

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134947.D
 Acq On : 25 Aug 2023 18:34
 Operator : CG\JU
 Sample : 04110-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-01(0-0.2)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 02:50:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	87741	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	339876	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	159579	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	278402	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	179560	20.000	ng	-0.01
86) Perylene-d12	15.445	264	157178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	571116	103.798	ng	0.00
7) Phenol-d6	6.422	99	710549	101.063	ng	-0.02
23) Nitrobenzene-d5	7.351	82	424976	68.901	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	159893	85.075	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	760405	73.663	ng	-0.01
79) Terphenyl-d14	12.915	244	755636	57.881	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.339	178	46163	3.164	ng	98
75) Fluoranthene	12.533	202	63579	4.600	ng	98
78) Pyrene	12.763	202	61588	3.235	ng	98
81) Benzo(a)anthracene	13.962	228	26162	2.136	ng	95
83) Chrysene	13.998	228	26547m	2.196	ng	
88) Benzo(b)fluoranthene	15.015	252	32625m	3.679	ng	
90) Benzo(a)pyrene	15.380	252	20855	2.356	ng	# 92

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

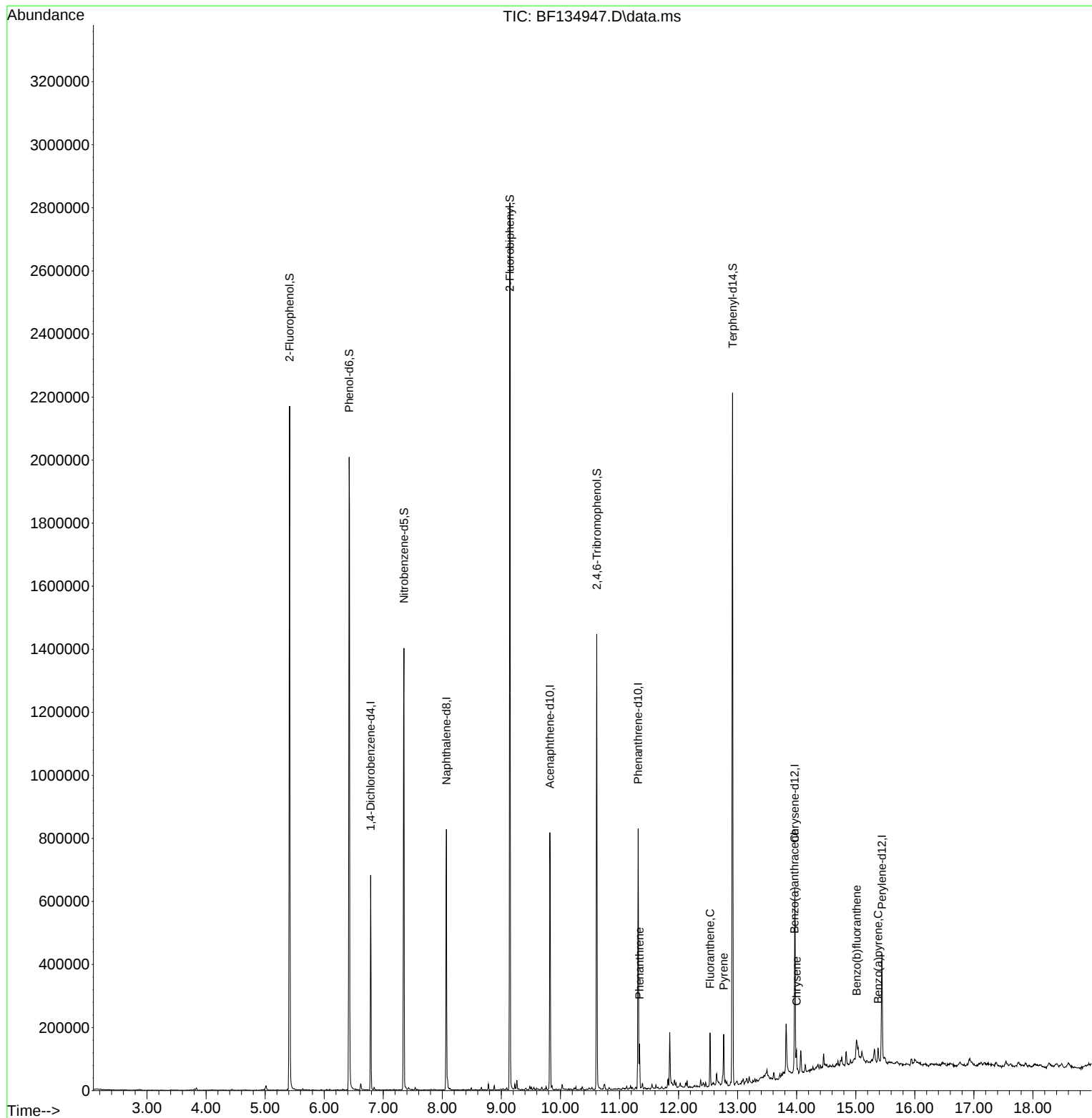
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134947.D
Acq On : 25 Aug 2023 18:34
Operator : CG\JU
Sample : 04110-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

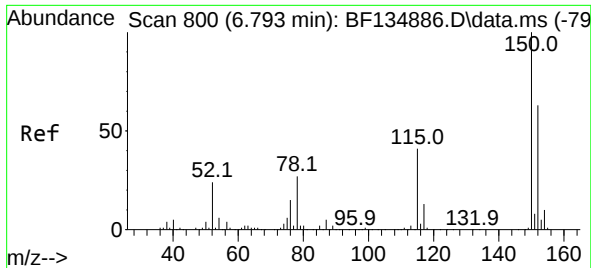
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)

