

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134611.D
 Acq On : 03 Aug 2023 15:09
 Operator : CG\JU
 Sample : 03686-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-0-2-20230721

Quant Time: Aug 04 01:08:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	287631	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1004400	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	442791	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	804552	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	467415	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	397386	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	968162	51.166	ng	0.01
7) Phenol-d6	6.428	99	1189242	49.167	ng	0.00
23) Nitrobenzene-d5	7.357	82	635660	39.550	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	241619	53.529	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1117777	41.973	ng	0.00
79) Terphenyl-d14	12.916	244	1212325	45.723	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.551	163	220091	7.293	ng	98
71) Phenanthrene	11.345	178	96631	2.261	ng	98
75) Fluoranthene	12.533	202	130142	2.883	ng	96
78) Pyrene	12.763	202	115535	2.857	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	40304	2.504	ng	99
88) Benzo(b)fluoranthene	15.010	252	51711m	2.134	ng	

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

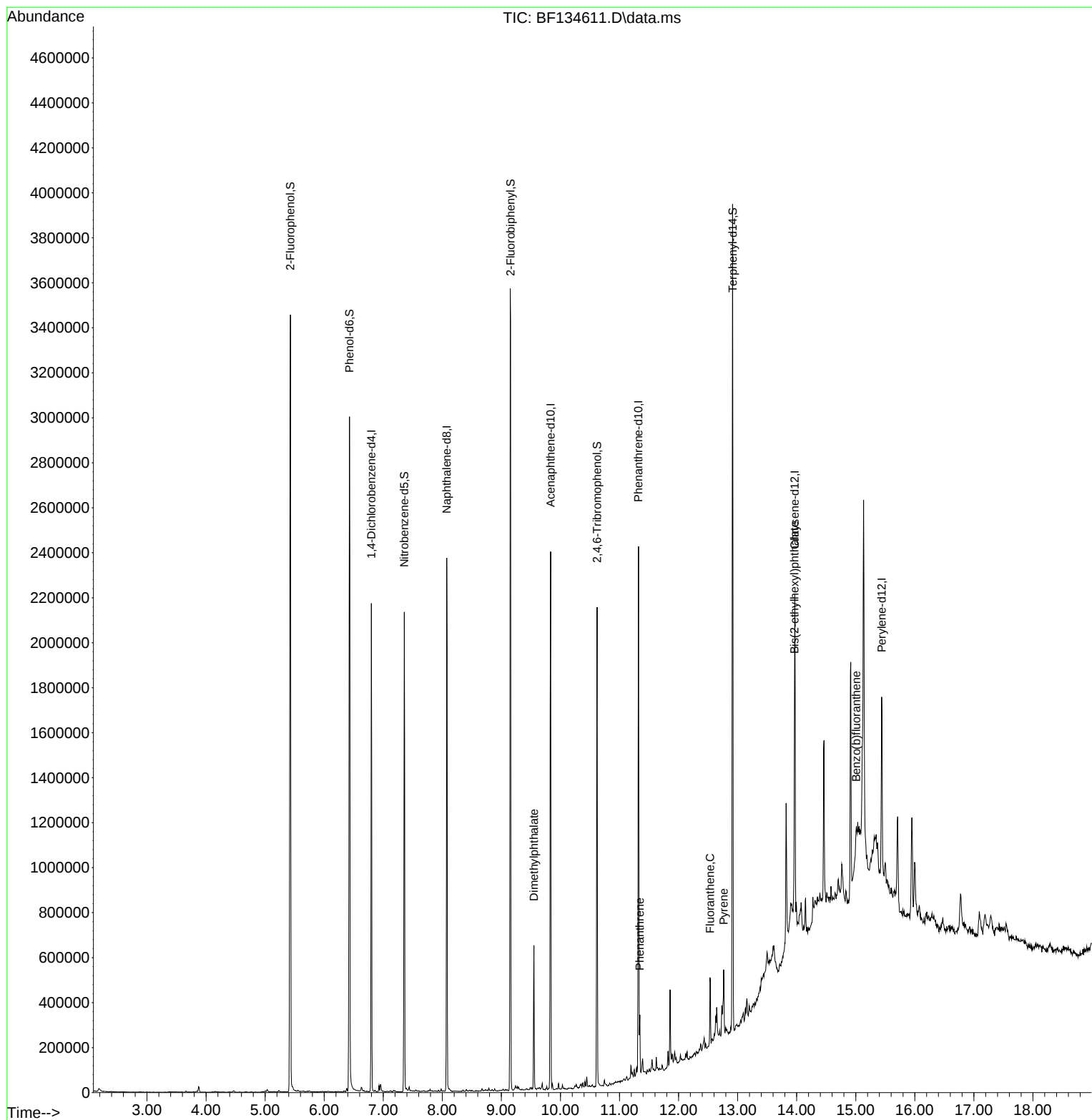
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134611.D
Acq On : 03 Aug 2023 15:09
Operator : CG\JU
Sample : 03686-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

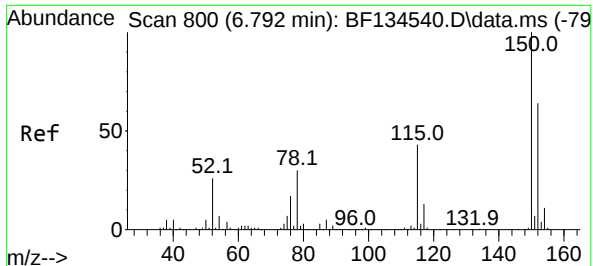
Instrument :
BNA_F
ClientSampleId :
SB-23-0-2-20230721

