

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134572.D
 Acq On : 02 Aug 2023 10:51
 Operator : CG\JU
 Sample : 03686-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-0-2-20230719

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 02 12:01:58 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	195630	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	674528	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	257241	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	447520	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	292161	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	239551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	832487	64.687	ng	0.00
7) Phenol-d6	6.422	99	1013502	61.606	ng	0.00
23) Nitrobenzene-d5	7.351	82	561948	52.063	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	165776	63.217	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	856182	55.340	ng	0.00
79) Terphenyl-d14	12.910	244	844249	50.941	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.339	178	97741	4.112	ng	98
75) Fluoranthene	12.527	202	127141	5.064	ng	95
78) Pyrene	12.757	202	107410	4.249	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	50983	5.068	ng	100
88) Benzo(b)fluoranthene	14.992	252	38355m	2.625	ng	

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

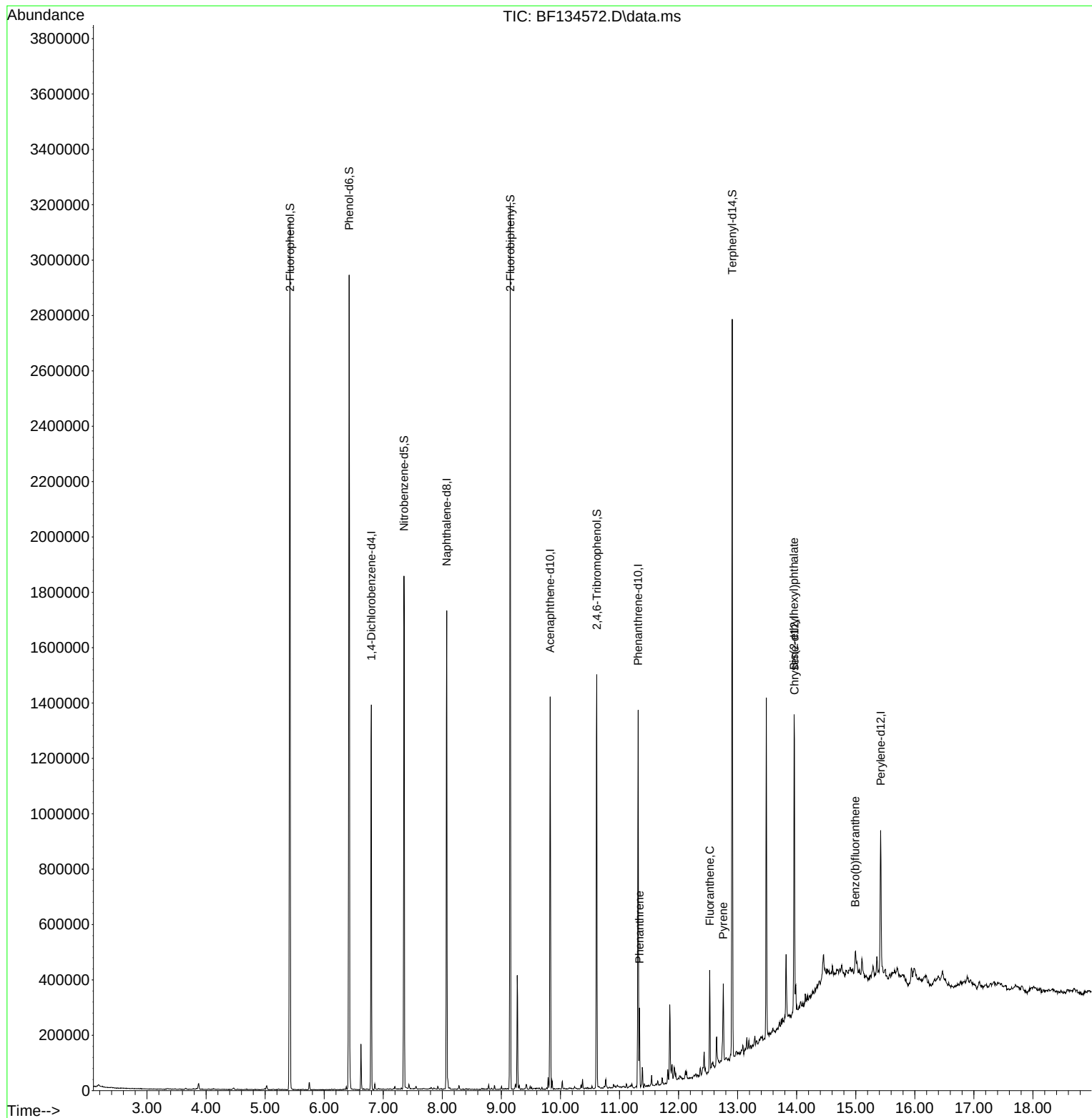
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134572.D
Acq On : 02 Aug 2023 10:51
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Misc :
ALS Vial : 6 Sample Multiplier: 1

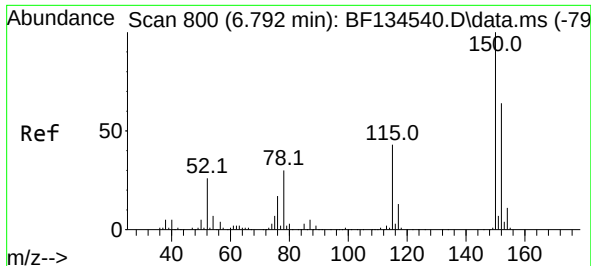
Instrument :
BNA_F
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SB-26-0-2-20230719

