

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134637.D
 Acq On : 04 Aug 2023 17:31
 Operator : CG\JU
 Sample : 03887-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 05 00:08:05 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	175375	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	632561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	250539	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	405256	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	400472	20.000	ng	0.00
86) Perylene-d12	15.433	264	289345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	810470	70.249	ng	0.00
7) Phenol-d6	6.428	99	999840	67.795	ng	-0.01
23) Nitrobenzene-d5	7.357	82	566532	55.969	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	177073	69.331	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	939978	62.381	ng	-0.01
79) Terphenyl-d14	12.916	244	976024	42.964	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.533	202	94001	4.134	ng	96
78) Pyrene	12.763	202	98758	2.850	ng	100
88) Benzo(b)fluoranthene	15.004	252	46523m	2.636	ng	

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

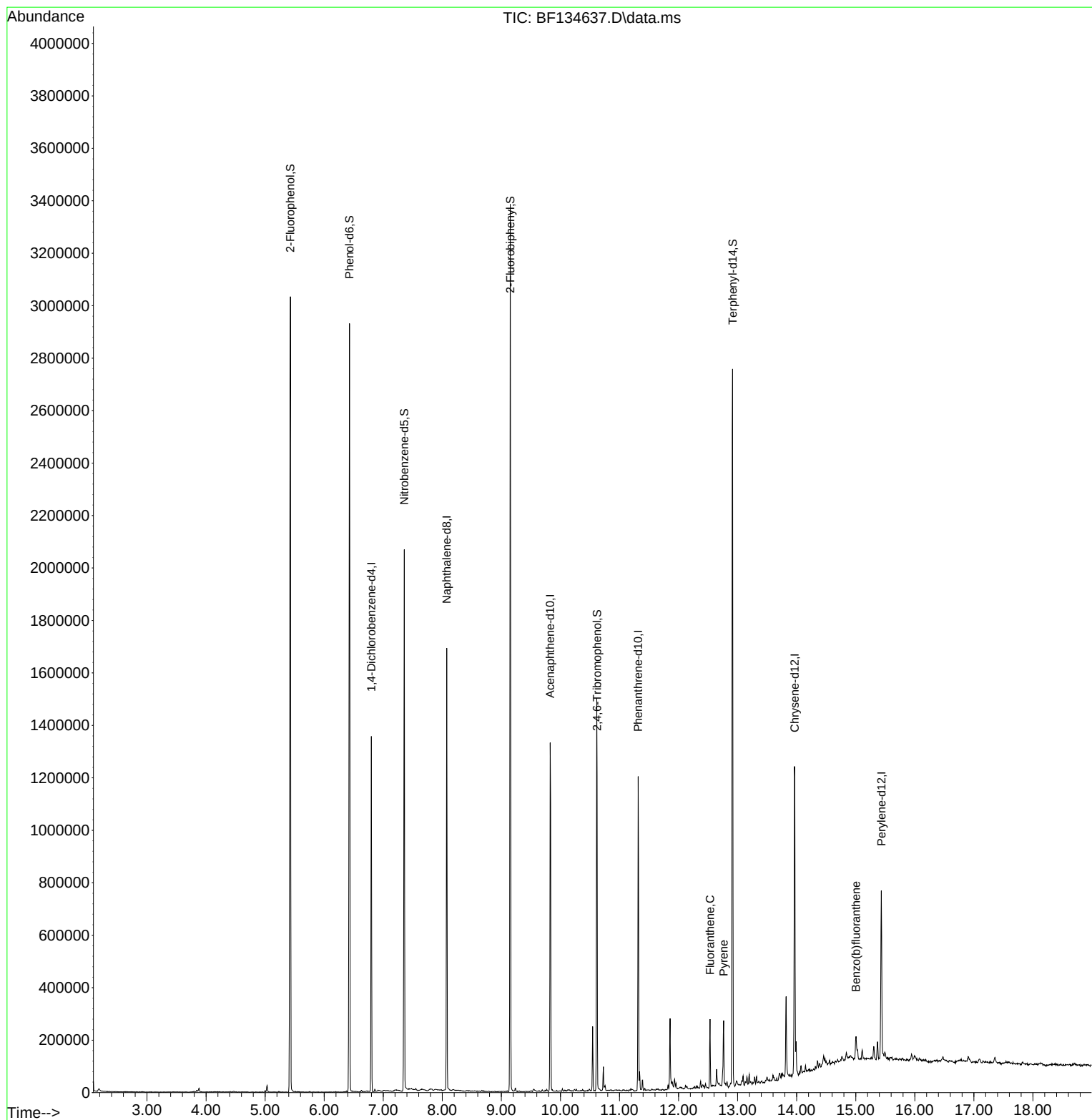
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134637.D
Acq On : 04 Aug 2023 17:31
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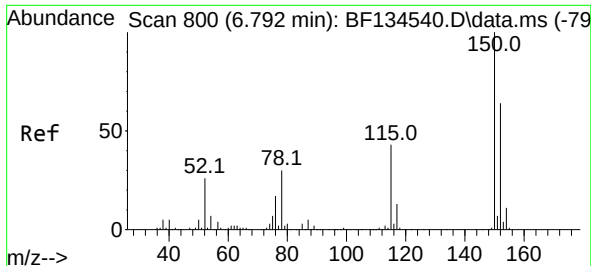
Instrument :
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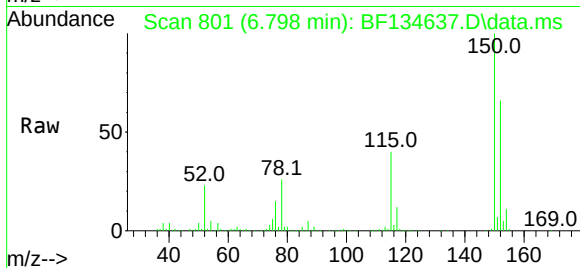
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31