Quant Time: Aug 04 01:08:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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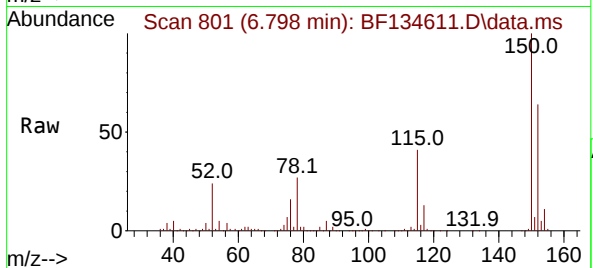
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

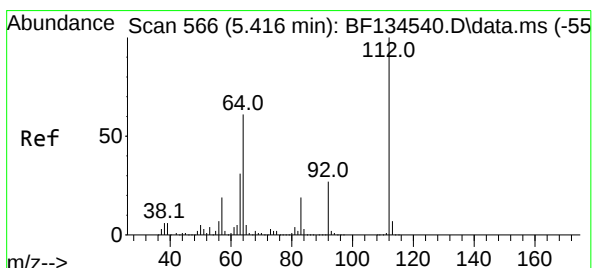
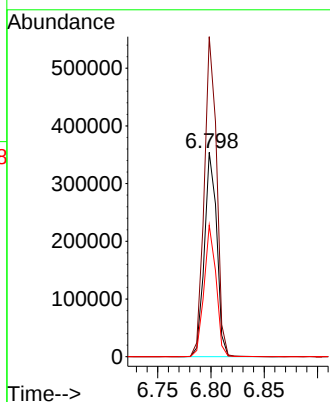
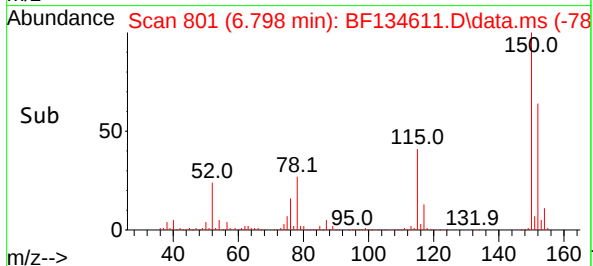
Instrument :
BNA_F
ClientSampleId :
SB-23-0-2-20230721



Tgt Ion:152 Resp: 28763
Ion Ratio Lower Upper
152 100
150 156.7 128.3 192.5
115 64.4 52.4 78.6

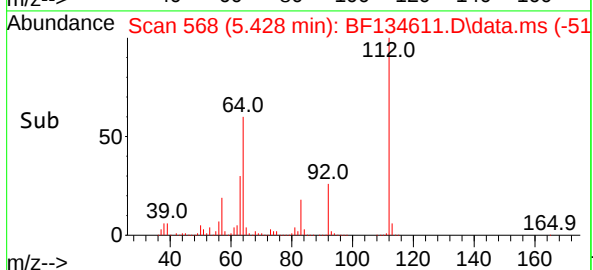
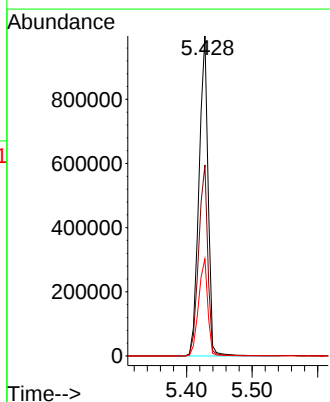
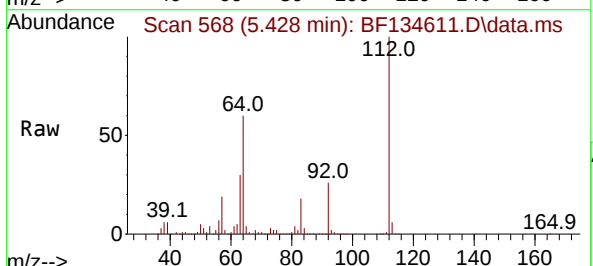
Manual Integrations
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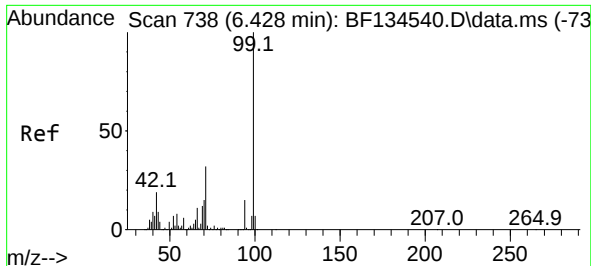
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#5
2-Fluorophenol
Concen: 51.166 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

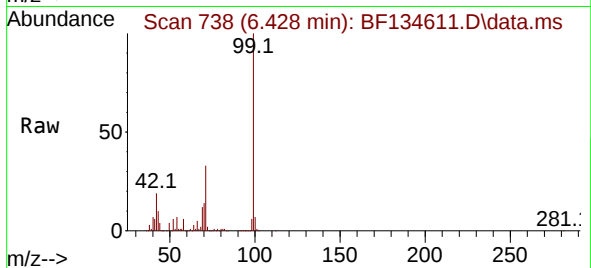
Tgt Ion:112 Resp: 968162
Ion Ratio Lower Upper
112 100
64 59.7 44.9 67.3
63 30.3 25.4 38.0





#7
Phenol-d6
Concen: 49.167 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

