

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134618.D
 Acq On : 03 Aug 2023 18:53
 Operator : CG\JU
 Sample : 03686-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-0-2-20230721

Quant Time: Aug 04 01:10:39 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	164971	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	583713	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	250540	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	459527	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	265541	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	231291	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	828917	76.379	ng	0.00
7) Phenol-d6	6.428	99	1008934	72.726	ng	0.00
23) Nitrobenzene-d5	7.357	82	549203	58.798	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	216039	84.588	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	949654	63.023	ng	0.00
79) Terphenyl-d14	12.916	244	1027900	68.240	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.551	163	180273	10.557	ng	98
71) Phenanthrene	11.339	178	97050	3.976	ng	99
75) Fluoranthene	12.533	202	188567	7.314	ng	97
78) Pyrene	12.763	202	173406	7.547	ng	98
81) Benzo(a)anthracene	13.957	228	68059m	3.584	ng	
83) Chrysene	13.992	228	75180	4.064	ng	96
84) Bis(2-ethylhexyl)phtha...	13.963	149	30388m	3.323	ng	
87) Indeno(1,2,3-cd)pyrene	16.909	276	29102	2.139	ng	94
88) Benzo(b)fluoranthene	15.004	252	83654m	5.930	ng	
89) Benzo(k)fluoranthene	15.027	252	28157m	2.004	ng	
90) Benzo(a)pyrene	15.368	252	48611	3.696	ng	# 89
92) Benzo(g,h,i)perylene	17.362	276	27684	2.469	ng	# 80

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

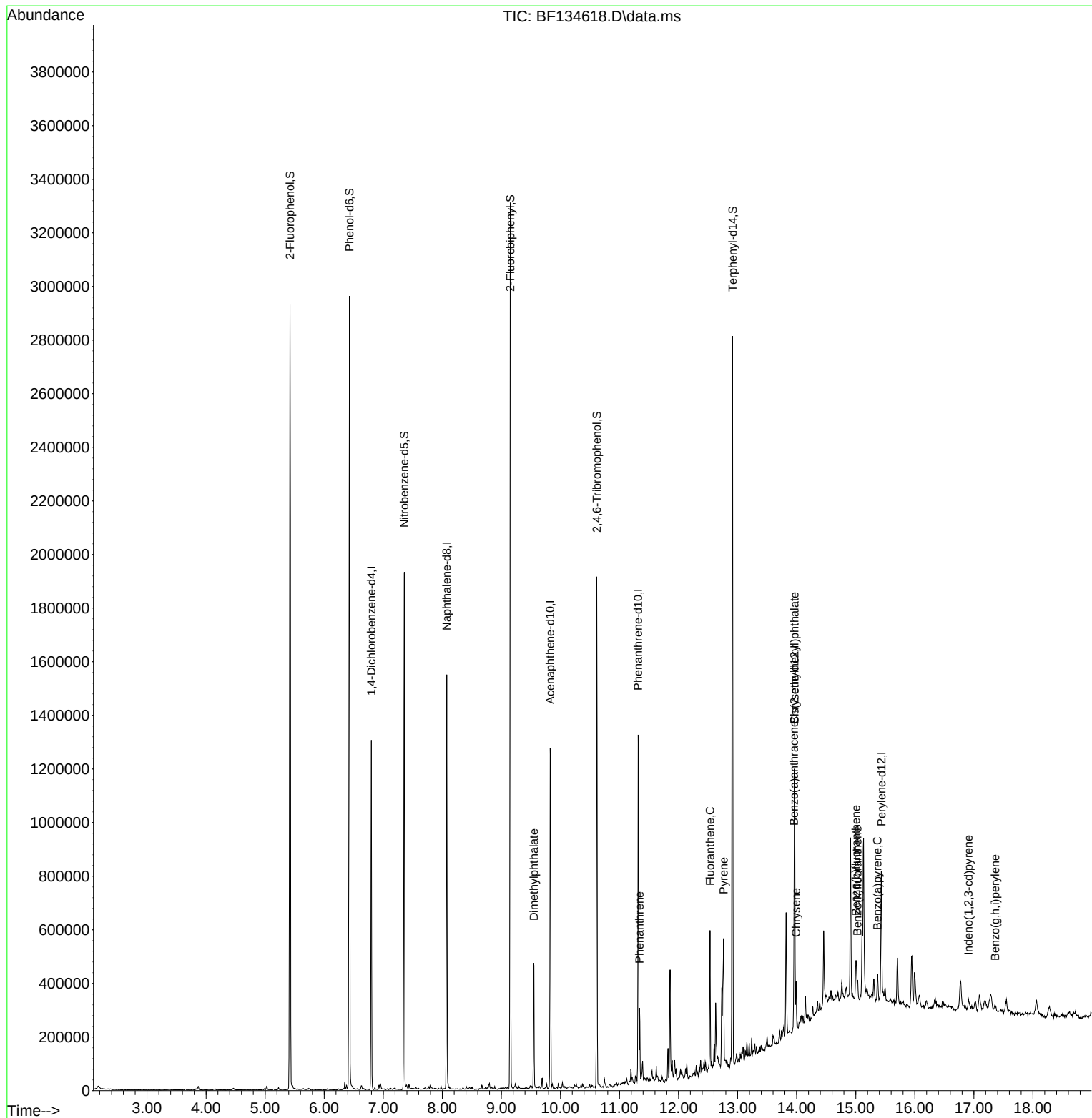
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134618.D
Acq On : 03 Aug 2023 18:53
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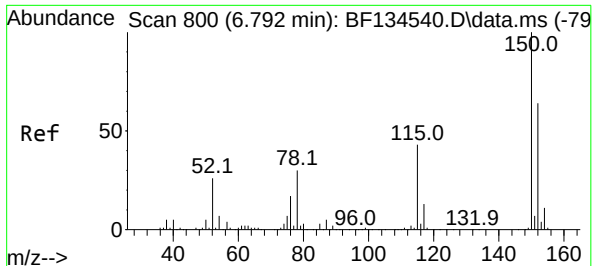
Instrument :
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Quant Time: Aug 04 01:10:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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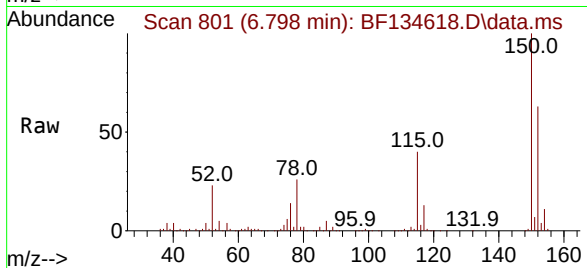
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

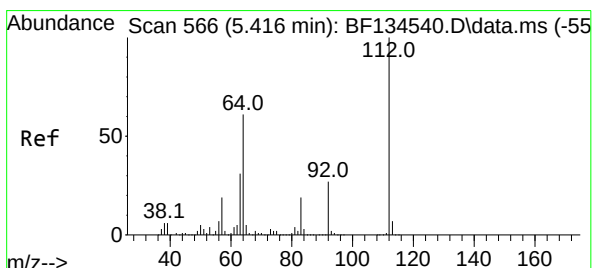
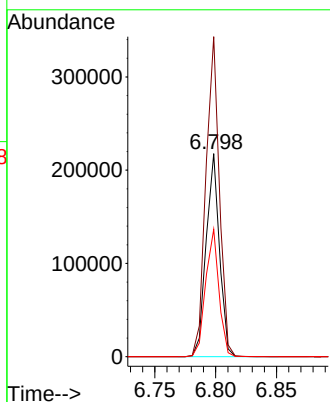
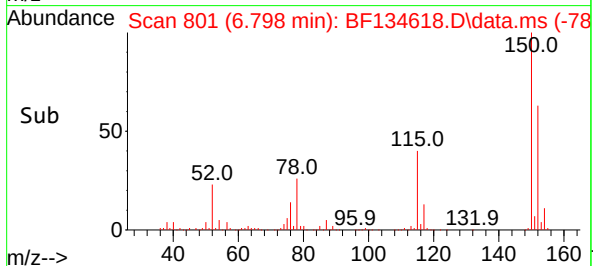
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