Instrument :

BNA_F

ClientSampleId :

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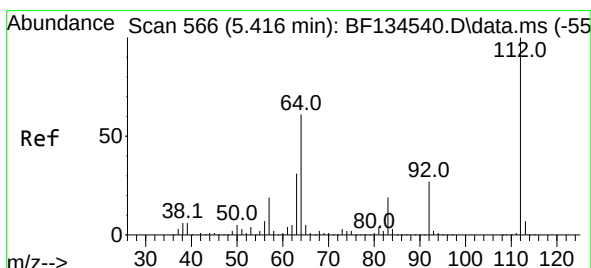
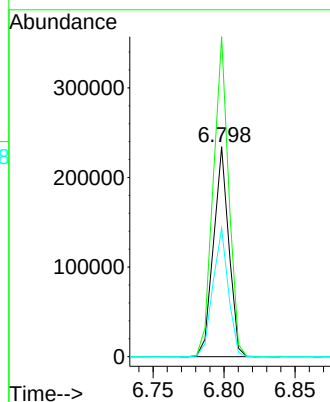
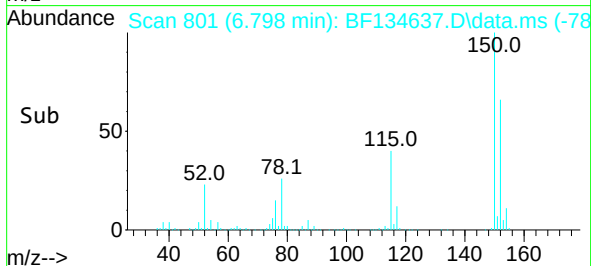


Tgt Ion:152 Resp: 175379
Ion Ratio Lower Upper
152 100
150 152.5 128.3 192.5
115 61.2 52.4 78.6

Manual Integrations

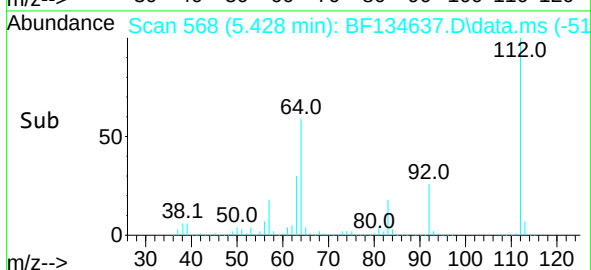
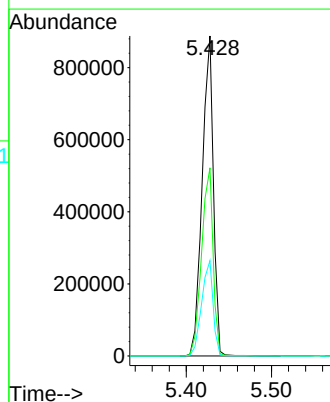
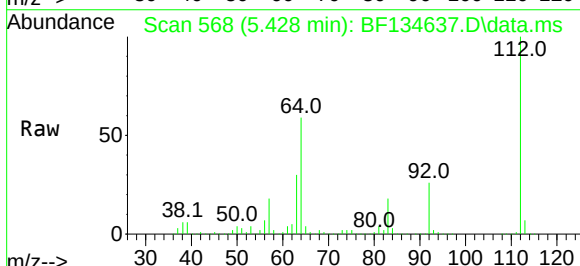
APPROVED

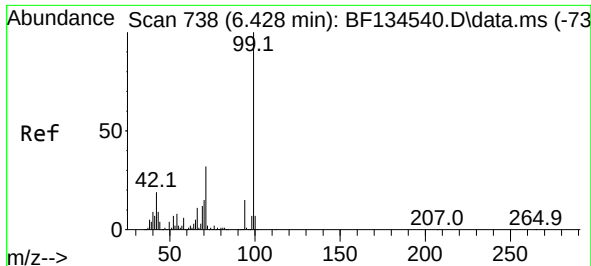
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#5
2-Fluorophenol
Concen: 70.249 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31

