

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134654.D
 Acq On : 07 Aug 2023 15:10
 Operator : CG\JU
 Sample : 03887-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP4

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 01:21:49 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	214069	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	811108	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	382516	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	606050	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	446369	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	457710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1019088	72.365	ng	0.00
7) Phenol-d6	6.434	99	1263976	70.214	ng	0.00
23) Nitrobenzene-d5	7.357	82	731993	56.397	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	270524	69.376	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1246361	54.176	ng	-0.01
79) Terphenyl-d14	12.915	244	1113162	43.963	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.533	202	111143	3.269	ng	95
78) Pyrene	12.762	202	112616	2.916	ng	99
88) Benzo(b)fluoranthene	15.004	252	62191m	2.228	ng	

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

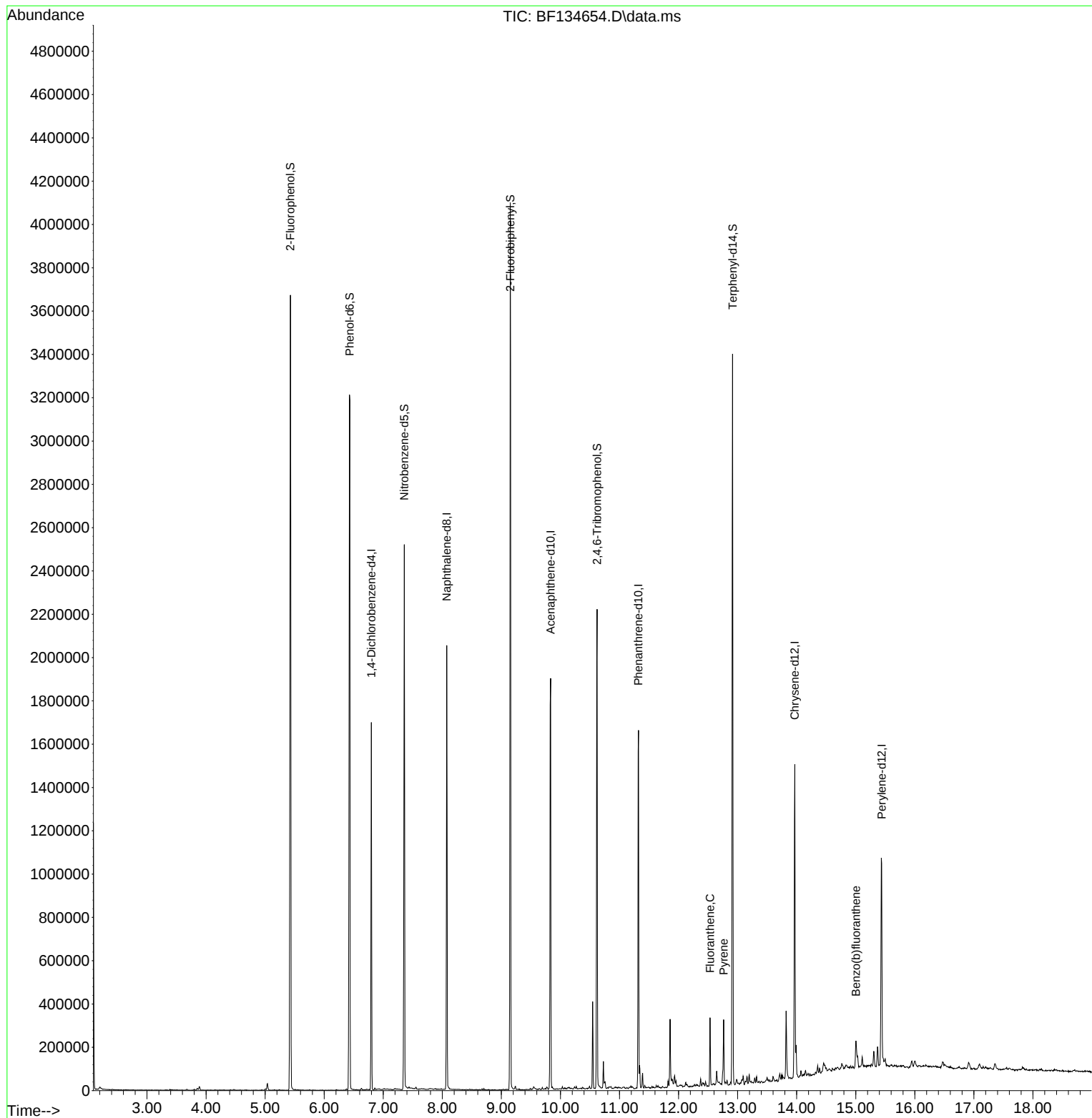
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134654.D
Acq On : 07 Aug 2023 15:10
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ALS Vial : 14 Sample Multiplier: 1