Tgt Ion:152 Resp: 16497
Ion Ratio Lower Upper
152 100
150 157.6 128.3 192.5
115 62.7 52.4 78.6

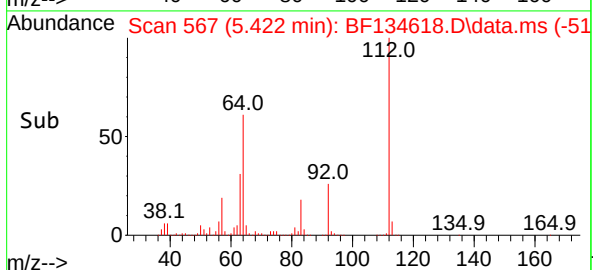
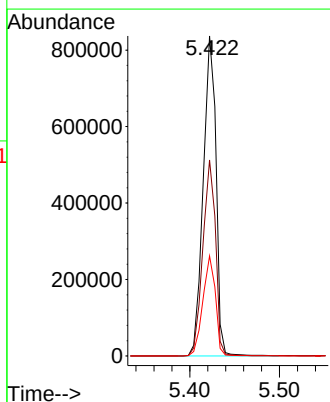
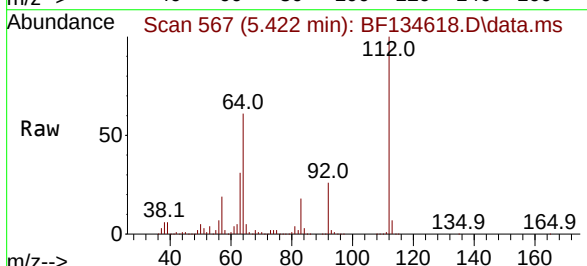
Manual Integrations
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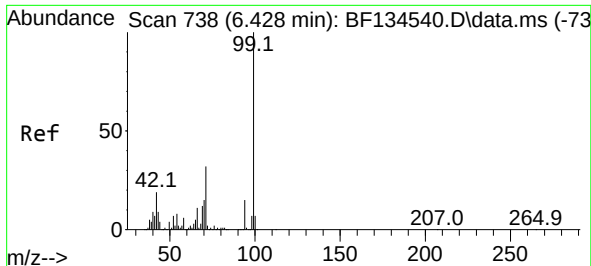
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#5
2-Fluorophenol
Concen: 76.379 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

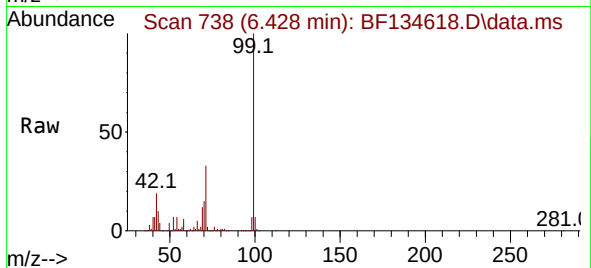
Tgt Ion:112 Resp: 828917
Ion Ratio Lower Upper
112 100
64 61.3 44.9 67.3
63 31.2 25.4 38.0





#7
Phenol-d6
Concen: 72.726 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

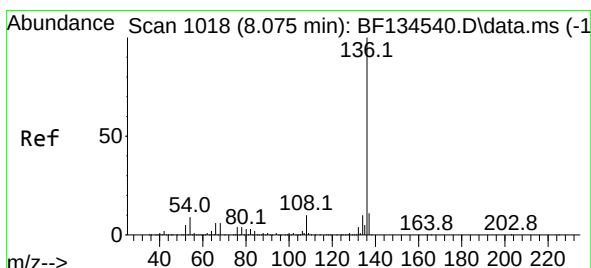
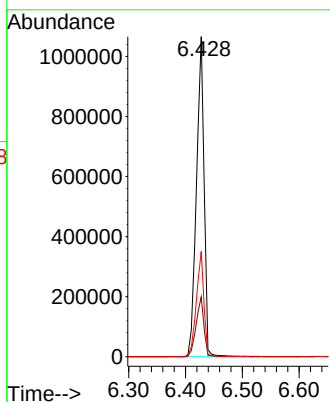
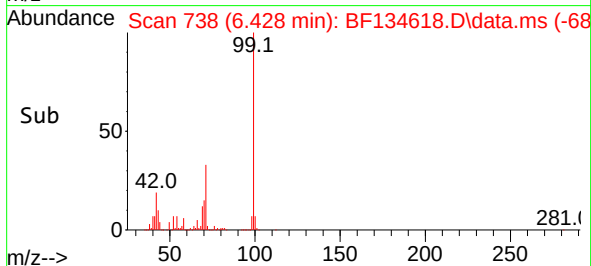
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



Tgt Ion: 99 Resp: 1008934
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 32.9 36.4 54.6#

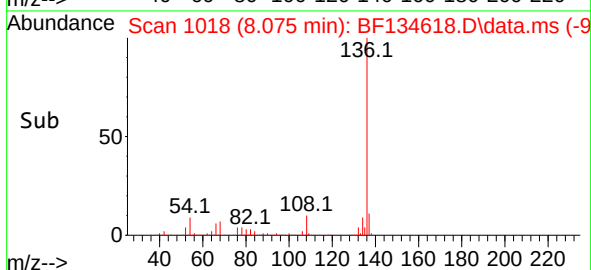
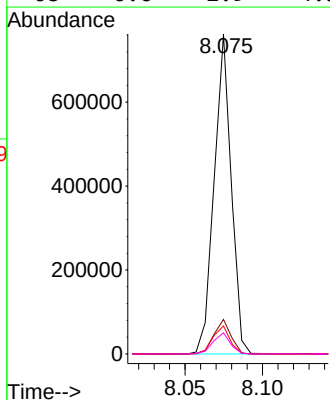
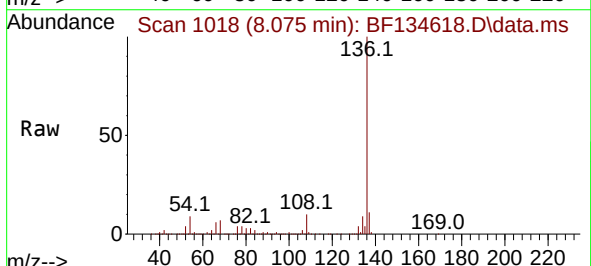
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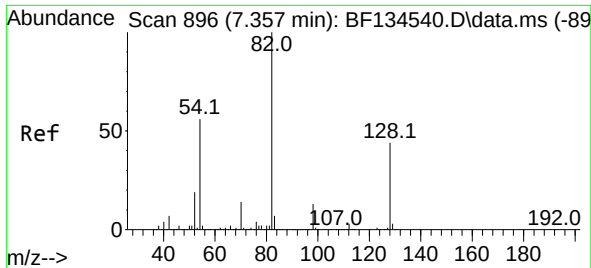
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

