

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131984.D
 Acq On : 10 Jan 2023 02:18
 Operator : CG\JU
 Sample : 01048-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-010523

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/10/2023
 Supervised By :Jagrut Upadhyay 01/10/2023

Quant Time: Jan 10 04:23:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	61202	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	201784	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	96503	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	155673	20.000	ng	0.00
76) Chrysene-d12	13.974	240	131814	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	101971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	377295	101.582	ng	0.00
7) Phenol-d6	6.428	99	468269	95.088	ng	0.00
23) Nitrobenzene-d5	7.357	82	316822	65.165	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	92573	83.431	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	528610	73.946	ng	0.00
79) Terphenyl-d14	12.916	244	483487	52.572	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.351	178	26752	3.296	ng	98
75) Fluoranthene	12.545	202	36914	4.045	ng	99
78) Pyrene	12.774	202	30376	2.527	ng	98
88) Benzo(b)fluoranthene	15.015	252	15948m	2.280	ng	
92) Benzo(g,h,i)perylene	17.351	276	5352	4.408	ng	# 78

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

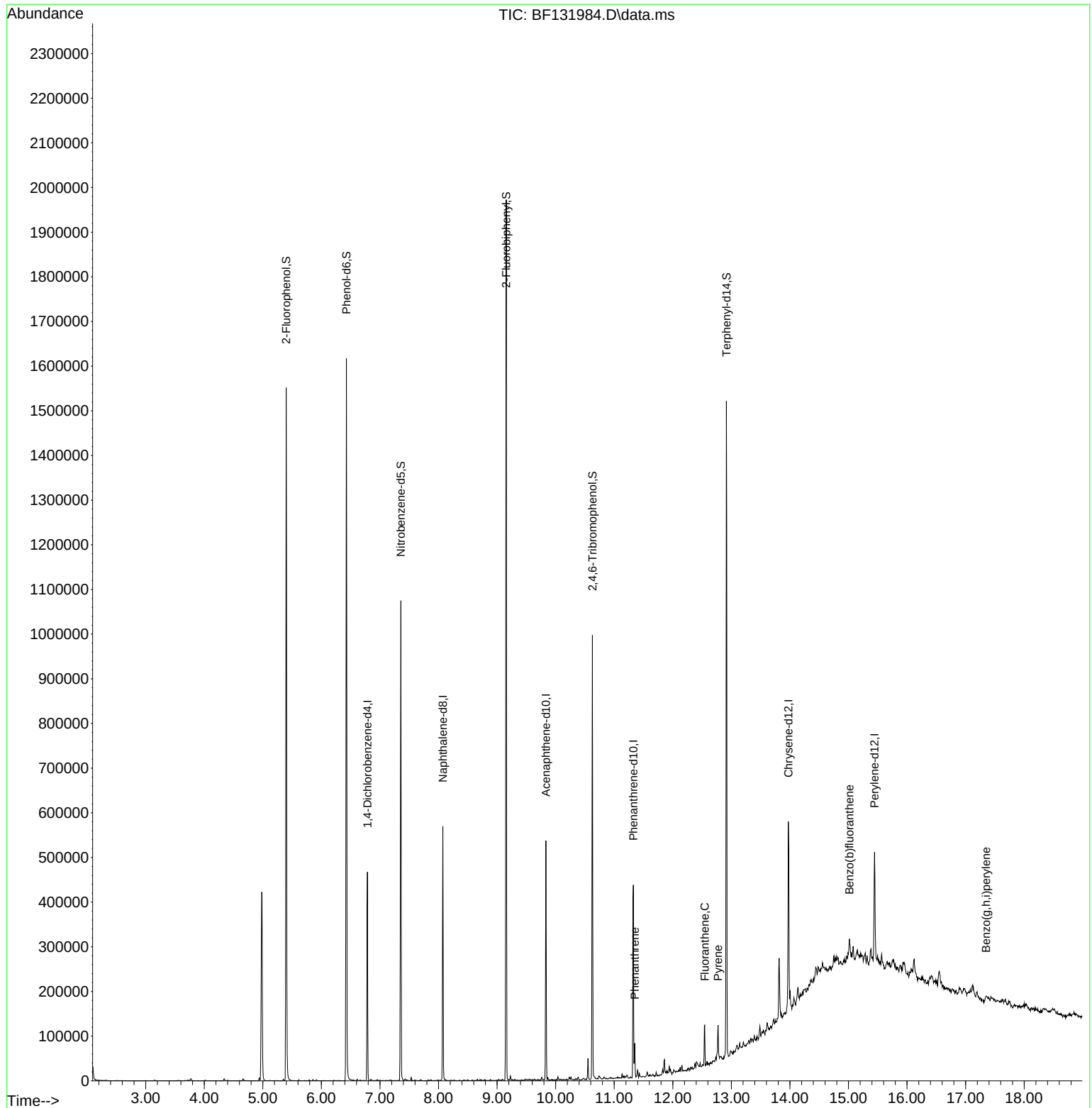
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131984.D
Acq On : 10 Jan 2023 02:18
Operator : CG\JU
Sample : 01048-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

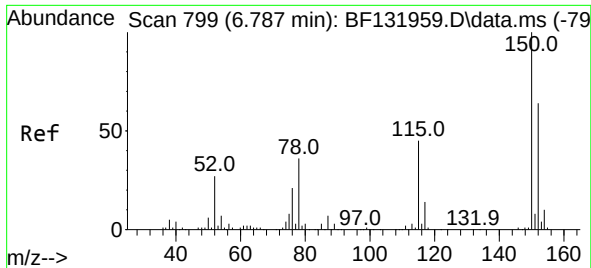
Instrument :
BNA_F
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CL-01-010523