Quant Time: Aug 26 02:50:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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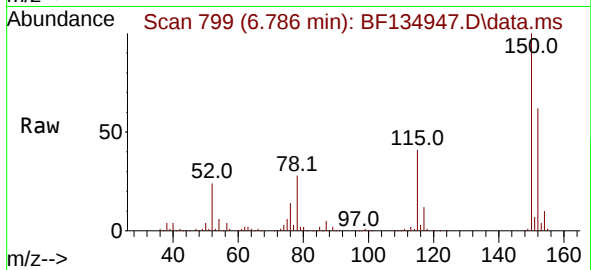
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.007 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

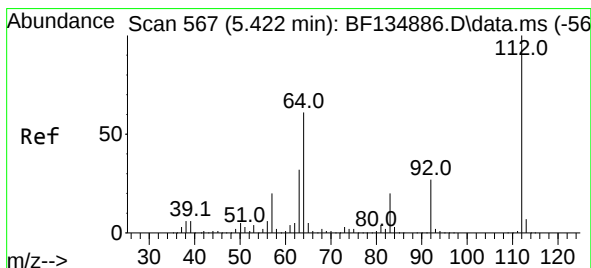
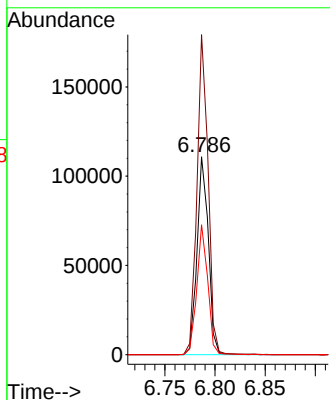
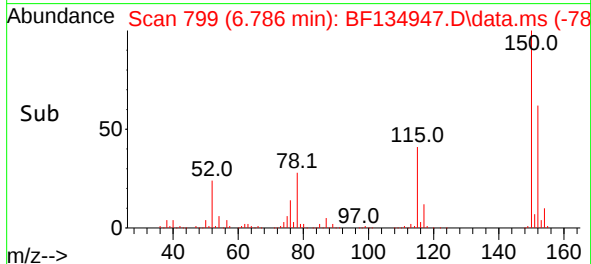
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion:152 Resp: 8774
Ion Ratio Lower Upper
152 100
150 161.7 126.1 189.1
115 65.6 51.1 76.7

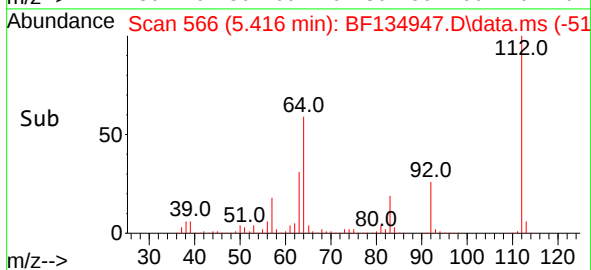
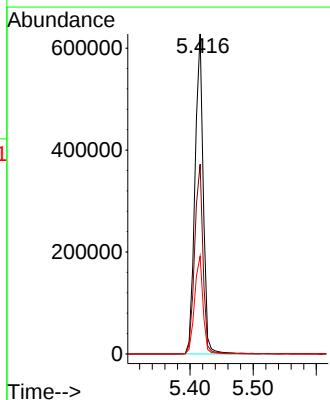
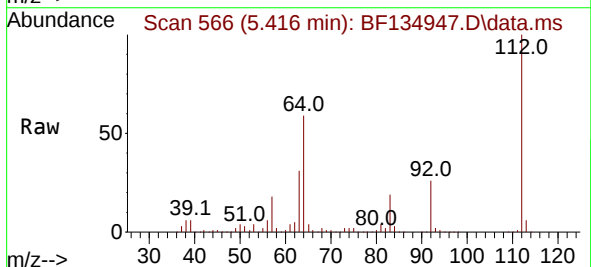
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#5
2-Fluorophenol
Concen: 103.798 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

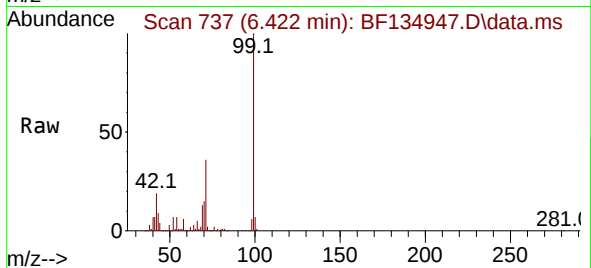
Tgt Ion:112 Resp: 571116
Ion Ratio Lower Upper
112 100
64 59.3 48.6 73.0
63 30.6 25.7 38.5





#7
Phenol-d6
Concen: 101.063 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

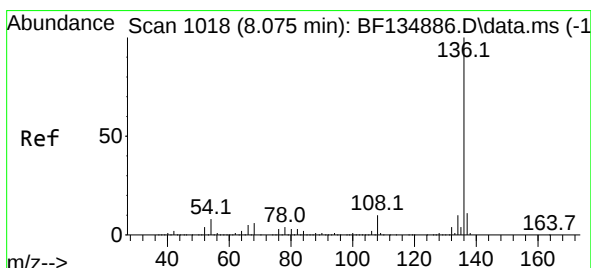
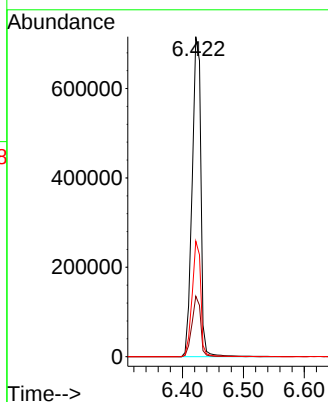
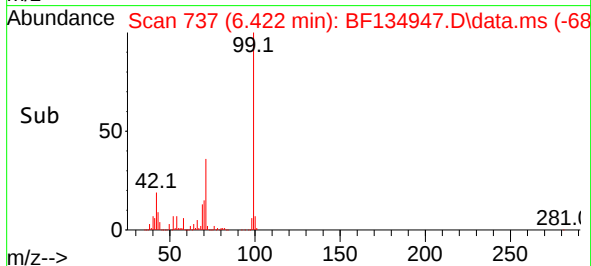
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion: 99 Resp: 710549
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 36.1 27.6 41.4