Tgt Ion:136 Resp: 583713
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.8 5.2 7.8#
68 6.6 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 58.798 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:53

Instrument :

BNA_F

ClientSampleId :

SB-29-0-2-20230721

Tgt Ion: 82 Resp: 54920

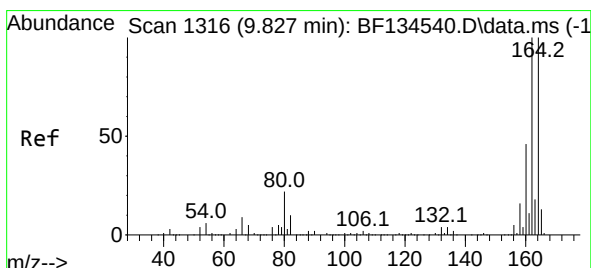
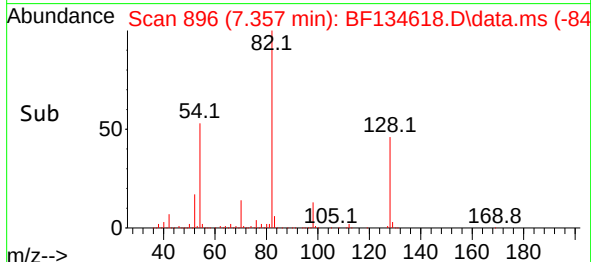
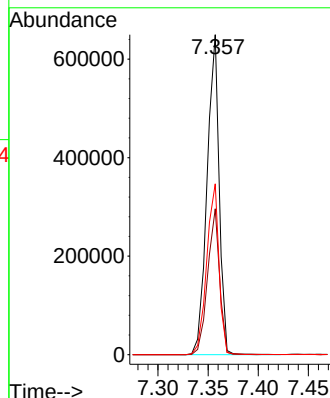
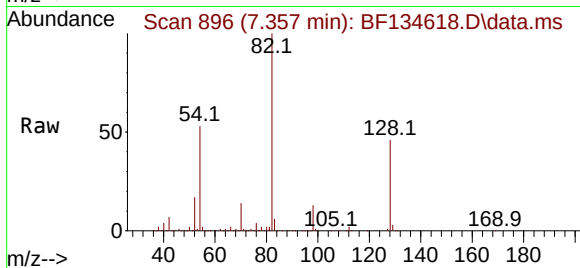
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.3	51.5
54	53.4	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/04/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

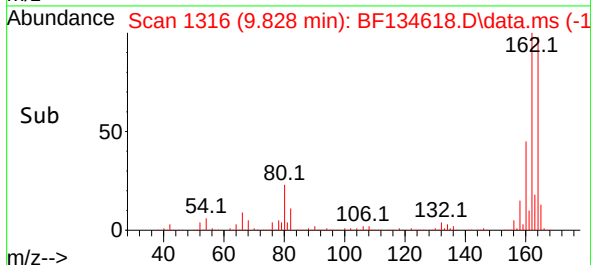
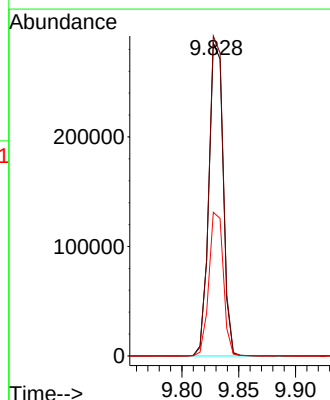
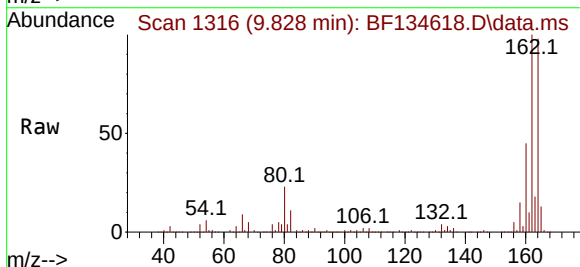
Delta R.T. 0.000 min

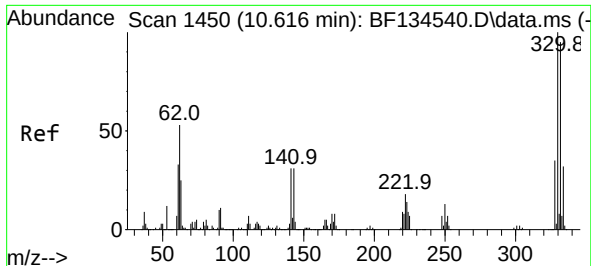
Lab File: BF134618.D

Acq: 03 Aug 2023 18:53

Tgt Ion:164 Resp: 250540

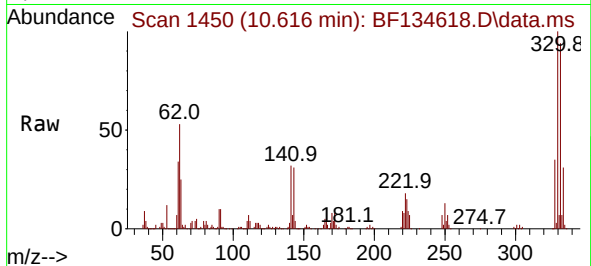
Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.9	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 84.588 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

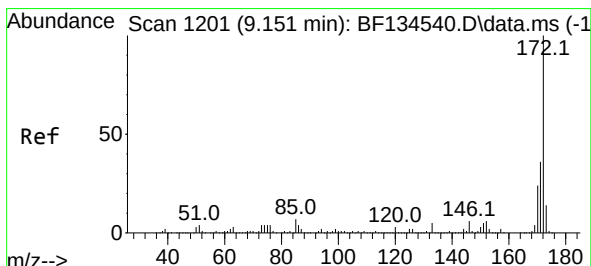
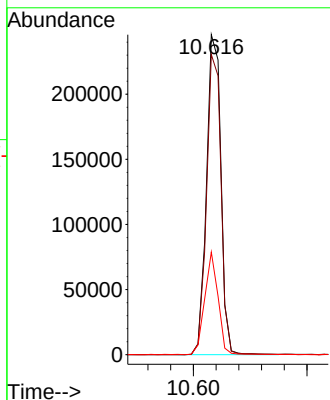
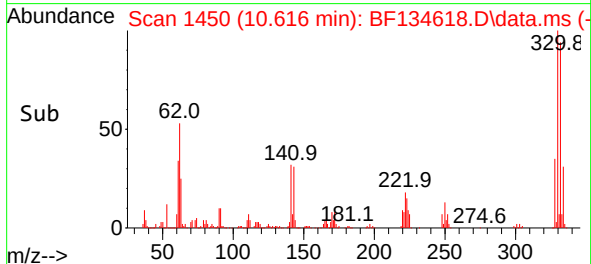
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



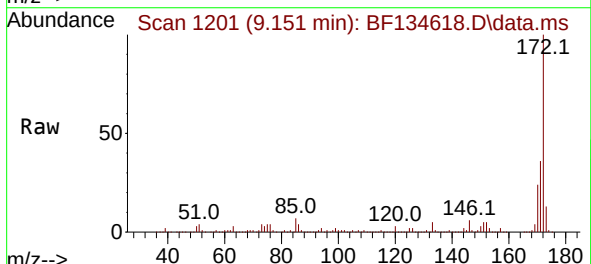
Tgt Ion: 330 Resp: 216039
Ion Ratio Lower Upper
330 100
332 94.1 78.8 118.2
141 29.8 25.4 38.2

