

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131994.D
 Acq On : 10 Jan 2023 13:11
 Operator : CG\JU
 Sample : 01048-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-010523RE

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023

Quant Time: Jan 10 14:23:14 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	6.786	152	66643	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	237029	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	117529	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	186021	20.000	ng	0.00
76) Chrysene-d12	13.974	240	141577	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	113687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	423656	104.751	ng	0.00
7) Phenol-d6	6.428	99	538766	100.471	ng	0.00
23) Nitrobenzene-d5	7.357	82	381758	66.845	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	106330	78.686	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	617152	70.887	ng	0.00
79) Terphenyl-d14	12.915	244	529122	53.566	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.345	178	30805	3.177	ng	98
75) Fluoranthene	12.539	202	39582	3.629	ng	98
78) Pyrene	12.774	202	33480	2.593	ng	97
88) Benzo(b)fluoranthene	15.015	252	18168m	2.330	ng	
92) Benzo(g,h,i)perylene	17.350	276	7185	4.589	ng	# 78

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

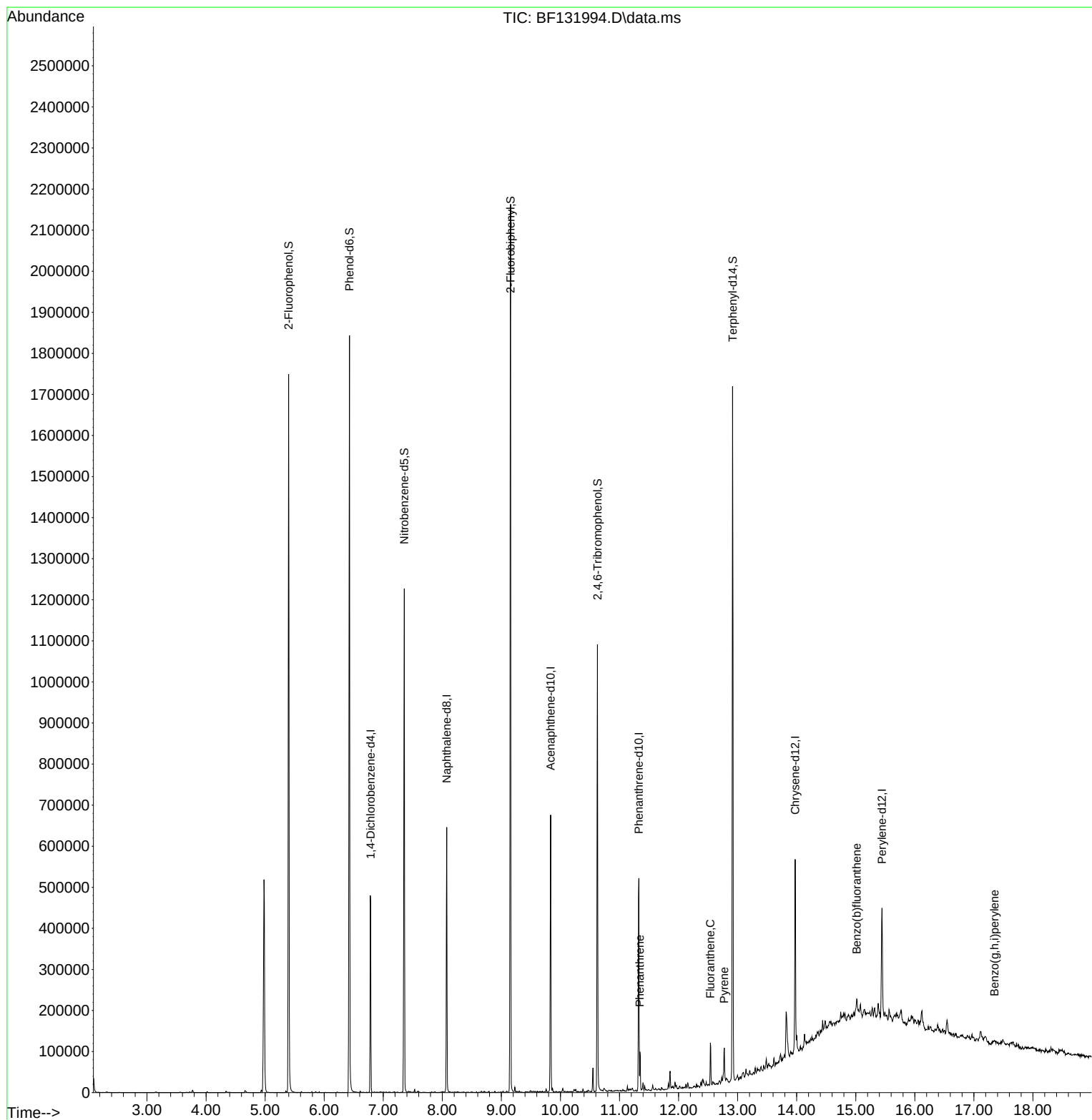
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF131994.D
Acq On : 10 Jan 2023 13:11
Operator : CG\JU
Sample : 01048-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

