

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134765.D
 Acq On : 14 Aug 2023 18:13
 Operator : CG\JU
 Sample : 03989-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP25

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 15 00:33:01 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	163713	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	607949	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	288070	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	505549	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	323236	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	332564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	799255	74.212	ng	0.00
7) Phenol-d6	6.434	99	972092	70.609	ng	0.00
23) Nitrobenzene-d5	7.357	82	593624	61.020	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	237390	80.838	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1005983	58.064	ng	-0.01
79) Terphenyl-d14	12.915	244	961774	52.453	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.539	202	154986	5.464	ng	98
78) Pyrene	12.768	202	233699	8.355	ng	98
81) Benzo(a)anthracene	13.957	228	115442	4.995	ng	96
83) Chrysene	13.992	228	126697	5.626	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	56428	2.885	ng	# 90
88) Benzo(b)fluoranthene	15.009	252	121281m	5.980	ng	
90) Benzo(a)pyrene	15.374	252	110279	5.831	ng	# 96
92) Benzo(g,h,i)perylene	17.374	276	71021	4.405	ng	# 94

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

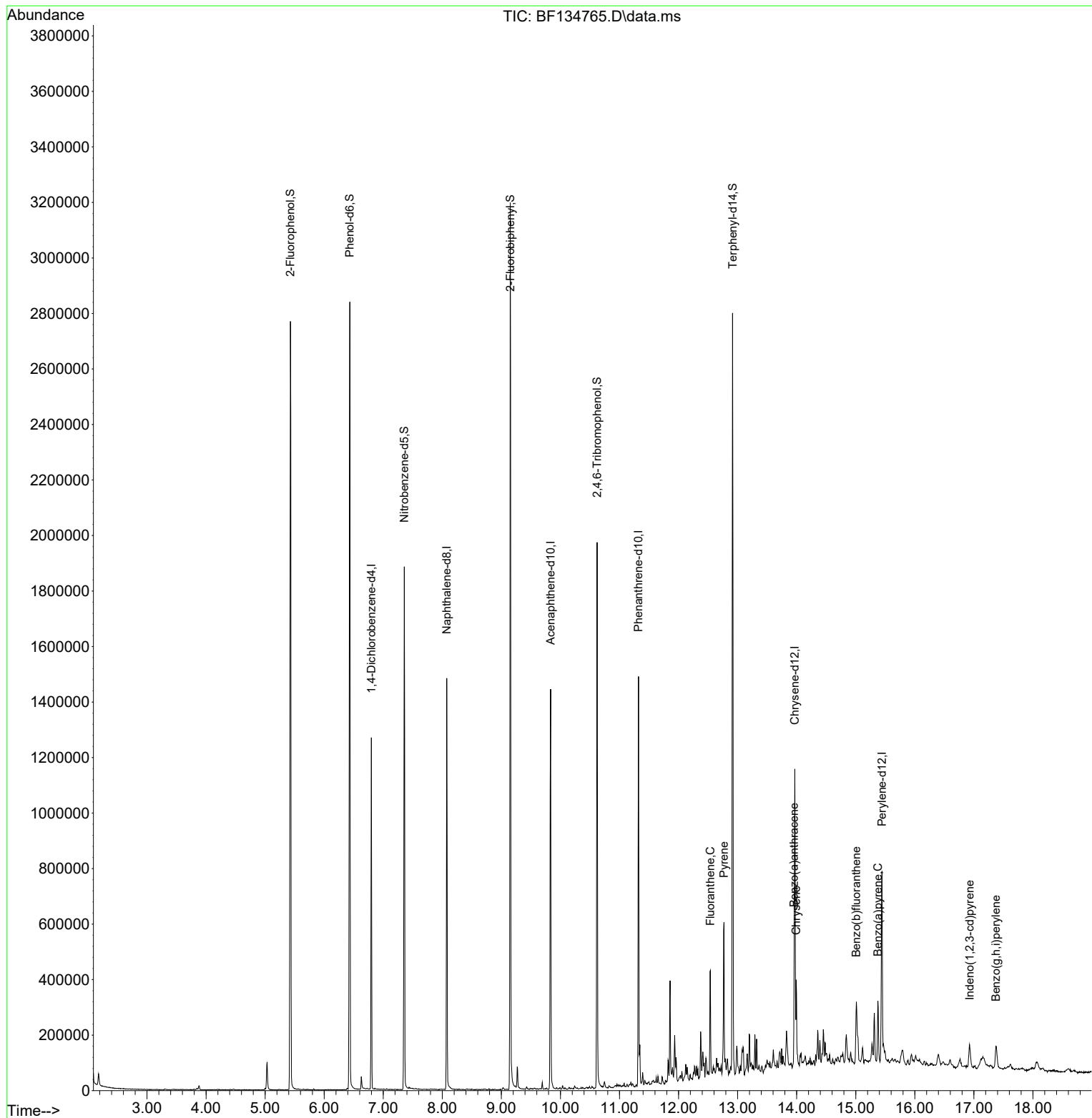
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
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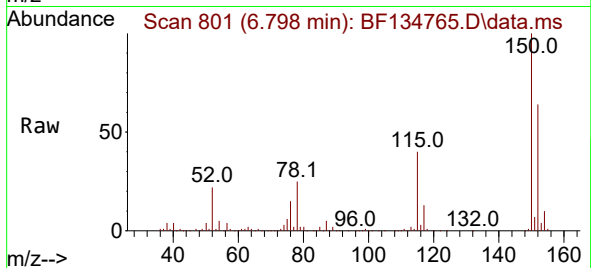
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