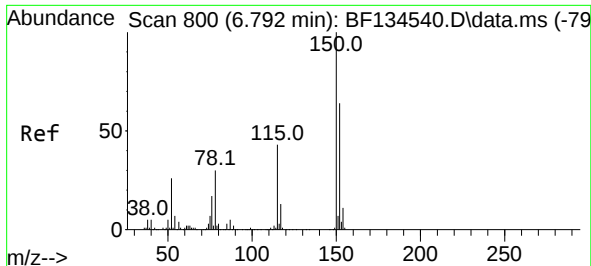
Instrument :
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Quant Time: Aug 08 01:21:49 2023
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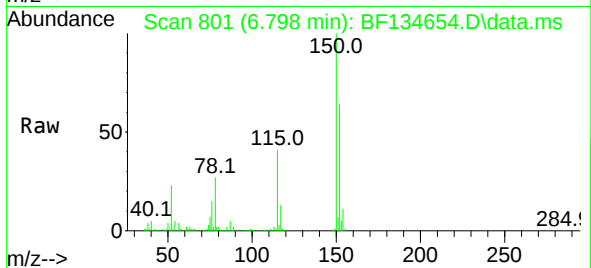
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4

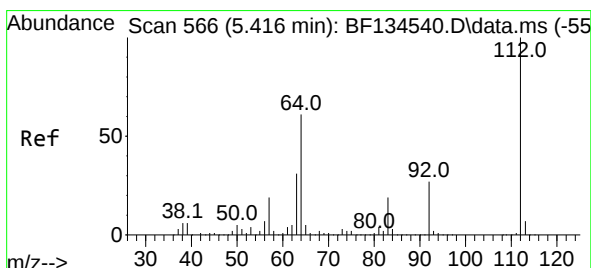
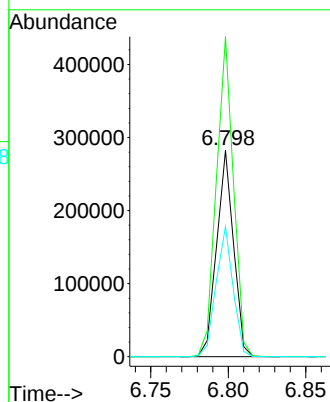
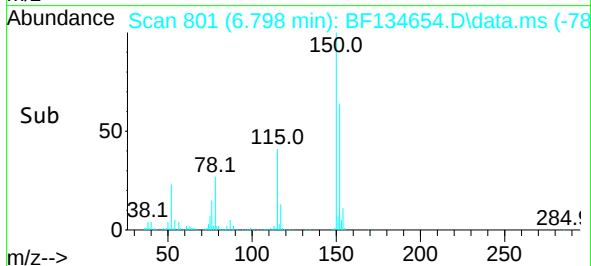


Tgt Ion:152 Resp: 214069
Ion Ratio Lower Upper
152 100
150 155.1 128.3 192.5
115 63.0 52.4 78.6

Manual Integrations

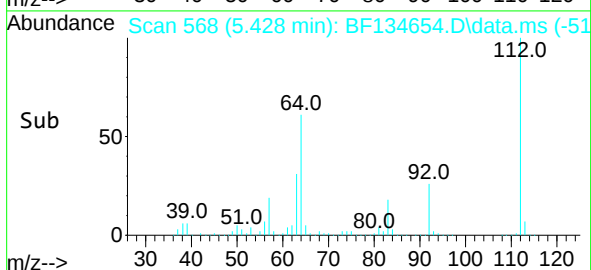
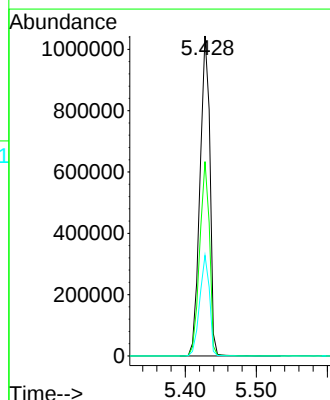
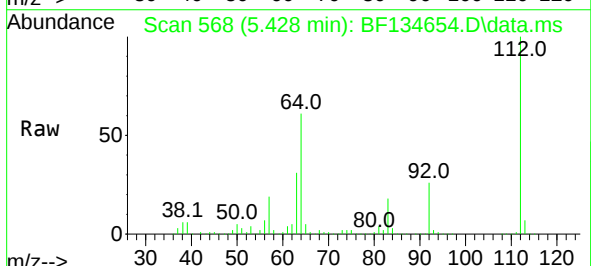
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Reviewed By :Yogesh Patel 08/08/2023
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#5
2-Fluorophenol
Concen: 72.365 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