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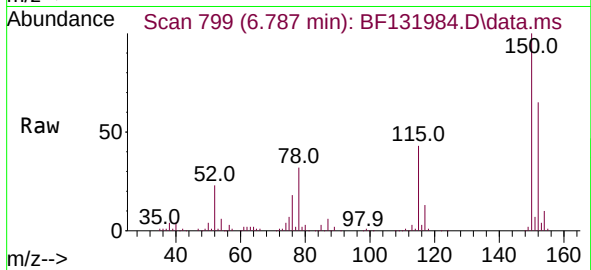
Quant Time: Jan 10 04:23:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

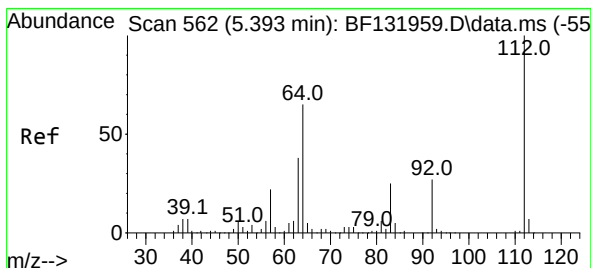
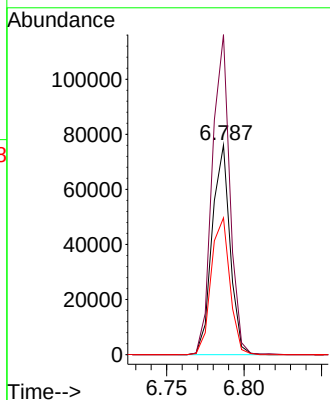
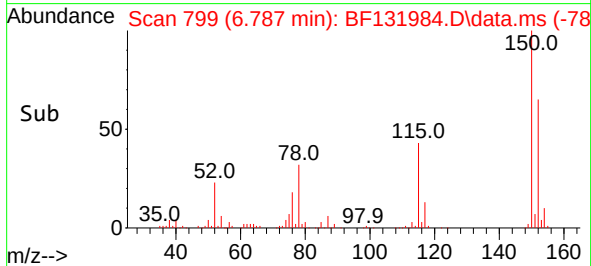
Instrument :
BNA_F
ClientSampleId :
CL-01-010523



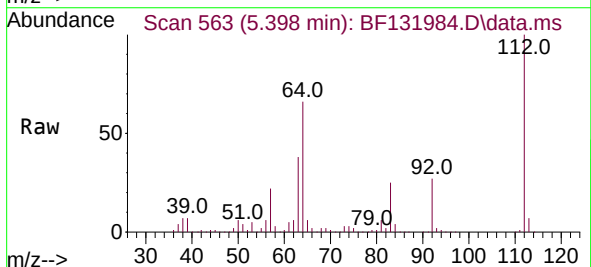
Tgt Ion:152 Resp: 61202
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 65.3 55.6 83.4

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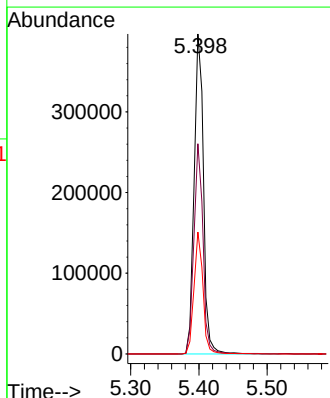
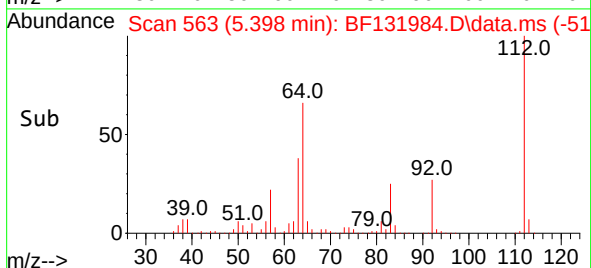
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

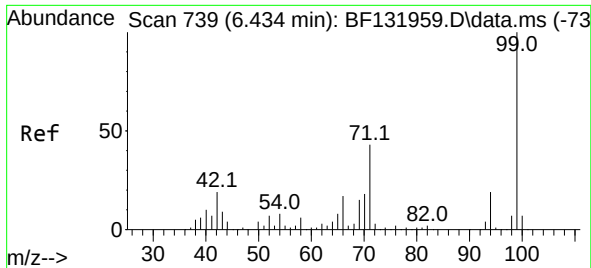


#5
2-Fluorophenol
Concen: 101.582 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18



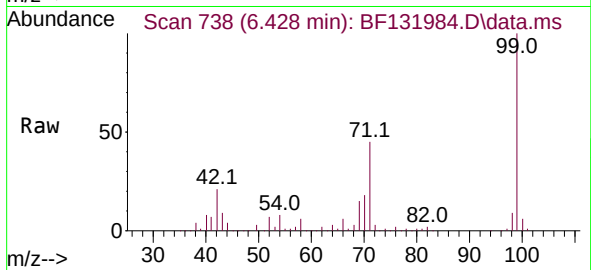
Tgt Ion:112 Resp: 377295
Ion Ratio Lower Upper
112 100
64 65.7 51.9 77.9
63 38.1 30.2 45.2