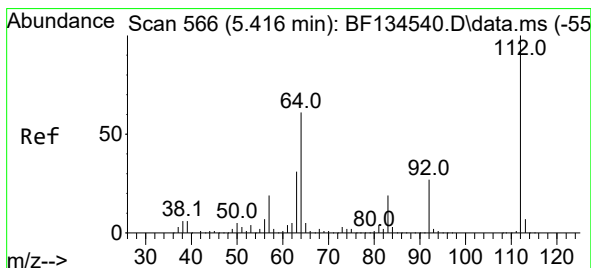
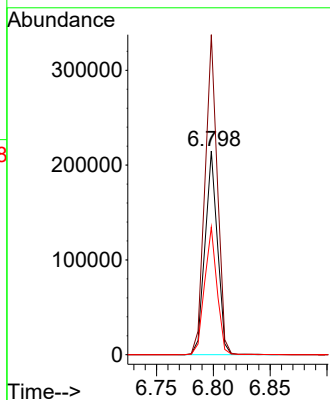
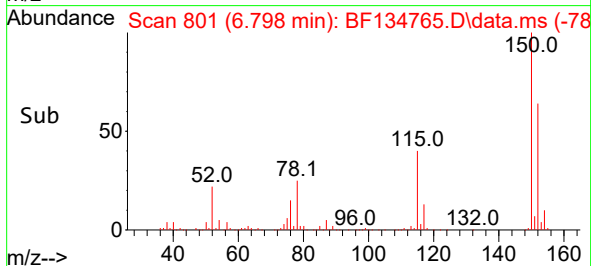
Instrument :
BNA_F
ClientSampleId :
B-PP25



Tgt Ion:152 Resp: 163711
Ion Ratio Lower Upper
152 100
150 157.1 128.3 192.5
115 62.6 52.4 78.6

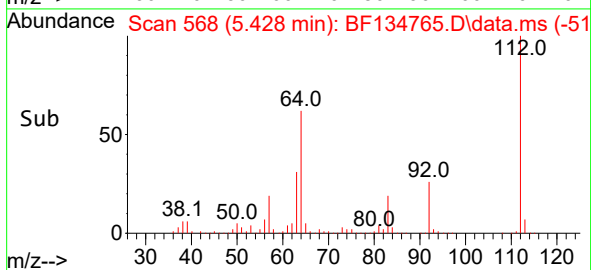
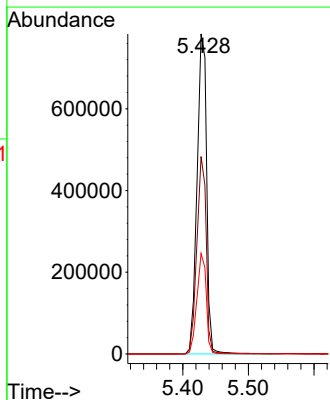
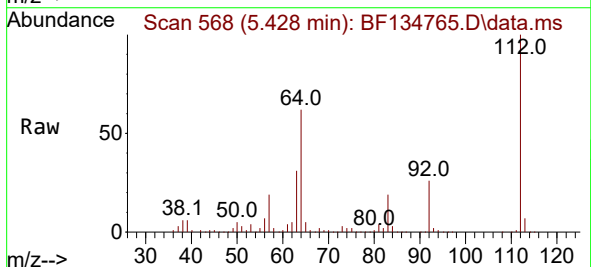
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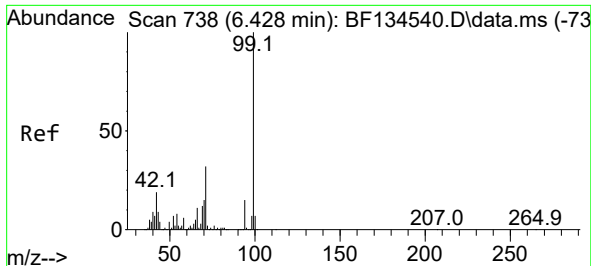
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#5
2-Fluorophenol
Concen: 74.212 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

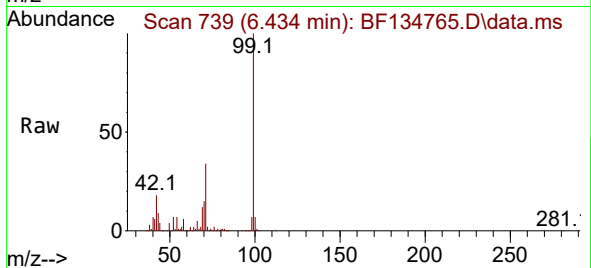
Tgt Ion:112 Resp: 799255
Ion Ratio Lower Upper
112 100
64 61.7 44.9 67.3
63 31.4 25.4 38.0





#7
Phenol-d6
Concen: 70.609 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

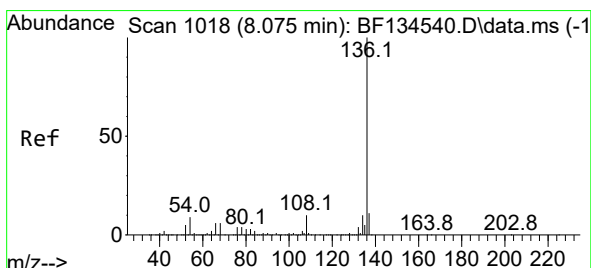
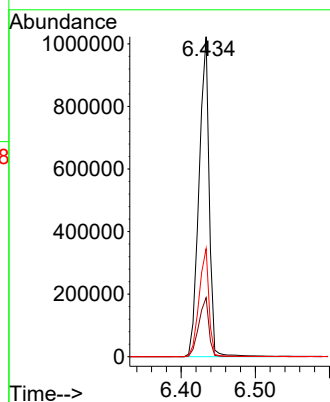
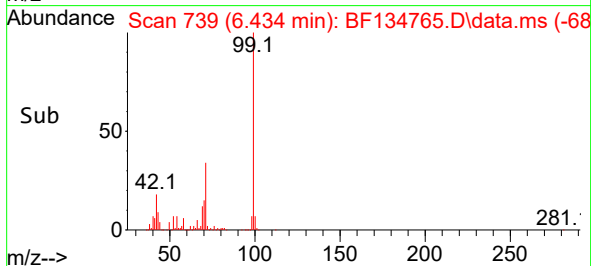
Instrument :
BNA_F
ClientSampleId :
B-PP25



Tgt Ion: 99 Resp: 972092
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 33.8 36.4 54.6#