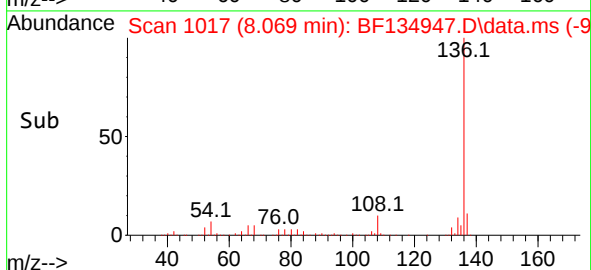
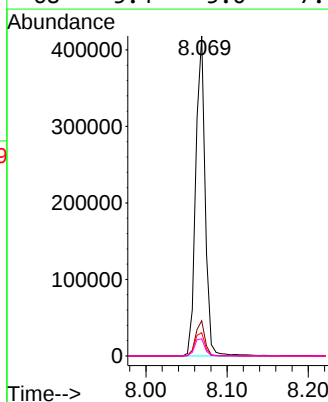
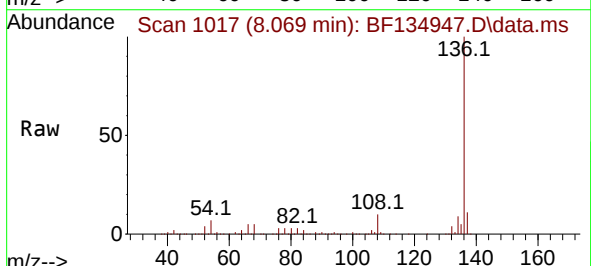
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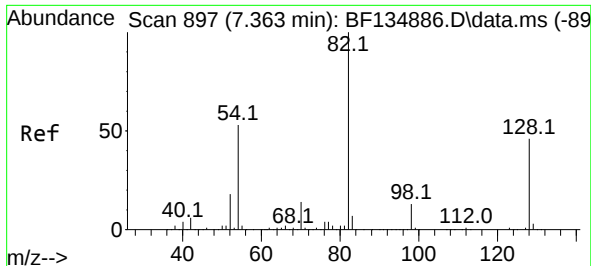
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

Tgt Ion:136 Resp: 339876
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 6.6 9.8
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 68.901 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134947.D

Acq: 25 Aug 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SS-TP-01(0-0.2)

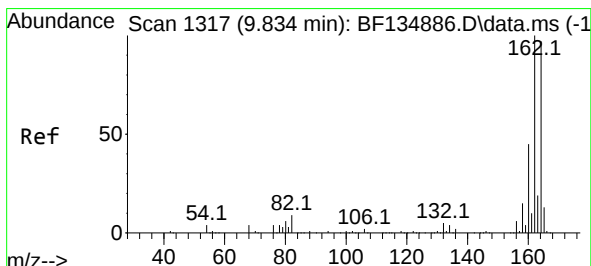
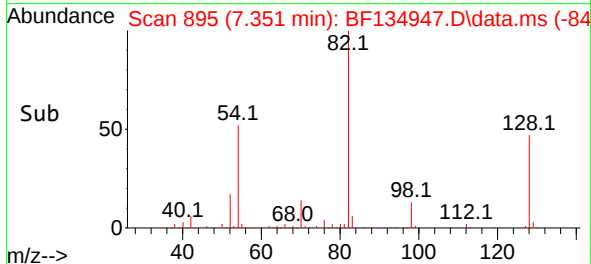
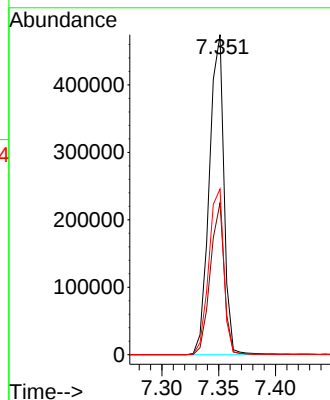
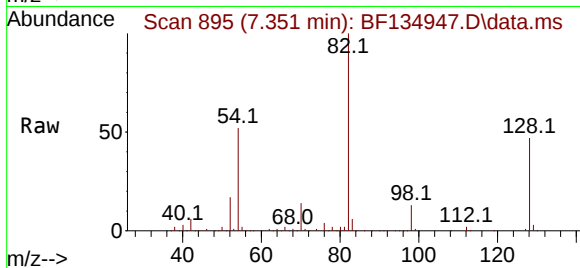
Tgt Ion: 82 Resp: 424970

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.6	54.8
54	51.8	42.6	63.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

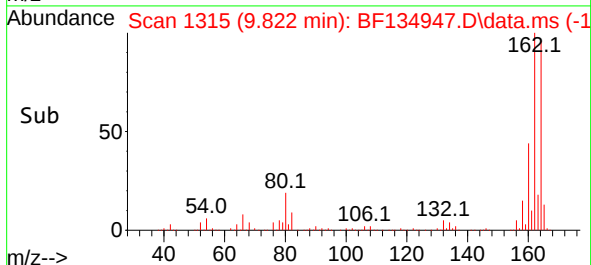
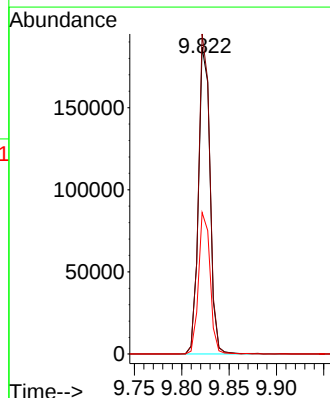
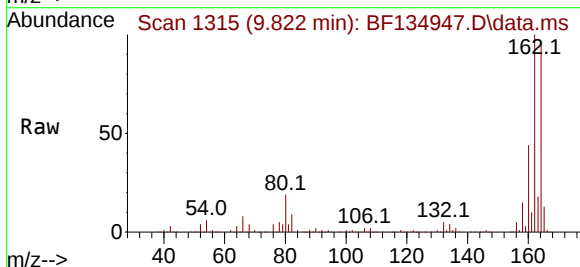
Delta R.T. -0.012 min