#7
Phenol-d6
Concen: 95.088 ng
RT: 6.428 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

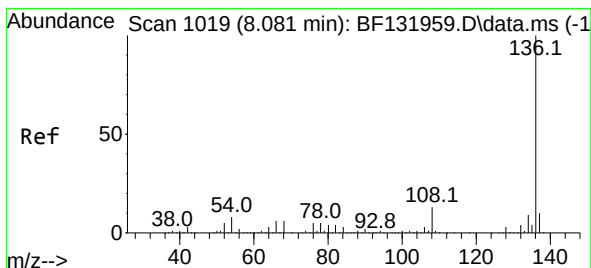
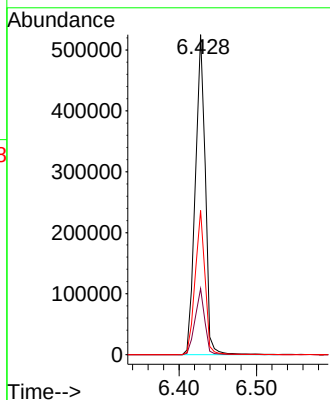
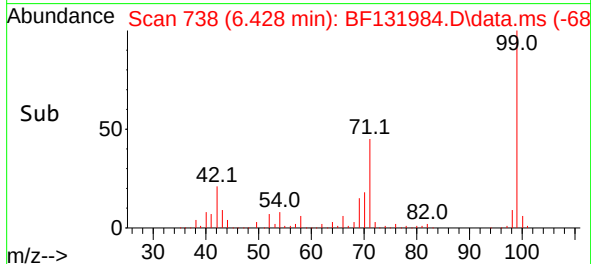
Instrument :
BNA_F
ClientSampleId :
CL-01-010523



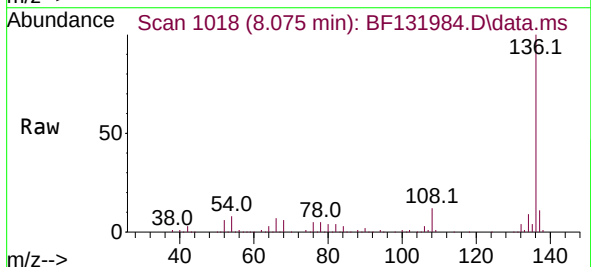
Tgt Ion: 99 Resp: 468269
Ion Ratio Lower Upper
99 100
42 20.6 15.4 23.2
71 45.0 34.6 51.8

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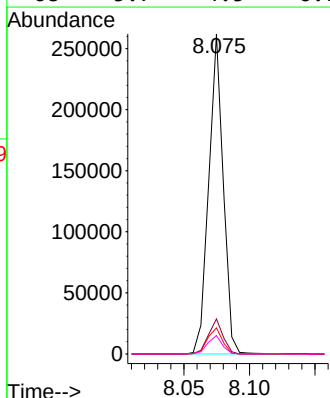
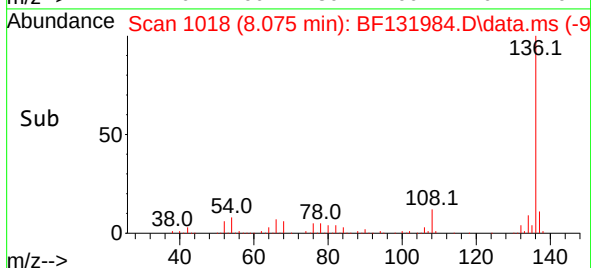
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

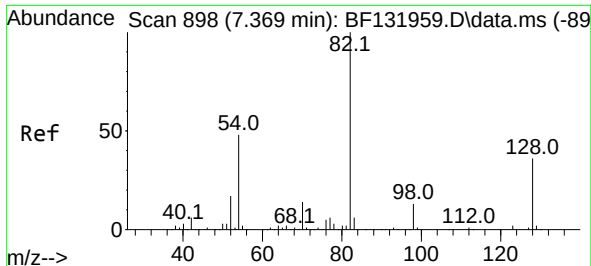


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18



Tgt Ion:136 Resp: 201784
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 8.2 6.6 9.8
68 5.7 4.5 6.7





#23
Nitrobenzene-d5
Concen: 65.165 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

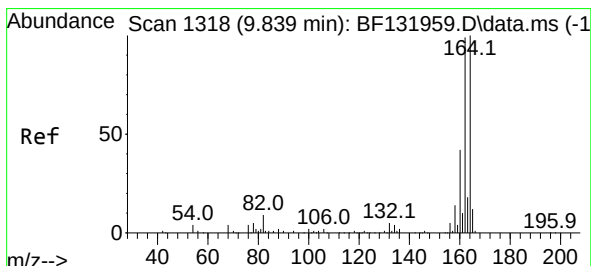
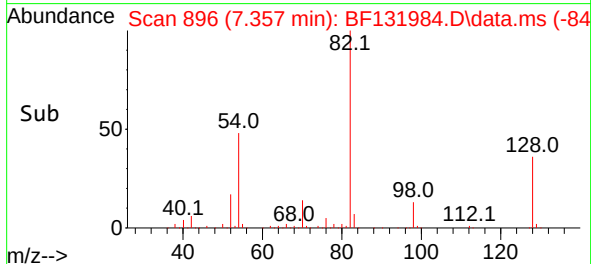
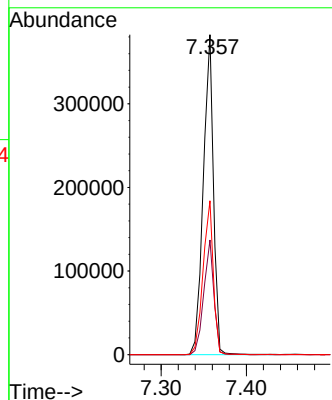
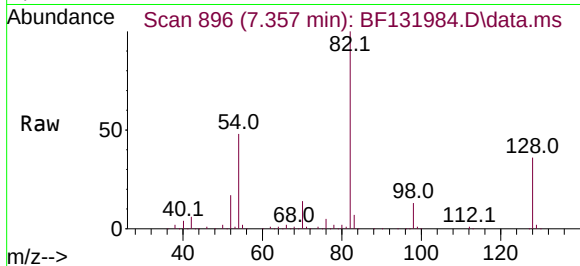
ClientSampleId :