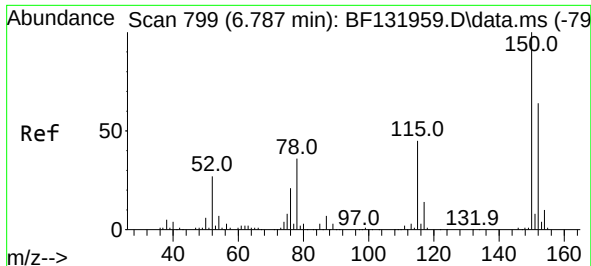
Instrument :
BNA_F
ClientSampleId :
CL-01-010523RE

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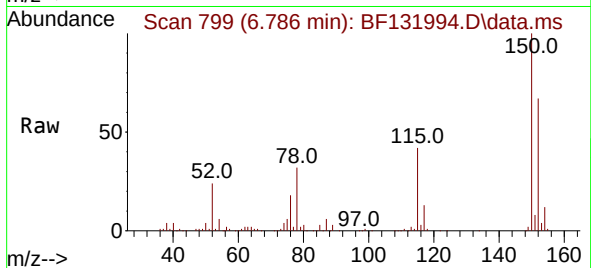
Quant Time: Jan 10 14:23:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11

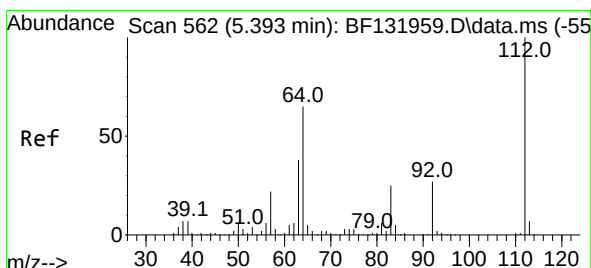
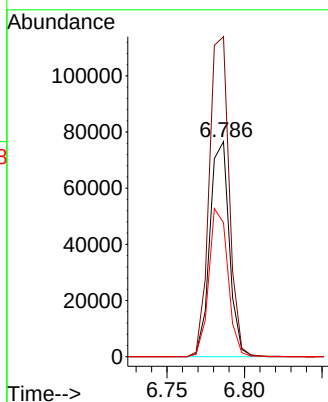
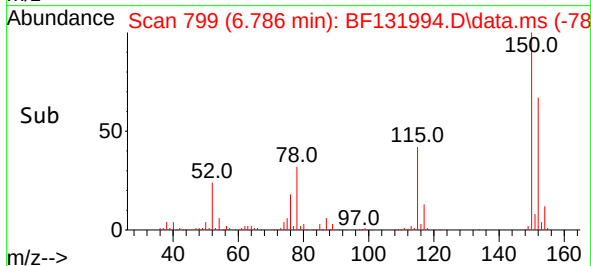
Instrument :
BNA_F
ClientSampleId :
CL-01-010523RE



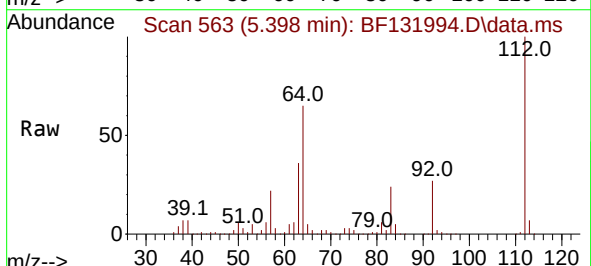
Tgt Ion:152 Resp: 6664
Ion Ratio Lower Upper
152 100
150 148.8 124.6 186.8
115 62.3 55.6 83.4

Manual Integrations
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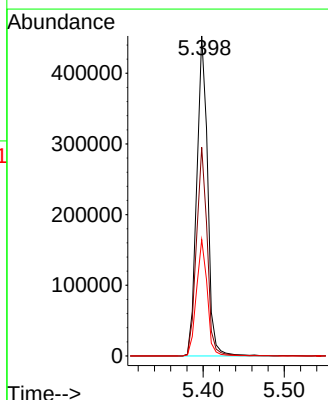
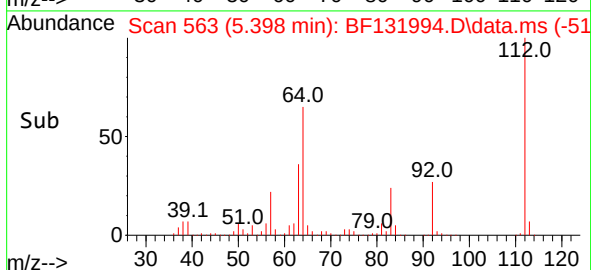
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