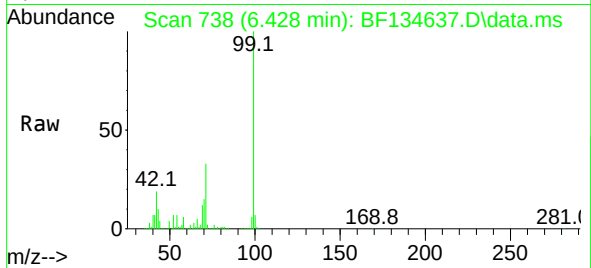
Tgt Ion:112 Resp: 810470
Ion Ratio Lower Upper
112 100
64 58.8 44.9 67.3
63 29.8 25.4 38.0





#7
Phenol-d6
Concen: 67.795 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31

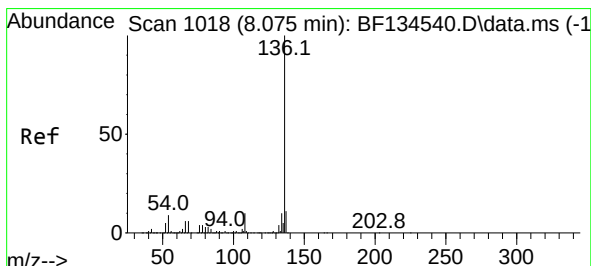
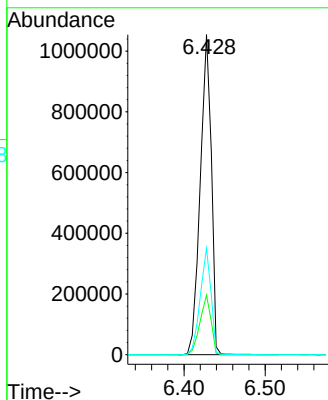
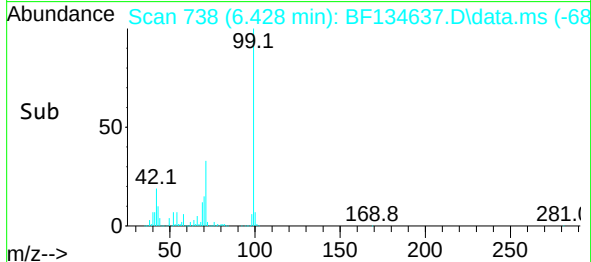
Instrument :
BNA_F
ClientSampleId :
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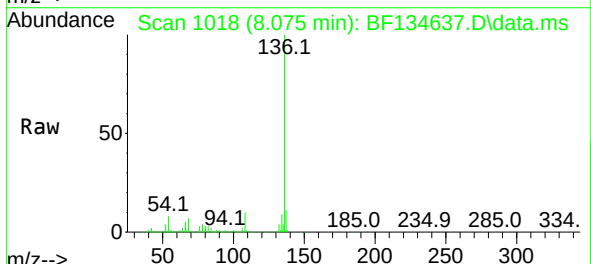
Tgt Ion: 99 Resp: 999840
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 33.2 36.4 54.6#

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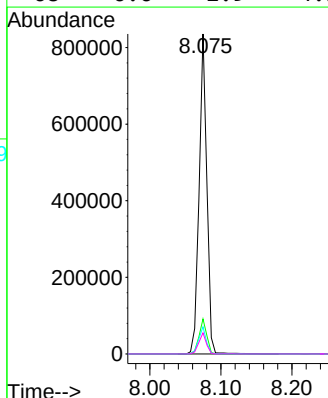
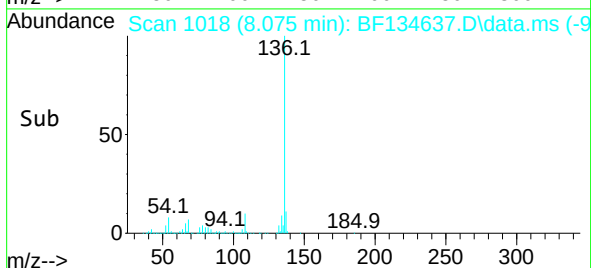
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Supervised By :mohammad ahmed 08/07/2023

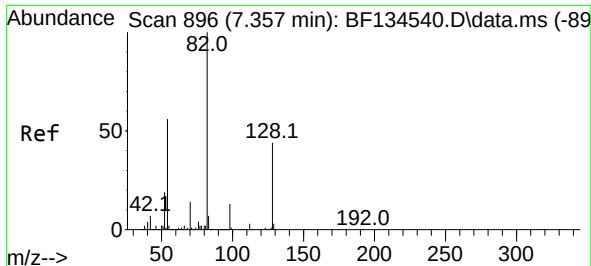


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31



Tgt Ion:136 Resp: 632561
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 5.2 7.8#
68 6.6 2.9 4.3#