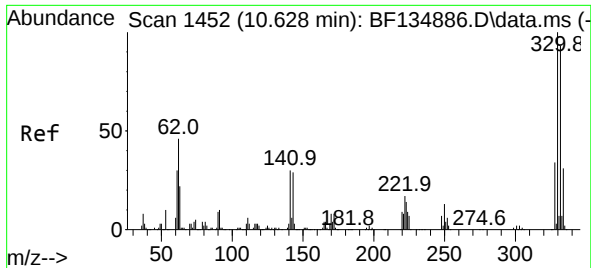
Lab File: BF134947.D

Acq: 25 Aug 2023 18:34

Tgt Ion:164 Resp: 159579

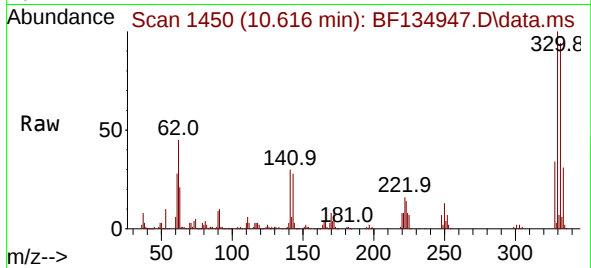
Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	46.1	37.0	55.4





#42
2,4,6-Tribromophenol
Concen: 85.075 ng
RT: 10.616 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

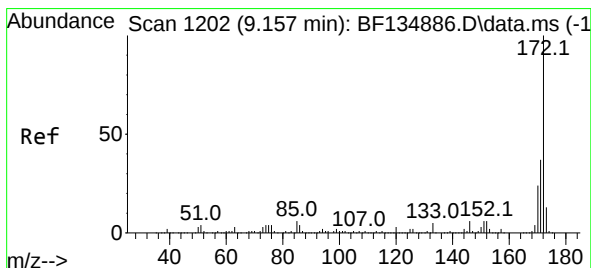
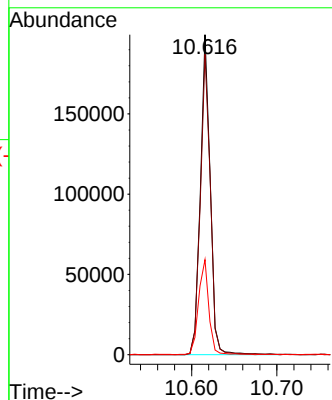
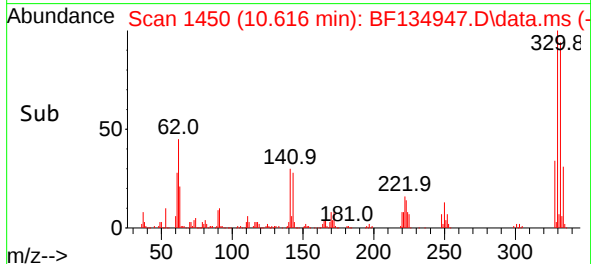
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



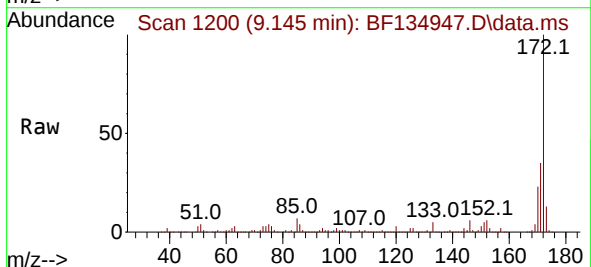
Tgt Ion: 330 Resp: 15989
Ion Ratio Lower Upper
330 100
332 95.4 76.3 114.5
141 31.2 23.4 35.2

Manual Integrations
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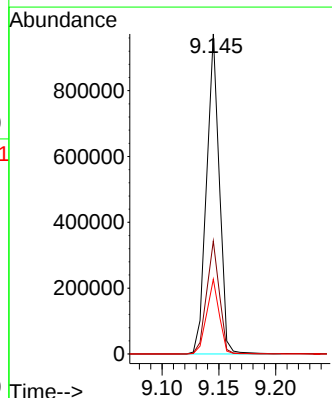
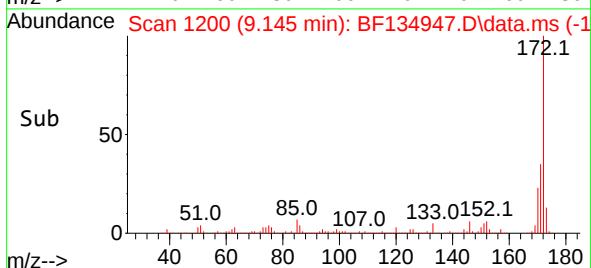
Reviewed By : Yogesh Patel 08/28/2023
Supervised By : mohammad ahmed 08/28/2023

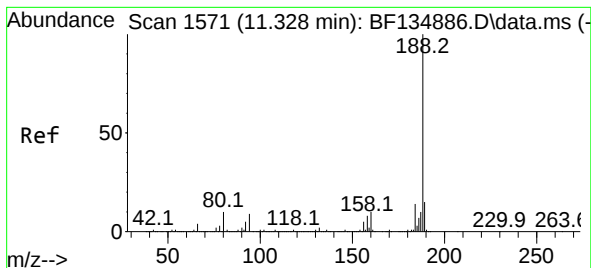


#45
2-Fluorobiphenyl
Concen: 73.663 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34



Tgt Ion: 172 Resp: 760405
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.3 19.6 29.4





