

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134559.D
 Acq On : 01 Aug 2023 20:59
 Operator : CG\JU
 Sample : 03741-13RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P6BRE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 02:46:04 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	6.792	152	202477	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	809307	20.000	ng	# 0.00
39) Acenaphthene-d10	9.821	164	397360	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	695715	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	406496	20.000	ng	#-0.01
86) Perylene-d12	15.409	264	441223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	884194	66.381	ng	0.00
7) Phenol-d6	6.416	99	1131489	66.453	ng	-0.01
23) Nitrobenzene-d5	7.351	82	631453	48.759	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	283204	69.915	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1140054	47.704	ng	0.00
79) Terphenyl-d14	12.904	244	995776	43.184	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.539	163	85097	3.142	ng	98
75) Fluoranthene	12.527	202	87370	2.238	ng	98
78) Pyrene	12.751	202	129564	3.683	ng	98
81) Benzo(a)anthracene	13.939	228	58865	2.025	ng	97
83) Chrysene	13.974	228	59621	2.105	ng	97
88) Benzo(b)fluoranthene	14.986	252	58829m	2.186	ng	

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

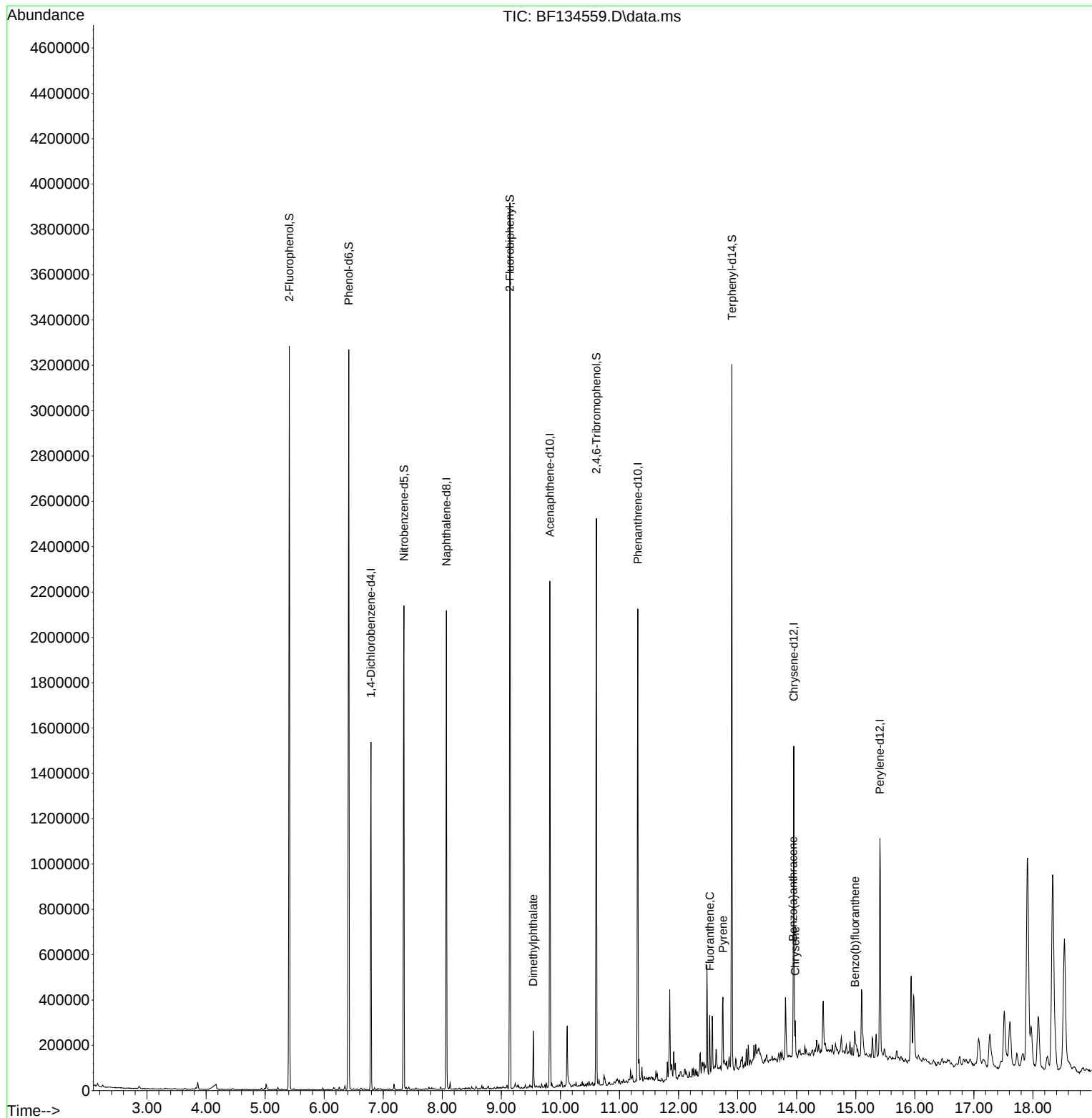
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134559.D
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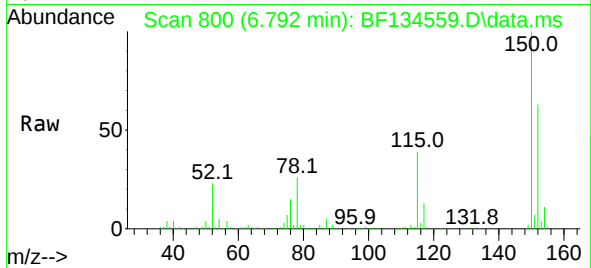
Quant Time: Aug 02 02:46:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