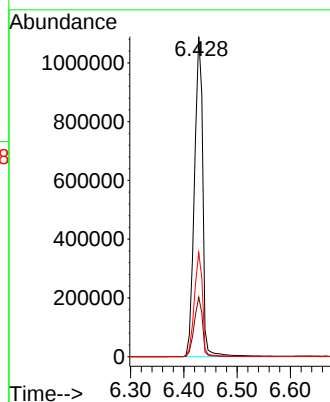
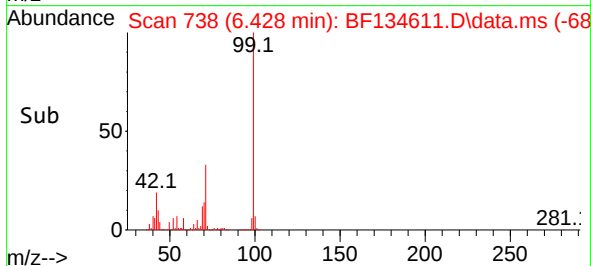
Instrument :
BNA_F
ClientSampleId :
SB-23-0-2-20230721



Tgt Ion: 99 Resp: 118924
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1
71 32.5 36.4 54.6

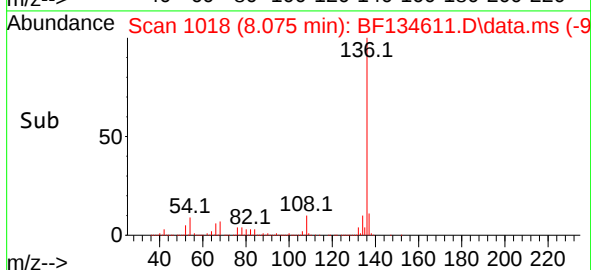
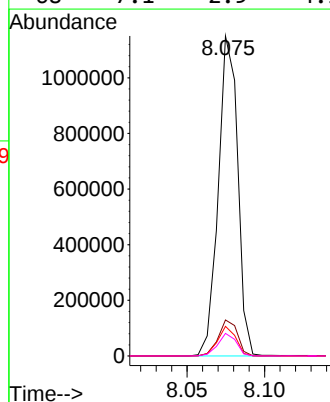
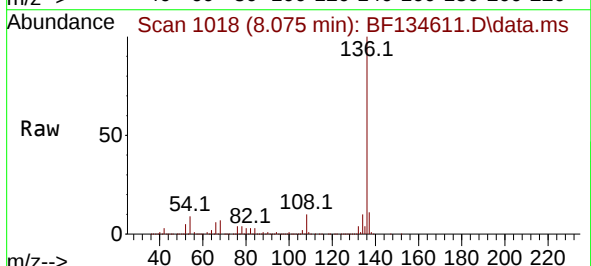
Manual Integrations
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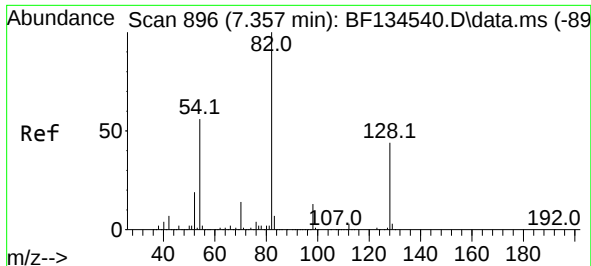
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

Tgt Ion:136 Resp: 1004400
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.3 5.2 7.8#
68 7.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 39.550 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134611.D

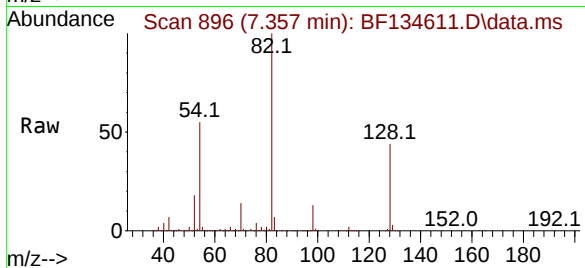
Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

SB-23-0-2-20230721



Tgt Ion: 82 Resp: 635660

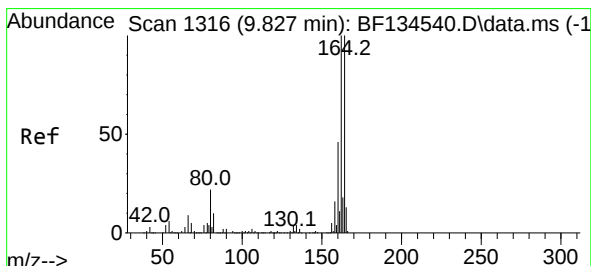
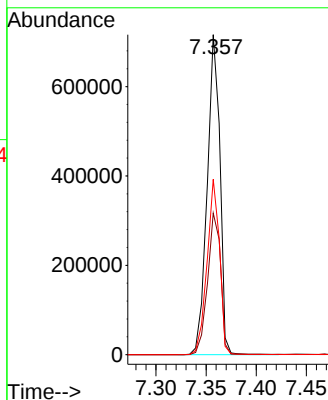
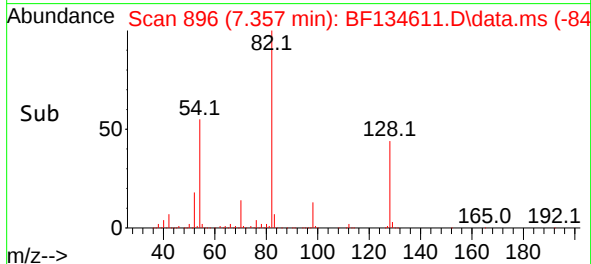
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.3	51.5
54	54.8	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/04/2023



#39

Acenaphthene-d10

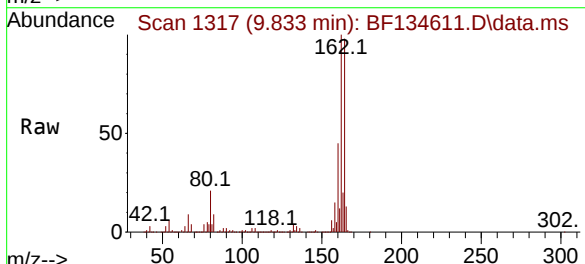
Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