Quant Time: Aug 02 12:01:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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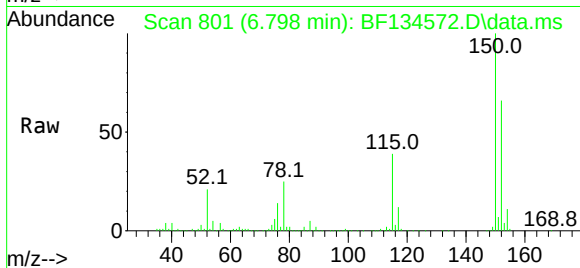
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

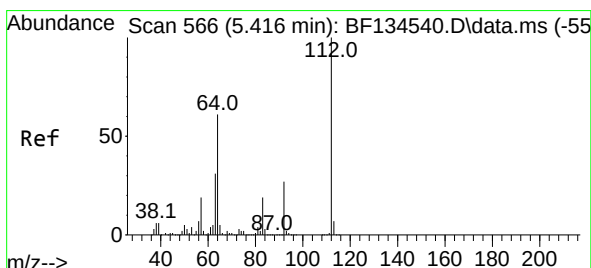
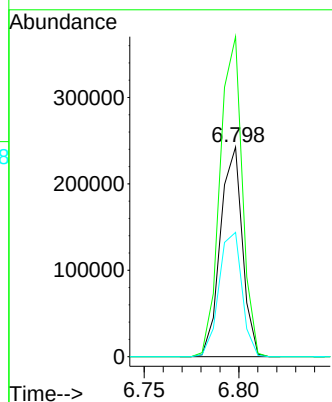
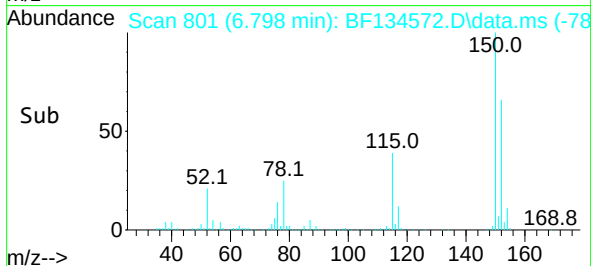
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719



Tgt Ion:152 Resp: 195630
Ion Ratio Lower Upper
152 100
150 152.6 128.3 192.5
115 59.3 52.4 78.6

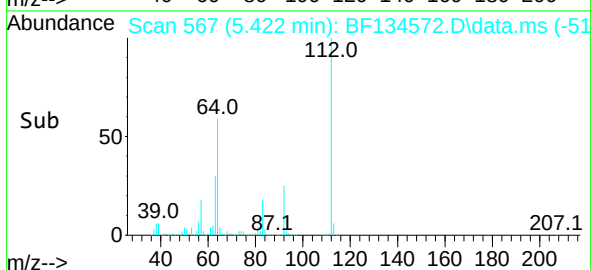
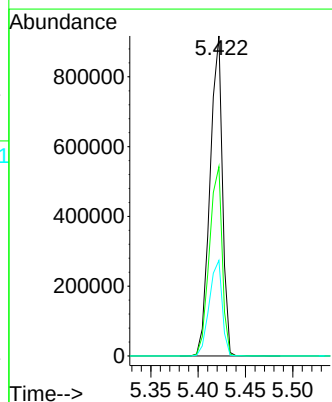
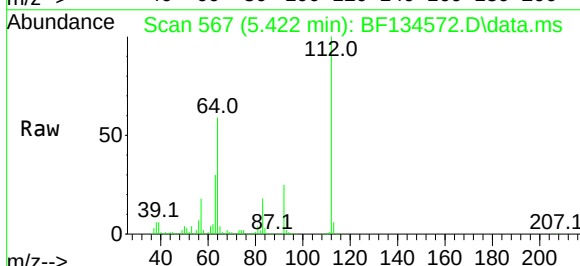
Manual Integrations
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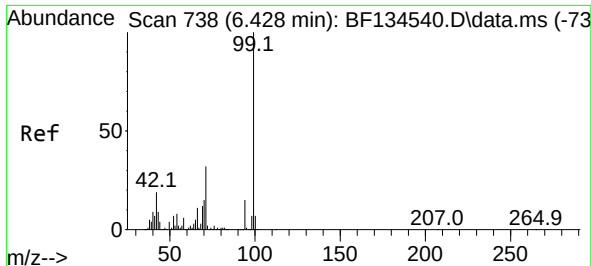
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#5
2-Fluorophenol
Concen: 64.687 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

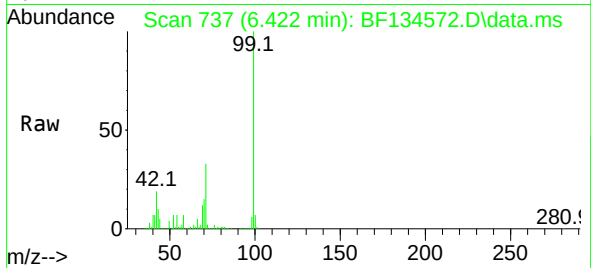
Tgt Ion:112 Resp: 832487
Ion Ratio Lower Upper
112 100
64 59.1 44.9 67.3
63 29.9 25.4 38.0