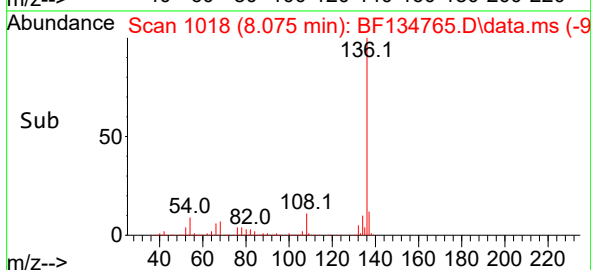
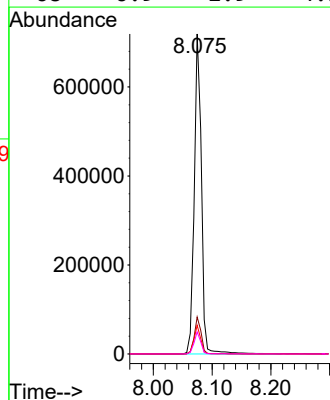
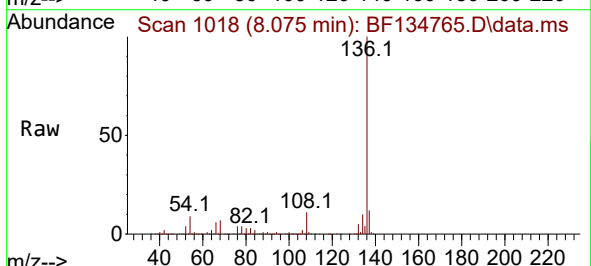
Manual Integrations
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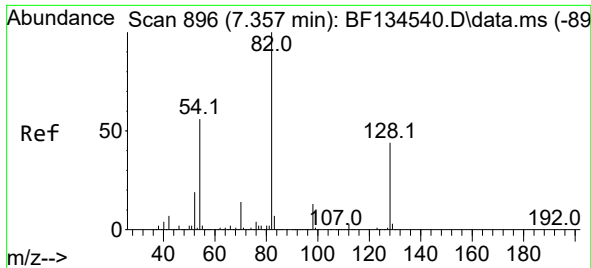
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

Tgt Ion:136 Resp: 607949
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 8.9 5.2 7.8#
68 6.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 61.020 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134765.D

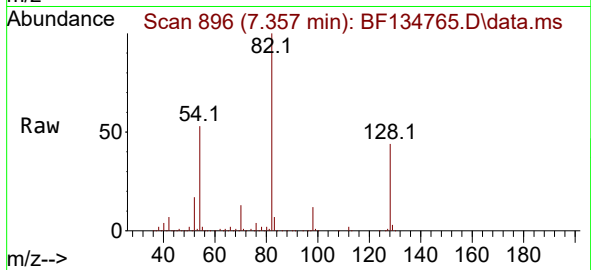
Acq: 14 Aug 2023 18:13

Instrument :

BNA_F

ClientSampleId :

B-PP25



Tgt Ion: 82 Resp: 593624

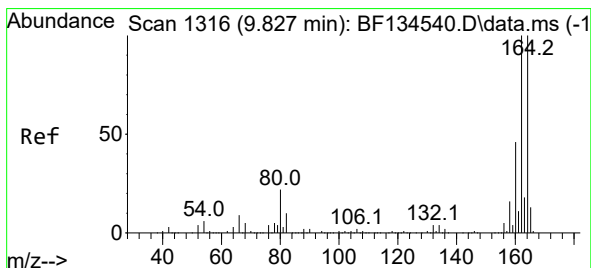
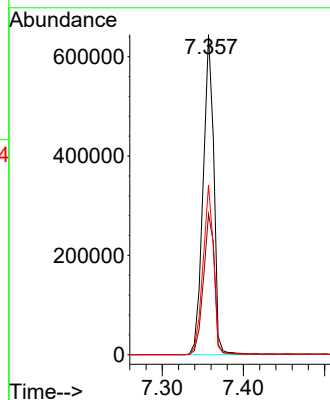
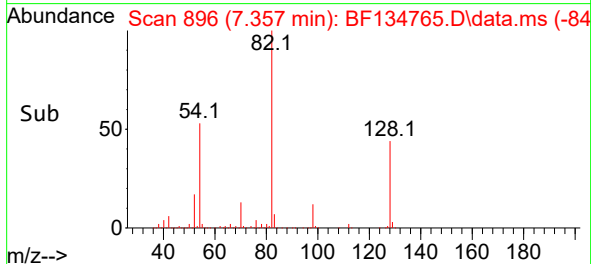
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.3	51.5
54	53.1	43.8	65.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

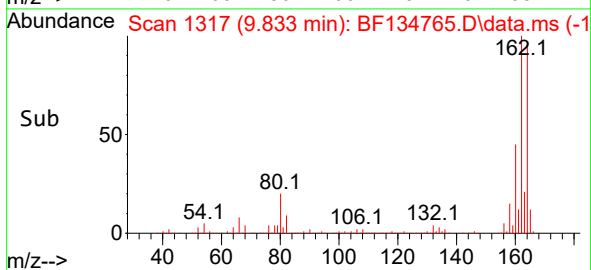
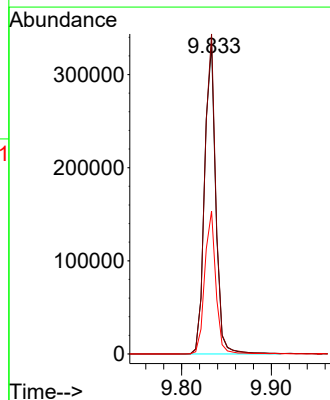
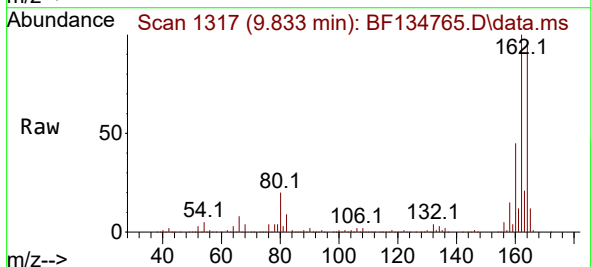
Delta R.T. -0.000 min