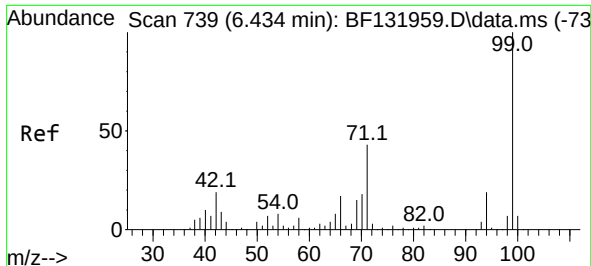


#5
2-Fluorophenol
Concen: 104.751 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11



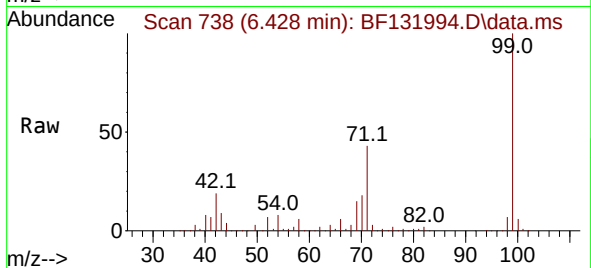
Tgt Ion:112 Resp: 423656
Ion Ratio Lower Upper
112 100
64 65.2 51.9 77.9
63 36.4 30.2 45.2





#7
Phenol-d6
Concen: 100.471 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11

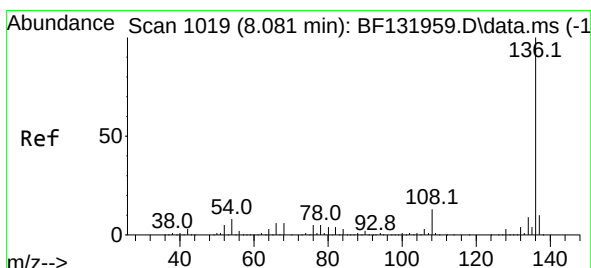
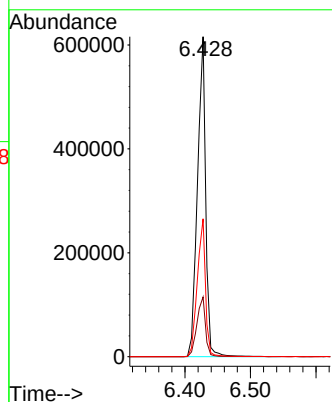
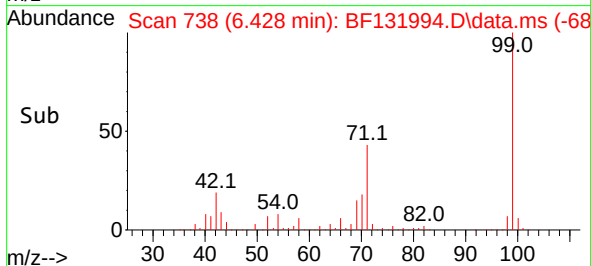
Instrument :
BNA_F
ClientSampleId :
CL-01-010523RE



Tgt Ion: 99 Resp: 538760
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.2
71 43.1 34.6 51.8

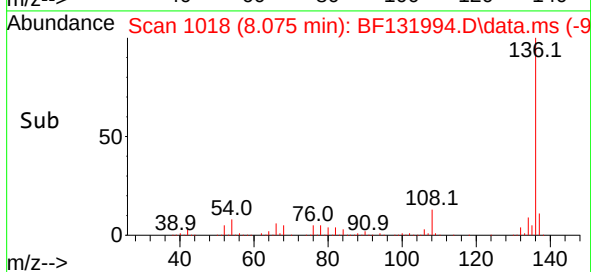
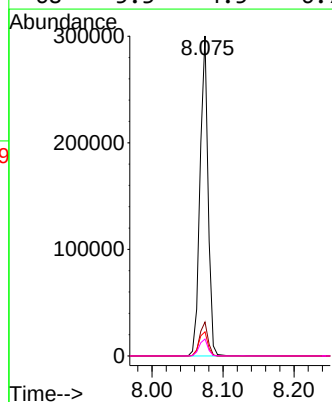
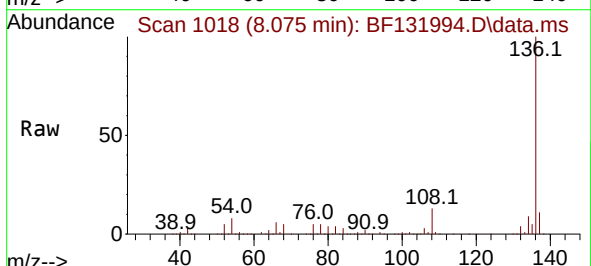
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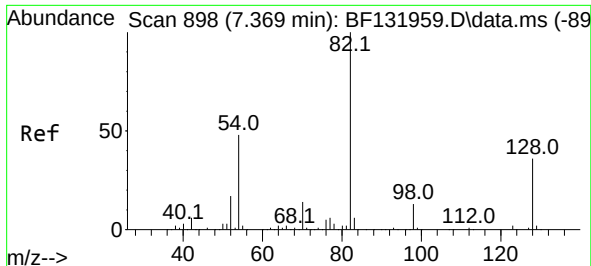
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11