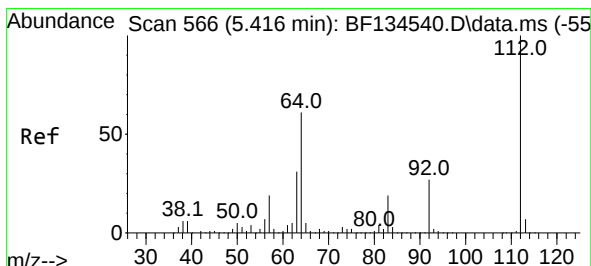
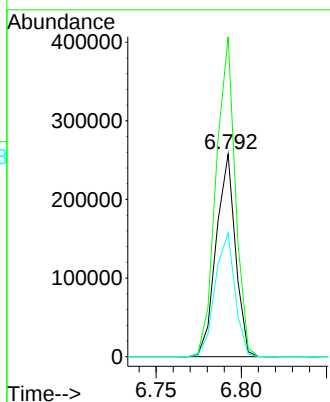
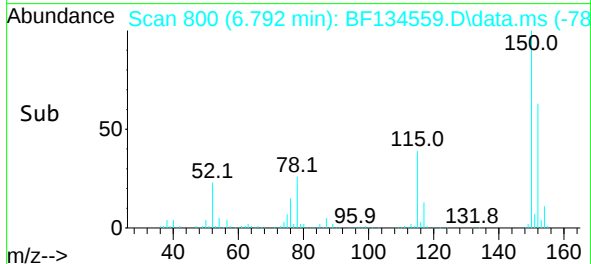
Instrument :
BNA_F
ClientSampleId :
B-P6BRE



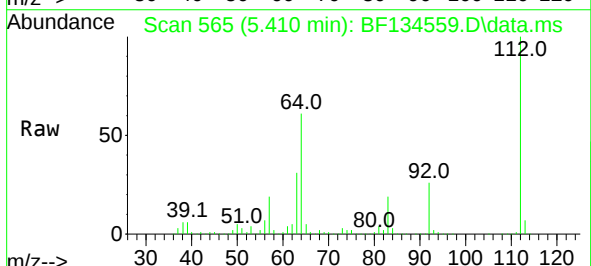
Tgt Ion:152 Resp: 20247
Ion Ratio Lower Upper
152 100
150 157.9 128.3 192.5
115 60.9 52.4 78.6

Manual Integrations
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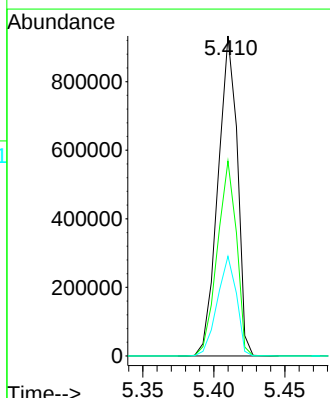
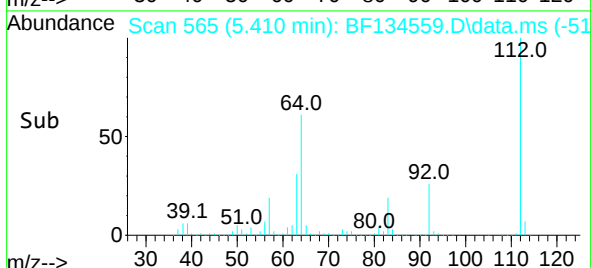
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

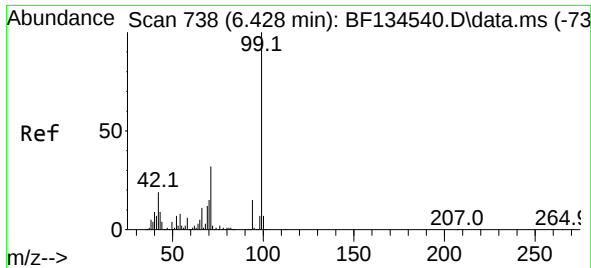


#5
2-Fluorophenol
Concen: 66.381 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59



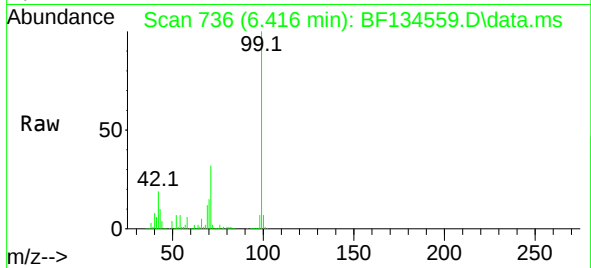
Tgt Ion:112 Resp: 884194
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 31.2 25.4 38.0





#7
Phenol-d6
Concen: 66.453 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

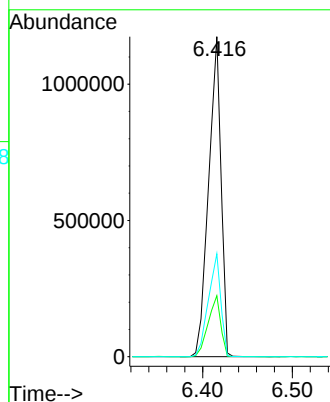
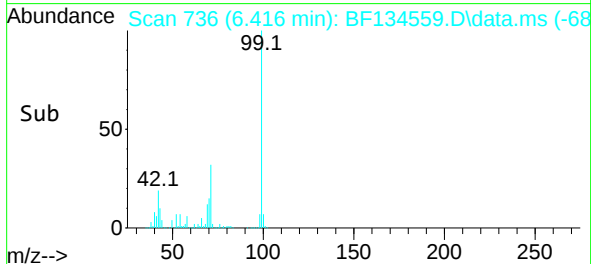
Instrument :
BNA_F
ClientSampleId :
B-P6BRE