#7
Phenol-d6
Concen: 61.606 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

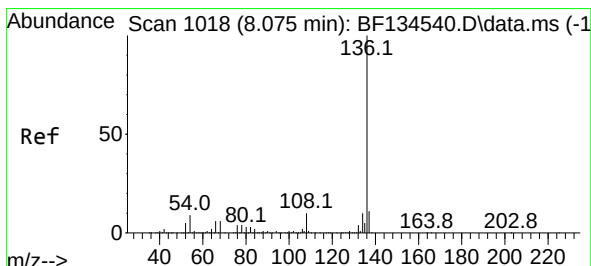
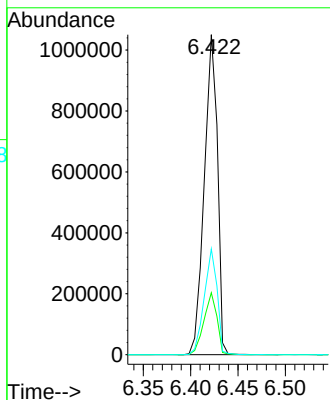
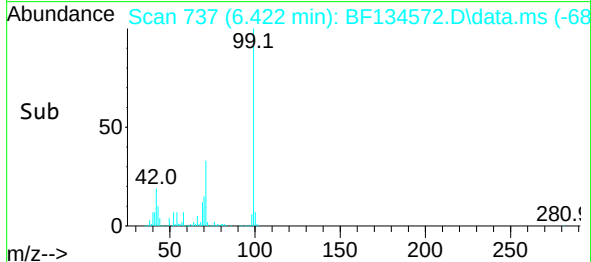
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719



Tgt Ion: 99 Resp: 101350
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 33.0 36.4 54.6

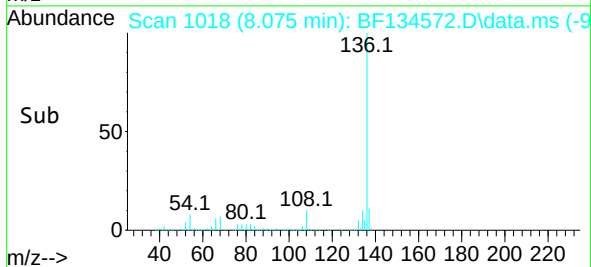
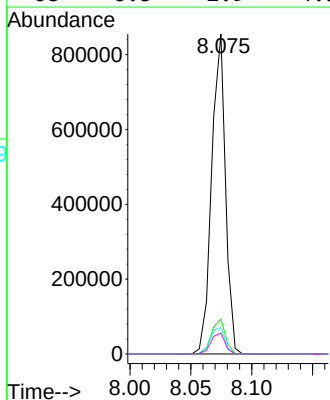
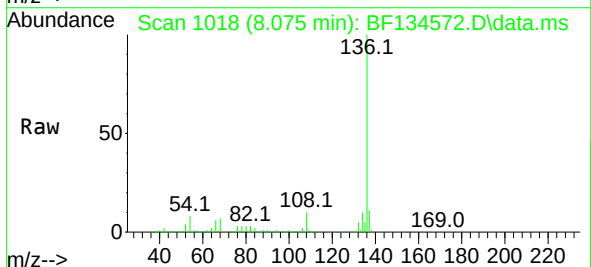
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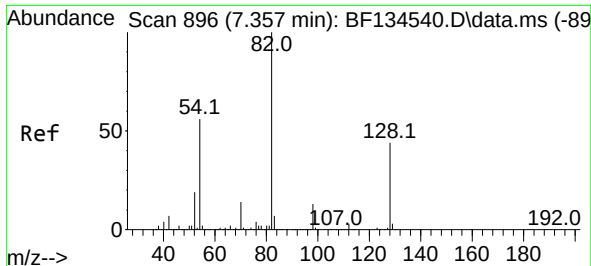
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

Tgt Ion:136 Resp: 674528
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.4 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 52.063 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134572.D

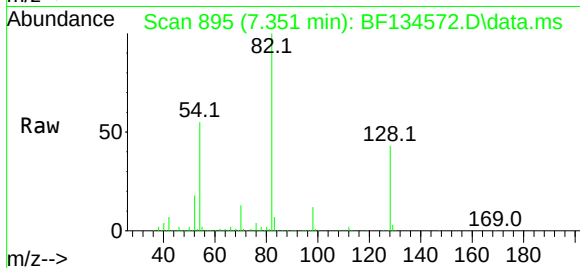
Acq: 02 Aug 2023 10:51

Instrument :

BNA_F

ClientSampleId :

SB-26-0-2-20230719



Tgt Ion: 82 Resp: 561948

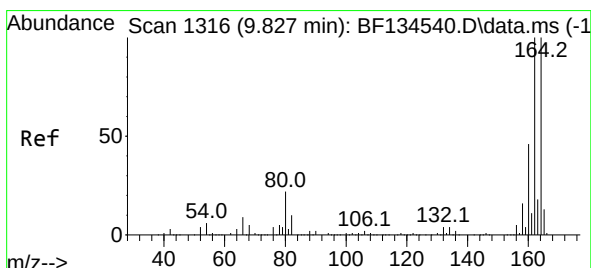
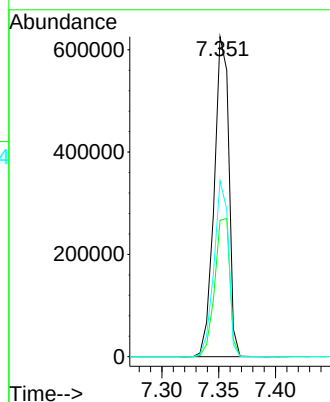
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.3	51.5
54	55.0	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