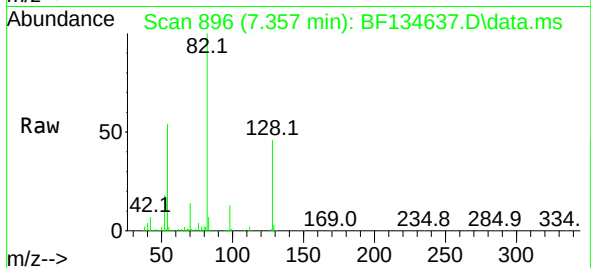
#23
Nitrobenzene-d5
Concen: 55.969 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4

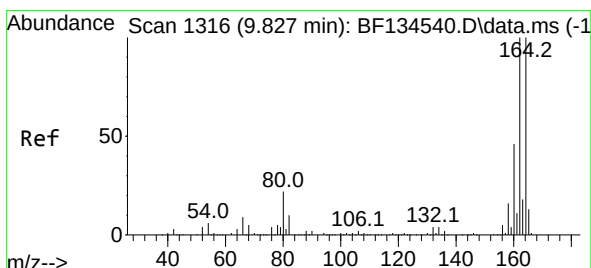
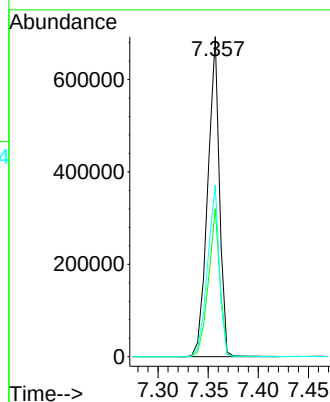
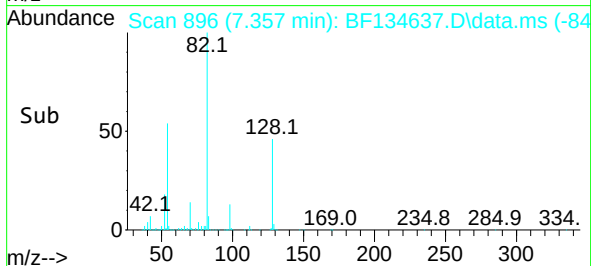


Tgt Ion: 82 Resp: 566532
Ion Ratio Lower Upper
82 100
128 46.2 34.3 51.5
54 53.6 43.8 65.6

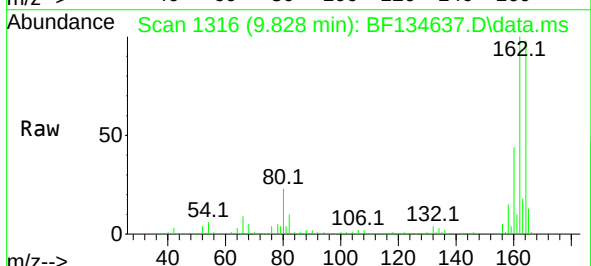
Manual Integrations

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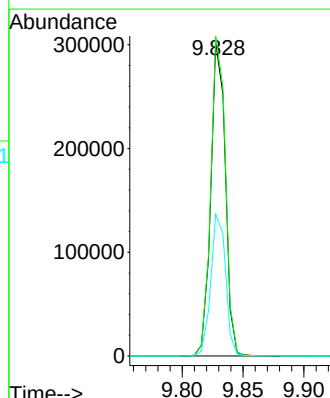
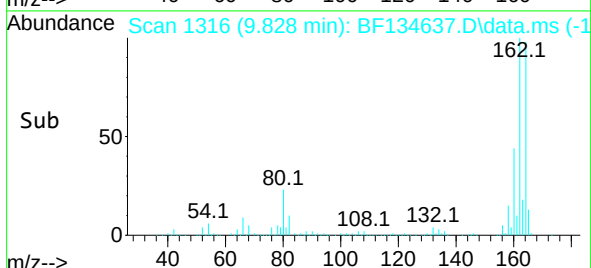
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

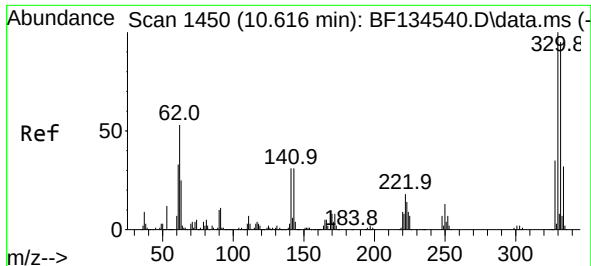


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31



Tgt Ion:164 Resp: 250539
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 45.3 37.2 55.8