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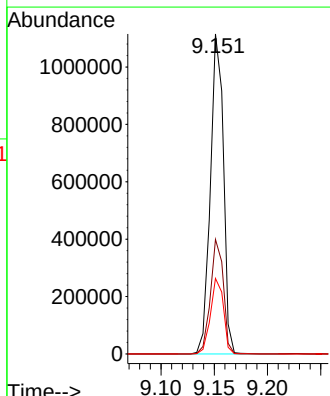
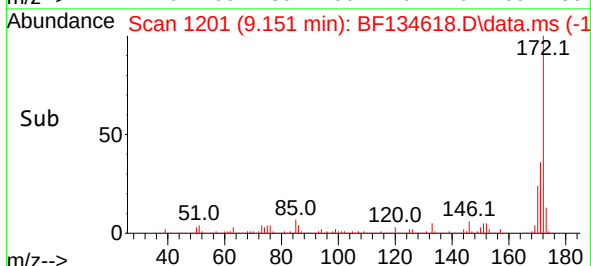
Reviewed By : Yogesh Patel 08/04/2023
Supervised By : mohammad ahmed 08/04/2023

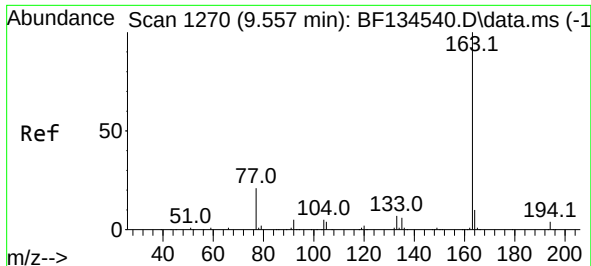


#45
2-Fluorobiphenyl
Concen: 63.023 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53



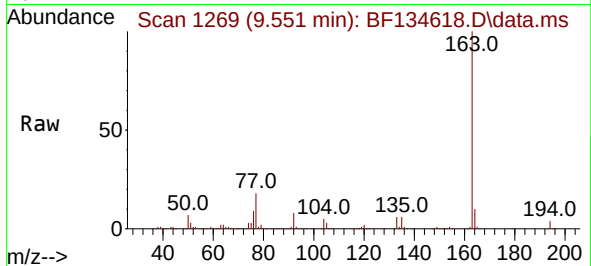
Tgt Ion: 172 Resp: 949654
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.7 28.1





#50
Dimethylphthalate
Concen: 10.557 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

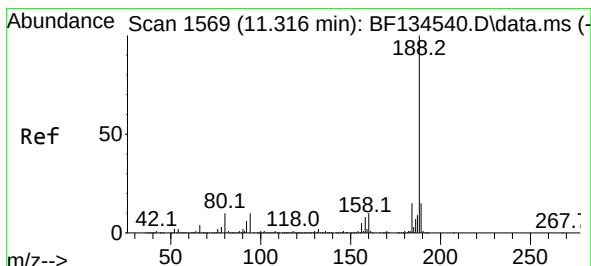
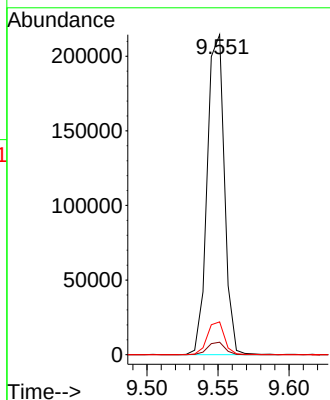
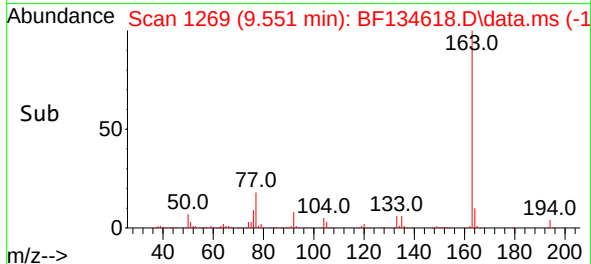
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ClientSampleId :
SB-29-0-2-20230721



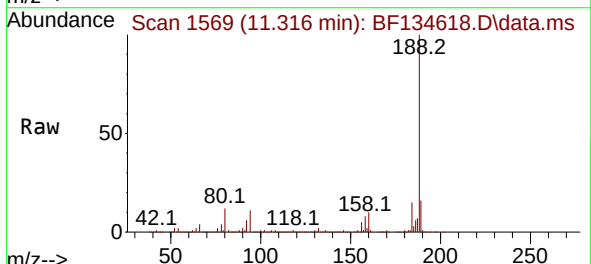
Tgt Ion:163 Resp: 18027
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 7.5 11.3

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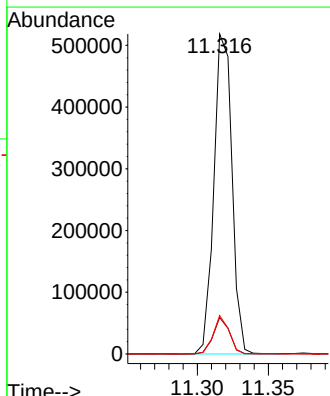
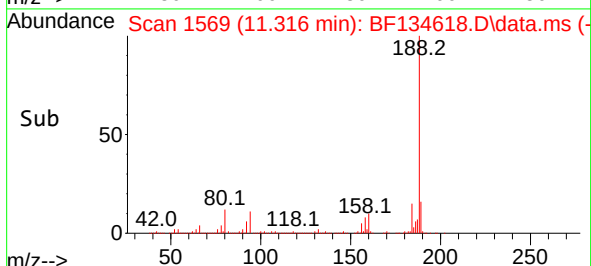
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

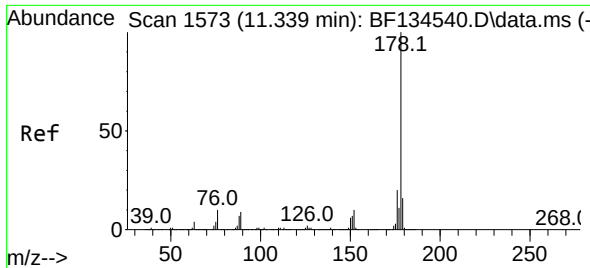


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53



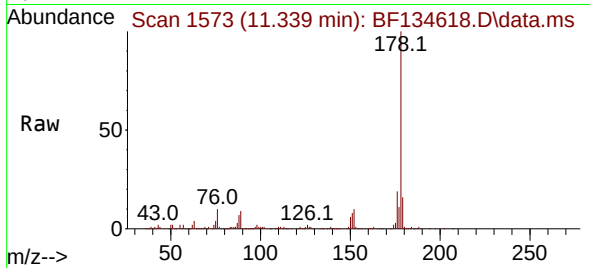
Tgt Ion:188 Resp: 459527
Ion Ratio Lower Upper
188 100
94 11.3 5.1 7.7#
80 12.0 6.6 9.8#





#71
Phenanthrene
Concen: 3.976 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