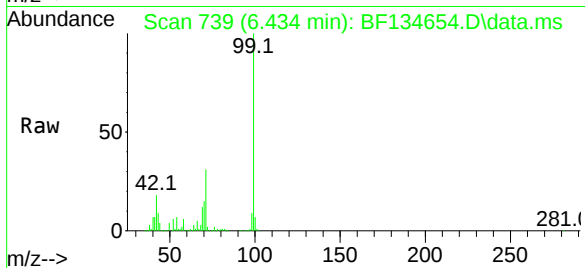
Tgt Ion:112 Resp: 1019088
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.5 25.4 38.0





#7
Phenol-d6
Concen: 70.214 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

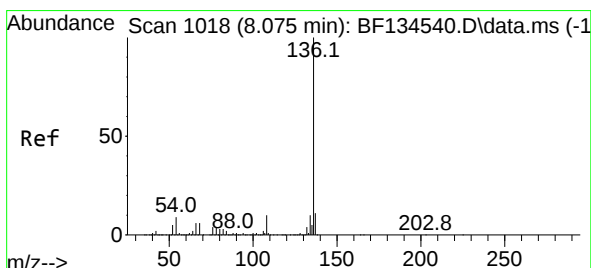
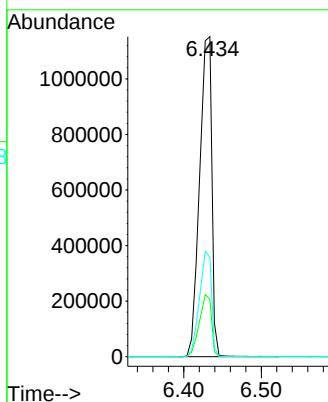
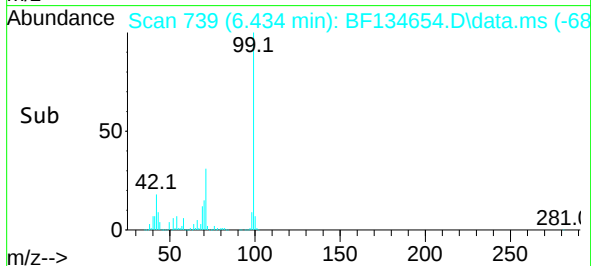
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP4



Tgt Ion: 99 Resp: 1263970
Ion Ratio Lower Upper
99 100
42 17.9 18.7 28.1#
71 31.1 36.4 54.6#

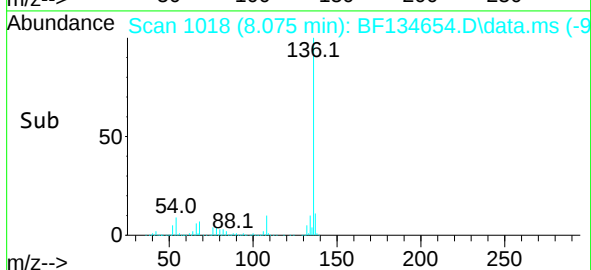
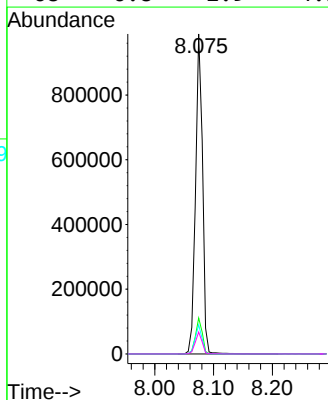
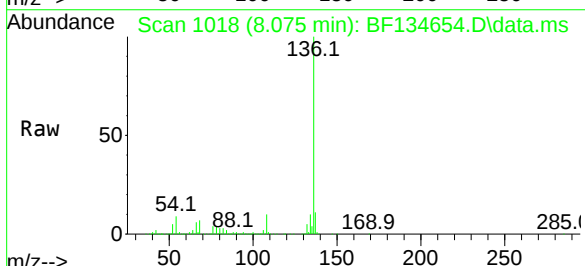
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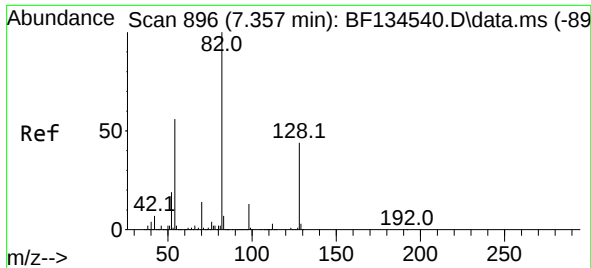
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Tgt Ion:136 Resp: 811108
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.1 5.2 7.8#
68 6.8 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 56.397 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Instrument :