Tgt Ion: 99 Resp: 1131489
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 32.2 36.4 54.6

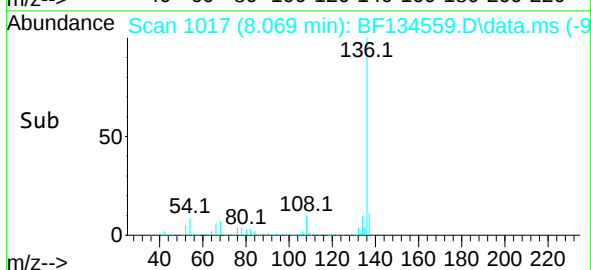
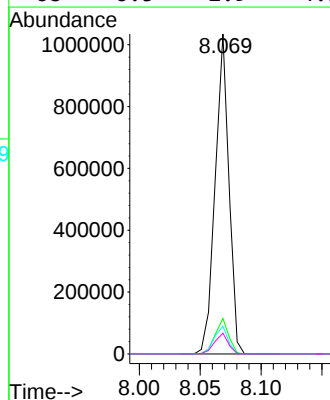
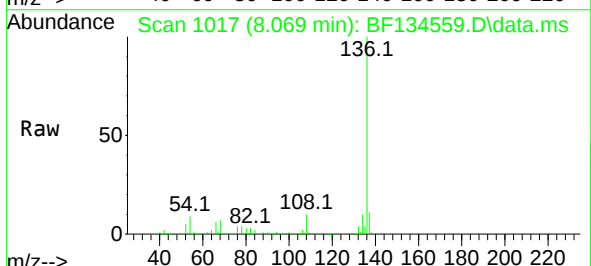
Manual Integrations
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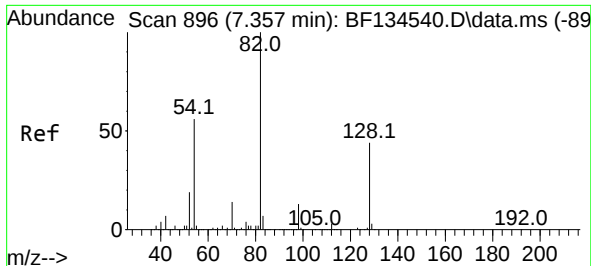
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

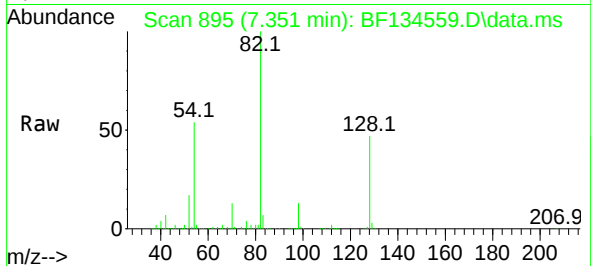
Tgt Ion:136 Resp: 809307
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.7 5.2 7.8#
68 6.5 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 48.759 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

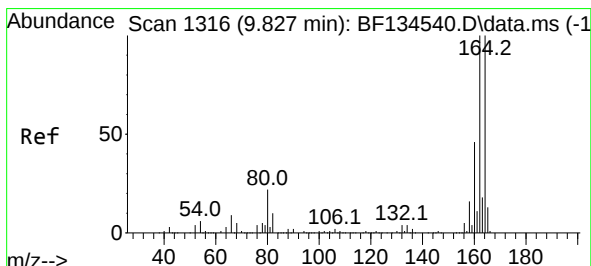
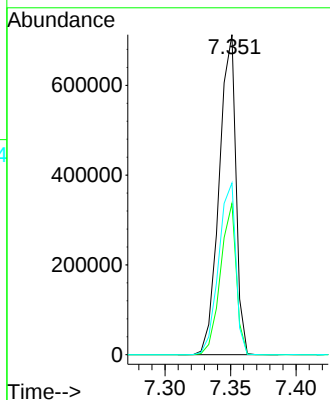
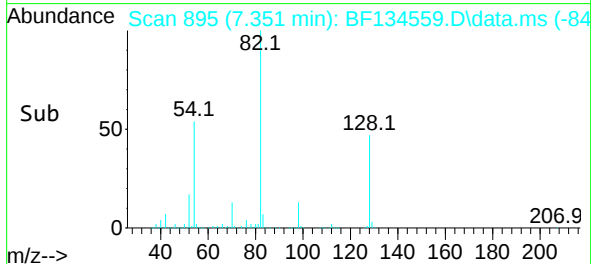
Instrument :
BNA_F
ClientSampleId :
B-P6BRE



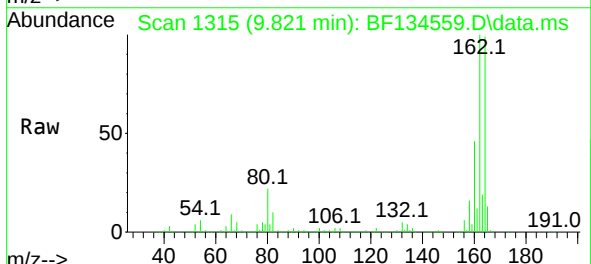
Tgt Ion: 82 Resp: 63145
Ion Ratio Lower Upper
82 100
128 47.2 34.3 51.5
54 53.6 43.8 65.6