Tgt Ion:136 Resp: 237029
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 7.5 6.6 9.8
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 66.845 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF131994.D

Acq: 10 Jan 2023 13:11

Instrument :

BNA_F

ClientSampleId :

CL-01-010523RE

Tgt Ion: 82 Resp: 381758

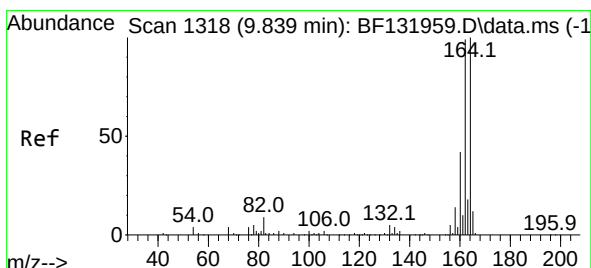
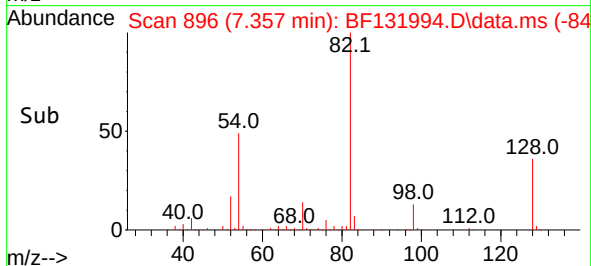
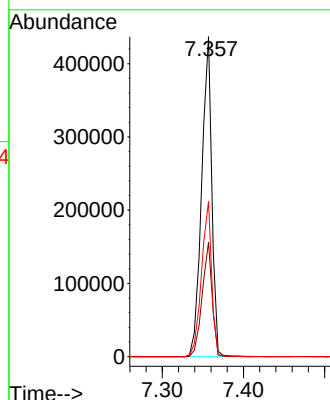
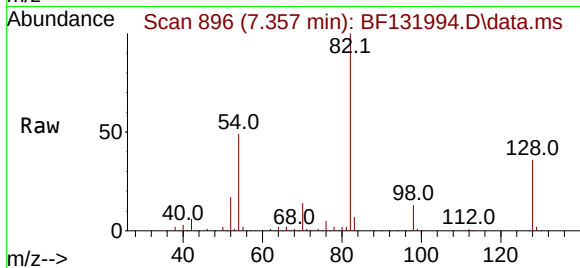
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.7	43.1
54	48.5	38.1	57.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

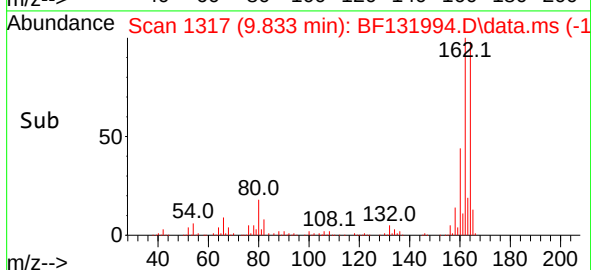
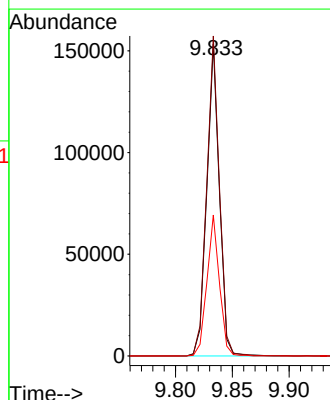
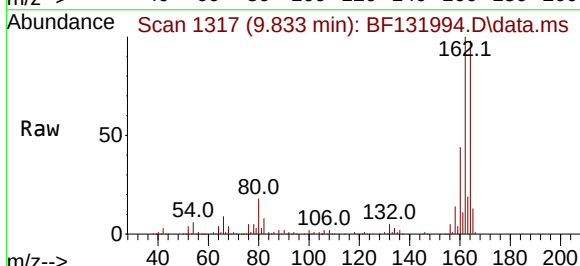
Delta R.T. -0.006 min