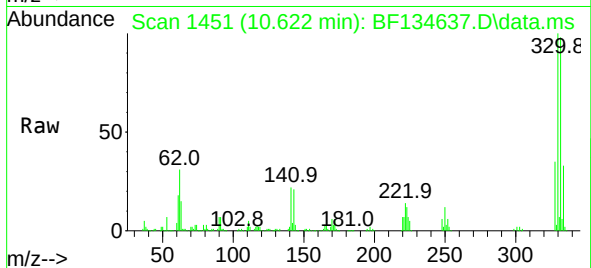
#42
2,4,6-Tribromophenol
Concen: 69.331 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4

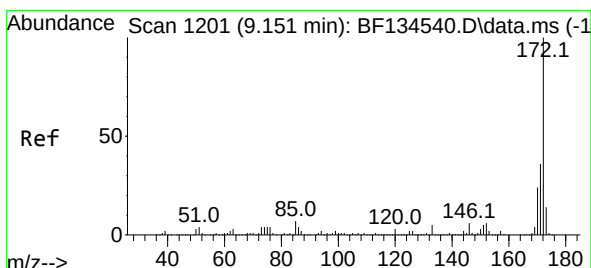
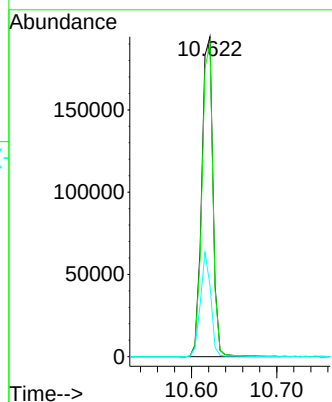
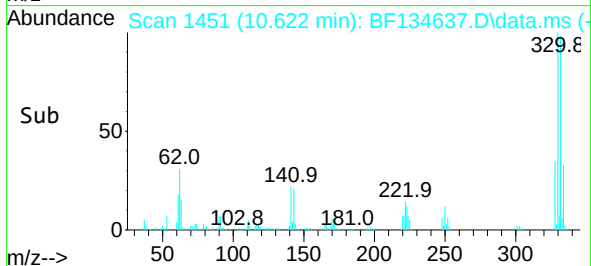


Tgt Ion:330 Resp: 17707
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 30.4 25.4 38.2

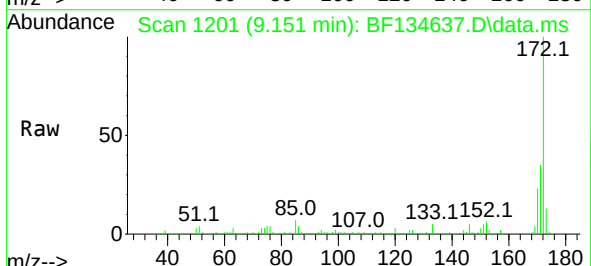
Manual Integrations

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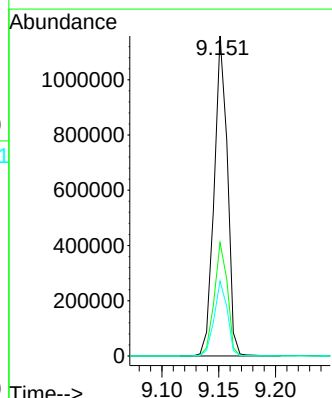
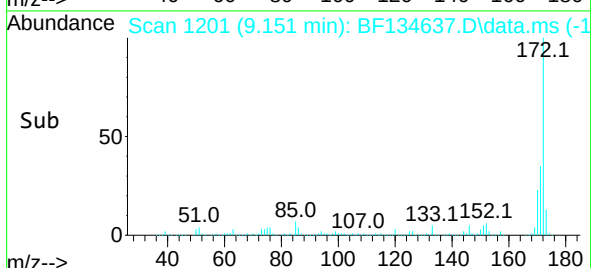
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

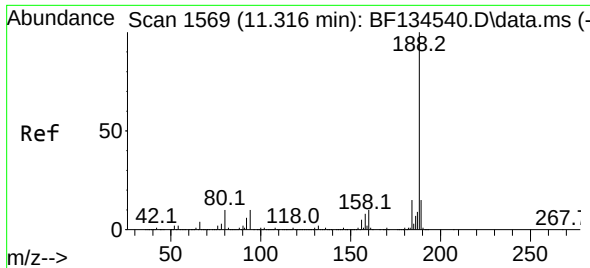


#45
2-Fluorobiphenyl
Concen: 62.381 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31



Tgt Ion:172 Resp: 939978
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.5 18.7 28.1