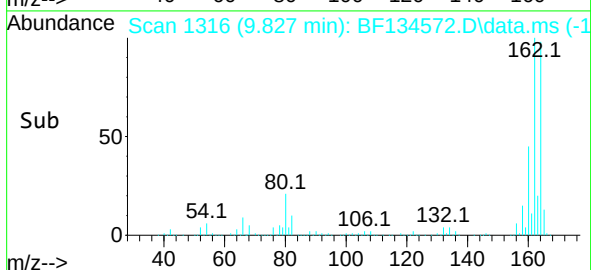
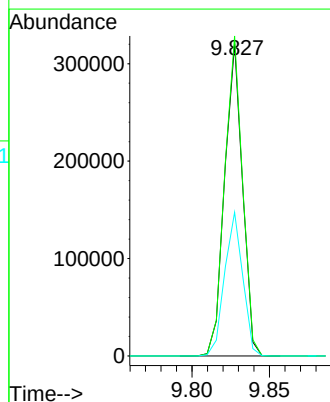
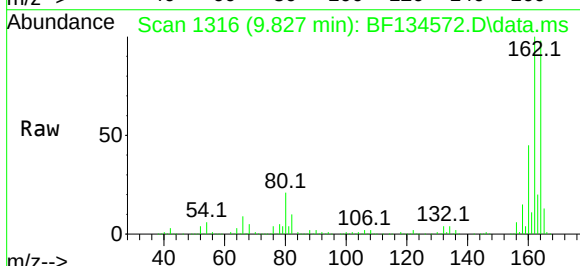
Delta R.T. 0.000 min

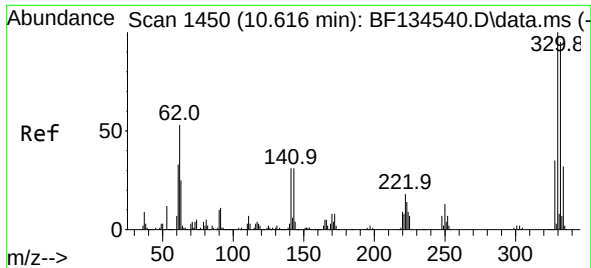
Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

Tgt Ion:164 Resp: 257241

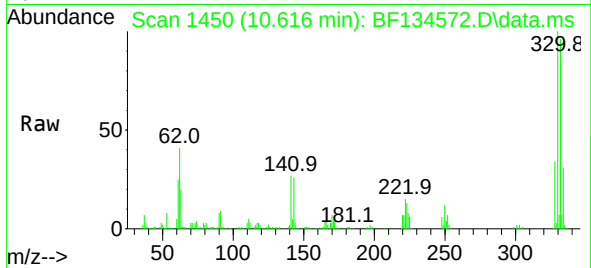
Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	46.0	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 63.217 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

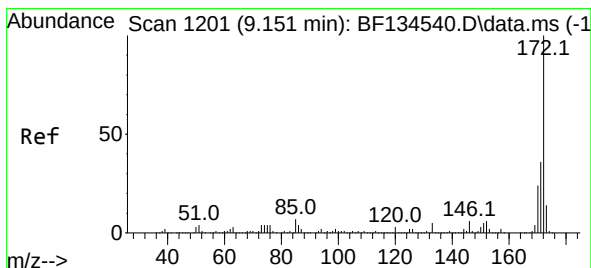
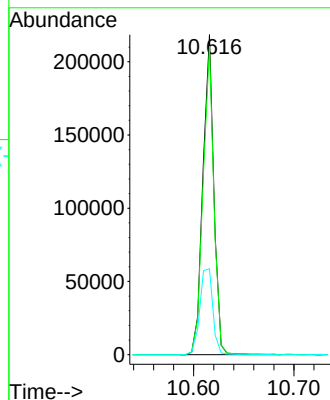
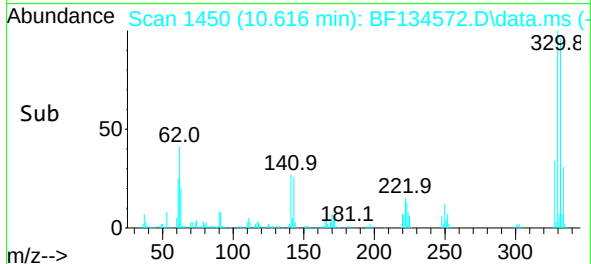
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719



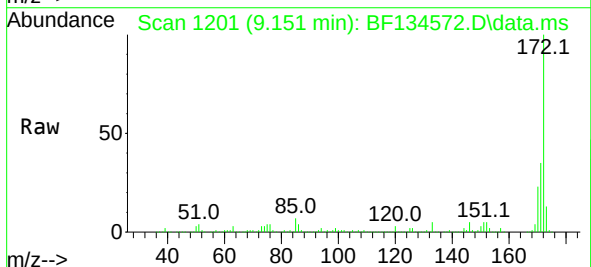
Tgt Ion: 330 Resp: 165770
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 32.3 25.4 38.2