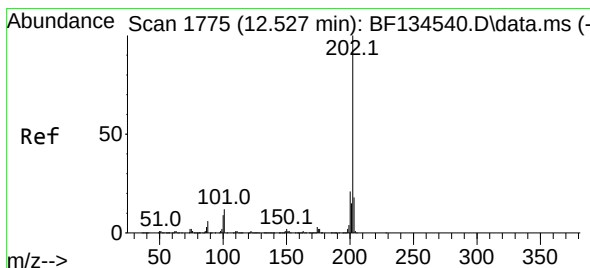
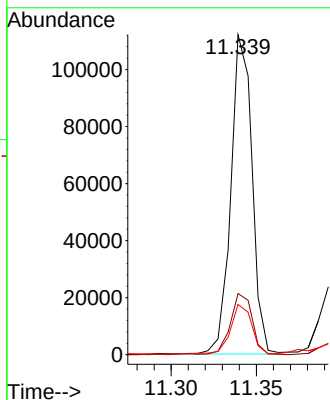
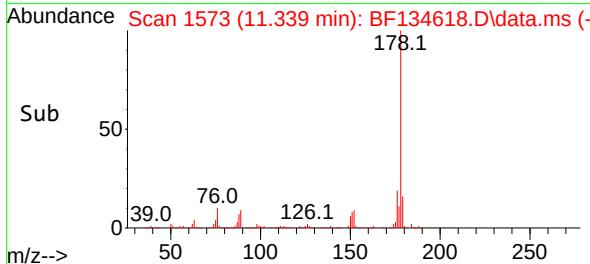
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



Tgt Ion:178 Resp: 97050
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.7 12.7 19.1

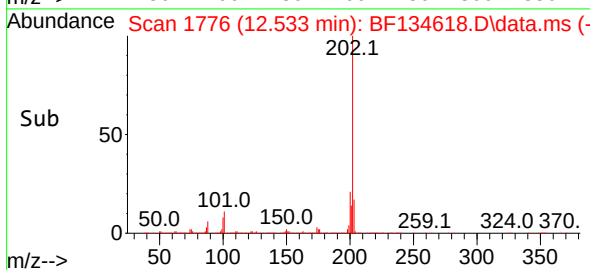
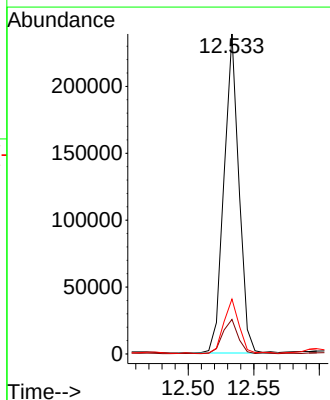
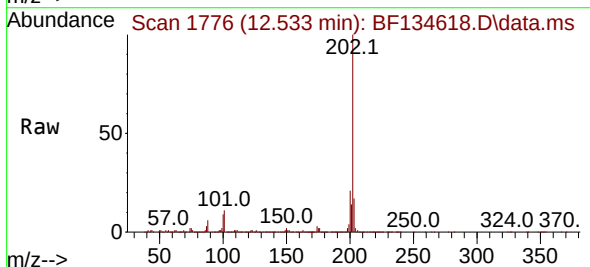
Manual Integrations
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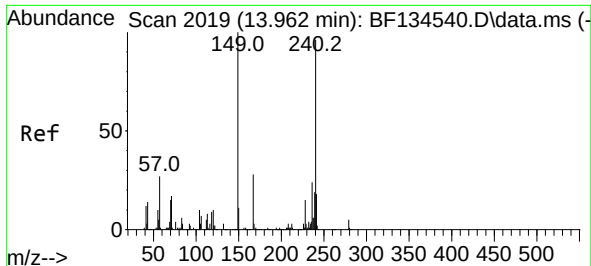
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#75
Fluoranthene
Concen: 7.314 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

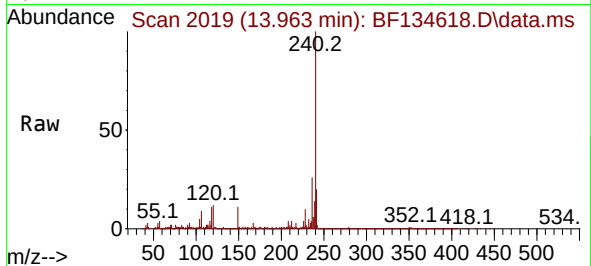
Tgt Ion:202 Resp: 188567
Ion Ratio Lower Upper
202 100
101 10.8 0.0 28.5
203 17.1 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

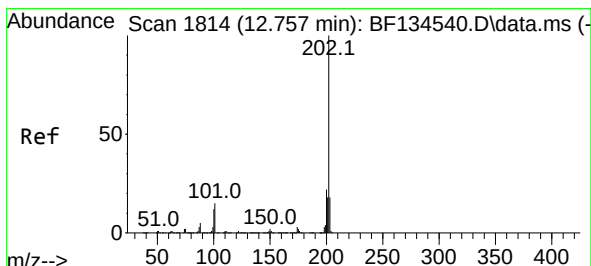
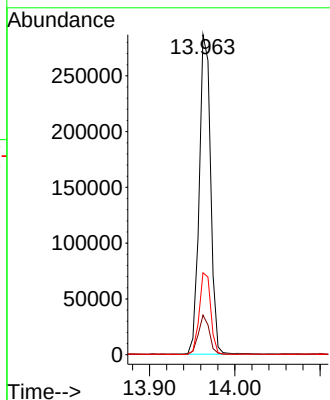
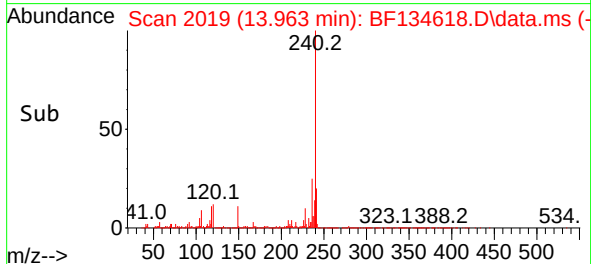
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



Tgt Ion:240 Resp: 26554
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0
236 25.6 20.2 30.2

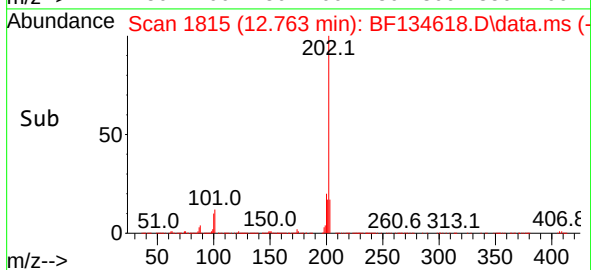
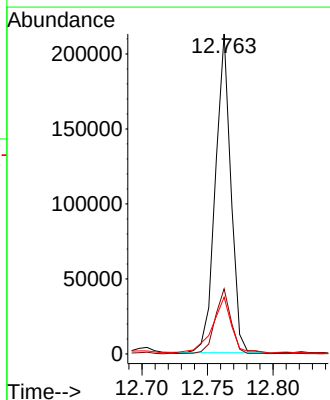
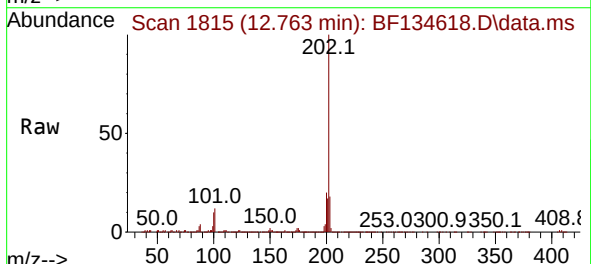
Manual Integrations
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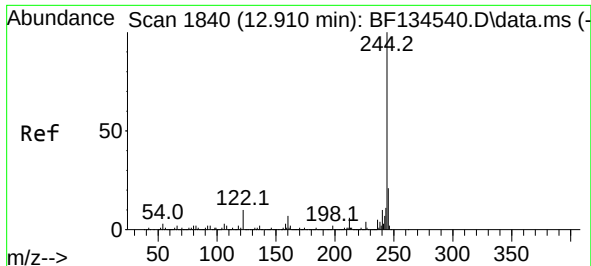
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#78
Pyrene
Concen: 7.547 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