BNA_F

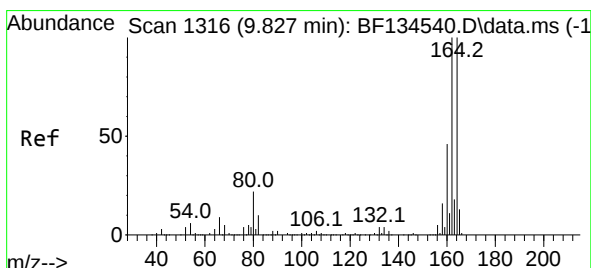
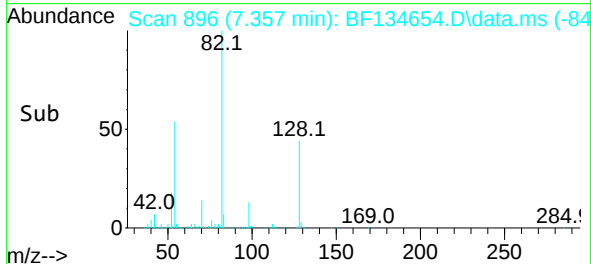
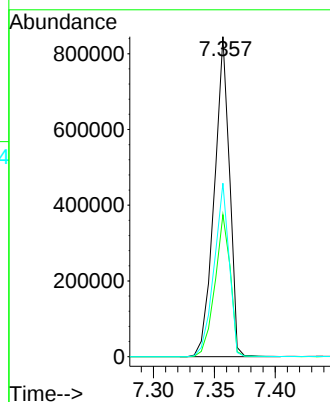
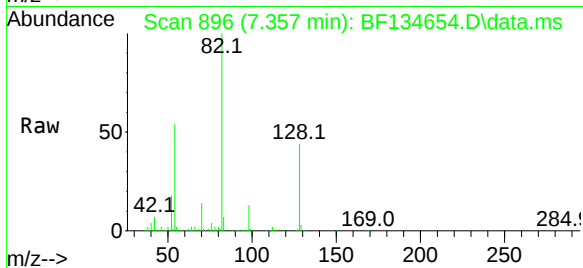
ClientSampleId :

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Tgt Ion: 82 Resp: 73199
Ion Ratio Lower Upper
82 100
128 44.4 34.3 51.5
54 54.2 43.8 65.6

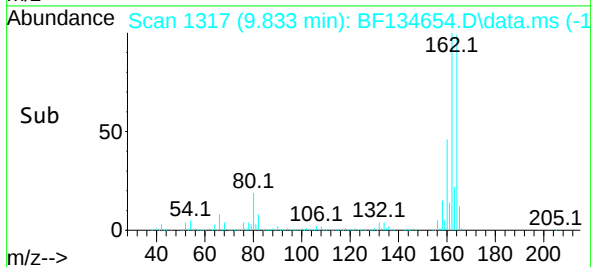
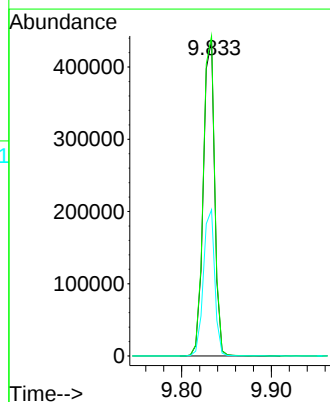
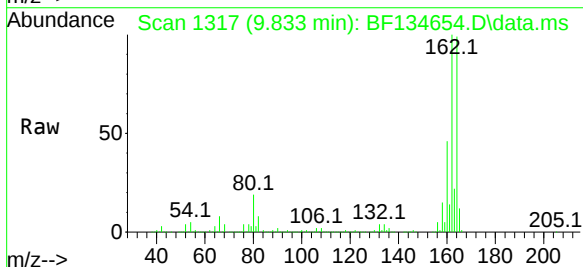
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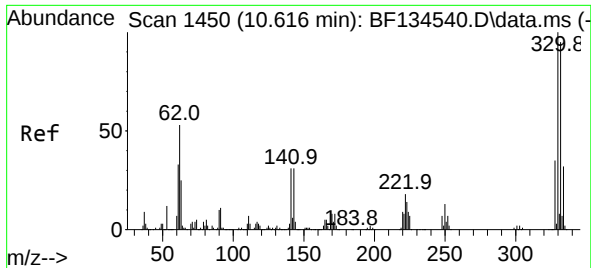
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Tgt Ion:164 Resp: 382516
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 46.3 37.2 55.8