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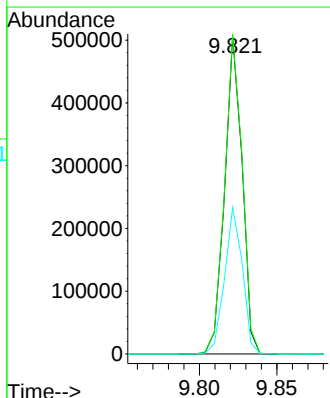
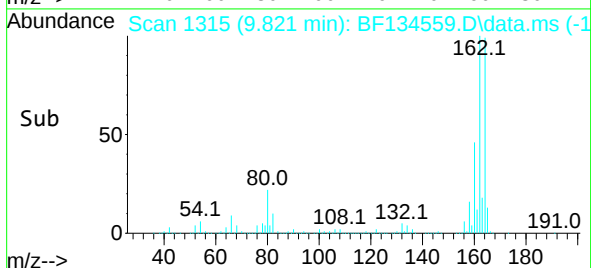
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59



Tgt Ion:164 Resp: 397360
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 46.1 37.2 55.8





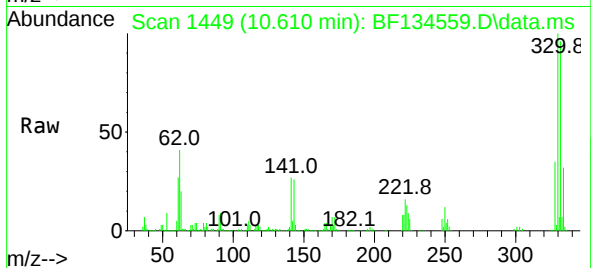
#42
2,4,6-Tribromophenol
Concen: 69.915 ng
RT: 10.610 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

Instrument :

BNA_F

ClientSampleId :

B-P6BRE



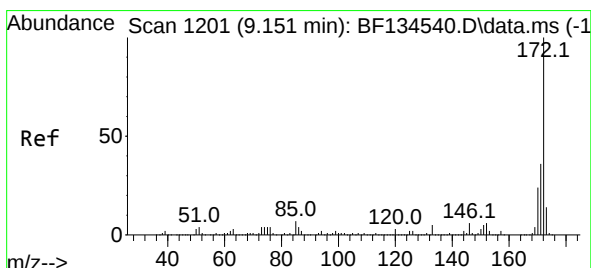
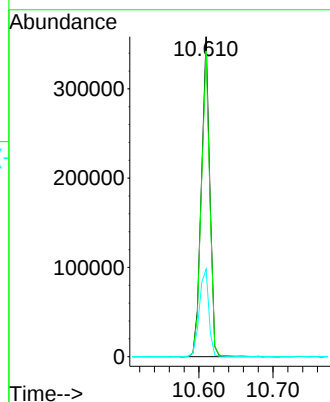
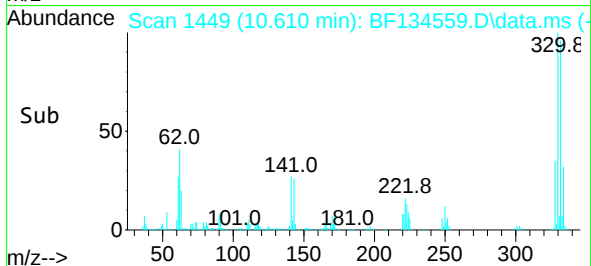
Tgt Ion:330 Resp: 283204
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 31.0 25.4 38.2

Manual Integrations

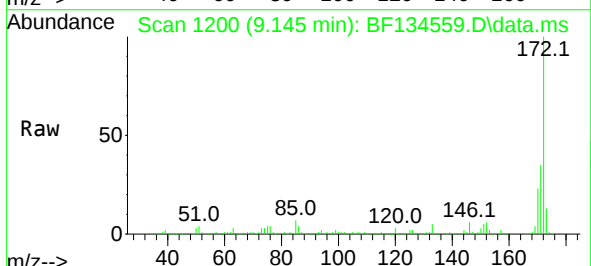
APPROVED

Reviewed By :Yogesh Patel 08/02/2023

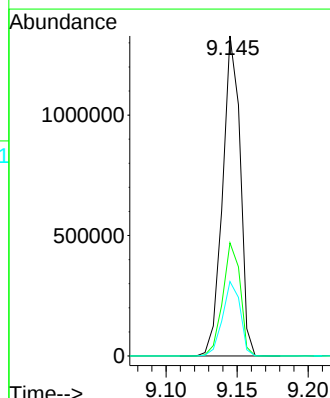
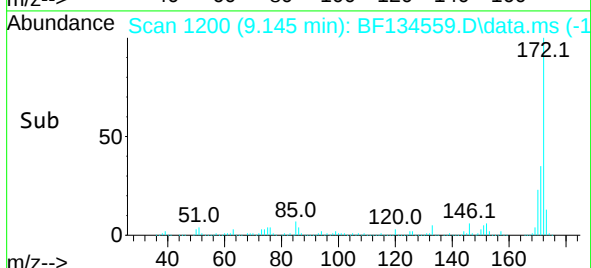
Supervised By :mohammad ahmed 08/02/2023