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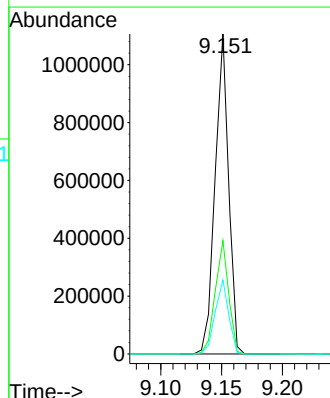
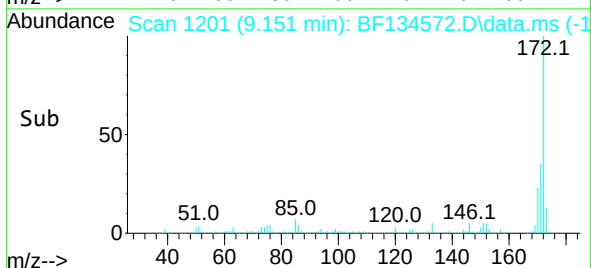
Reviewed By : Yogesh Patel 08/03/2023
Supervised By : mohammad ahmed 08/03/2023

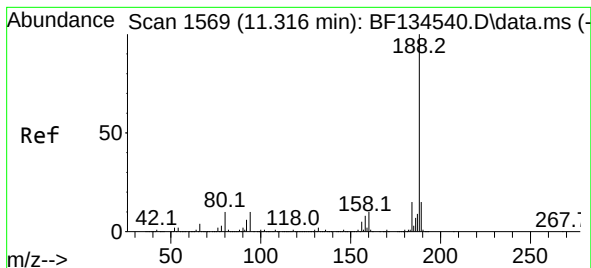


#45
2-Fluorobiphenyl
Concen: 55.340 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51



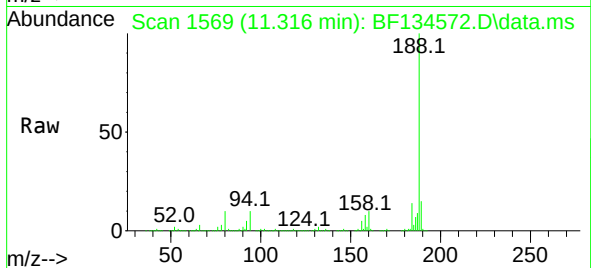
Tgt Ion: 172 Resp: 856182
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.2 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

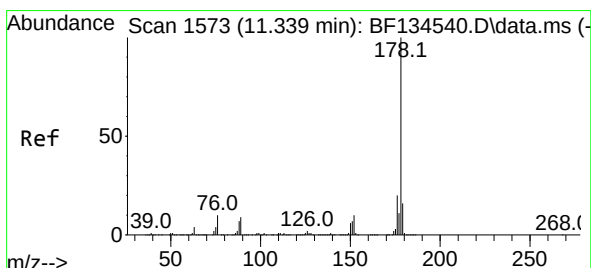
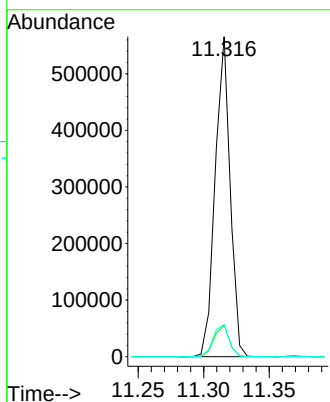
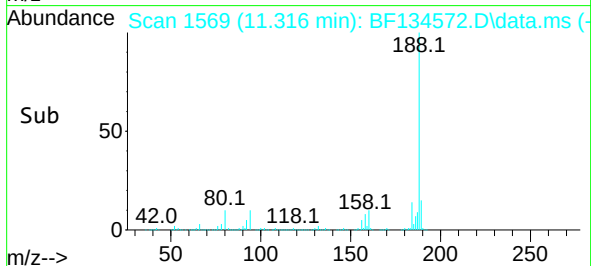
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719



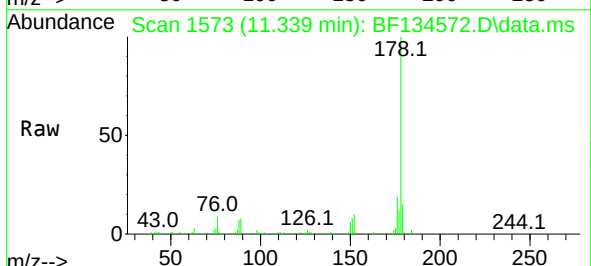
Tgt Ion:188 Resp: 447520
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7
80 10.1 6.6 9.8

Manual Integrations
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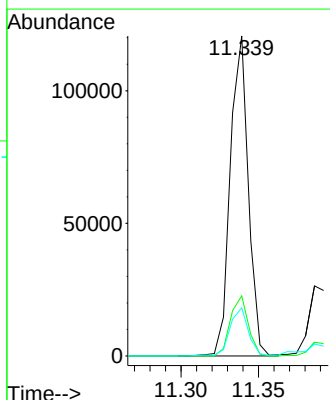
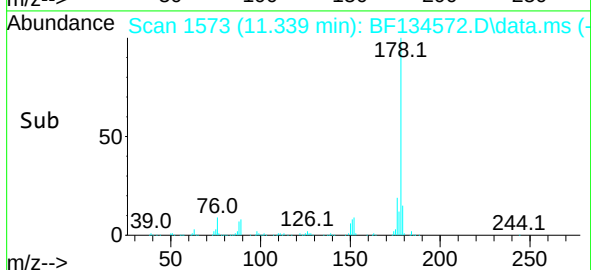
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