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Tgt Ion: 82 Resp: 316822
Ion Ratio Lower Upper
82 100
128 35.8 28.7 43.1
54 48.1 38.1 57.1

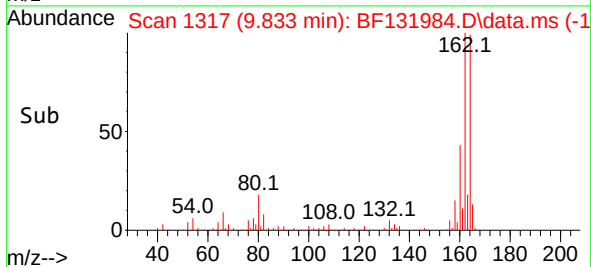
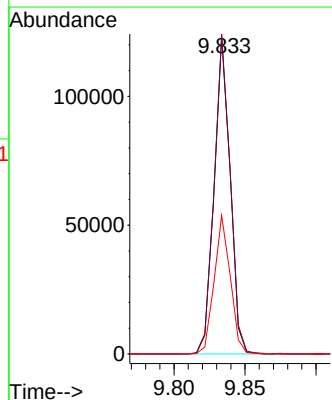
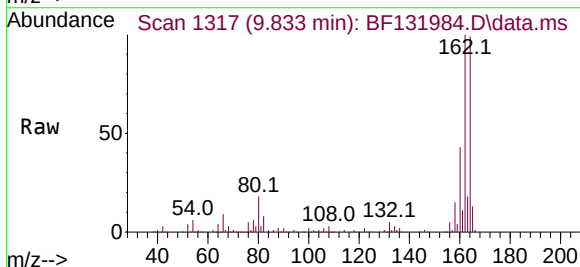
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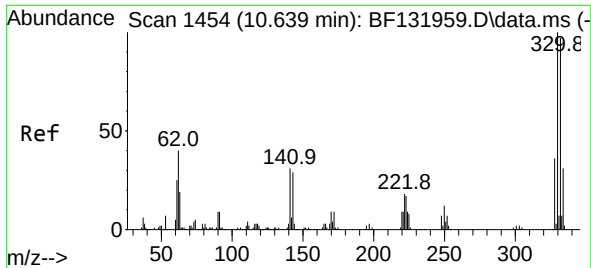
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion:164 Resp: 96503
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 43.6 33.9 50.9





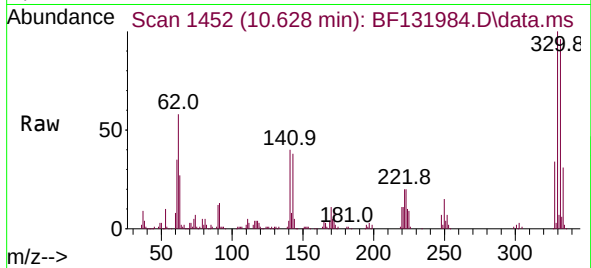
#42
2,4,6-Tribromophenol
Concen: 83.431 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

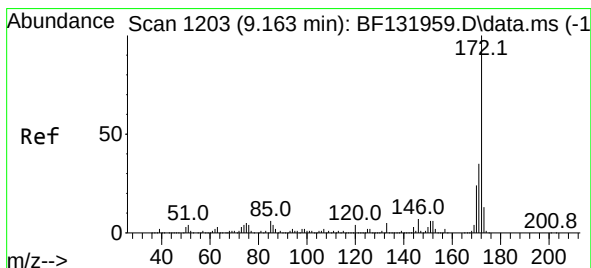
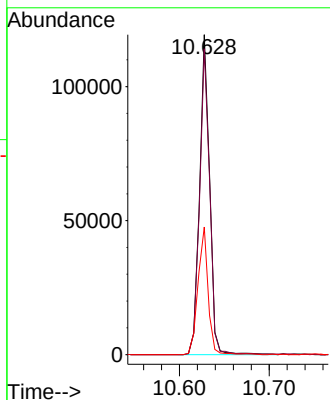
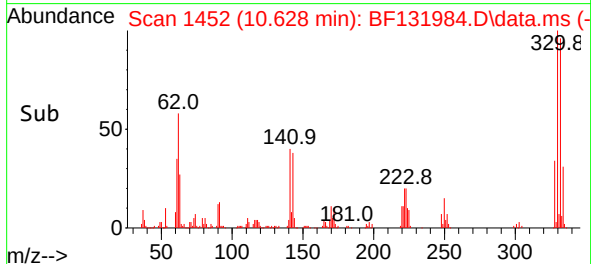


Tgt Ion:330 Resp: 92573
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 40.3 31.3 46.9