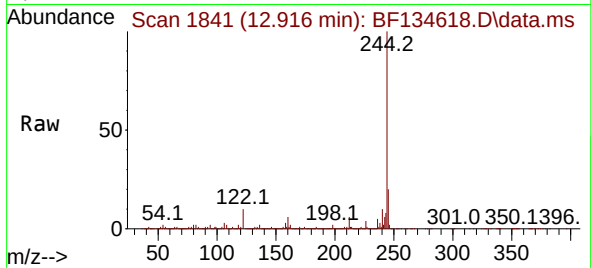
Tgt Ion:202 Resp: 173406
Ion Ratio Lower Upper
202 100
200 20.4 15.8 23.8
203 17.8 13.5 20.3





#79
Terphenyl-d14
Concen: 68.240 ng
RT: 12.916 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

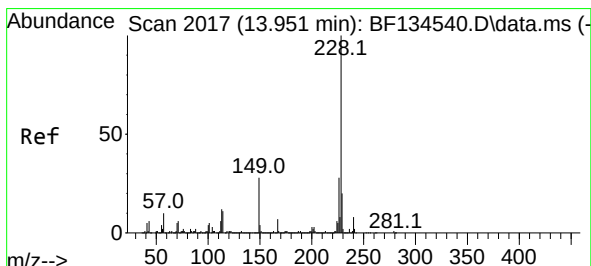
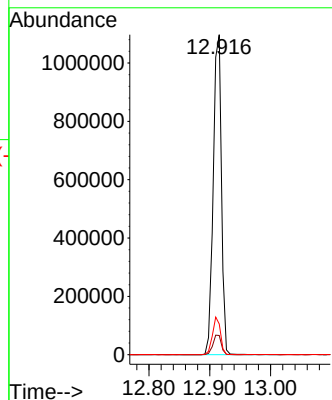
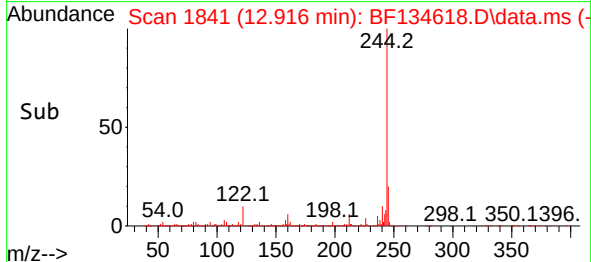
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



Tgt Ion:244 Resp: 1027900
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 9.6 8.0 12.0

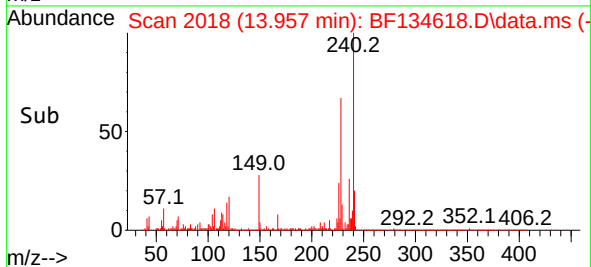
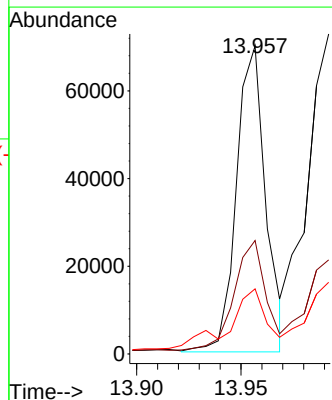
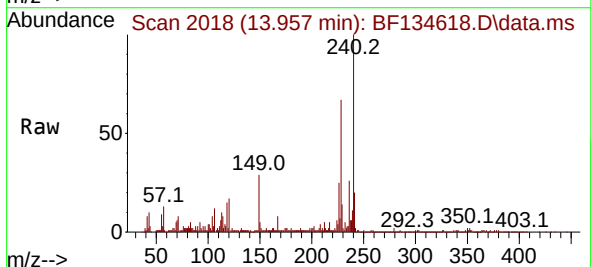
Manual Integrations
APPROVED

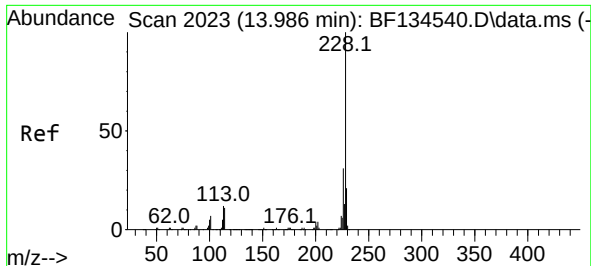
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#81
Benzo(a)anthracene
Concen: 3.584 ng m
RT: 13.957 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

Tgt Ion:228 Resp: 68059
Ion Ratio Lower Upper
228 100
226 36.8 22.3 33.5#
229 21.1 15.8 23.6





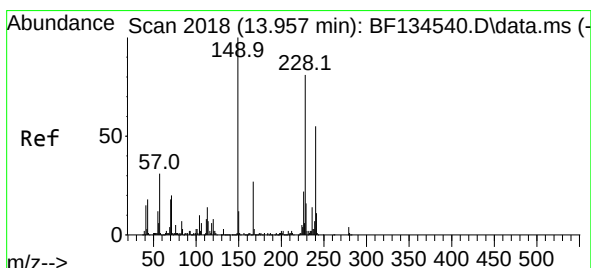
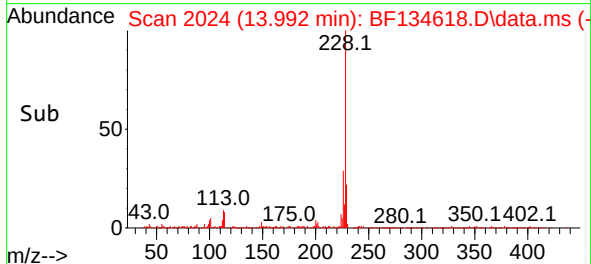
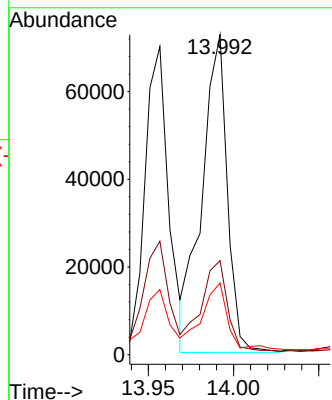
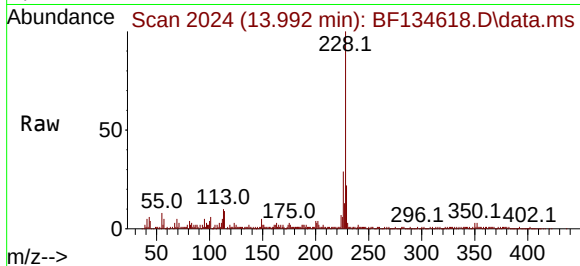
#83
Chrysene
Concen: 4.064 ng
RT: 13.992 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721