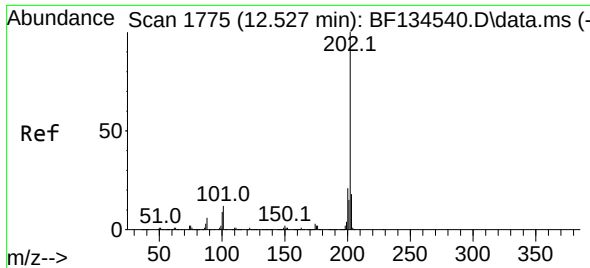


#71
Phenanthrene
Concen: 4.112 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51



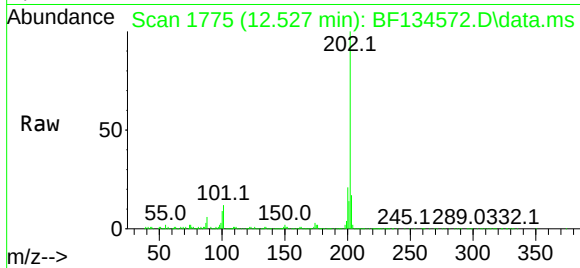
Tgt Ion:178 Resp: 97741
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.1 12.7 19.1





#75
Fluoranthene
Concen: 5.064 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

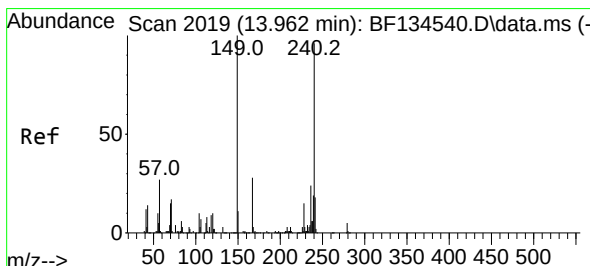
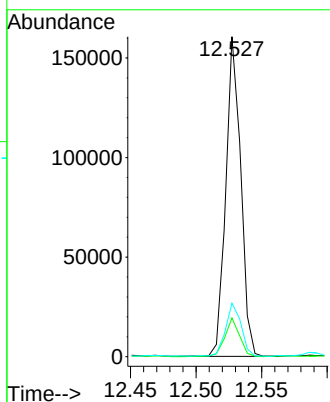
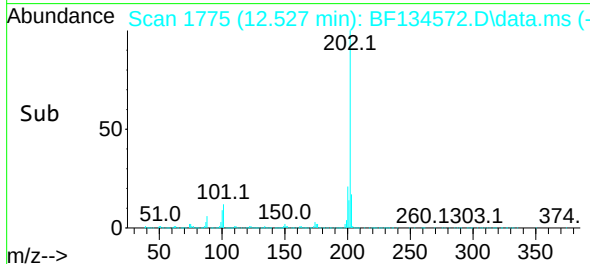
Instrument :
BNA_F
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SB-26-0-2-20230719



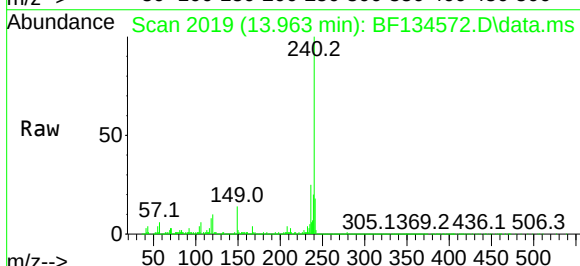
Tgt Ion:202 Resp: 12714
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 16.7 0.0 37.5

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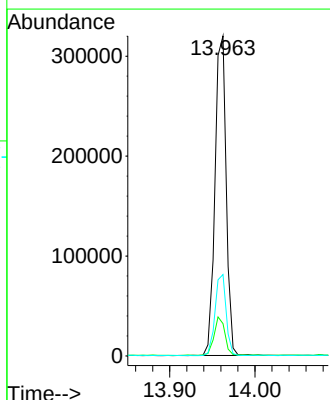
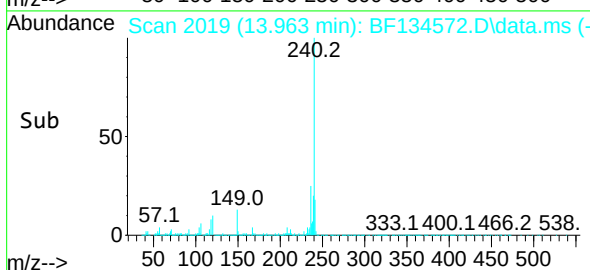
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