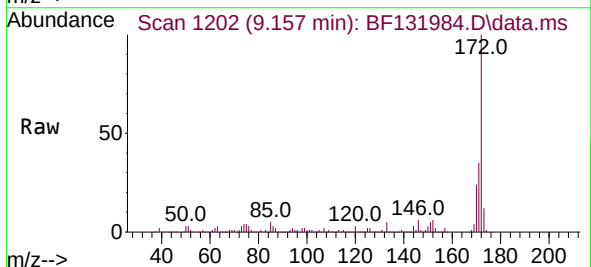
Manual Integrations

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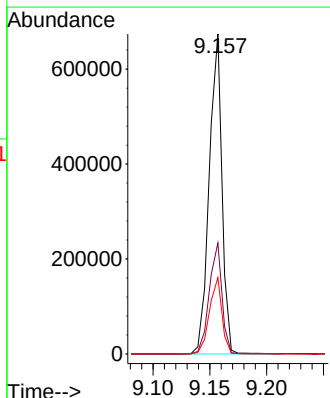
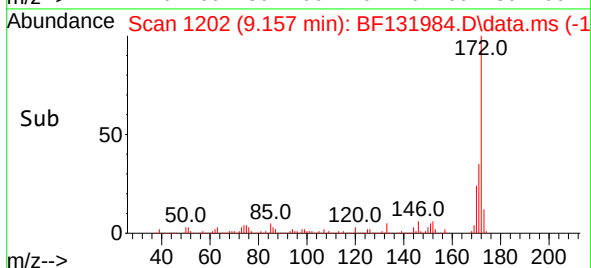
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Supervised By :Jagrut Upadhyay 01/10/2023

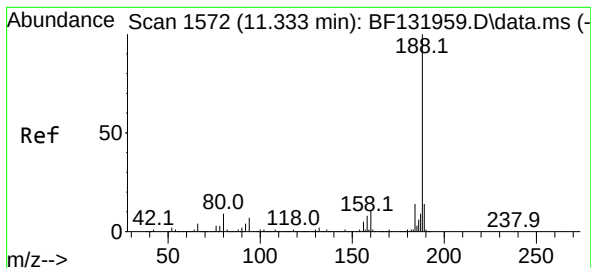


#45
2-Fluorobiphenyl
Concen: 73.946 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18



Tgt Ion:172 Resp: 528610
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

Tgt Ion:188 Resp: 155673

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

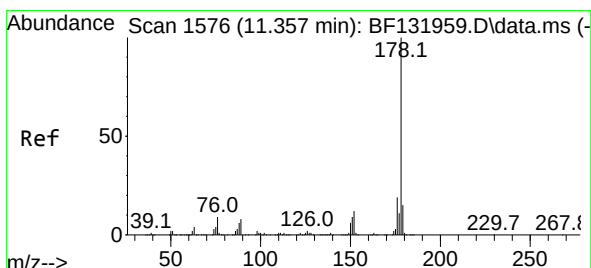
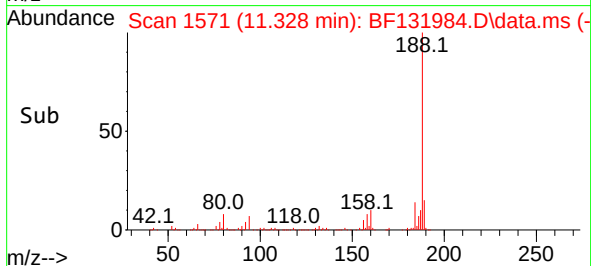
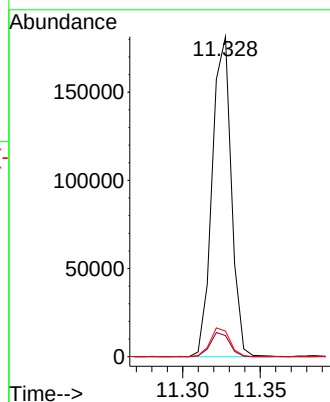
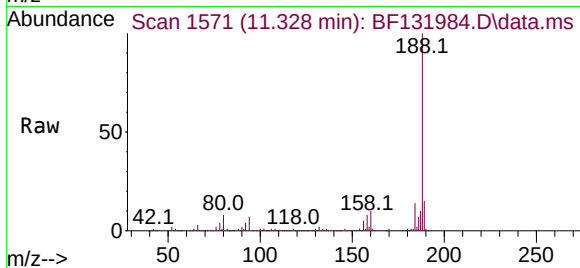
80 8.0 7.4 11.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/10/2023



#71

Phenanthrene

Concen: 3.296 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

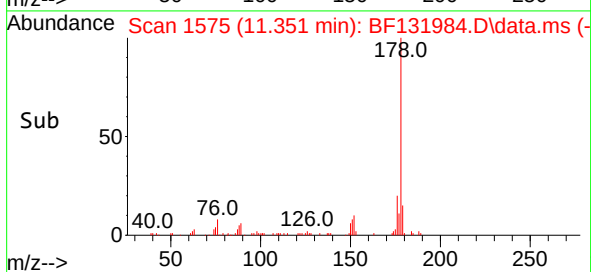
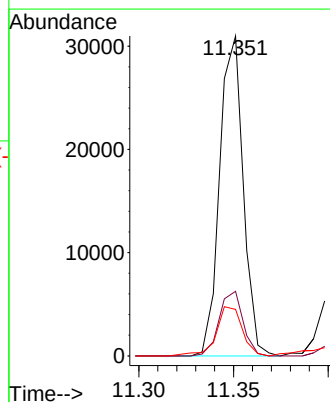
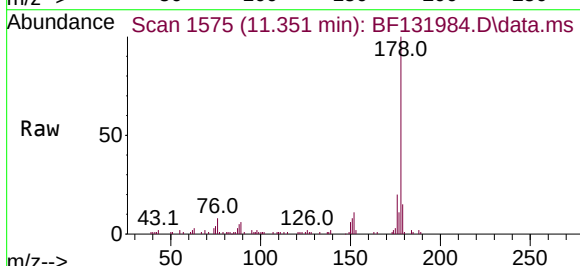
Tgt Ion:178 Resp: 26752