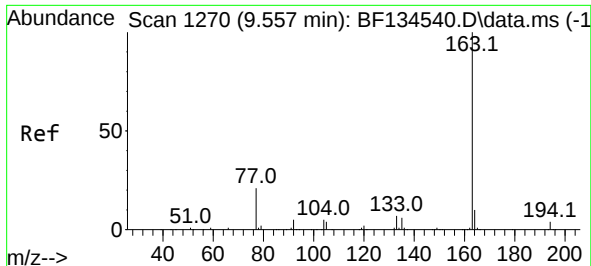


#45
2-Fluorobiphenyl
Concen: 47.704 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59



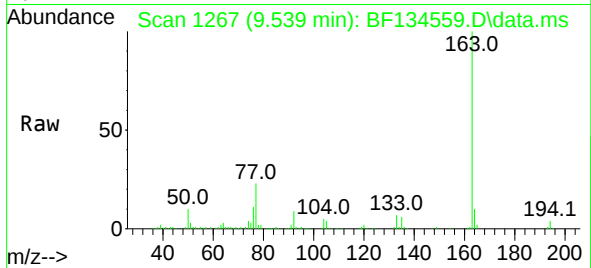
Tgt Ion:172 Resp: 1140054
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.3 18.7 28.1





#50
Dimethylphthalate
Concen: 3.142 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

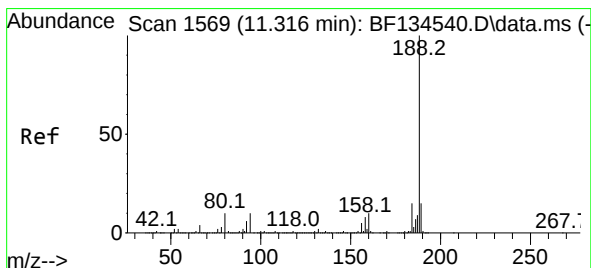
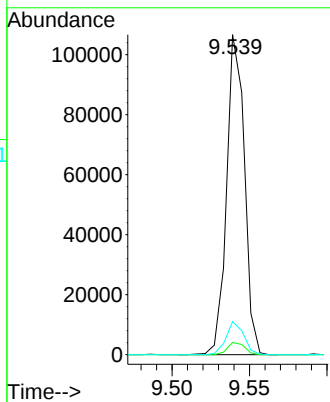
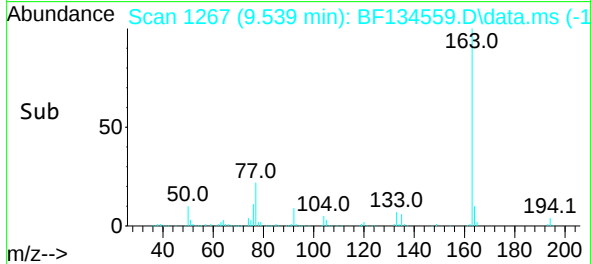
Instrument :
BNA_F
ClientSampleId :
B-P6BRE



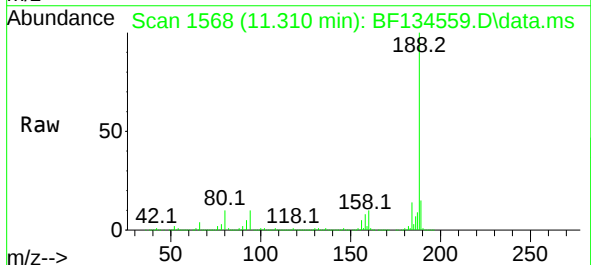
Tgt Ion:163 Resp: 8509
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 7.5 11.3

Manual Integrations
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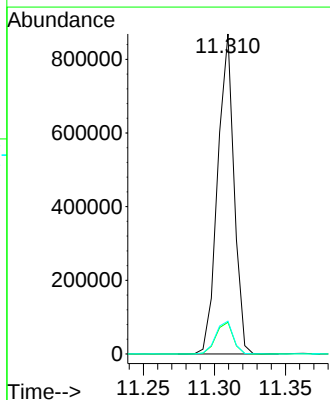
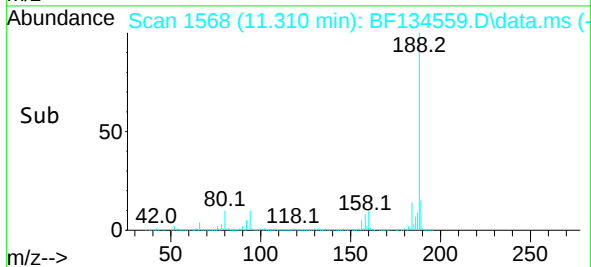
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

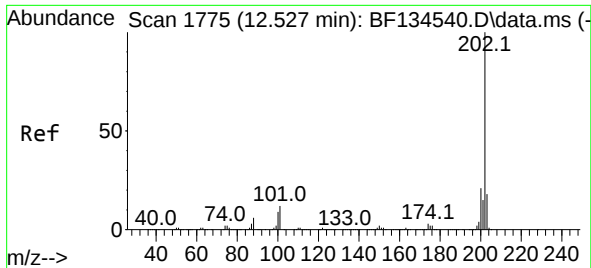


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59



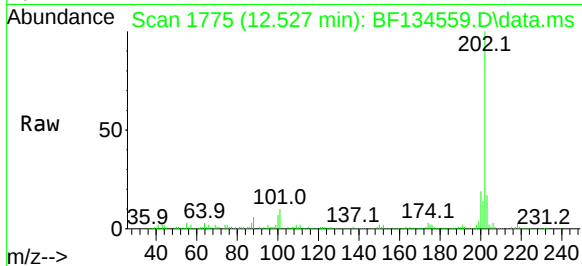
Tgt Ion:188 Resp: 695715
Ion Ratio Lower Upper
188 100
94 9.9 5.1 7.7#
80 10.2 6.6 9.8#