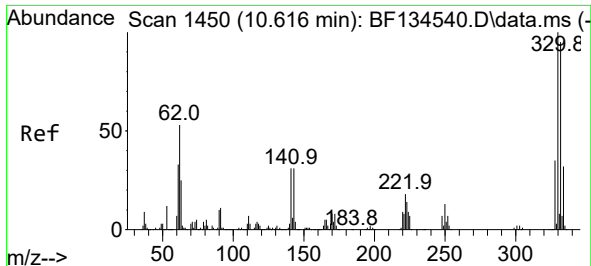
Lab File: BF134765.D

Acq: 14 Aug 2023 18:13

Tgt Ion:164 Resp: 288070

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	46.2	37.2	55.8





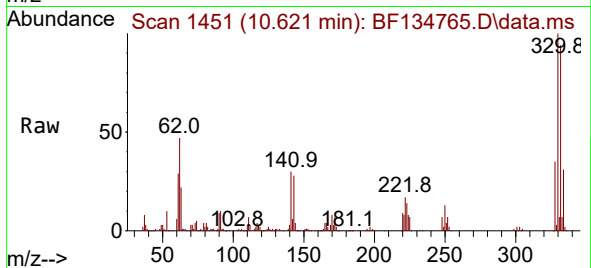
#42
2,4,6-Tribromophenol
Concen: 80.838 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

Instrument :

BNA_F

ClientSampleId :

B-PP25

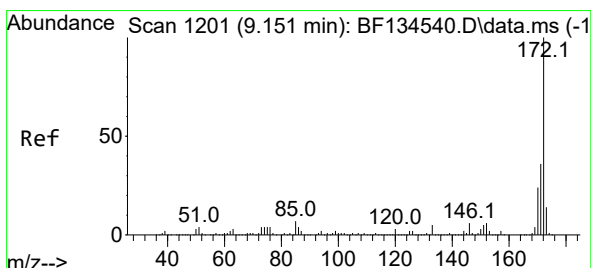
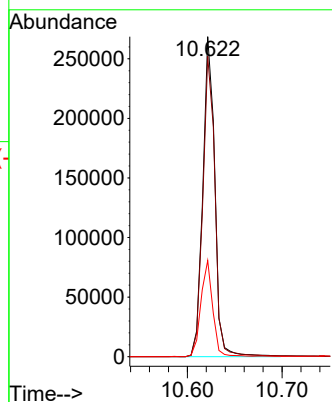
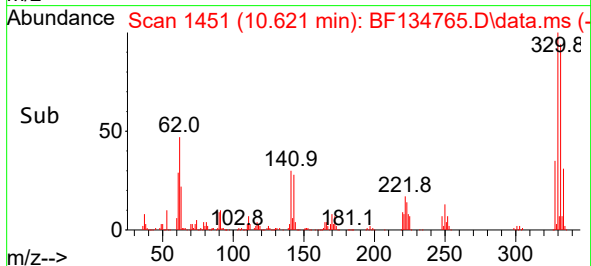


Tgt Ion: 330 Resp: 237390
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 29.7 25.4 38.2

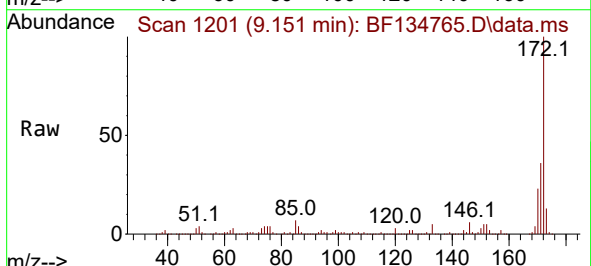
Manual Integrations

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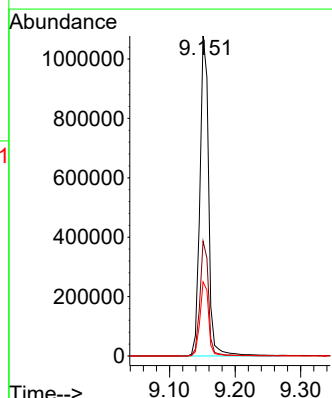
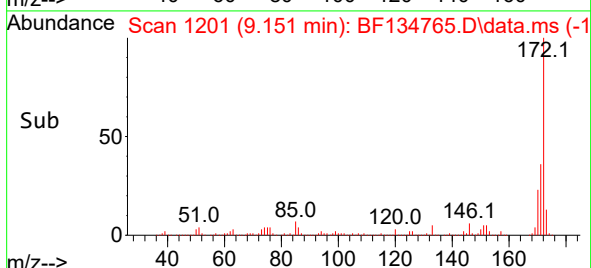
Reviewed By : Yogesh Patel 08/15/2023
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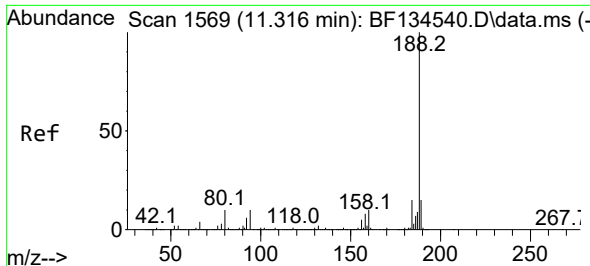


#45
2-Fluorobiphenyl
Concen: 58.064 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13



Tgt Ion: 172 Resp: 1005983
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.1 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: BF134765.D
Acq: 14 Aug 2023 18:13

Instrument :

BNA_F

ClientSampleId :