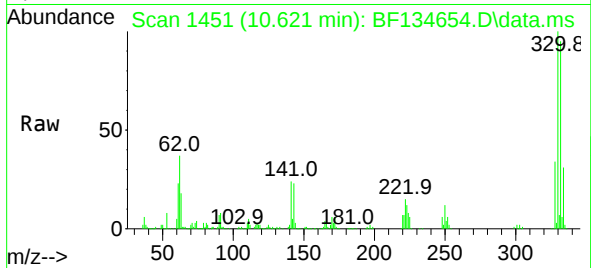
#42
2,4,6-Tribromophenol
Concen: 69.376 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4



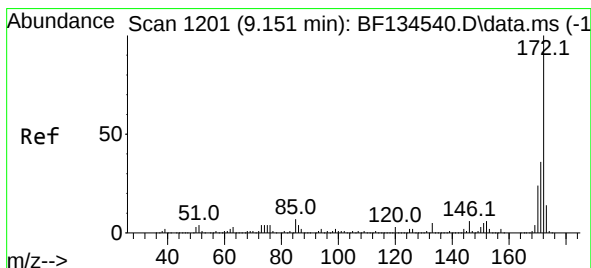
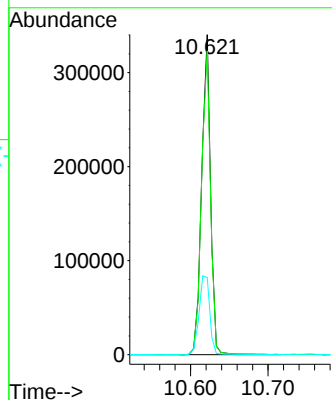
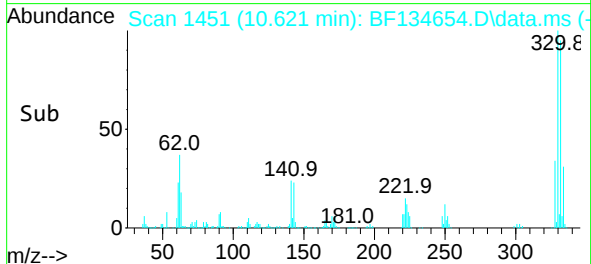
Tgt Ion:330 Resp: 270524
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 29.8 25.4 38.2

Manual Integrations

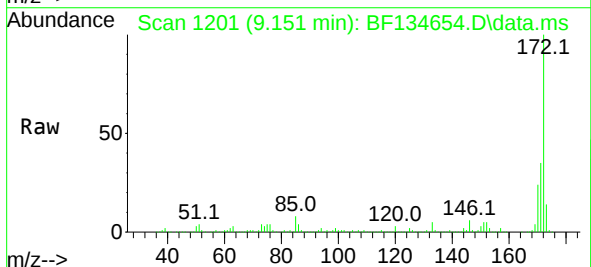
APPROVED

Reviewed By :Yogesh Patel 08/08/2023

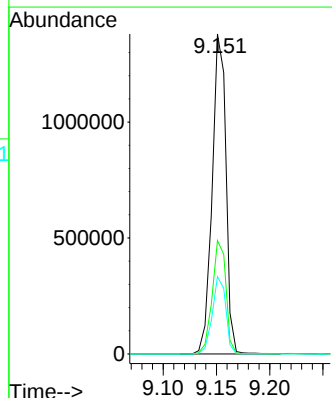
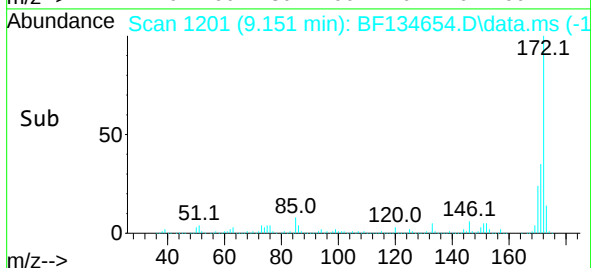
Supervised By :mohammad ahmed 08/08/2023



#45
2-Fluorobiphenyl
Concen: 54.176 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10



Tgt Ion:172 Resp: 1246361
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.2 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Instrument :

BNA_F

ClientSampleId :