#75
Fluoranthene
Concen: 2.238 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

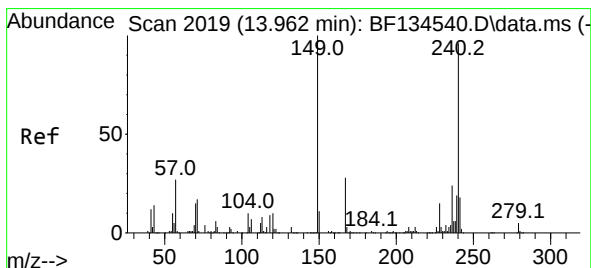
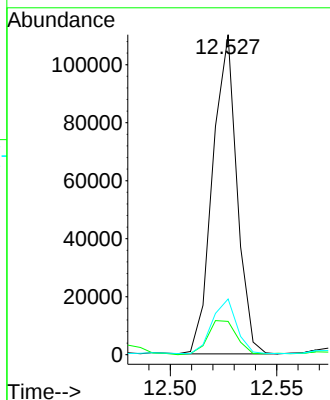
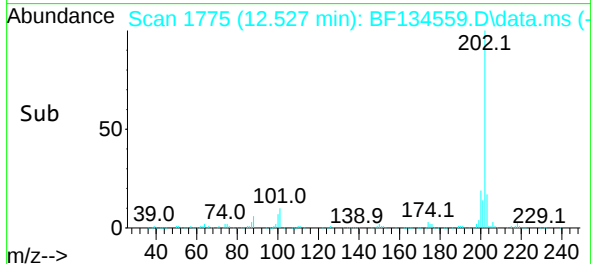
Instrument :
BNA_F
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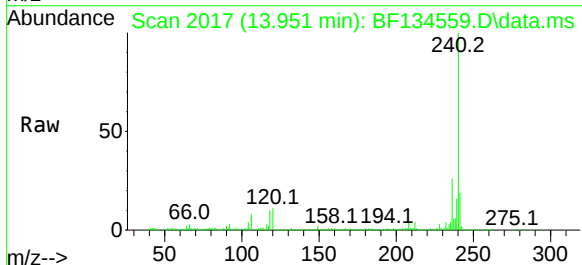
Tgt Ion:202 Resp: 87370
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.5
203 17.4 0.0 37.5

Manual Integrations
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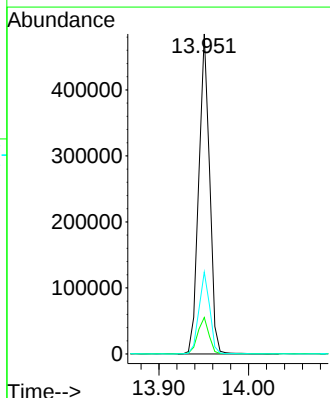
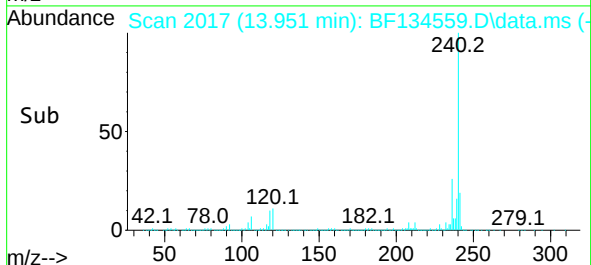
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

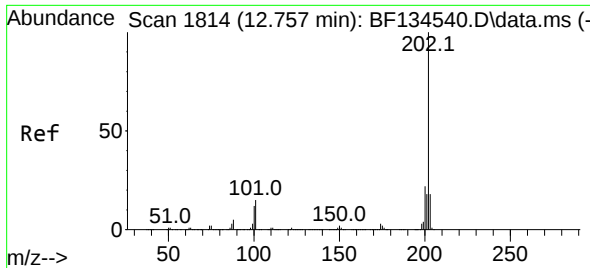


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59



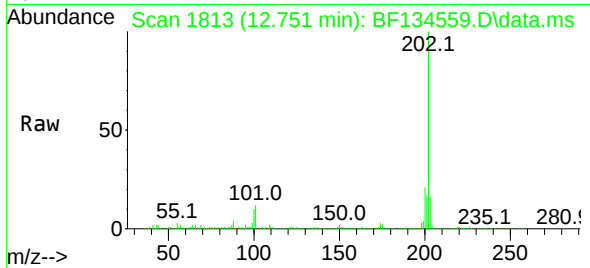
Tgt Ion:240 Resp: 406496
Ion Ratio Lower Upper
240 100
120 11.4 6.6 10.0#
236 25.6 20.2 30.2