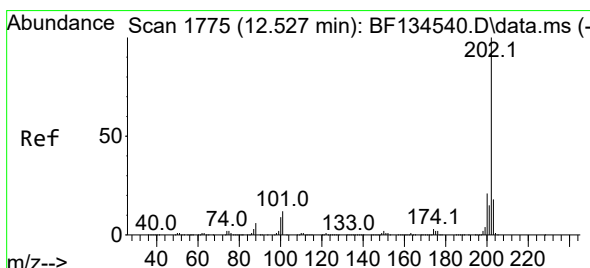
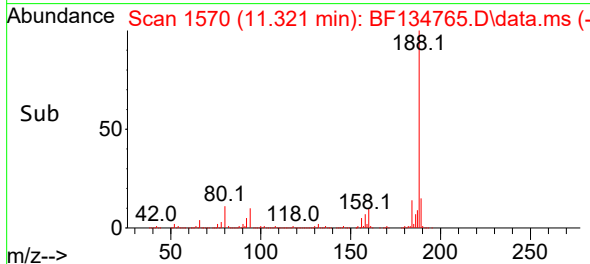
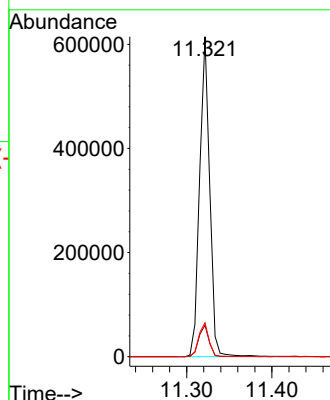
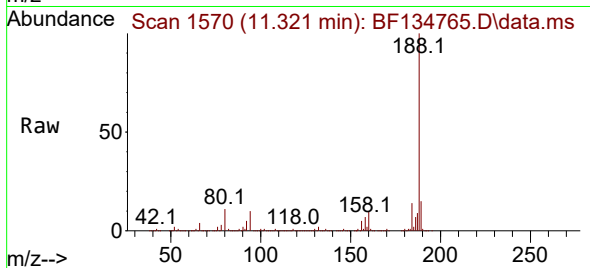
B-PP25

Tgt Ion:188 Resp: 505549
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7
80 10.6 6.6 9.8

Manual Integrations

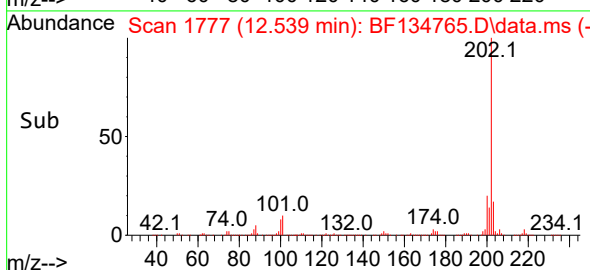
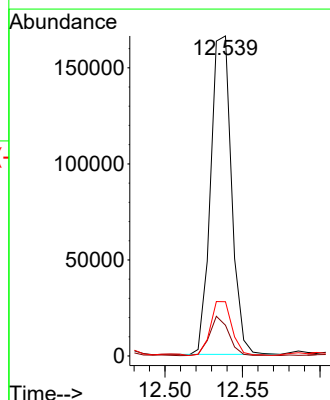
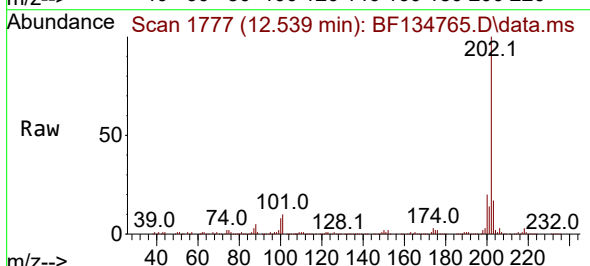
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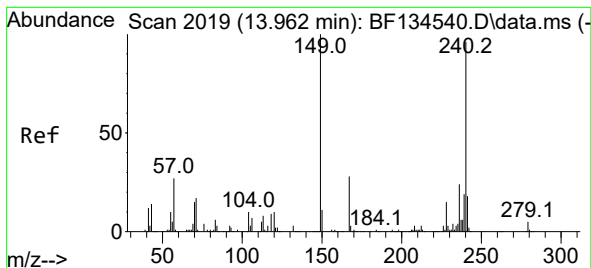
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#75
Fluoranthene
Concen: 5.464 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

Tgt Ion:202 Resp: 154986
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.5
203 17.0 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: BF134765.D

Acq: 14 Aug 2023 18:13

Instrument :

BNA_F

ClientSampleId :

B-PP25

Tgt Ion:240 Resp: 323230

Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0

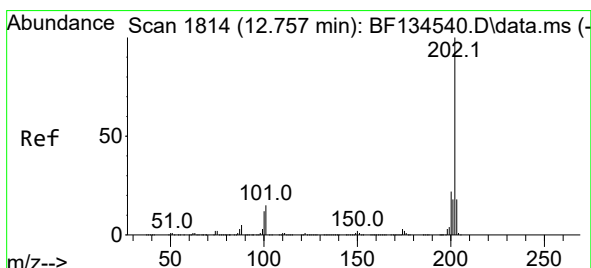
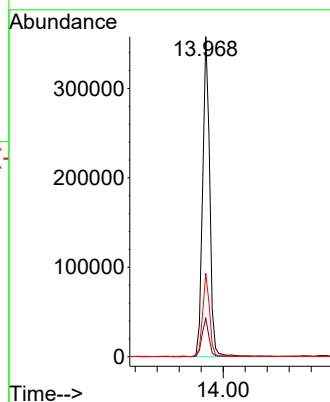
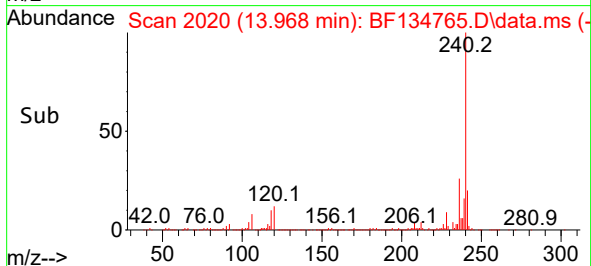
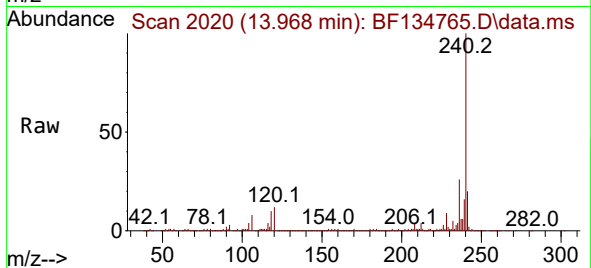
236 26.0 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#78