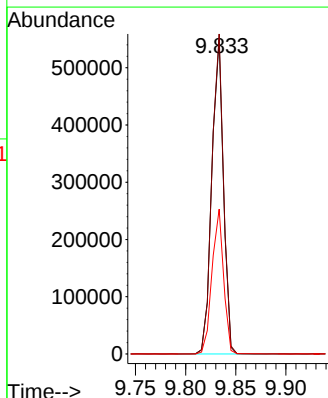
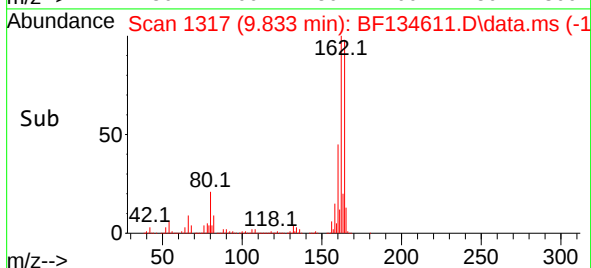
Lab File: BF134611.D

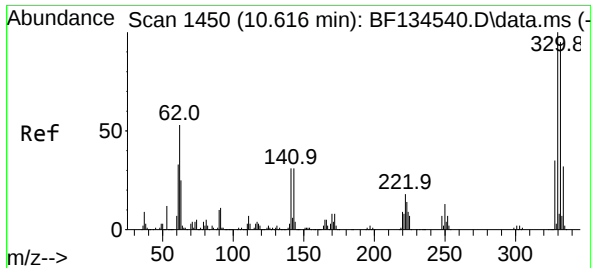
Acq: 03 Aug 2023 15:09



Tgt Ion:164 Resp: 442791

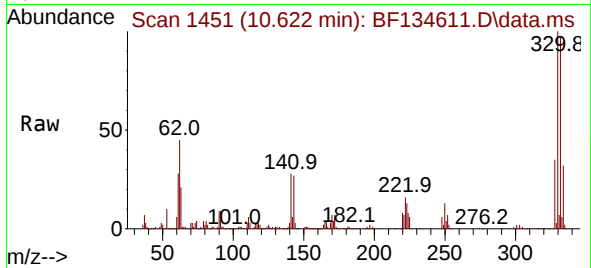
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.1	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 53.529 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

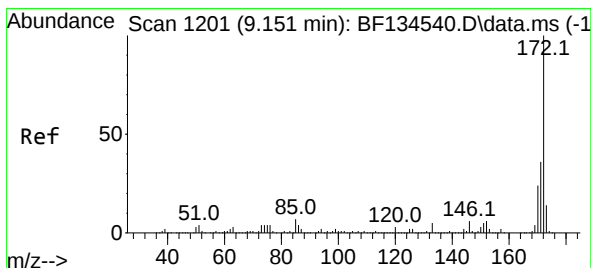
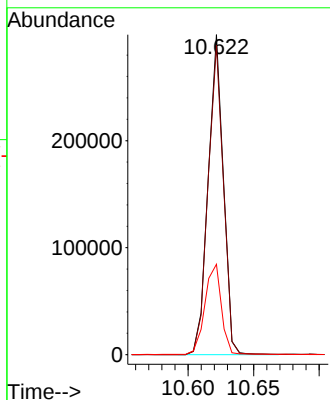
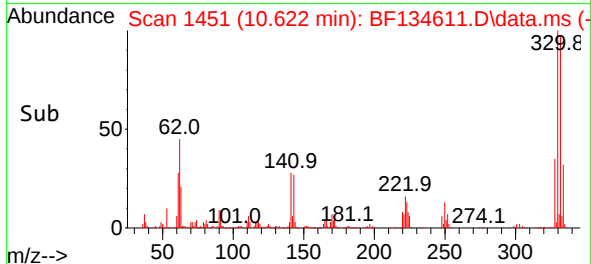
Instrument :
BNA_F
ClientSampleId :
SB-23-0-2-20230721



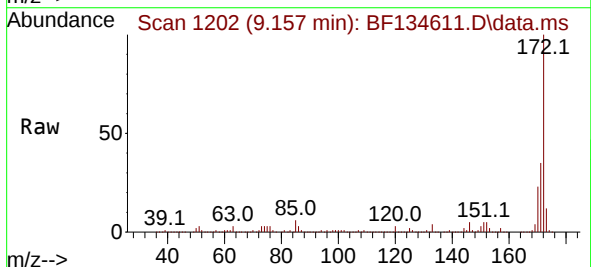
Tgt Ion: 330 Resp: 241619
Ion Ratio Lower Upper
330 100
332 97.7 78.8 118.2
141 30.6 25.4 38.2

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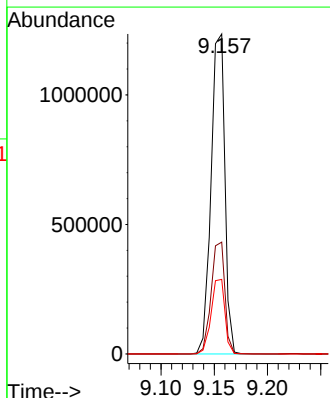
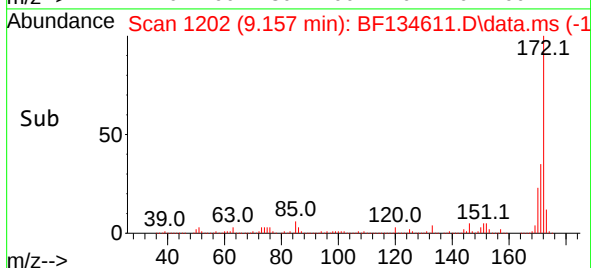
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