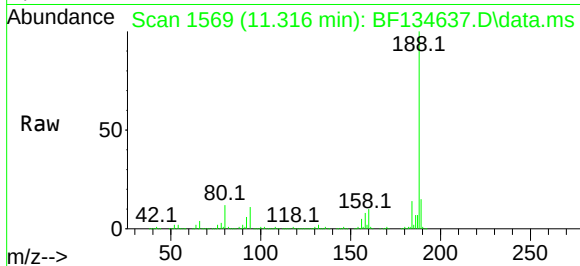
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4

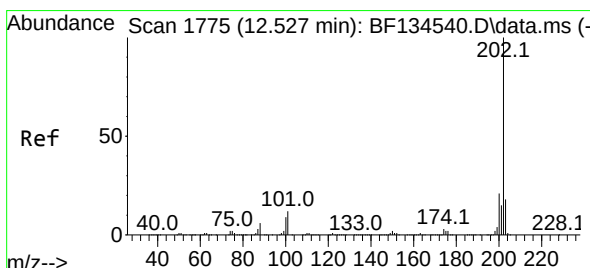
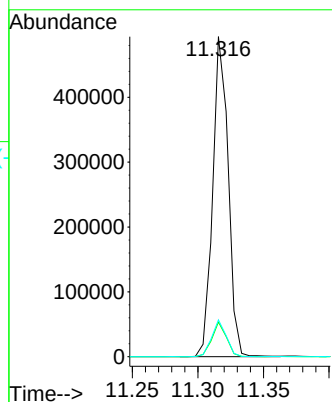
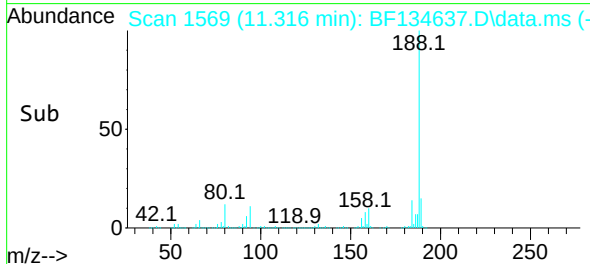


Tgt Ion:188 Resp: 405250
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7
80 11.5 6.6 9.8

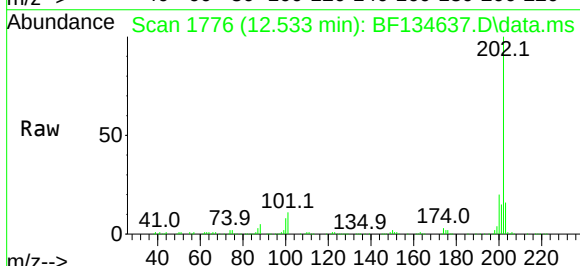
Manual Integrations

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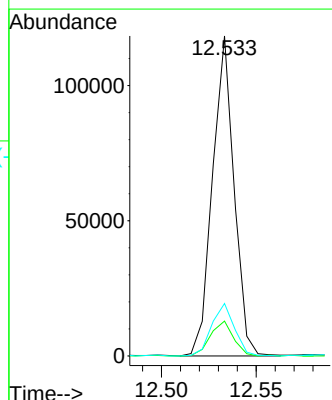
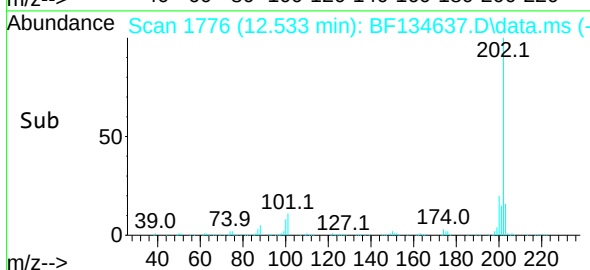
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

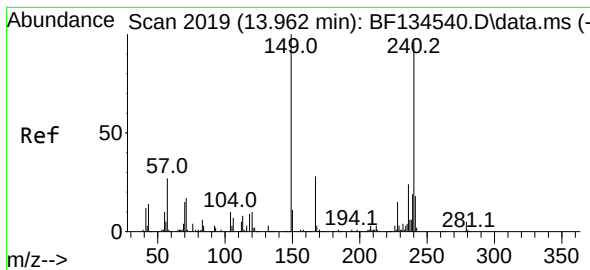


#75
Fluoranthene
Concen: 4.134 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134637.D
Acq: 04 Aug 2023 17:31



Tgt Ion:202 Resp: 94001
Ion Ratio Lower Upper
202 100
101 10.9 0.0 28.5
203 16.4 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: BF134637.D