Pyrene

Concen: 8.355 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF134765.D

Acq: 14 Aug 2023 18:13

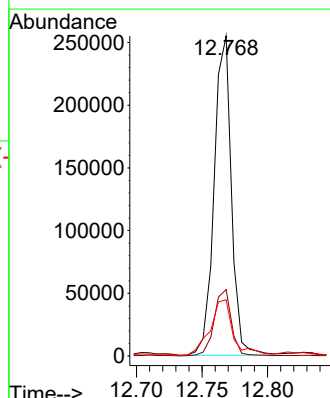
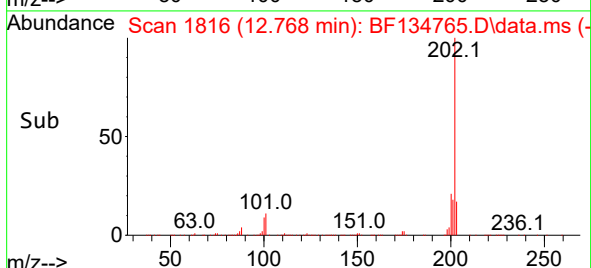
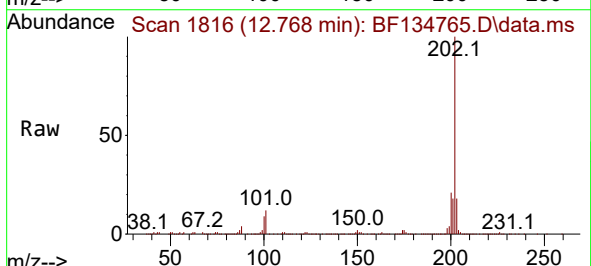
Tgt Ion:202 Resp: 233699

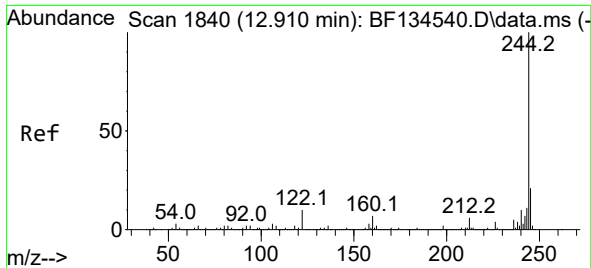
Ion Ratio Lower Upper

202 100

200 20.7 15.8 23.8

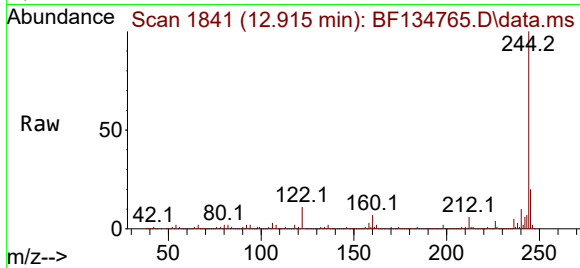
203 17.6 13.5 20.3





#79
Terphenyl-d14
Concen: 52.453 ng
RT: 12.915 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

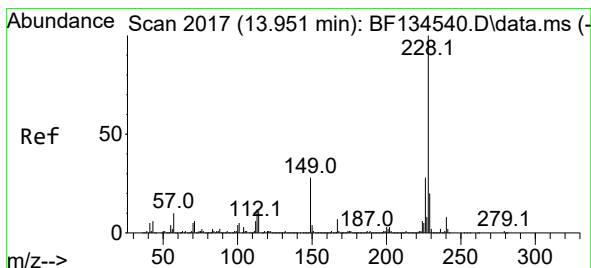
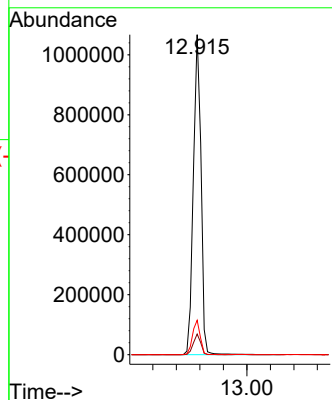
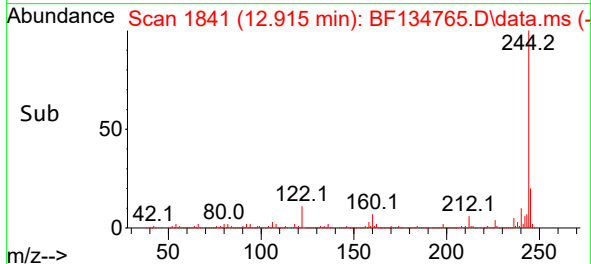
Instrument :
BNA_F
ClientSampleId :
B-PP25



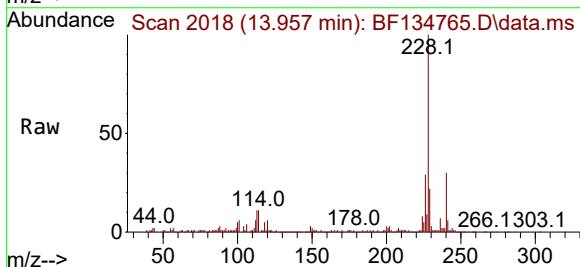
Tgt Ion:244 Resp: 961774
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.8 8.0 12.0

Manual Integrations
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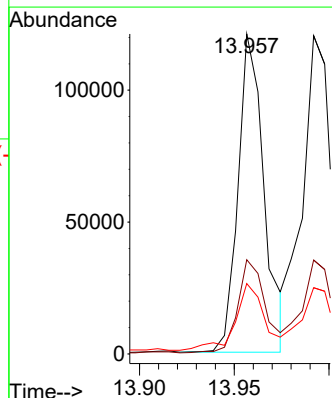
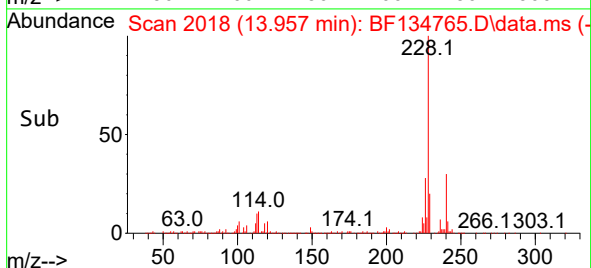
Reviewed By :Yogesh Patel 08/15/2023
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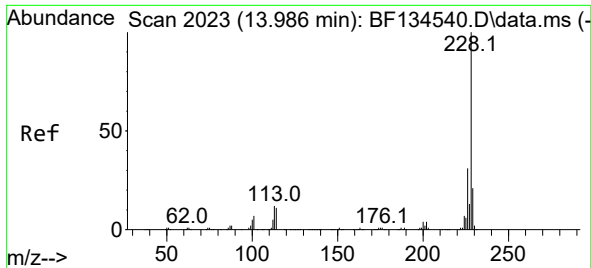