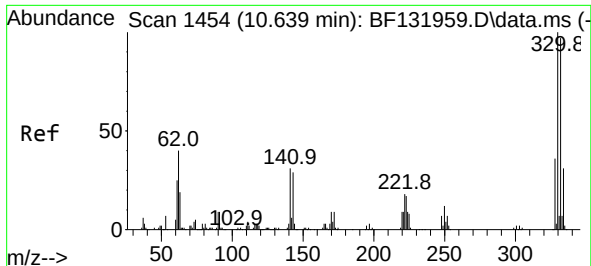
Lab File: BF131994.D

Acq: 10 Jan 2023 13:11

Tgt Ion:164 Resp: 117529

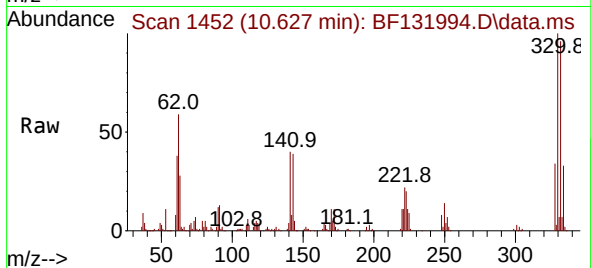
Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.4	119.0
160	45.2	33.9	50.9





#42
2,4,6-Tribromophenol
Concen: 78.686 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11

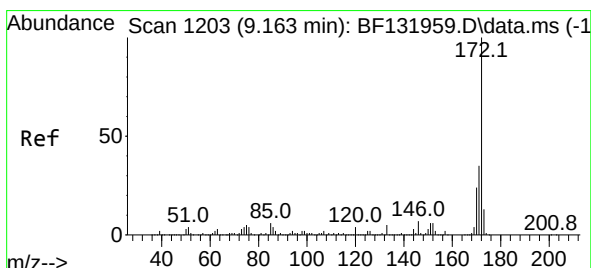
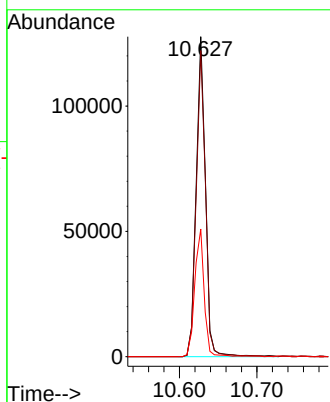
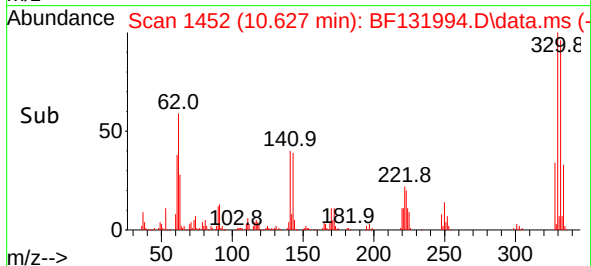
Instrument :
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ClientSampleId :
CL-01-010523RE



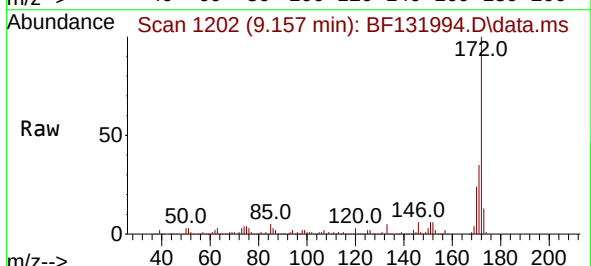
Tgt Ion: 330 Resp: 106330
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 40.8 31.3 46.9

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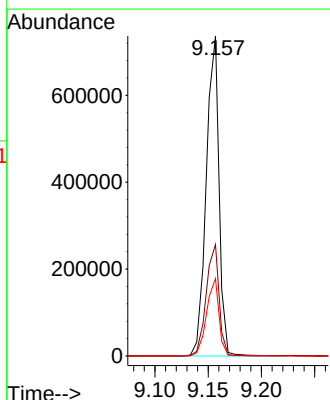
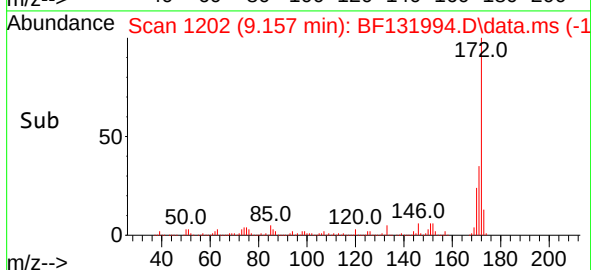
Reviewed By : Christian Giraldo 01/11/2023
Supervised By : Jagrut Upadhyay 01/11/2023