Tgt Ion:228 Resp: 75180
Ion Ratio Lower Upper
228 100
226 29.4 24.5 36.7
229 22.4 15.8 23.8

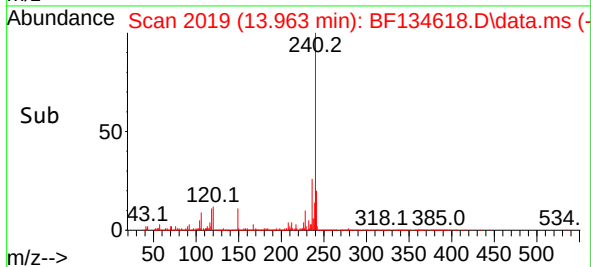
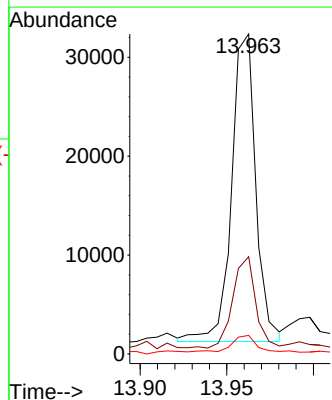
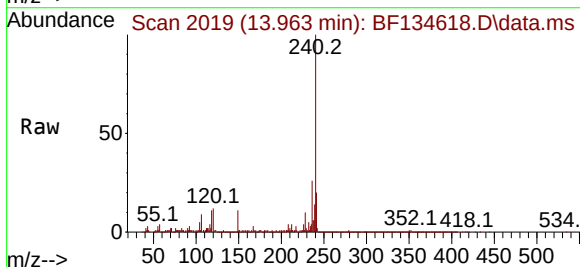
Manual Integrations
APPROVED

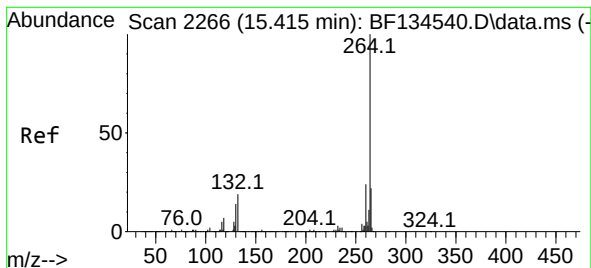
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.323 ng m
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

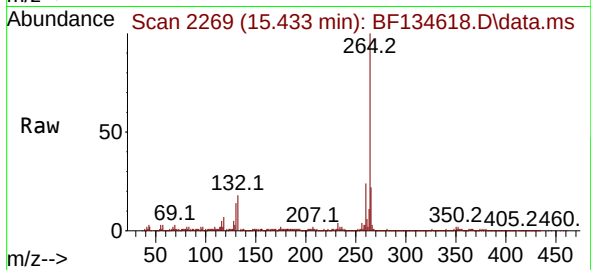
Tgt Ion:149 Resp: 30388
Ion Ratio Lower Upper
149 100
167 30.4 21.6 32.4
279 5.8 3.5 5.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

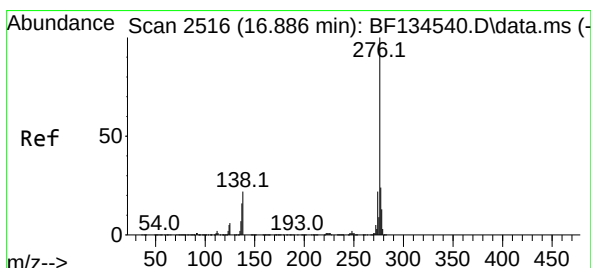
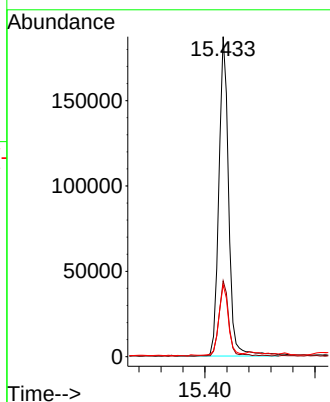
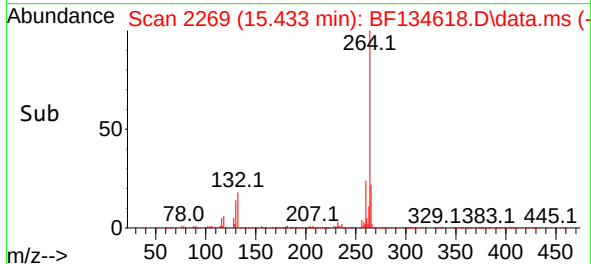
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



Tgt Ion:264 Resp: 23129
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.4 15.8 23.8

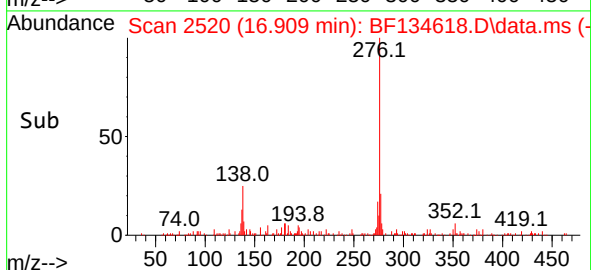
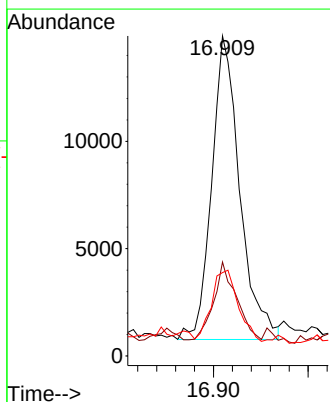
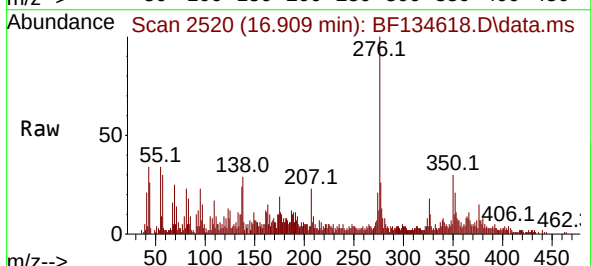
Manual Integrations
APPROVED

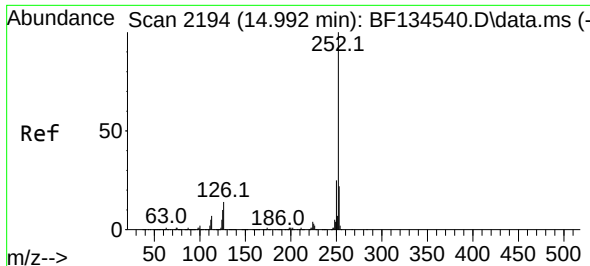
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.139 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.024 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