#81
Benzo(a)anthracene
Concen: 4.995 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13



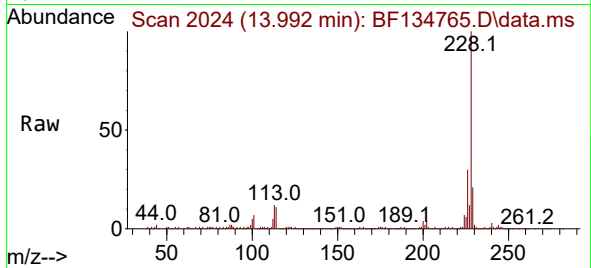
Tgt Ion:228 Resp: 115442
Ion Ratio Lower Upper
228 100
226 29.4 22.3 33.5
229 22.0 15.8 23.6





#83
Chrysene
Concen: 5.626 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

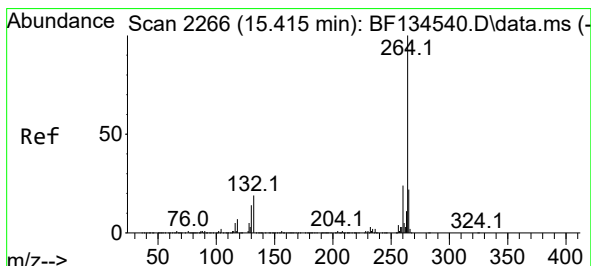
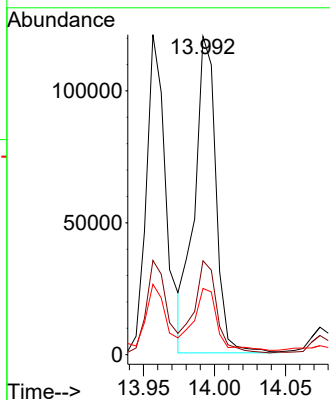
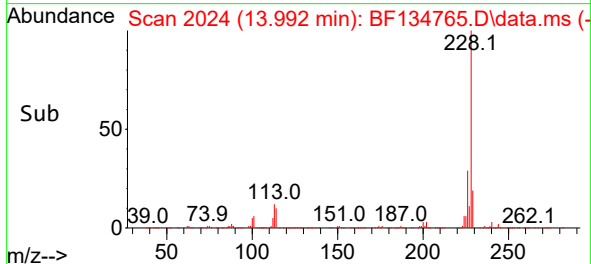
Instrument :
BNA_F
ClientSampleId :
B-PP25



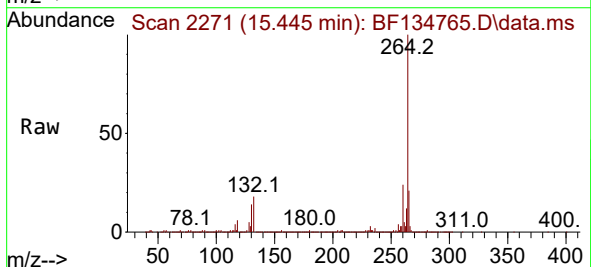
Tgt Ion:228 Resp: 126697
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 20.8 15.8 23.8

Manual Integrations
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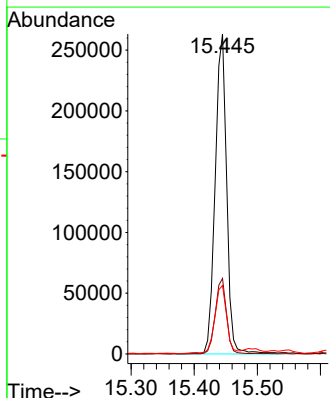
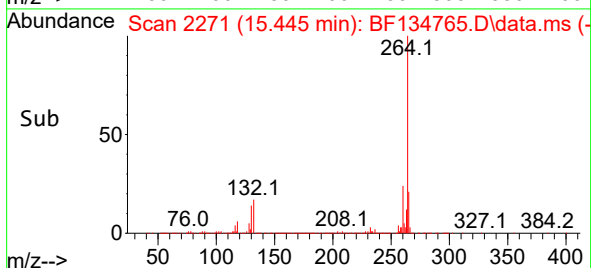
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

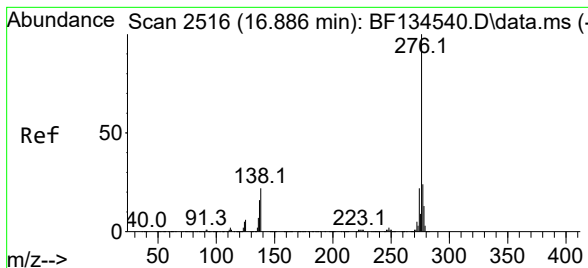


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13



Tgt Ion:264 Resp: 332564
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.4 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.885 ng

RT: 16.927 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF134765.D

Acq: 14 Aug 2023 18:13

Instrument :

BNA_F

ClientSampleId :