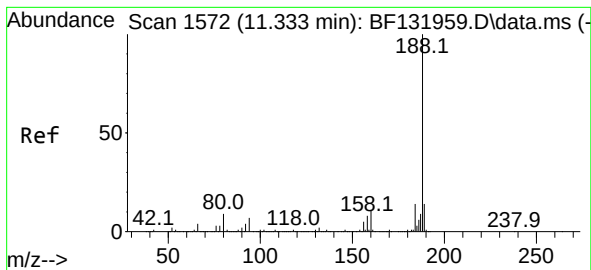


#45
2-Fluorobiphenyl
Concen: 70.887 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11



Tgt Ion: 172 Resp: 617152
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 24.2 18.9 28.3





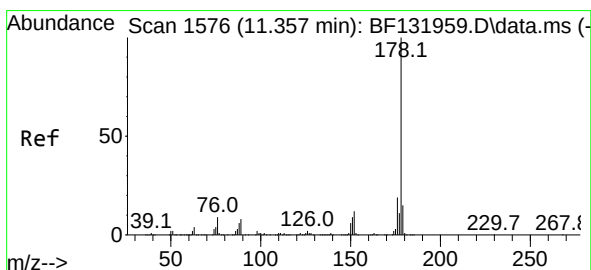
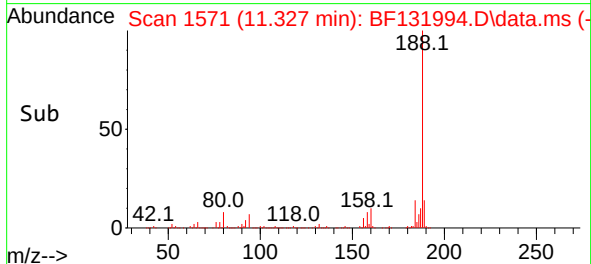
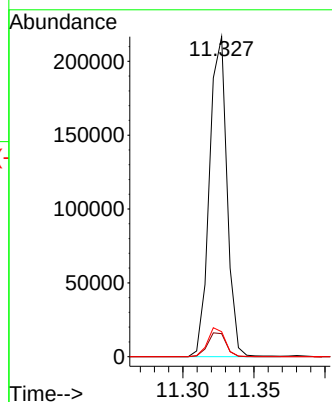
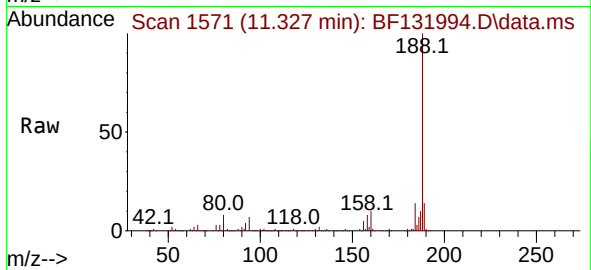
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11

Instrument :
BNA_F
ClientSampleId :
CL-01-010523RE

Tgt Ion:188 Resp: 18602
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 7.8 7.4 11.0

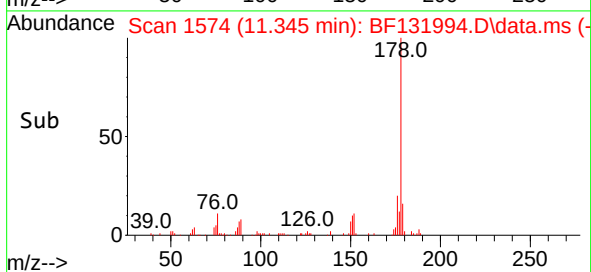
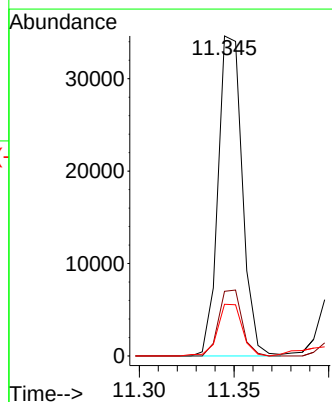
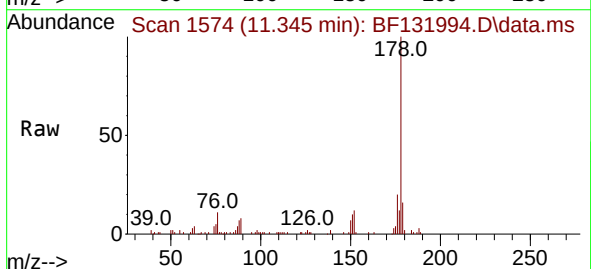
Manual Integrations
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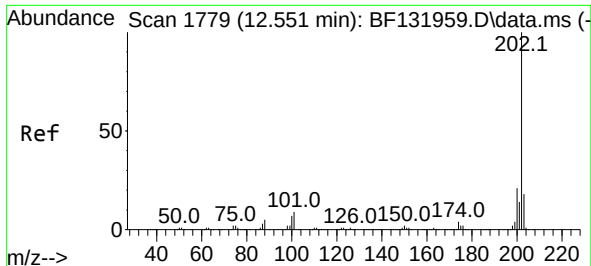
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#71
Phenanthrene
Concen: 3.177 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11