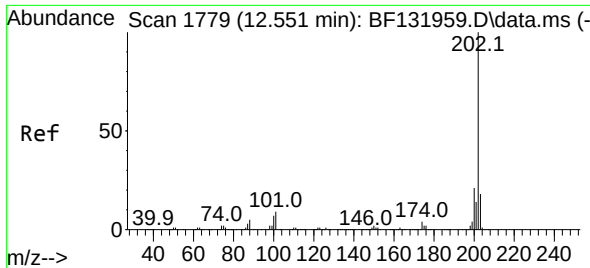
Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

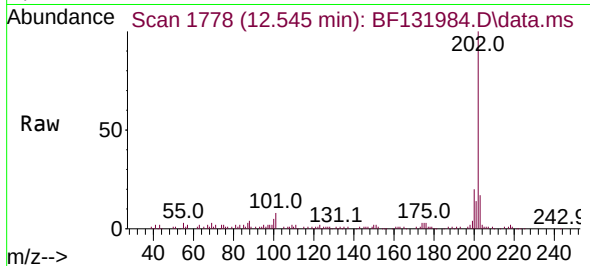
179 14.5 12.4 18.6





#75
Fluoranthene
Concen: 4.045 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

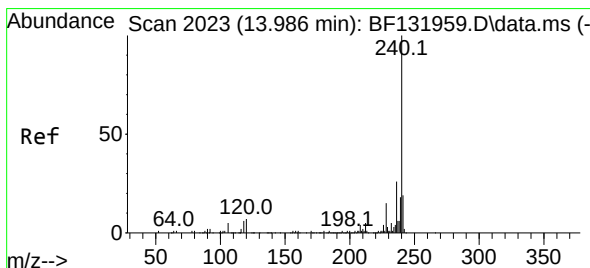
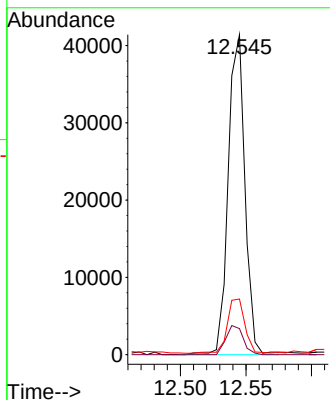
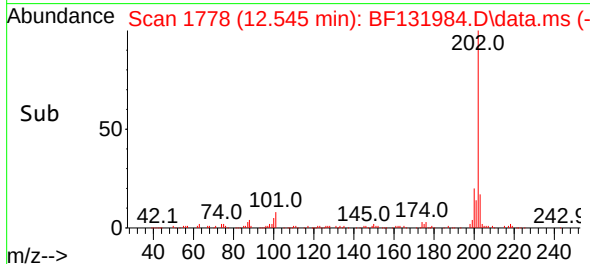
Instrument :
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ClientSampleId :
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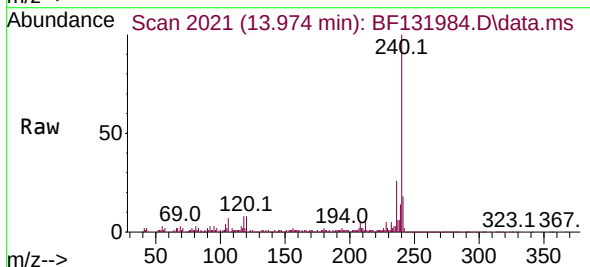
Tgt Ion:202 Resp: 36914
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.8
203 17.4 0.0 37.6

Manual Integrations
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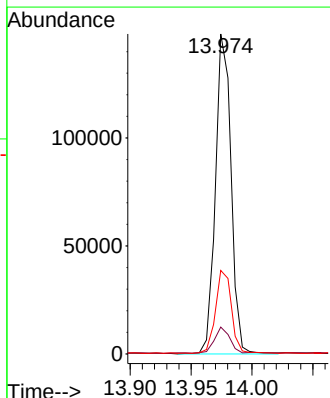
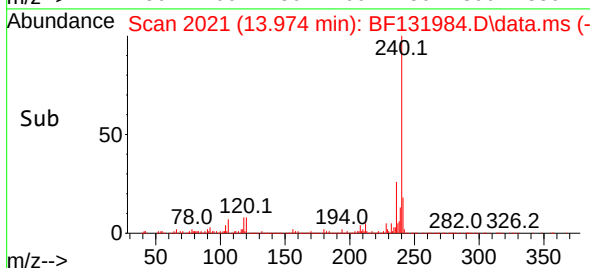
Reviewed By :Christian Giraldo 01/10/2023
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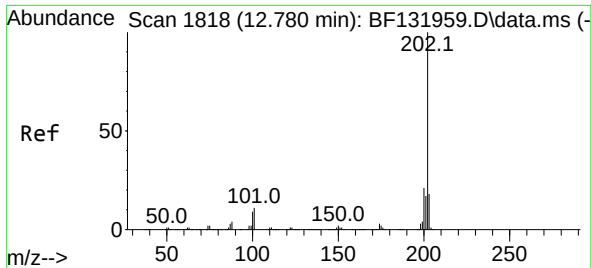