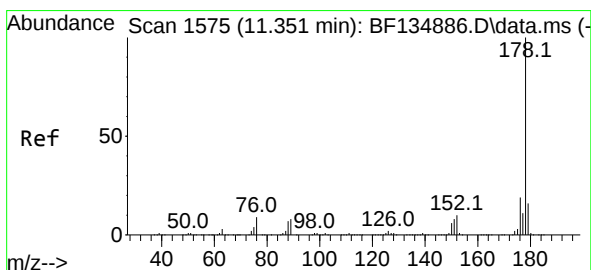
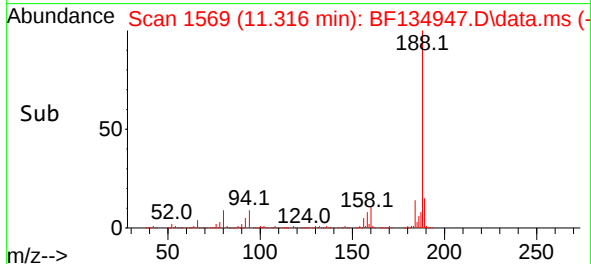
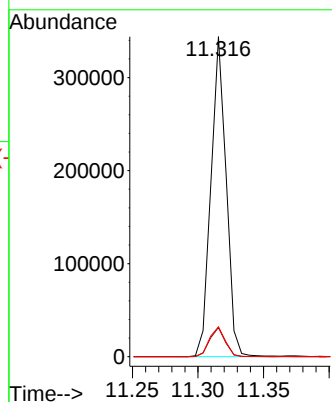
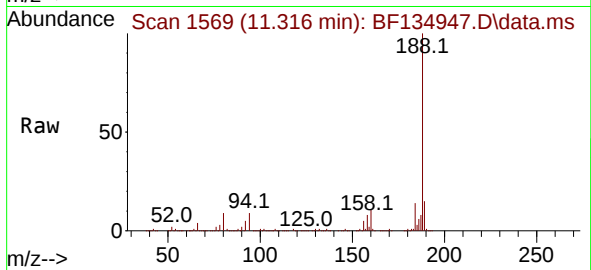
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

Instrument :
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ClientSampleId :
SS-TP-01(0-0.2)

Tgt Ion:188 Resp: 27840
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.3 7.8 11.6

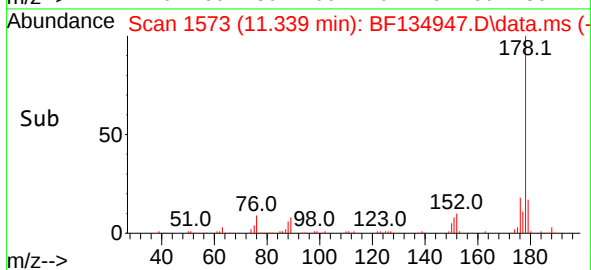
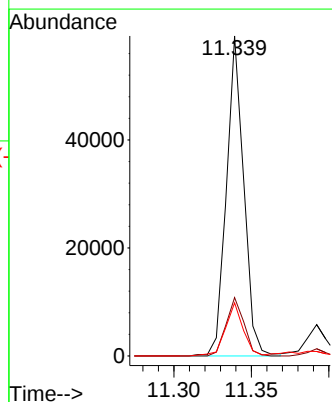
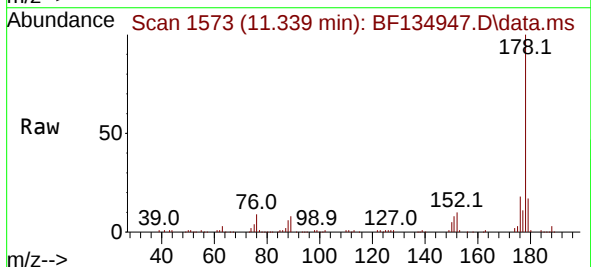
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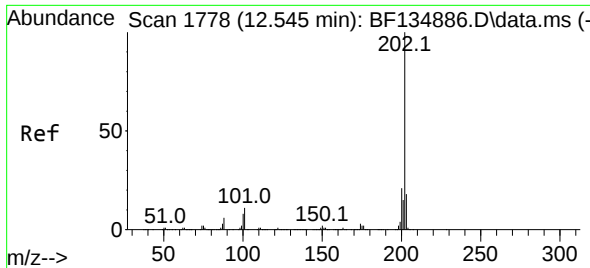
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#71
Phenanthrene
Concen: 3.164 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

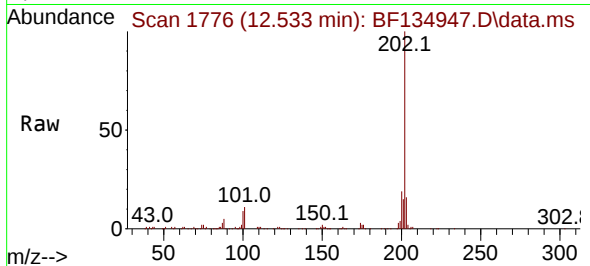
Tgt Ion:178 Resp: 46163
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 16.6 12.6 19.0





#75
Fluoranthene
Concen: 4.600 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

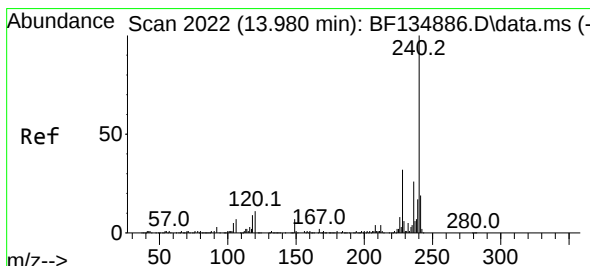
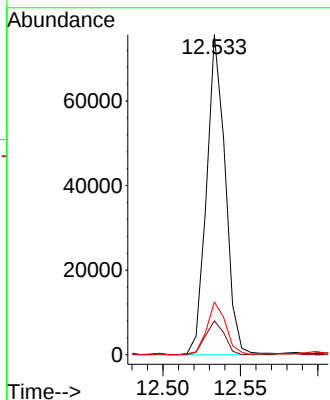
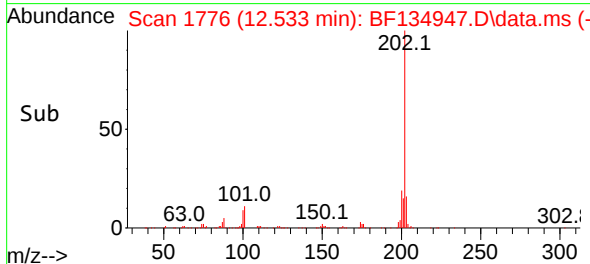
Instrument :
BNA_F
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SS-TP-01(0-0.2)



