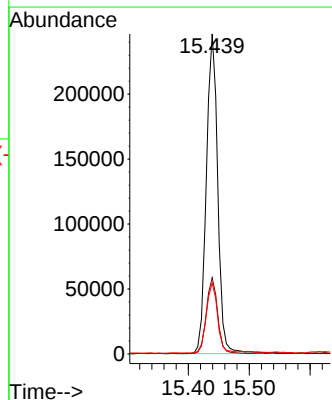
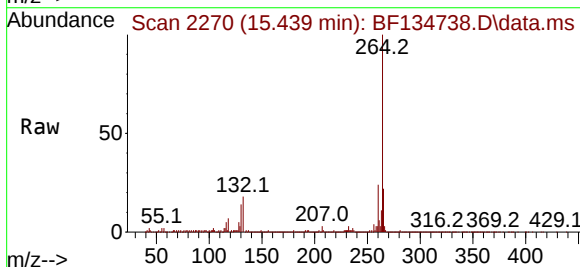
Manual Integrations
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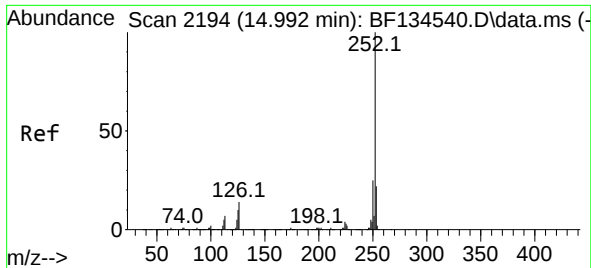
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

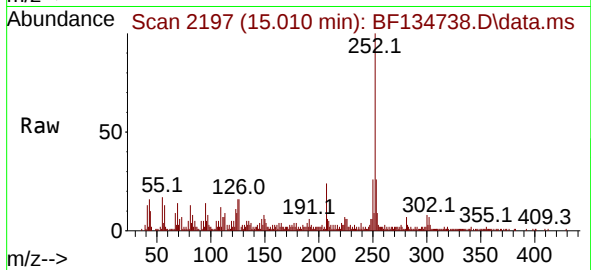
Tgt Ion:264 Resp: 320539
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.2 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 2.056 ng m
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134738.D
Acq: 11 Aug 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUP-05



Tgt Ion:252 Resp: 4019
Ion Ratio Lower Upper
252 100
253 26.3 17.3 25.9
125 15.8 6.0 9.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