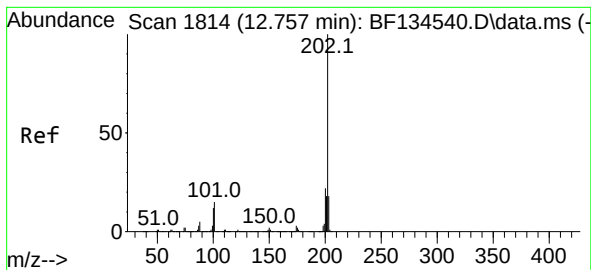


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51



Tgt Ion:240 Resp: 292161
Ion Ratio Lower Upper
240 100
120 10.1 6.6 10.0#
236 25.4 20.2 30.2





#78

Pyrene

Concen: 4.249 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

Instrument :

BNA_F

ClientSampleId :

SB-26-0-2-20230719

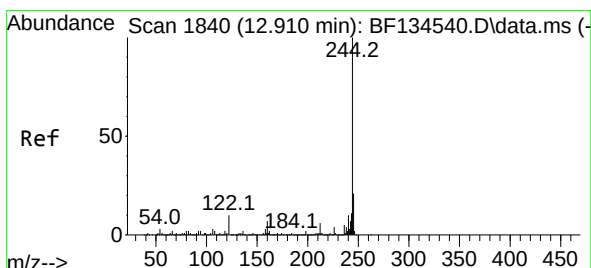
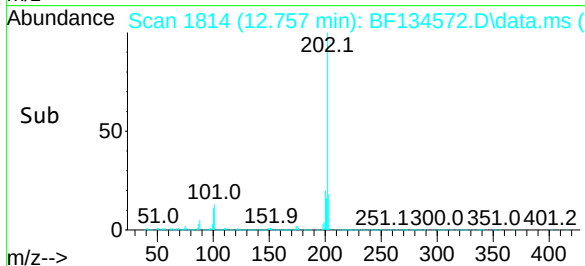
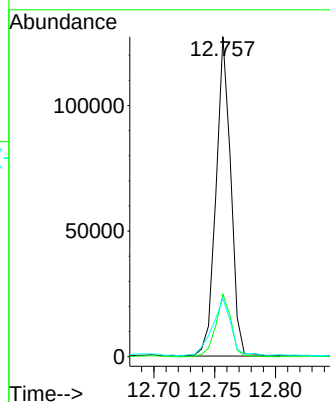
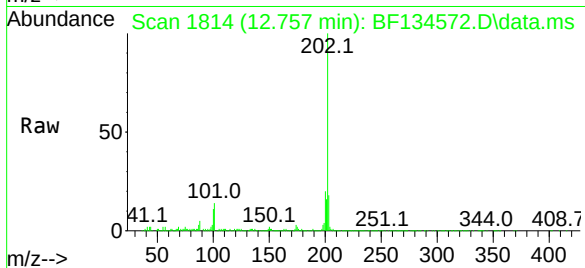
Tgt Ion:	202	Resp:	107410
Ion Ratio	Lower	Upper	
202	100		
200	19.5	15.8	23.8
203	18.2	13.5	20.3

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#79

Terphenyl-d14

Concen: 50.941 ng

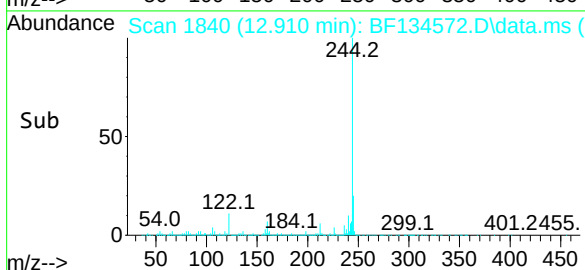
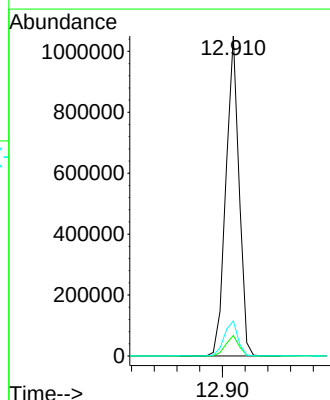
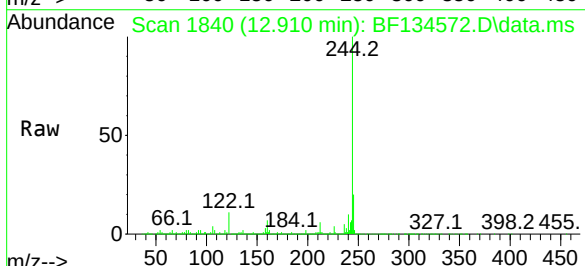
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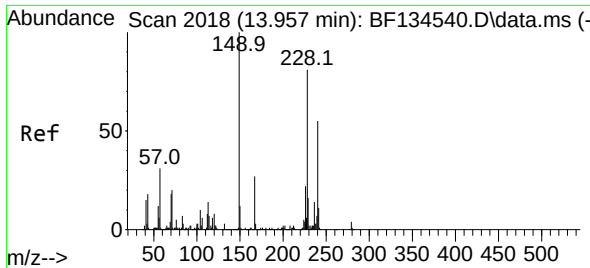
Delta R.T. 0.000 min