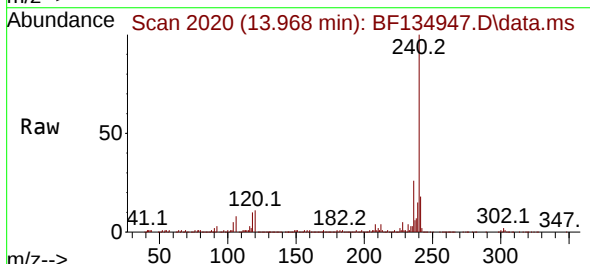
Tgt Ion:202 Resp: 63579
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 16.5 0.0 37.8

Manual Integrations
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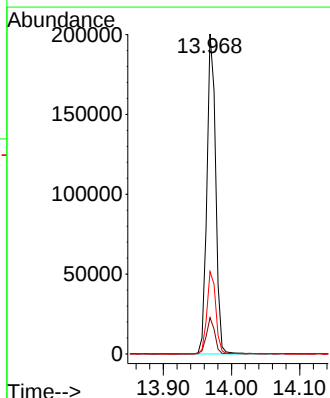
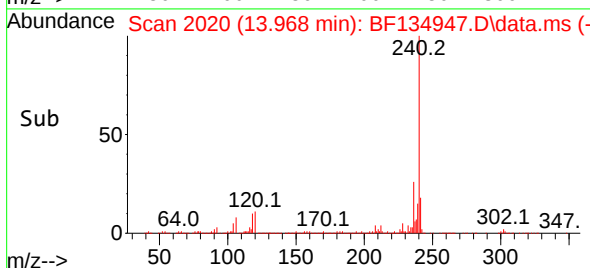
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

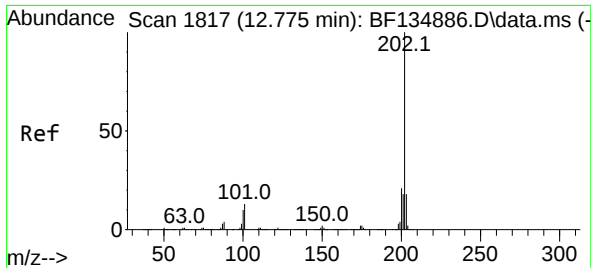


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34



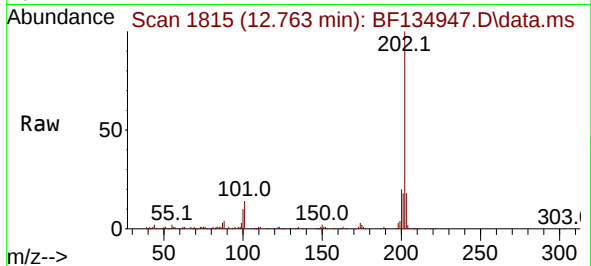
Tgt Ion:240 Resp: 179560
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.8 20.6 31.0





#78
Pyrene
Concen: 3.235 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

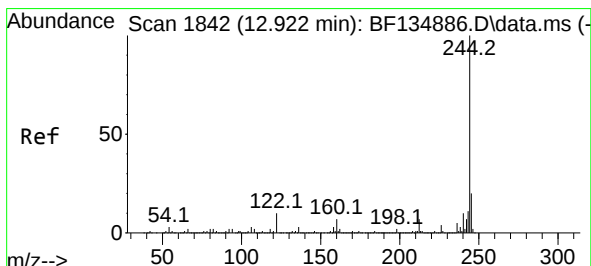
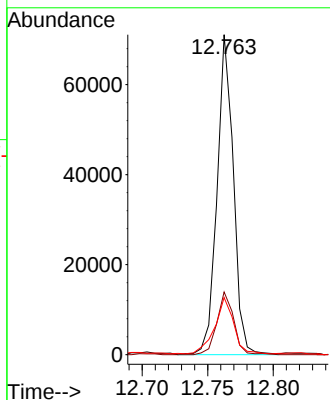
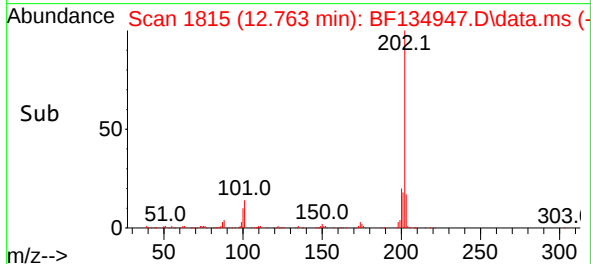
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



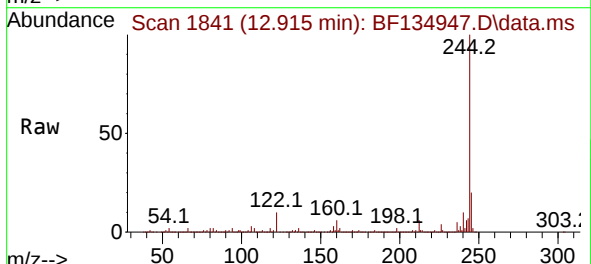
Tgt Ion:202 Resp: 61586
Ion Ratio Lower Upper
202 100
200 19.6 17.1 25.7
203 17.9 14.2 21.2