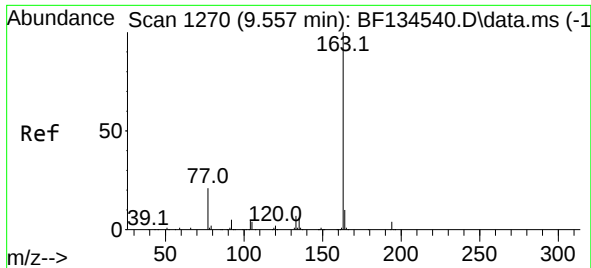


#45
2-Fluorobiphenyl
Concen: 41.973 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09



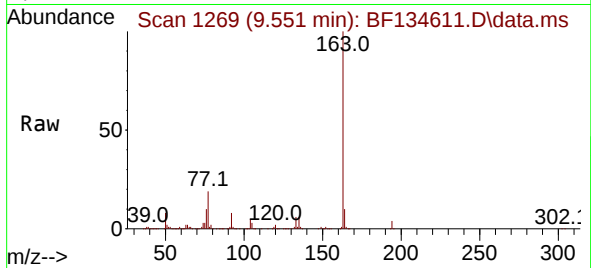
Tgt Ion: 172 Resp: 1117777
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.3 18.7 28.1





#50
Dimethylphthalate
Concen: 7.293 ng
RT: 9.551 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

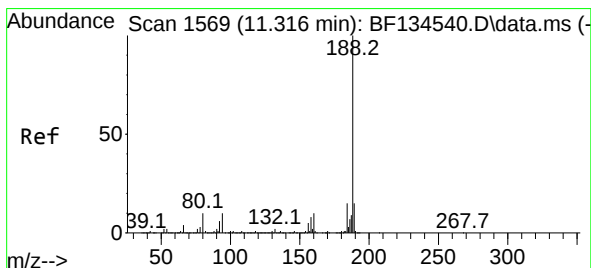
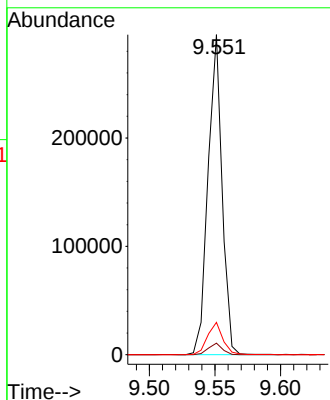
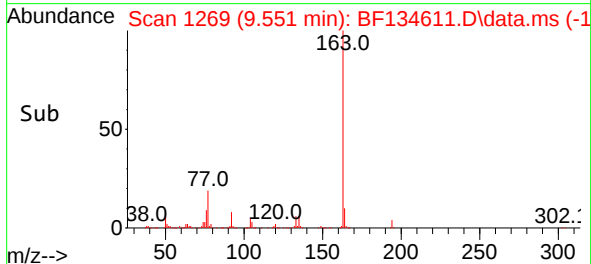
Instrument :
BNA_F
ClientSampleId :
SB-23-0-2-20230721



Tgt Ion:163 Resp: 22009
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.1 7.5 11.3

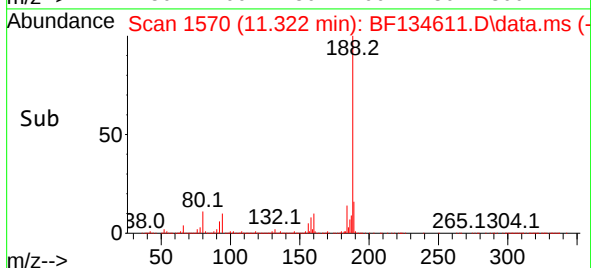
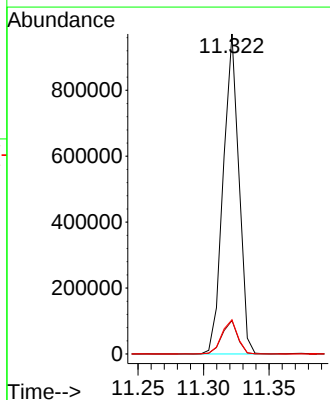
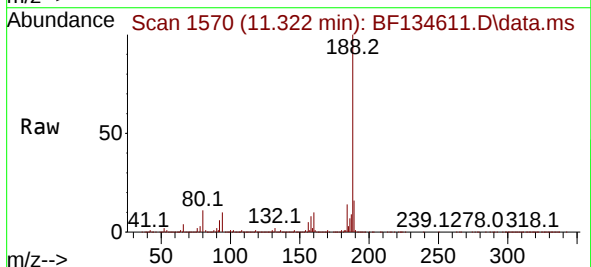
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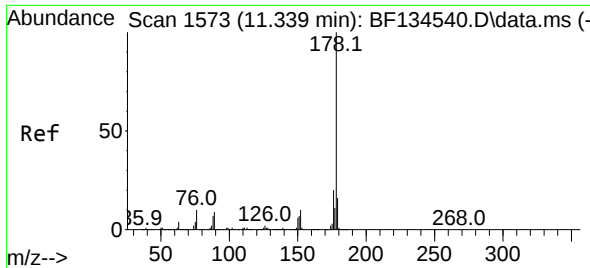
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

Tgt Ion:188 Resp: 804552
Ion Ratio Lower Upper
188 100
94 10.4 5.1 7.7#
80 10.7 6.6 9.8#