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18



Tgt Ion:240 Resp: 131814
Ion Ratio Lower Upper
240 100
120 8.4 5.4 8.0#
236 26.1 21.1 31.7





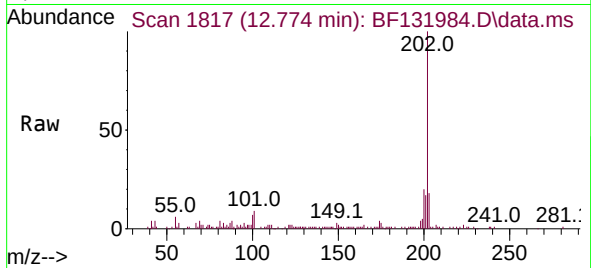
#78
Pyrene
Concen: 2.527 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

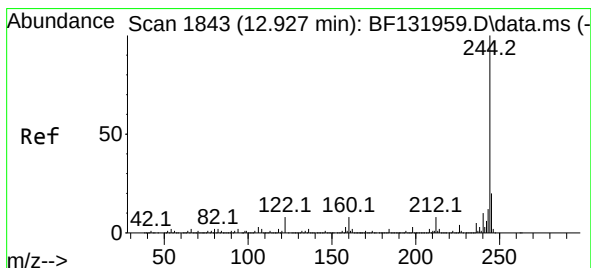
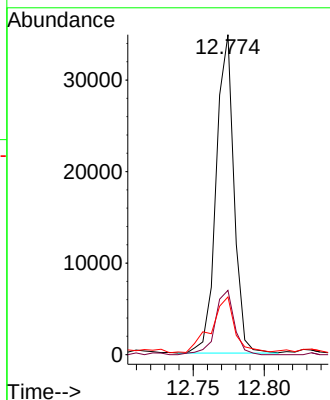
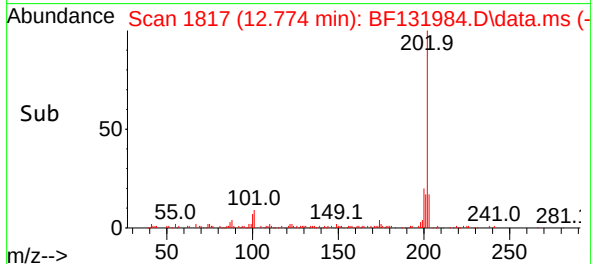


Tgt Ion:202 Resp: 30376
Ion Ratio Lower Upper
202 100
200 20.1 17.0 25.6
203 18.0 14.1 21.1

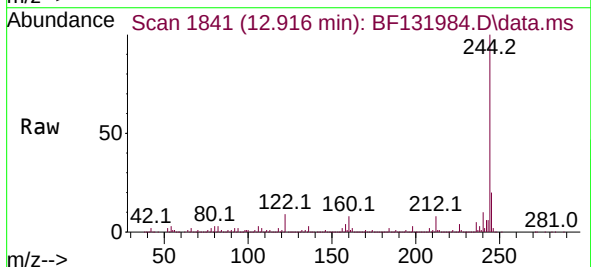
Manual Integrations

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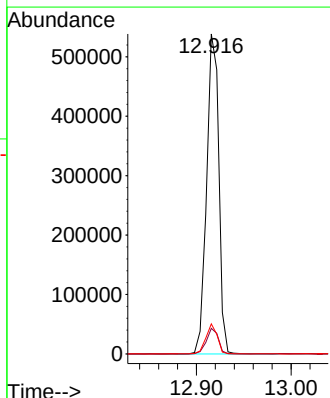
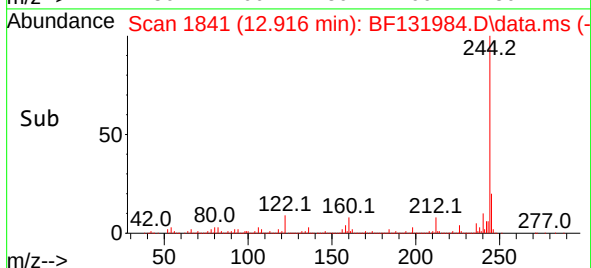
Reviewed By :Christian Giraldo 01/10/2023
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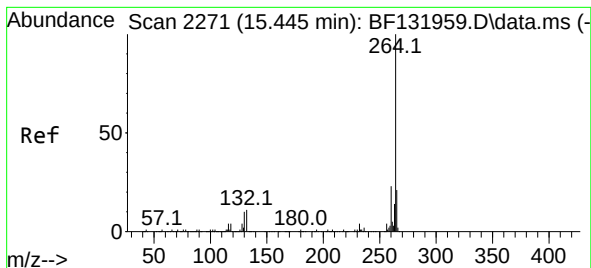


#79
Terphenyl-d14
Concen: 52.572 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18



Tgt Ion:244 Resp: 483487
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 9.4 6.8 10.2