Manual Integrations
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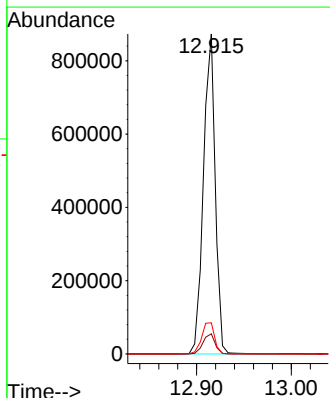
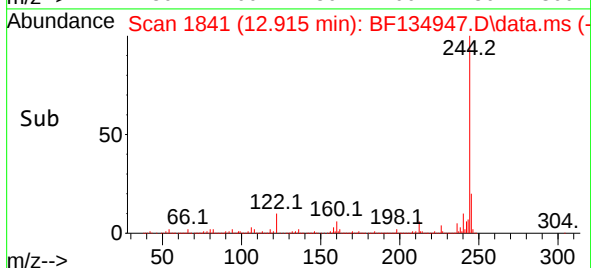
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

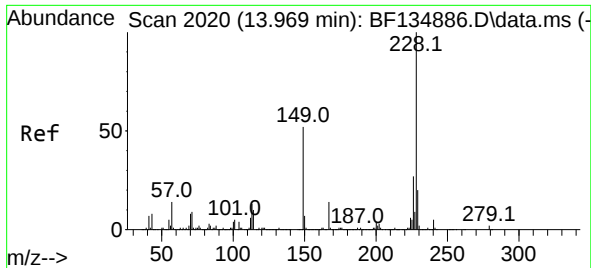


#79
Terphenyl-d14
Concen: 57.881 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.007 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34



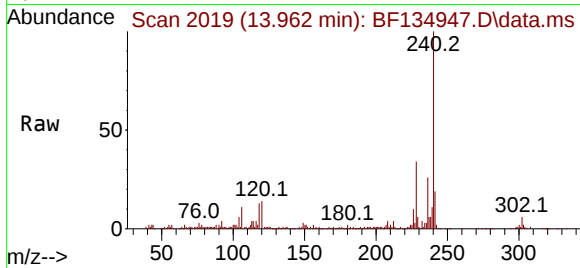
Tgt Ion:244 Resp: 755636
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 9.8 8.2 12.4





#81
Benzo(a)anthracene
Concen: 2.136 ng
RT: 13.962 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

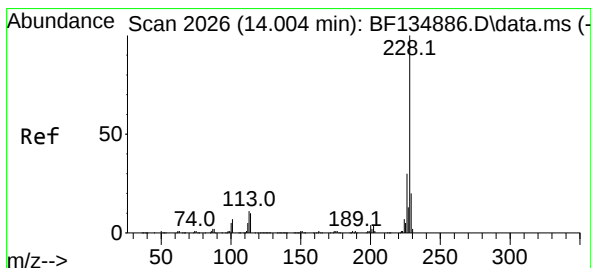
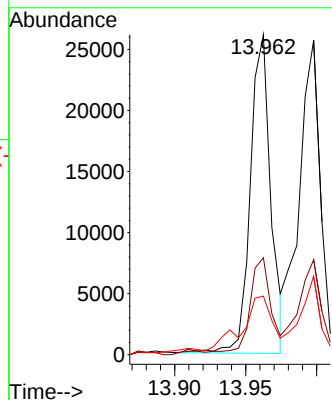
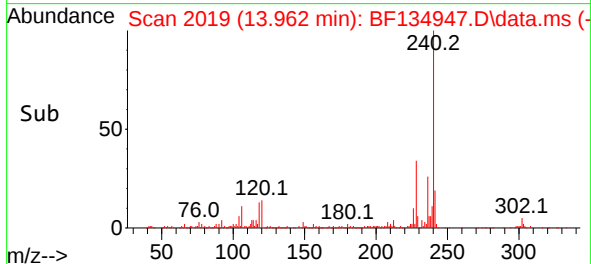
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion:228 Resp: 26162
Ion Ratio Lower Upper
228 100
226 30.3 21.8 32.6
229 18.3 15.6 23.4

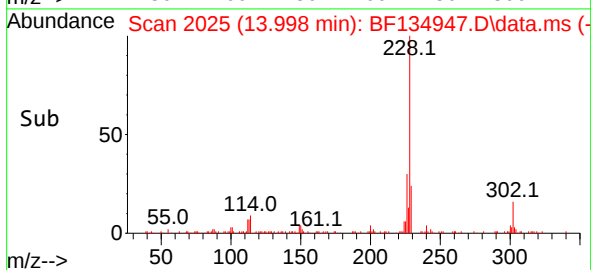
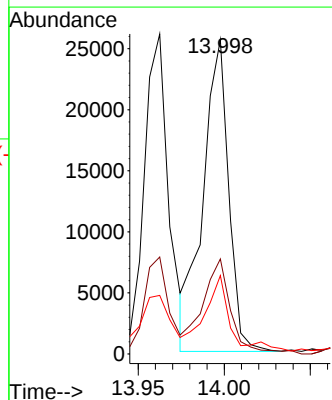
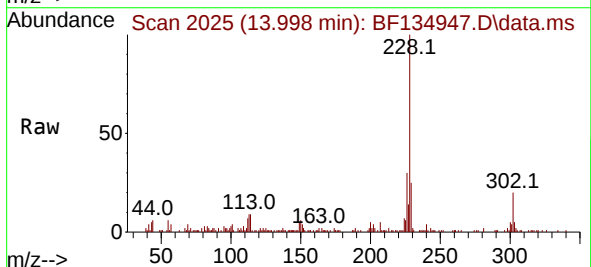
Manual Integrations
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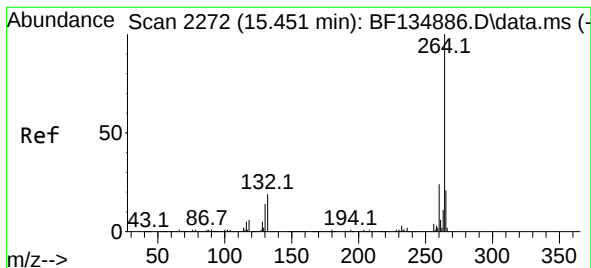
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#83
Chrysene
Concen: 2.196 ng m
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