#78
Pyrene
Concen: 3.683 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

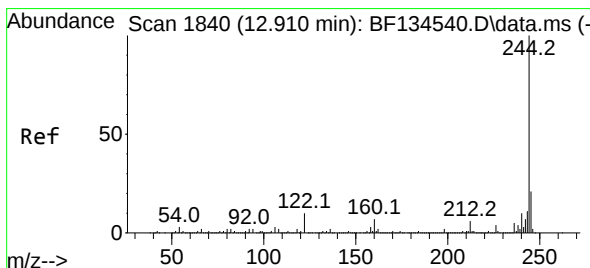
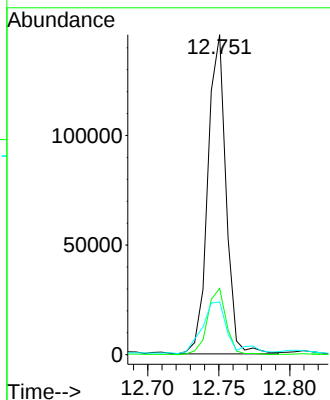
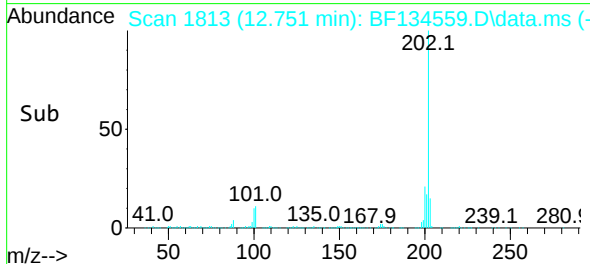
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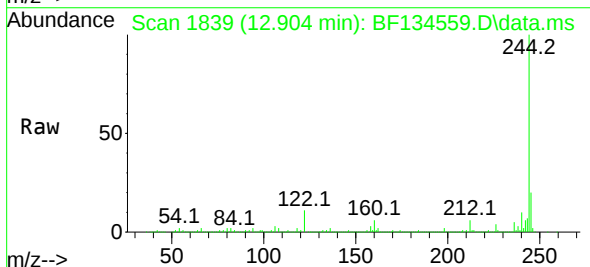
Tgt Ion:202 Resp: 129564
Ion Ratio Lower Upper
202 100
200 20.7 15.8 23.8
203 16.5 13.5 20.3

Manual Integrations
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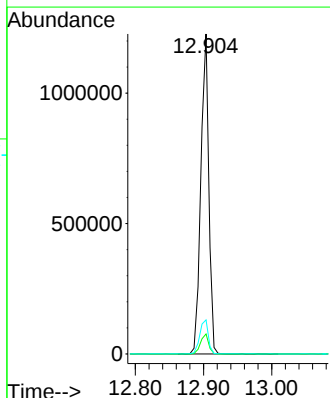
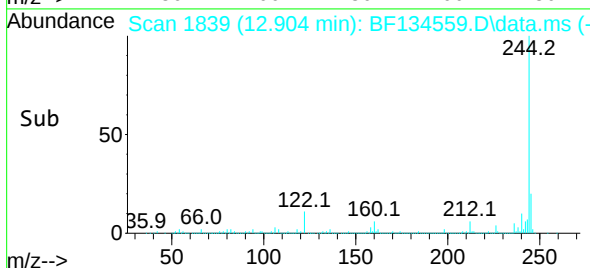
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

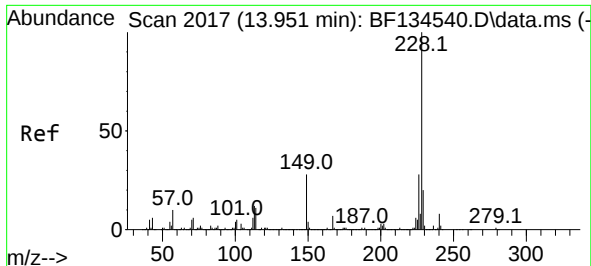


#79
Terphenyl-d14
Concen: 43.184 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59



Tgt Ion:244 Resp: 995776
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.7 8.0 12.0





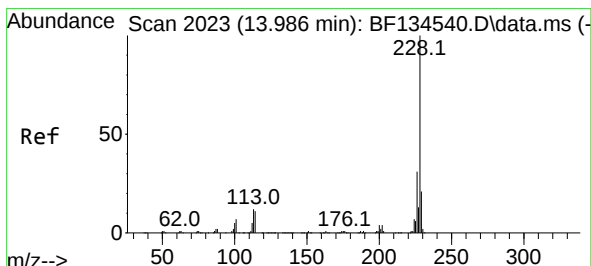
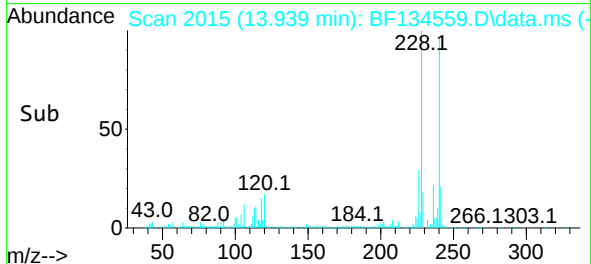
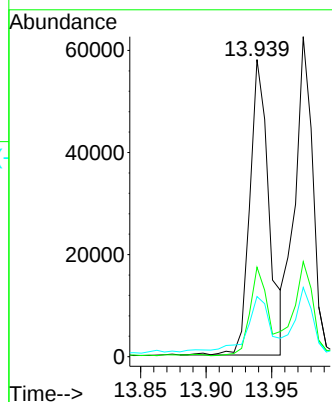
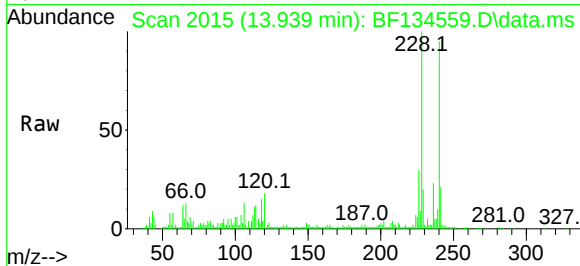
#81
Benzo(a)anthracene
Concen: 2.025 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