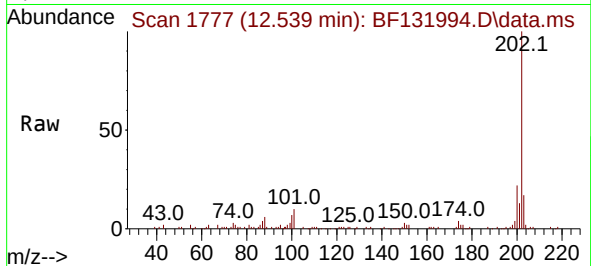
Tgt Ion:178 Resp: 30805
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.2 12.4 18.6





#75
Fluoranthene
Concen: 3.629 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11

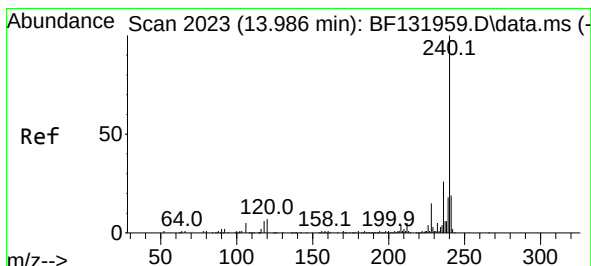
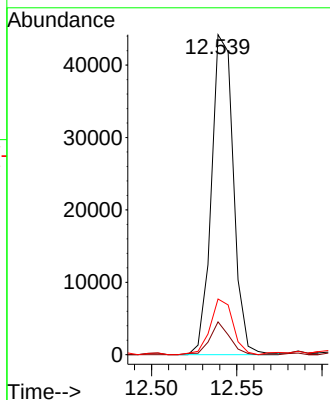
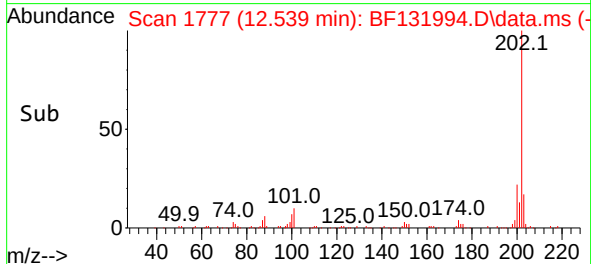
Instrument :
BNA_F
ClientSampleId :
CL-01-010523RE



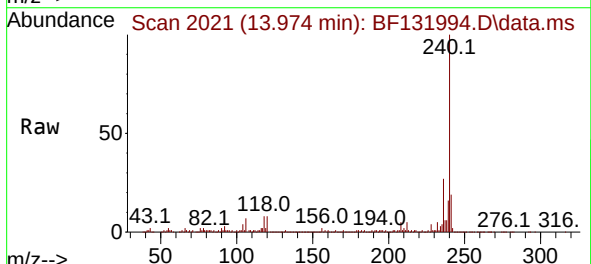
Tgt Ion:202 Resp: 3958
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.8
203 17.4 0.0 37.6

Manual Integrations
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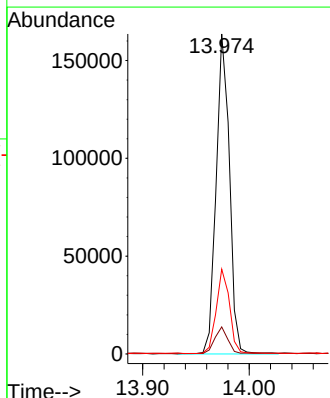
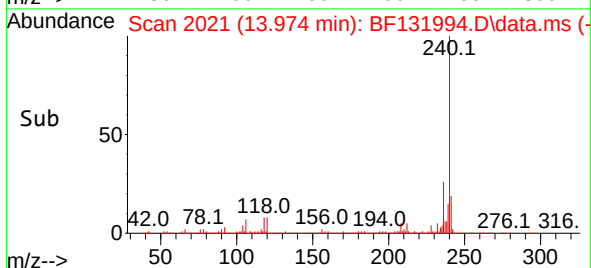
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