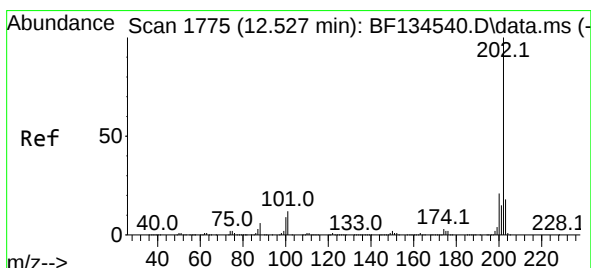
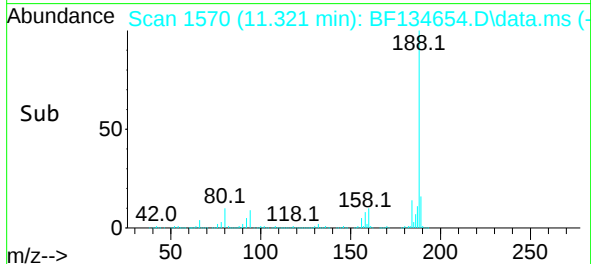
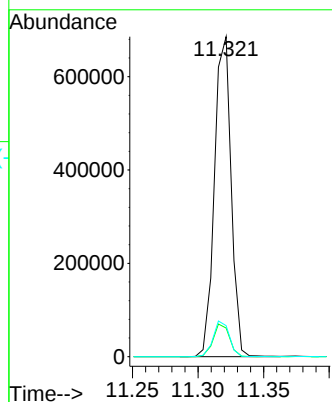
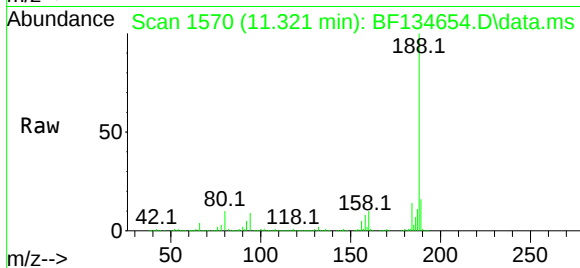
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Tgt Ion:188 Resp: 606050
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7
80 9.7 6.6 9.8

Manual Integrations

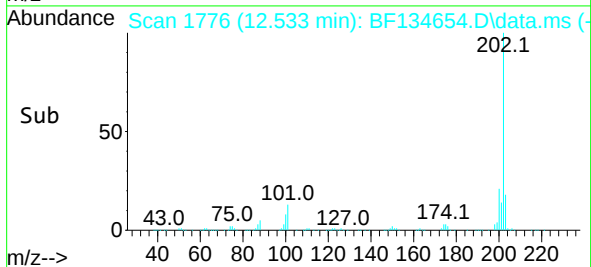
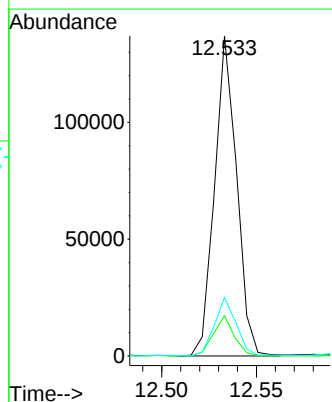
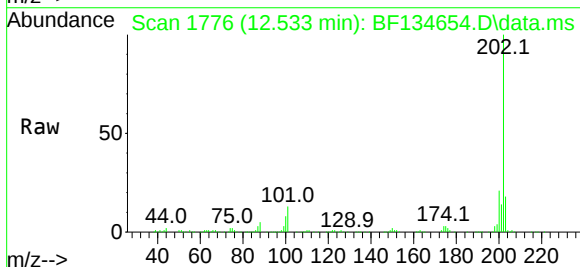
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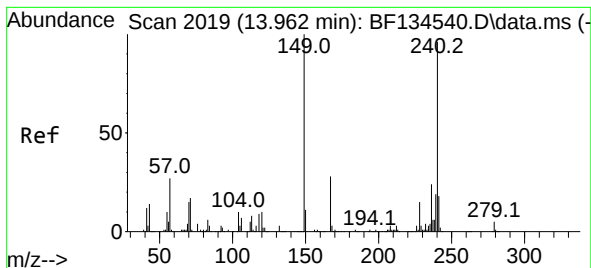
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023



#75
Fluoranthene
Concen: 3.269 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Tgt Ion:202 Resp: 111143
Ion Ratio Lower Upper
202 100
101 12.6 0.0 28.5
203 18.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134654.D