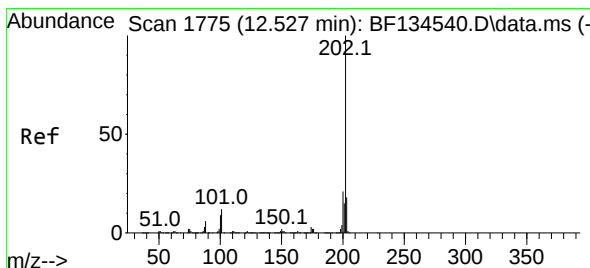
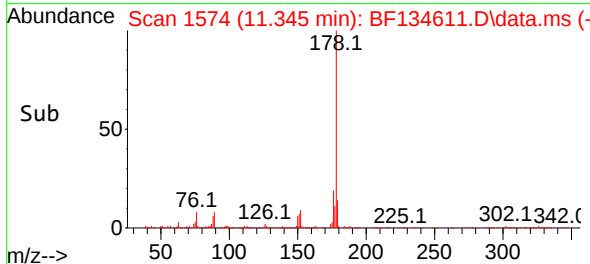
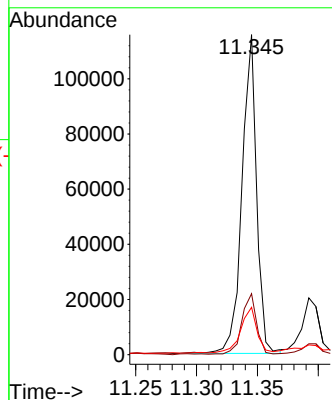
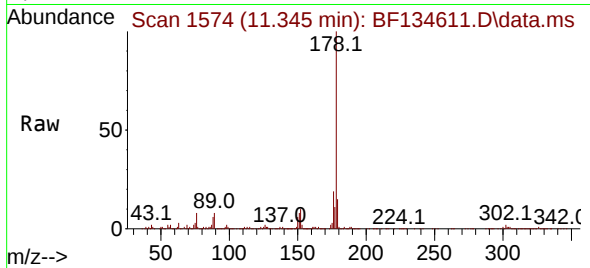
#71
Phenanthrene
Concen: 2.261 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

Instrument :
BNA_F
ClientSampleId :
SB-23-0-2-20230721

Tgt Ion:178 Resp: 9663
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 14.8 12.7 19.1

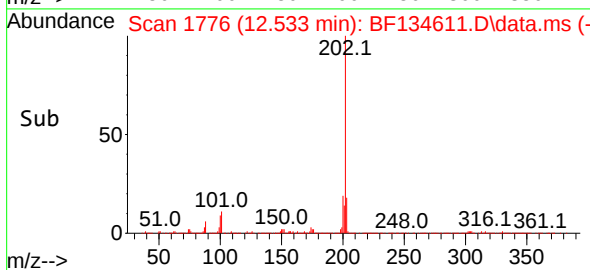
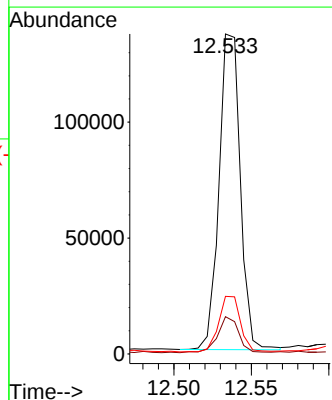
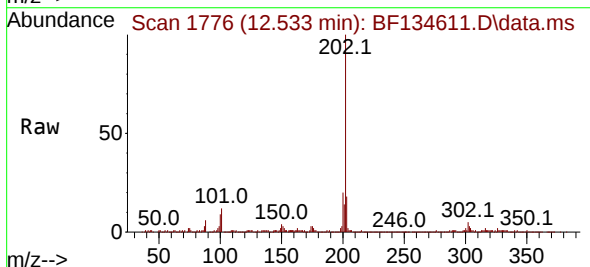
Manual Integrations
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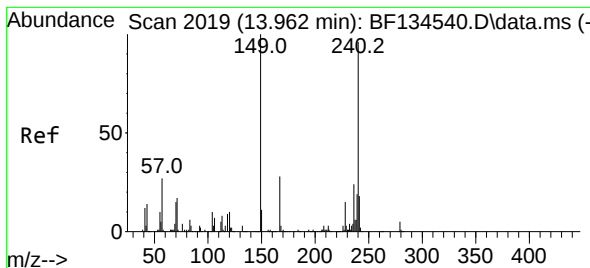
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#75
Fluoranthene
Concen: 2.883 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF134611.D
Acq: 03 Aug 2023 15:09

Tgt Ion:202 Resp: 130142
Ion Ratio Lower Upper
202 100
101 11.6 0.0 28.5
203 18.0 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: BF134611.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