Instrument :
BNA_F
ClientSampleId :
B-P6BRE

Tgt Ion:228 Resp: 5886
Ion Ratio Lower Upper
228 100
226 30.1 22.3 33.5
229 20.2 15.8 23.6

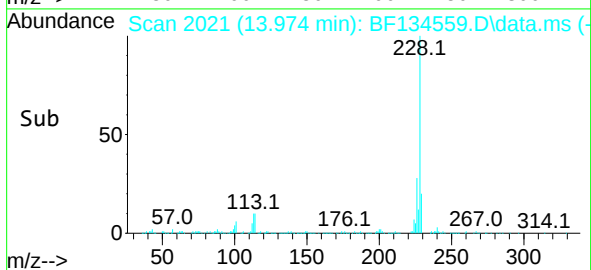
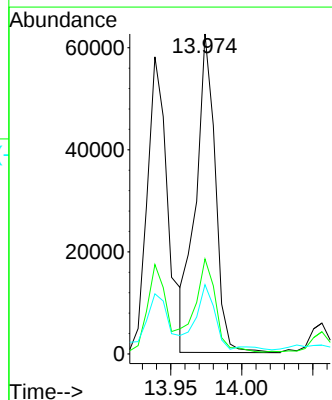
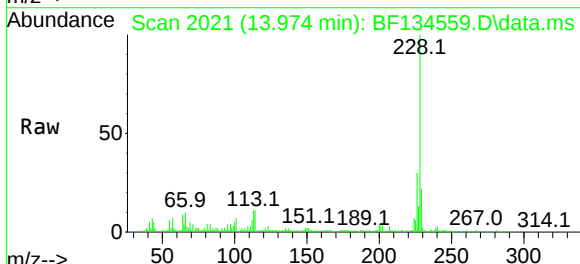
Manual Integrations
APPROVED

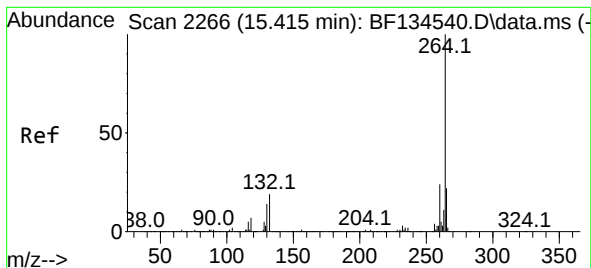
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#83
Chrysene
Concen: 2.105 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

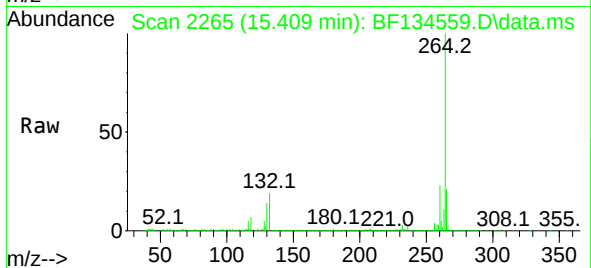
Tgt Ion:228 Resp: 59621
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 21.6 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

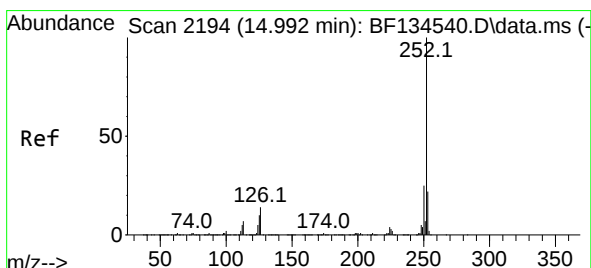
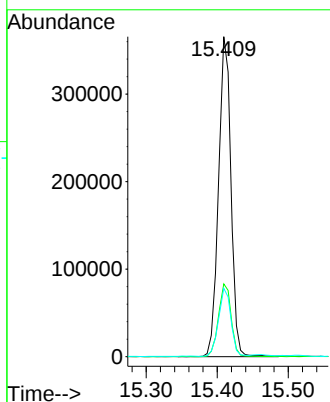
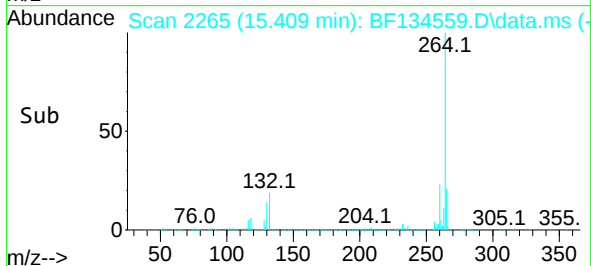
Instrument :
BNA_F
ClientSampleId :
B-P6BRE



Tgt Ion:264 Resp: 44122
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 21.3 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#88
Benzo(b)fluoranthene
Concen: 2.186 ng m
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF134559.D
Acq: 01 Aug 2023 20:59

Tgt Ion:252 Resp: 58829
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 15.6 6.0 9.0#