Acq: 07 Aug 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4

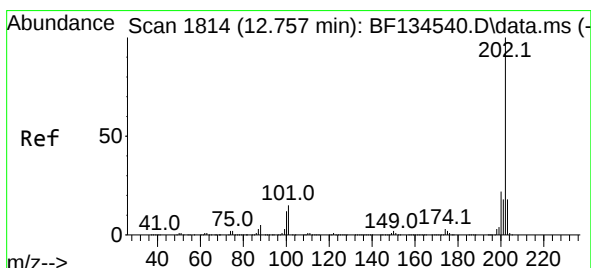
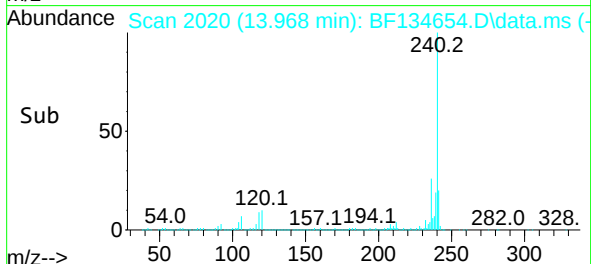
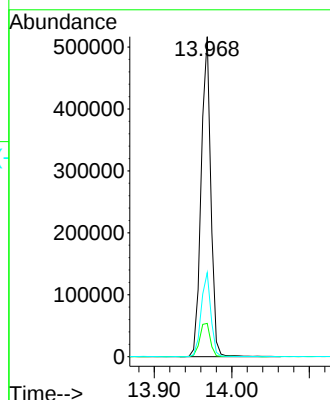
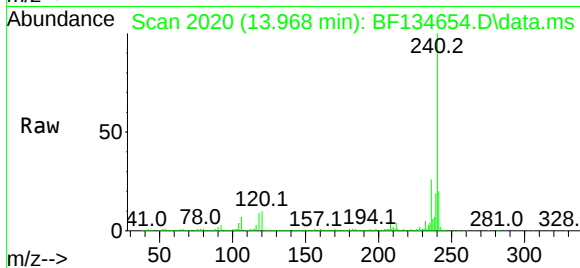
Tgt Ion:240 Resp: 446369
 Ion Ratio Lower Upper
 240 100
 120 10.4 6.6 10.0
 236 26.2 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#78

Pyrene

Concen: 2.916 ng

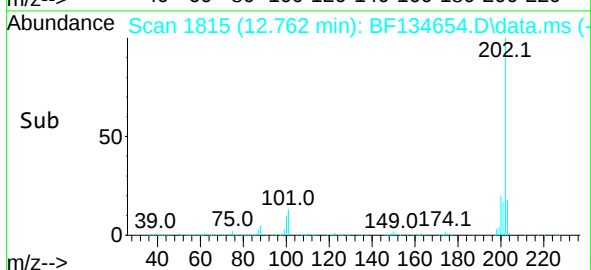
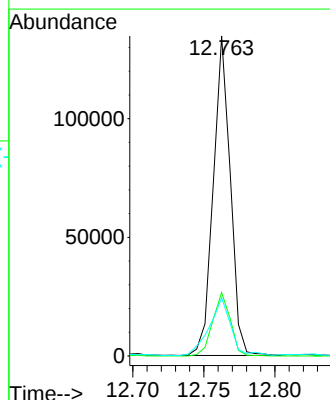
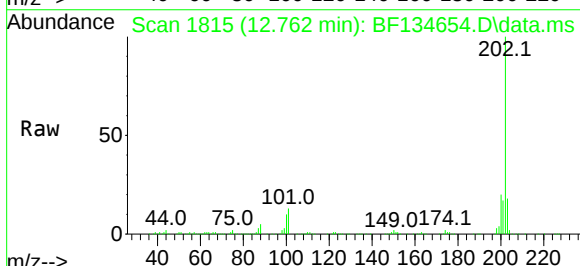
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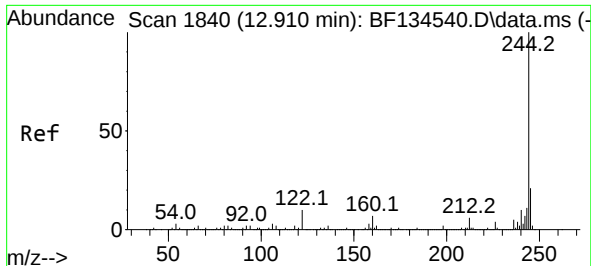
Delta R.T. -0.006 min

Lab File: BF134654.D

Acq: 07 Aug 2023 15:10

Tgt Ion:202 Resp: 112616
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.8 23.8
 203 18.2 13.5 20.3





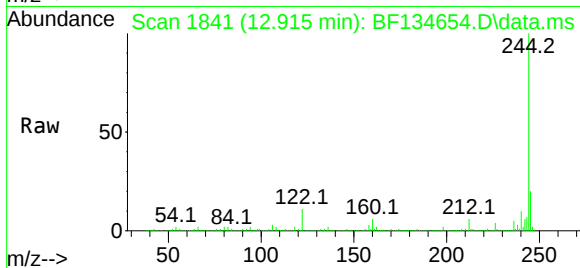
#79
 Terphenyl-d14
 Concen: 43.963 ng
 RT: 12.915 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134654.D
 Acq: 07 Aug 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4