SB-23-0-2-20230721

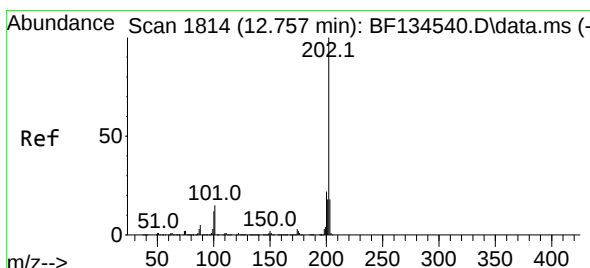
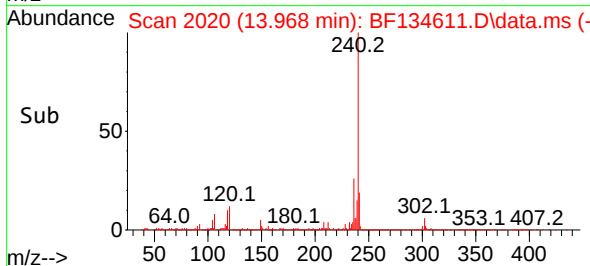
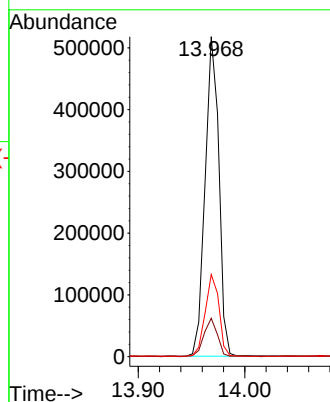
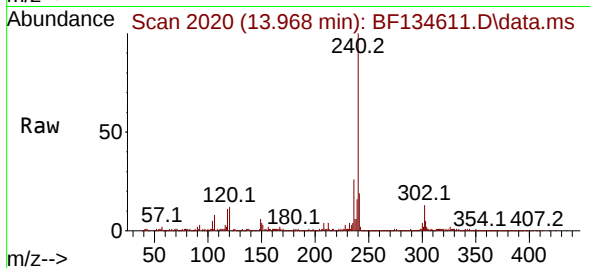
Tgt Ion:240 Resp: 467415
 Ion Ratio Lower Upper
 240 100
 120 12.0 6.6 10.0
 236 25.6 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#78

Pyrene

Concen: 2.857 ng

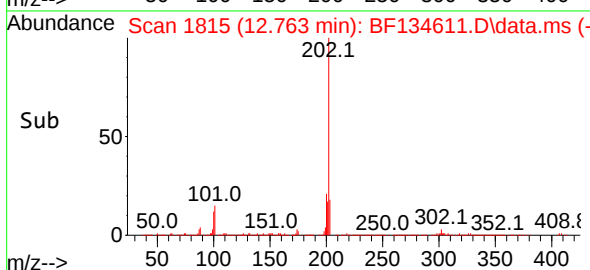
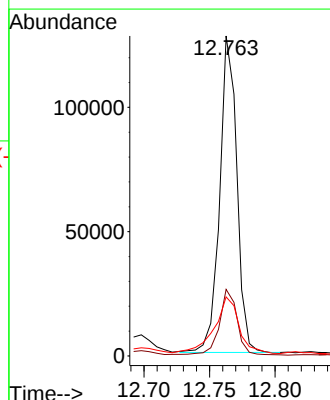
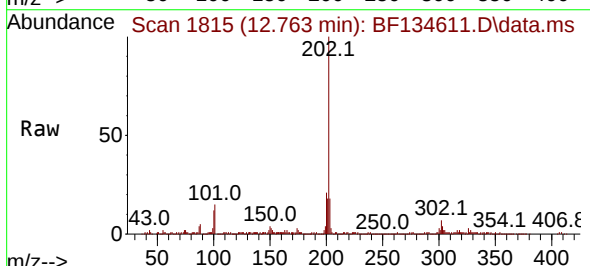
RT: 12.763 min Scan# 1815

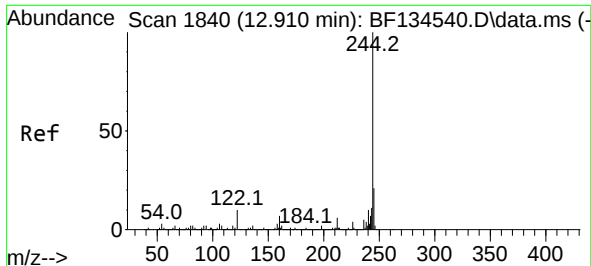
Delta R.T. 0.006 min

Lab File: BF134611.D

Acq: 03 Aug 2023 15:09

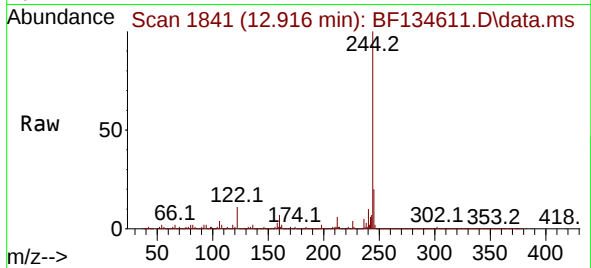
Tgt Ion:202 Resp: 115535
 Ion Ratio Lower Upper
 202 100
 200 20.8 15.8 23.8
 203 18.4 13.5 20.3





#79
 Terphenyl-d14
 Concen: 45.723 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF134611.D
 Acq: 03 Aug 2023 15:09

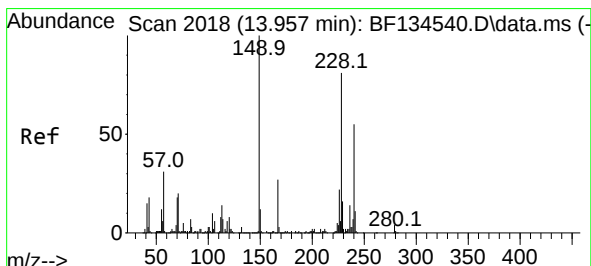
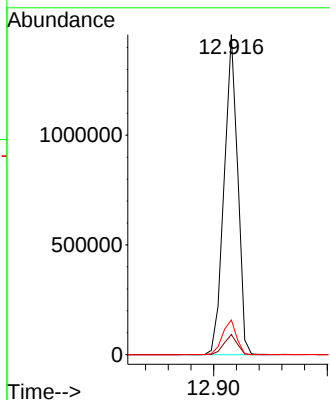
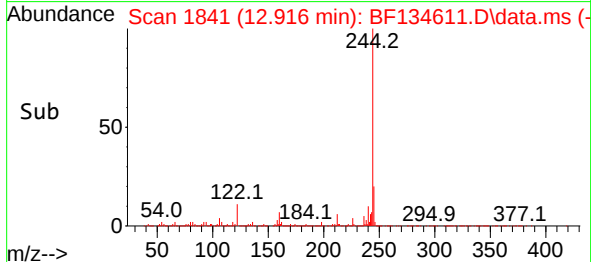
Instrument :
 BNA_F
 ClientSampleId :
 SB-23-0-2-20230721