Tgt Ion:228 Resp: 26547
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 24.9 16.0 24.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF134947.D

Acq: 25 Aug 2023 18:34

Instrument :

BNA_F

ClientSampleId :

SS-TP-01(0-0.2)

Tgt Ion:264 Resp: 157178

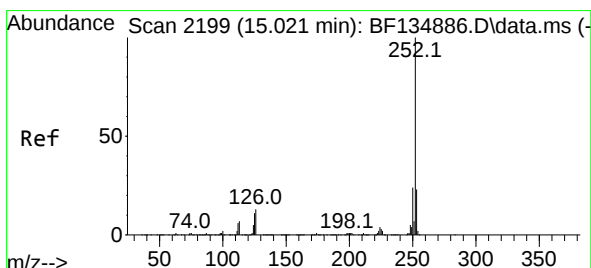
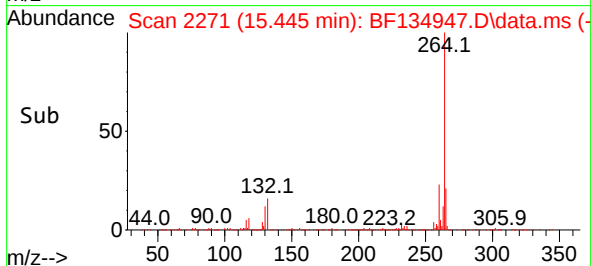
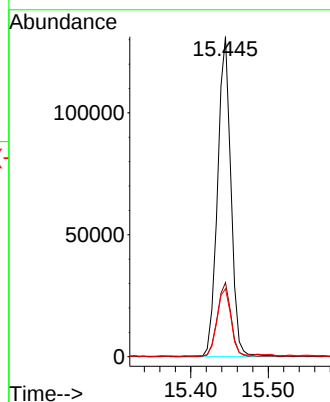
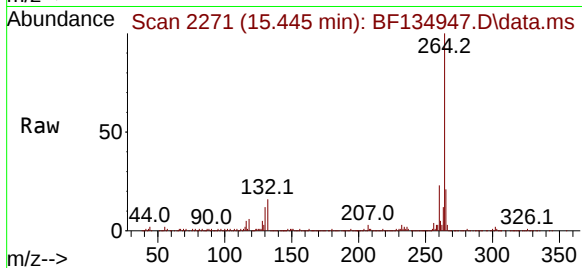
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.2	17.1	25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#88

Benzo(b)fluoranthene

Concen: 3.679 ng m

RT: 15.015 min Scan# 2198

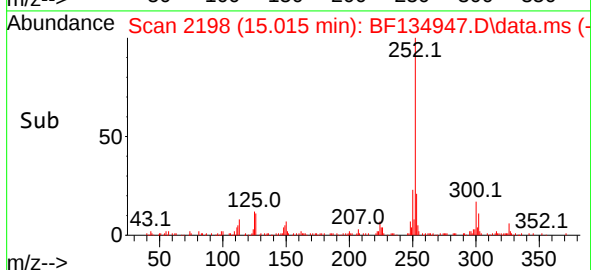
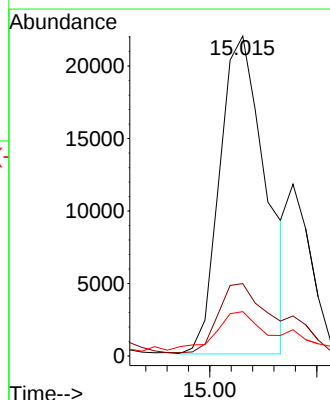
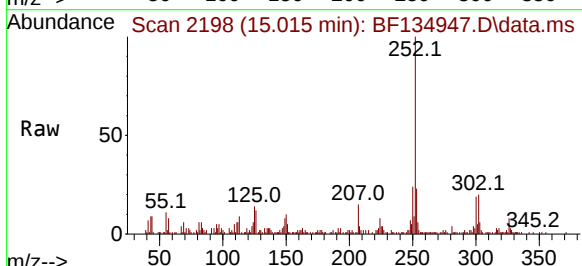
Delta R.T. -0.006 min

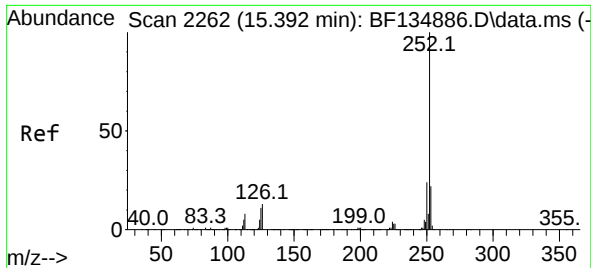
Lab File: BF134947.D

Acq: 25 Aug 2023 18:34

Tgt Ion:252 Resp: 32625

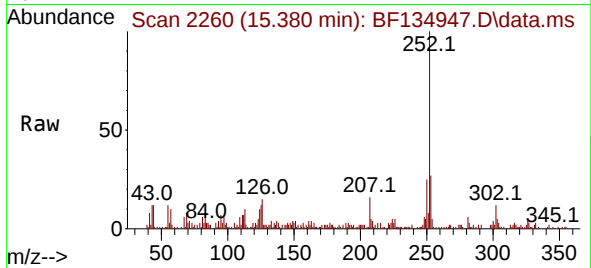
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.8	8.4	12.6





#90
Benzo(a)pyrene
Concen: 2.356 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134947.D
Acq: 25 Aug 2023 18:34

Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion:252 Resp: 2085
Ion Ratio Lower Upper
252 100
253 26.9 17.6 26.4
125 12.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