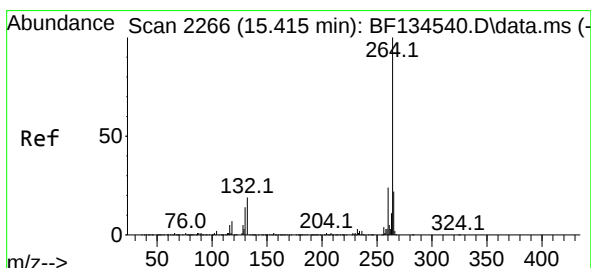
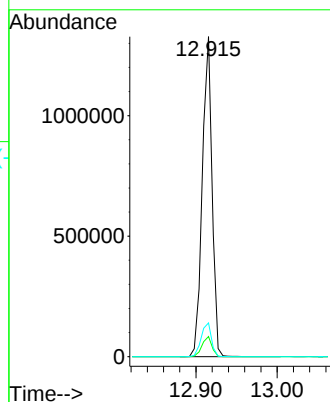
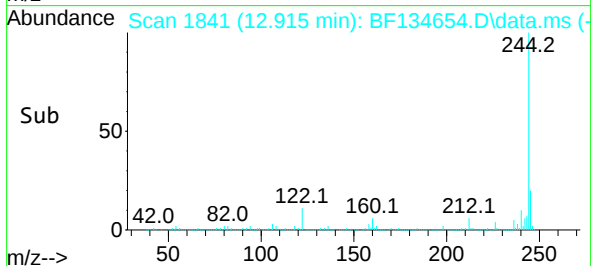
Tgt Ion:244 Resp: 111316
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.6 8.0 12.0

Manual Integrations

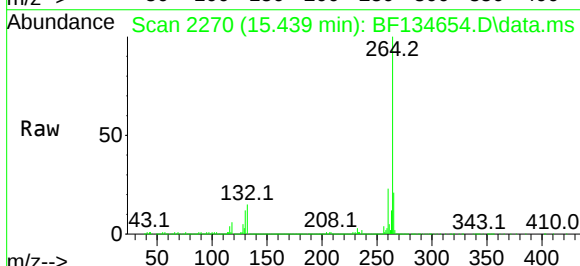
APPROVED

Reviewed By :Yogesh Patel 08/08/2023

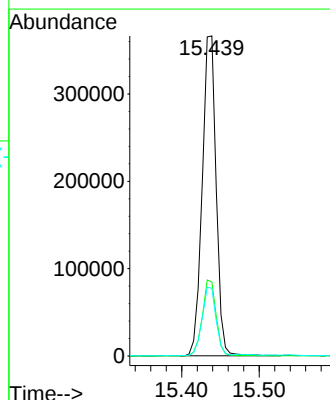
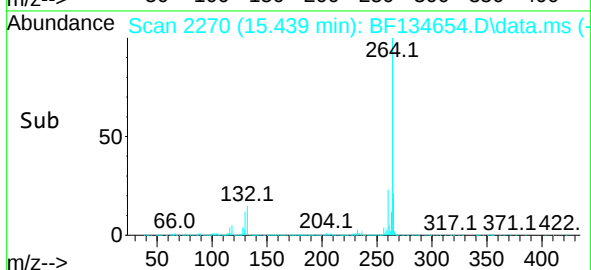
Supervised By :mohammad ahmed 08/08/2023

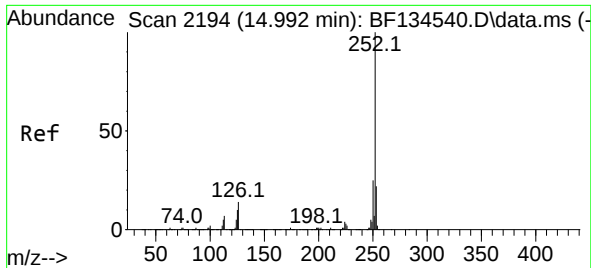


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF134654.D
 Acq: 07 Aug 2023 15:10



Tgt Ion:264 Resp: 457710
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.2 15.8 23.8





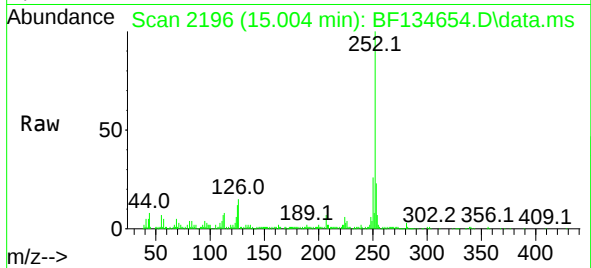
#88
Benzo(b)fluoranthene
Concen: 2.228 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF134654.D
Acq: 07 Aug 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4



Tgt Ion:252 Resp: 6219
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 11.5 6.0 9.0

Manual Integrations

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Supervised By :mohammad ahmed 08/08/2023