B-PP25

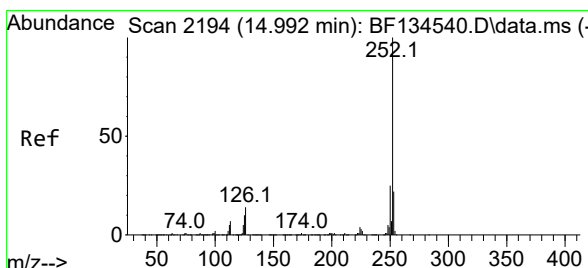
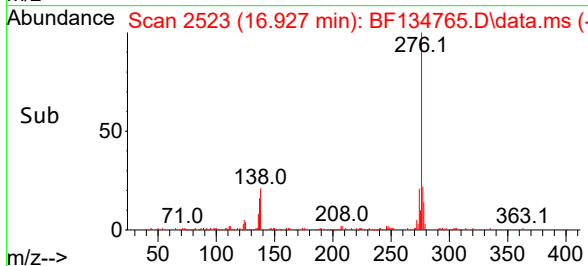
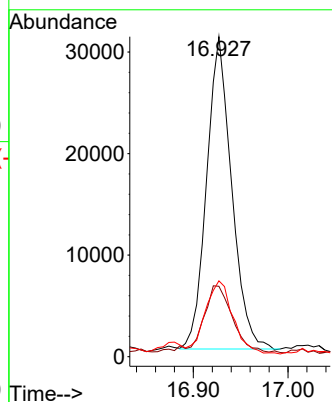
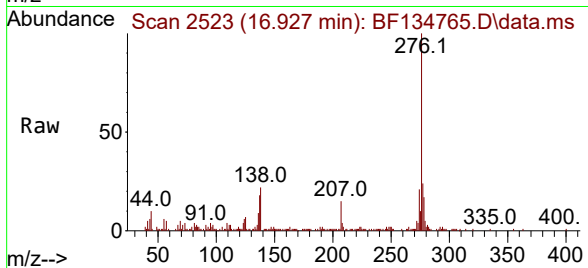
Tgt Ion:	276	Resp:	56428
Ion Ratio	Lower	Upper	
276	100		
138	26.9	14.2	21.4
277	26.3	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#88

Benzo(b)fluoranthene

Concen: 5.980 ng m

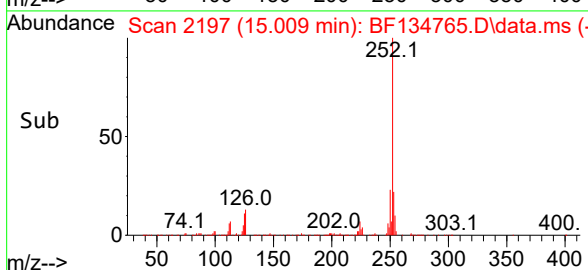
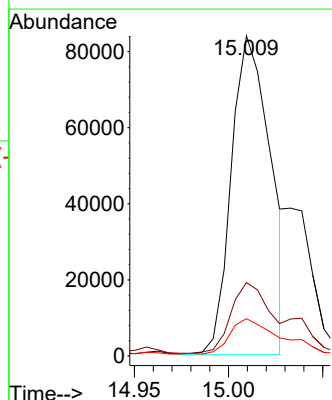
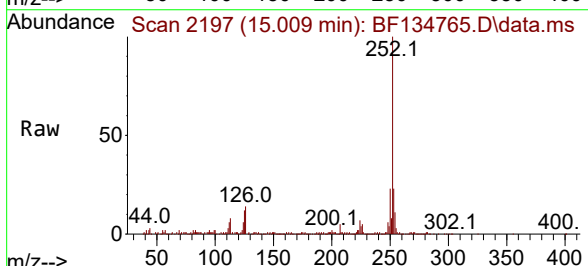
RT: 15.009 min Scan# 2197

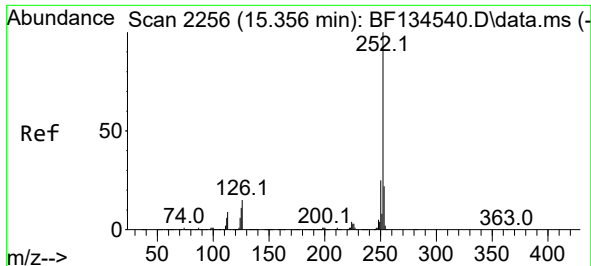
Delta R.T. -0.000 min

Lab File: BF134765.D

Acq: 14 Aug 2023 18:13

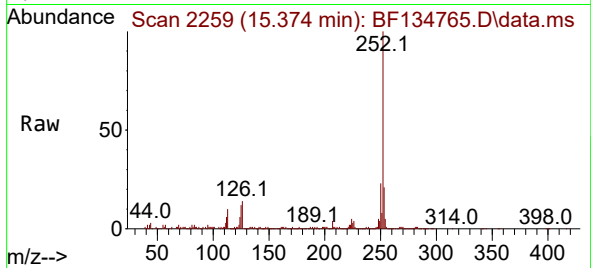
Tgt Ion:	252	Resp:	121281
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.3	25.9
125	11.6	6.0	9.0





#90
Benzo(a)pyrene
Concen: 5.831 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

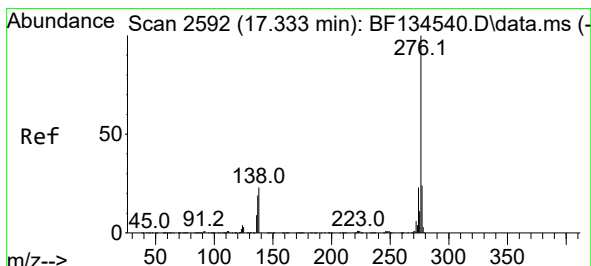
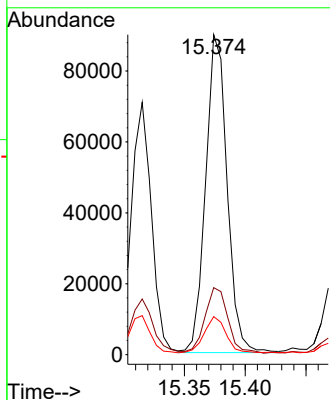
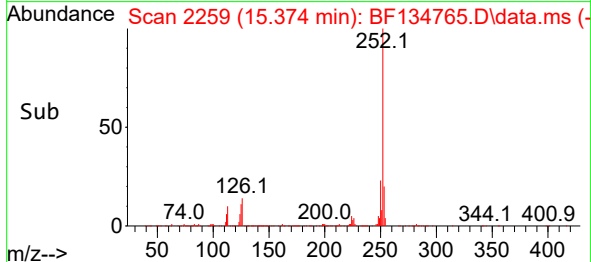
Instrument :
BNA_F
ClientSampleId :
B-PP25



Tgt Ion:252 Resp: 110279
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.4
125 11.9 6.2 9.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#92
Benzo(g,h,i)perylene
Concen: 4.405 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF134765.D
Acq: 14 Aug 2023 18:13

Tgt Ion:276 Resp: 71021
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 21.3 12.2 18.2