Acq: 04 Aug 2023 17:31

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4

Tgt Ion:240 Resp: 400472

Ion Ratio Lower Upper

240 100

120 9.8 6.6 10.0

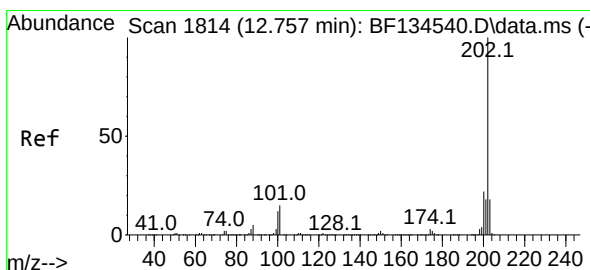
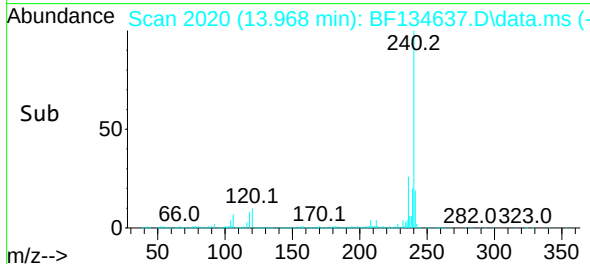
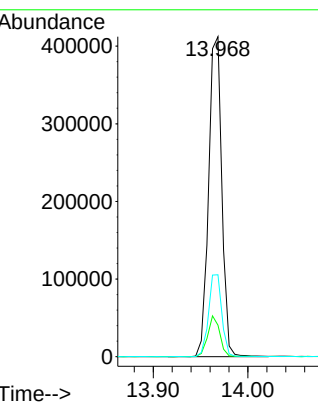
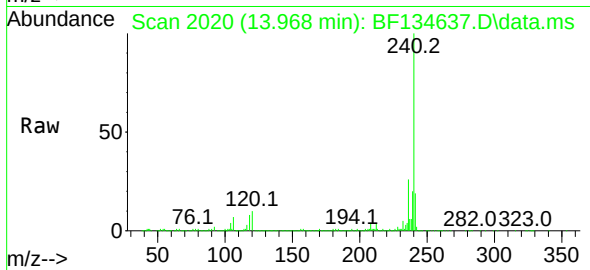
236 25.6 20.2 30.2

Manual Integrations

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#78

Pyrene

Concen: 2.850 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134637.D

Acq: 04 Aug 2023 17:31

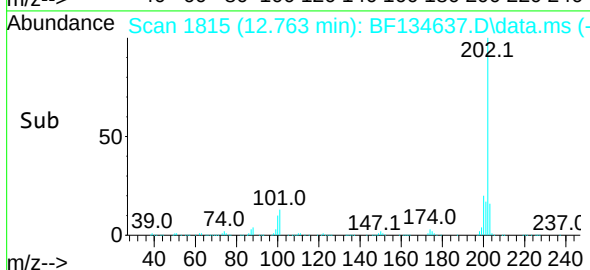
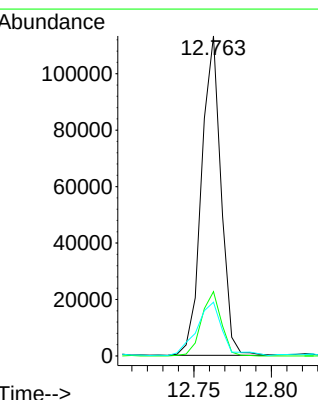
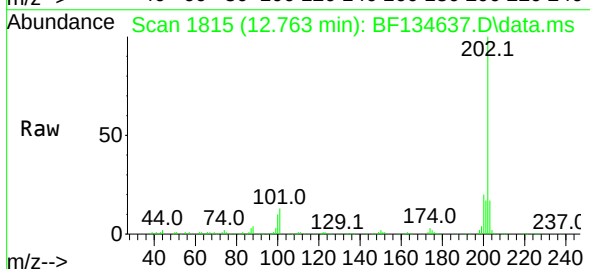
Tgt Ion:202 Resp: 98758

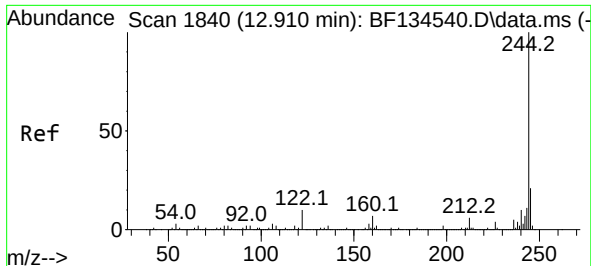
Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.8

203 16.8 13.5 20.3





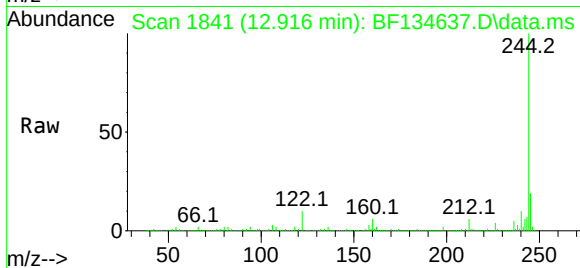
#79
 Terphenyl-d14
 Concen: 42.964 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134637.D
 Acq: 04 Aug 2023 17:31