Tgt Ion:244 Resp: 121232
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.9 8.0 12.0

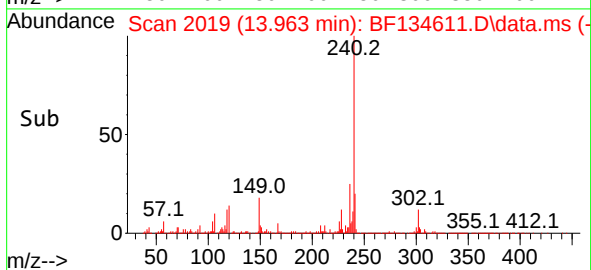
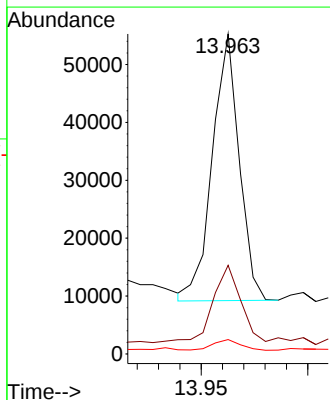
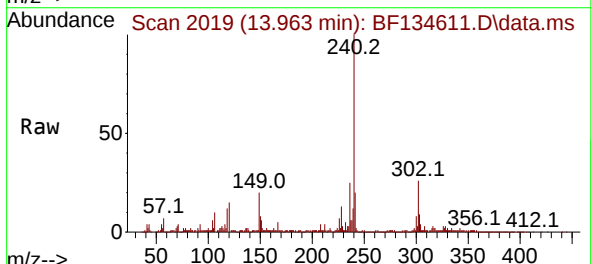
Manual Integrations
 APPROVED

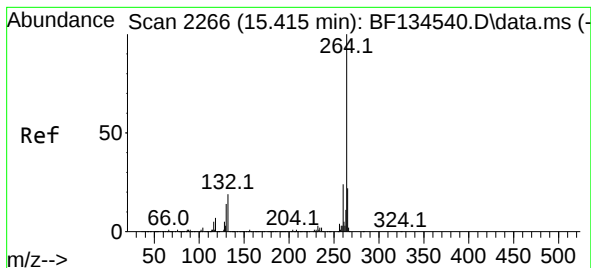
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.504 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF134611.D
 Acq: 03 Aug 2023 15:09

Tgt Ion:149 Resp: 40304
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 4.5 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2197

Delta R.T. 0.024 min

Lab File: BF134611.D

Acq: 03 Aug 2023 15:09

Instrument :

BNA_F

ClientSampleId :

SB-23-0-2-20230721

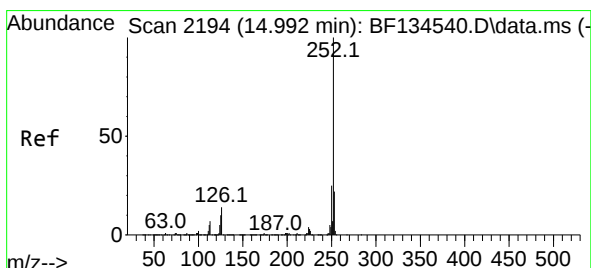
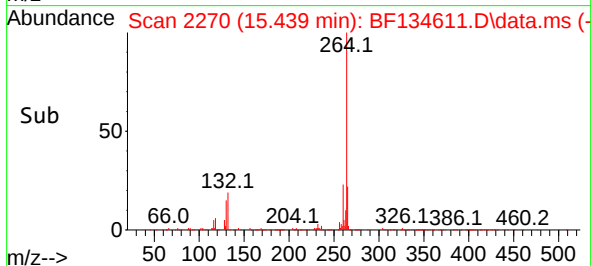
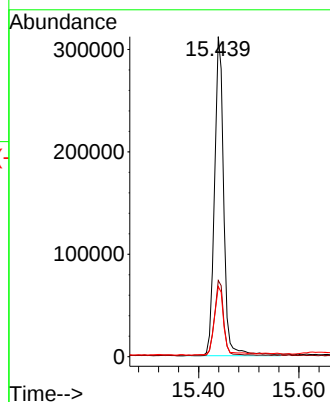
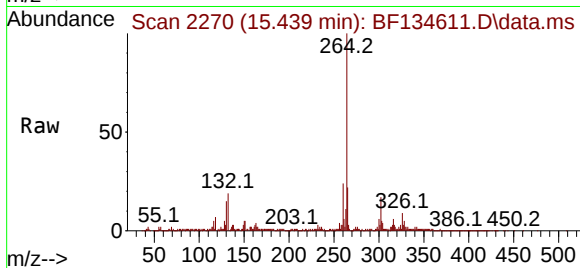
Tgt Ion:264 Resp: 397380
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#88

Benzo(b)fluoranthene

Concen: 2.134 ng m

RT: 15.010 min Scan# 2197

Delta R.T. 0.018 min

Lab File: BF134611.D

Acq: 03 Aug 2023 15:09

Tgt Ion:252 Resp: 51711
 Ion Ratio Lower Upper
 252 100
 253 25.5 17.3 25.9
 125 24.0 6.0 9.0