Lab File: BF134572.D

Acq: 02 Aug 2023 10:51

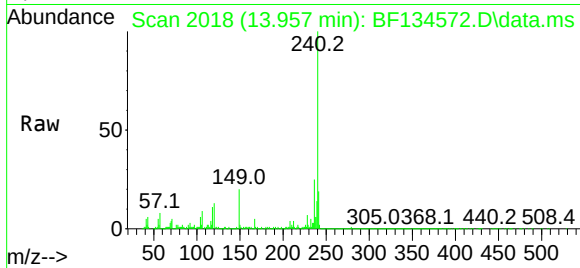
Tgt Ion:	244	Resp:	844249
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.6	8.4
122	10.9	8.0	12.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.068 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51

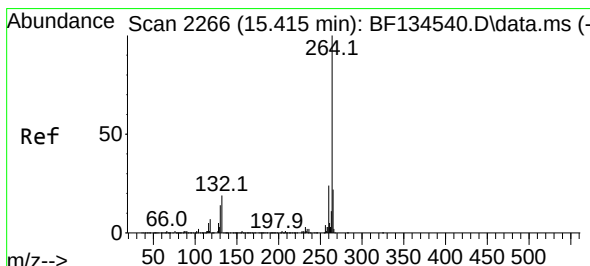
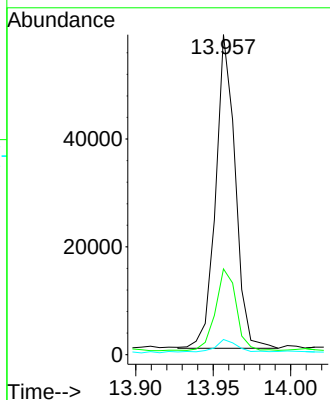
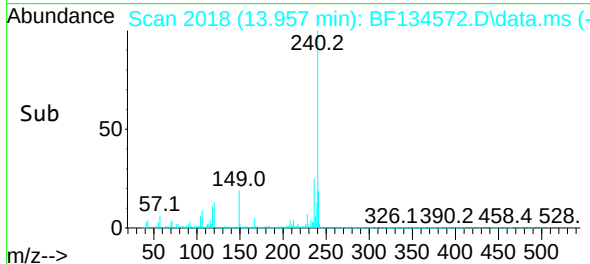
Instrument :
BNA_F
ClientSampleId :
SB-26-0-2-20230719



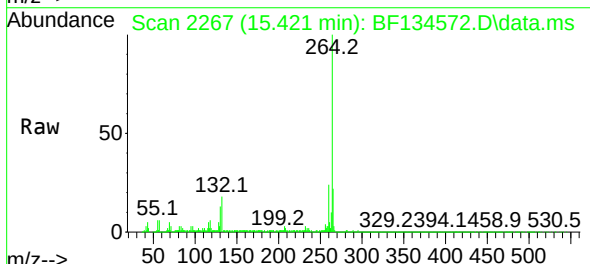
Tgt Ion:149 Resp: 5098
Ion Ratio Lower Upper
149 100
167 26.8 21.6 32.4
279 4.8 3.5 5.3

Manual Integrations
APPROVED

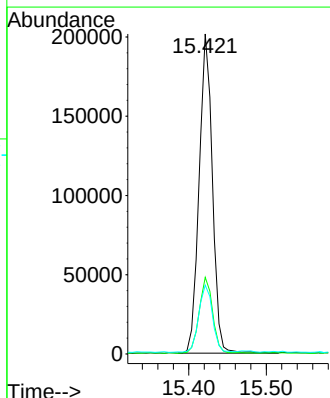
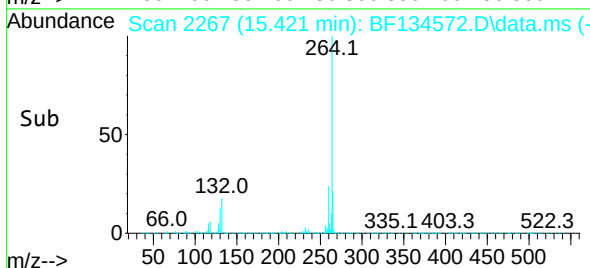
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

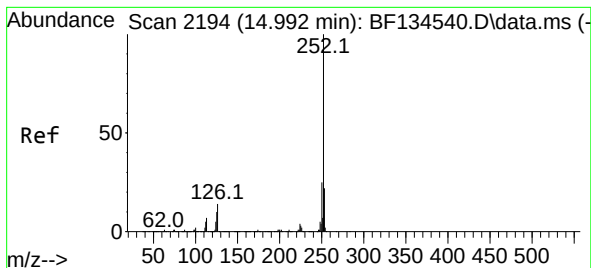


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF134572.D
Acq: 02 Aug 2023 10:51



Tgt Ion:264 Resp: 239551
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.5 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.625 ng m

RT: 14.992 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134572.D

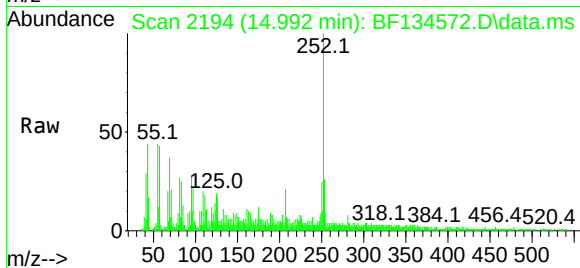
Acq: 02 Aug 2023 10:51

Instrument :

BNA_F

ClientSampleId :

SB-26-0-2-20230719



Tgt Ion:	252	Resp:	3835
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.3	25.9
125	18.8	6.0	9.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023