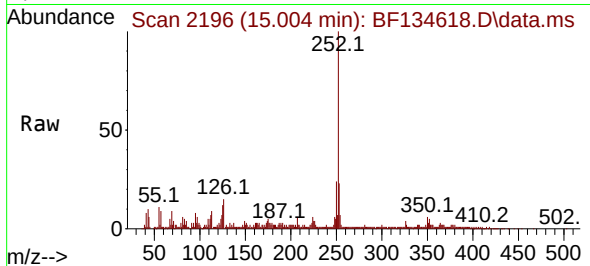
Tgt Ion:276 Resp: 29102
Ion Ratio Lower Upper
276 100
138 21.3 14.2 21.4
277 22.3 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 5.930 ng m
RT: 15.004 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

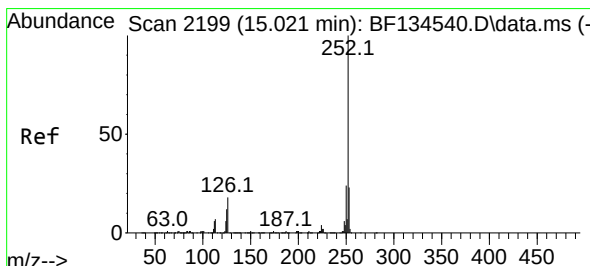
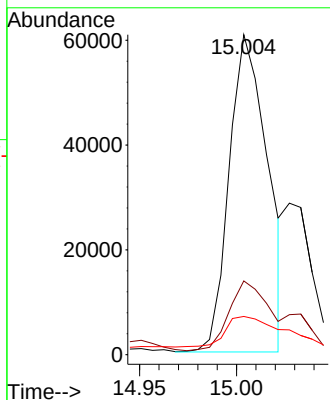
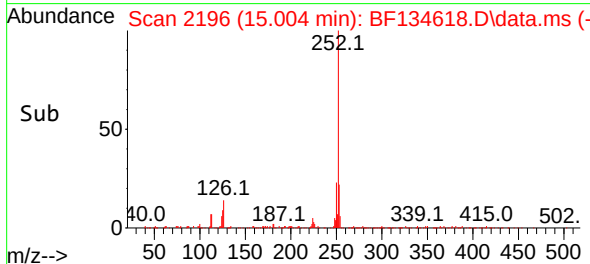
Instrument :
BNA_F
ClientSampleId :
SB-29-0-2-20230721



Tgt Ion:252 Resp: 83654
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 12.0 6.0 9.0

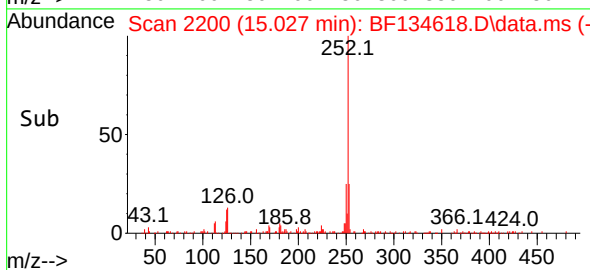
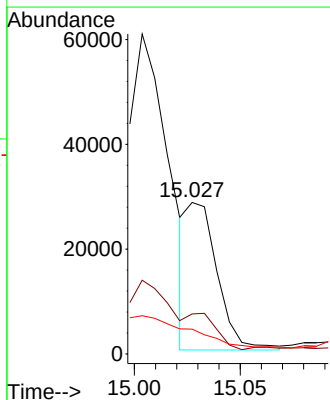
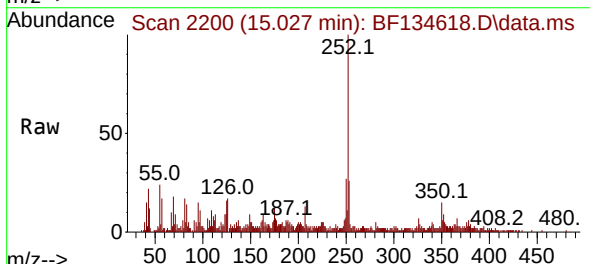
Manual Integrations
APPROVED

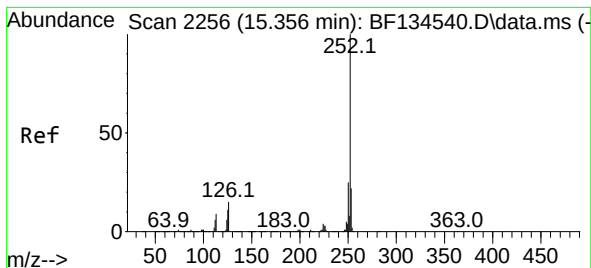
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#89
Benzo(k)fluoranthene
Concen: 2.004 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF134618.D
Acq: 03 Aug 2023 18:53

Tgt Ion:252 Resp: 28157
Ion Ratio Lower Upper
252 100
253 26.4 17.9 26.9
125 16.3 6.3 9.5





#90

Benzo(a)pyrene

Concen: 3.696 ng

RT: 15.368 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:53

Instrument :

BNA_F

ClientSampleId :

SB-29-0-2-20230721

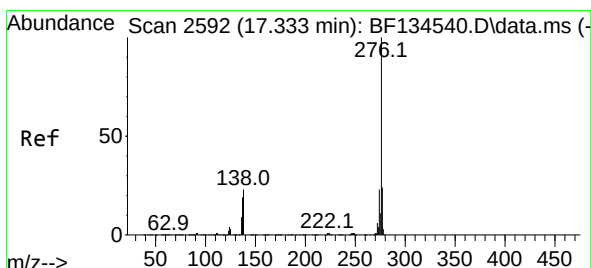
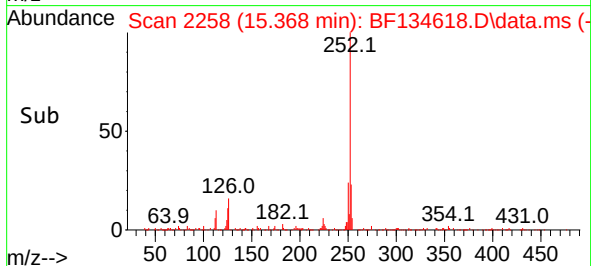
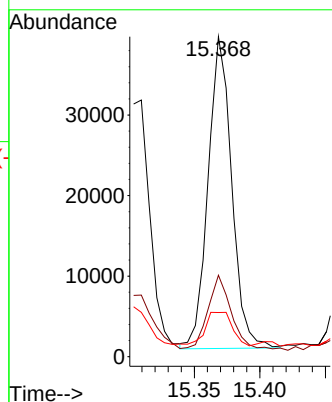
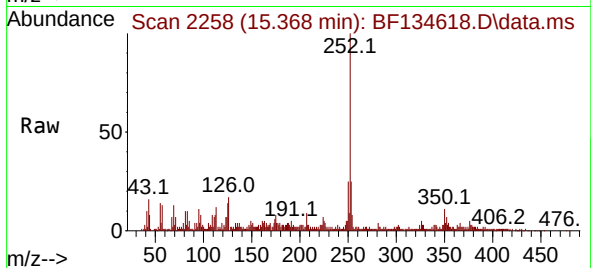
Tgt Ion:	252	Resp:	4861
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.0	25.4
125	13.8	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#92

Benzo(g,h,i)perylene

Concen: 2.469 ng

RT: 17.362 min Scan# 2597

Delta R.T. 0.030 min

Lab File: BF134618.D

Acq: 03 Aug 2023 18:53

Tgt Ion:	276	Resp:	27684
Ion Ratio	Lower	Upper	
276	100		
277	27.4	19.0	28.6
138	31.6	12.2	18.2