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP4

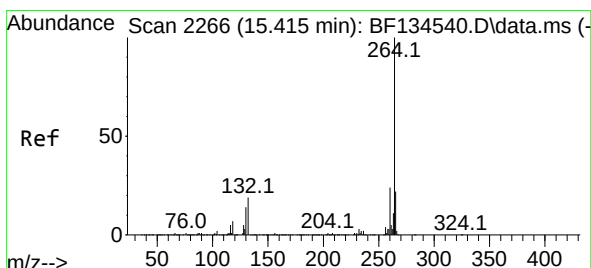
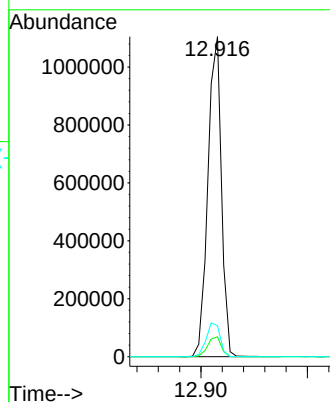
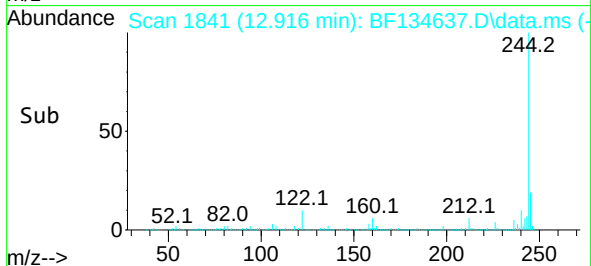


Tgt Ion:244 Resp: 976024
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 9.7 8.0 12.0

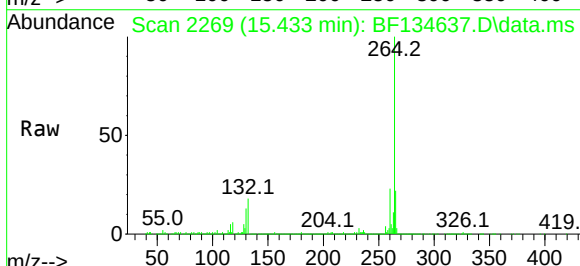
Manual Integrations

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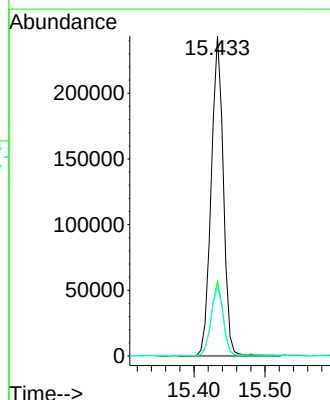
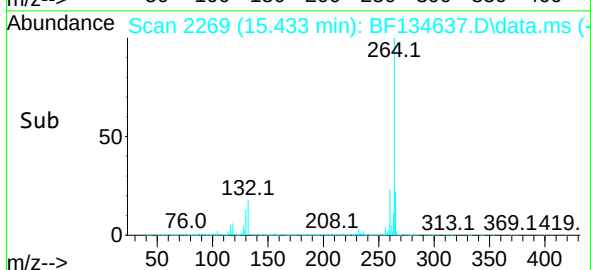
Reviewed By :Yogesh Patel 08/07/2023
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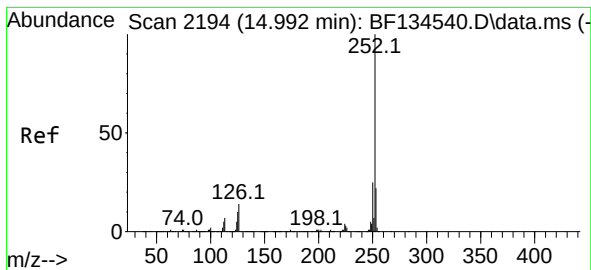


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134637.D
 Acq: 04 Aug 2023 17:31



Tgt Ion:264 Resp: 289345
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.7 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.636 ng m

RT: 15.004 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134637.D

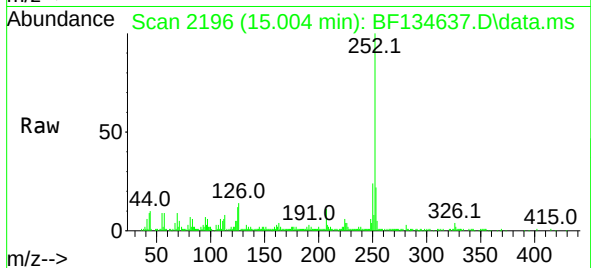
Acq: 04 Aug 2023 17:31

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:252 Resp: 4652

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 12.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023