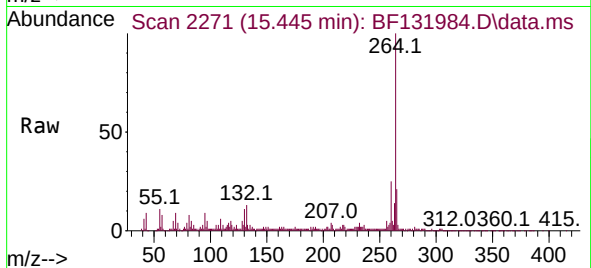
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

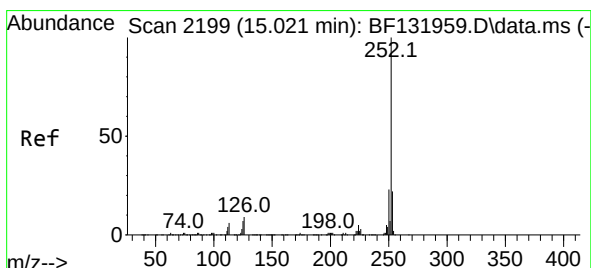
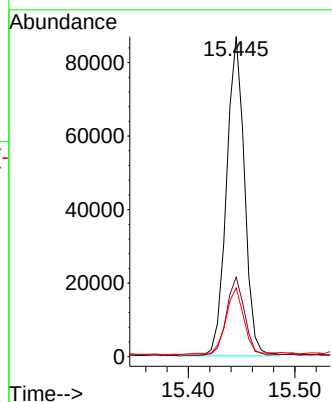
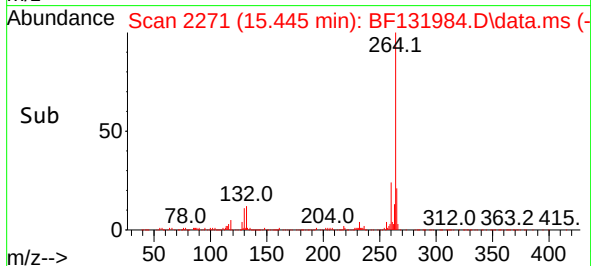


Tgt Ion:264 Resp: 10197
Ion Ratio Lower Upper
264 100
260 24.8 18.3 27.5
265 21.4 16.9 25.3

Manual Integrations

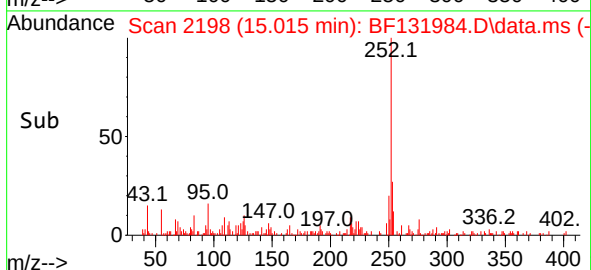
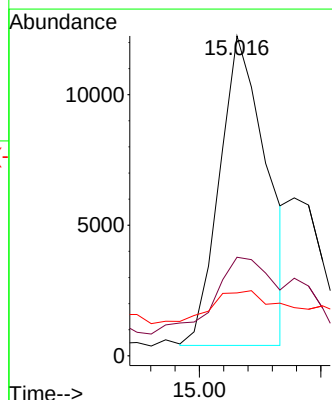
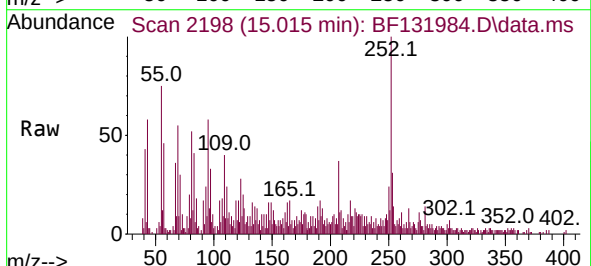
APPROVED

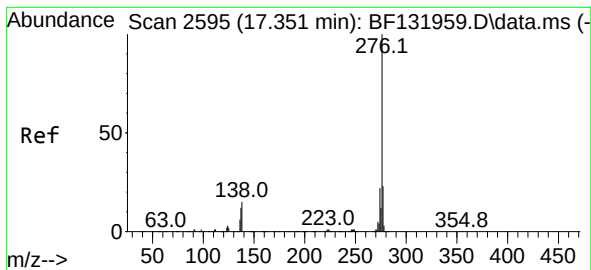
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#88
Benzo(b)fluoranthene
Concen: 2.280 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

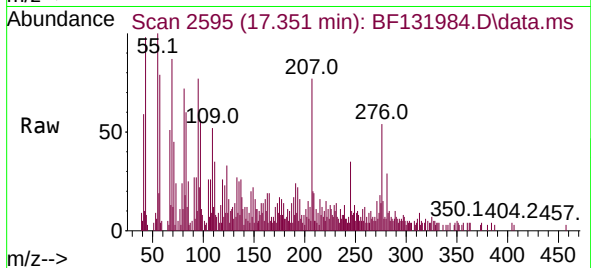
Tgt Ion:252 Resp: 15948
Ion Ratio Lower Upper
252 100
253 30.8 18.0 27.0#
125 19.7 5.8 8.6#





#92
 Benzo(g,h,i)perylene
 Concen: 4.408 ng
 RT: 17.351 min Scan# 2595
 Delta R.T. -0.000 min
 Lab File: BF131984.D
 Acq: 10 Jan 2023 02:18

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-010523



Tgt Ion: 276 Resp: 5352

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.2	27.2
138	31.7	11.7	17.5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/10/2023
 Supervised By : Jagrut Upadhyay 01/10/2023