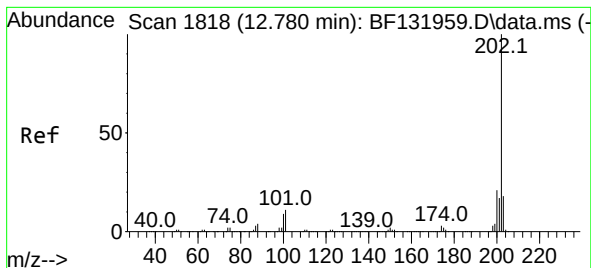


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF131994.D
Acq: 10 Jan 2023 13:11



Tgt Ion:240 Resp: 141577
Ion Ratio Lower Upper
240 100
120 8.4 5.4 8.0#
236 26.5 21.1 31.7





#78

Pyrene

Concen: 2.593 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF131994.D

Acq: 10 Jan 2023 13:11

Instrument :

BNA_F

ClientSampleId :

CL-01-010523RE

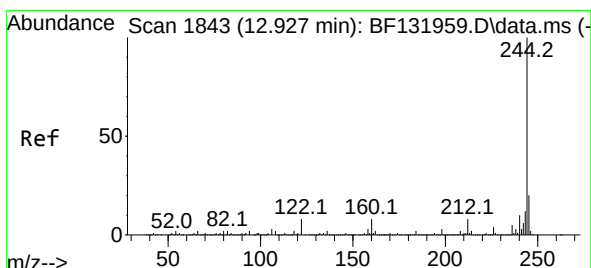
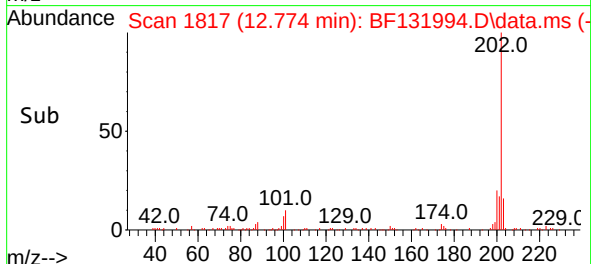
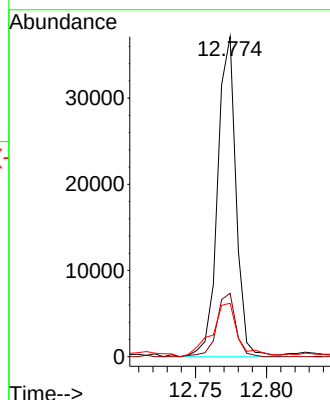
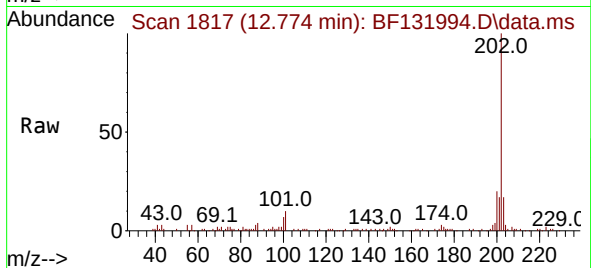
Tgt Ion:202 Resp: 33480

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.6
203	16.7	14.1	21.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 53.566 ng

RT: 12.915 min Scan# 1841

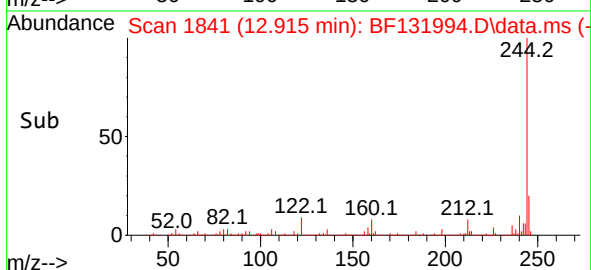
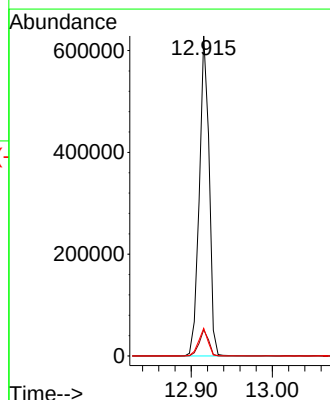
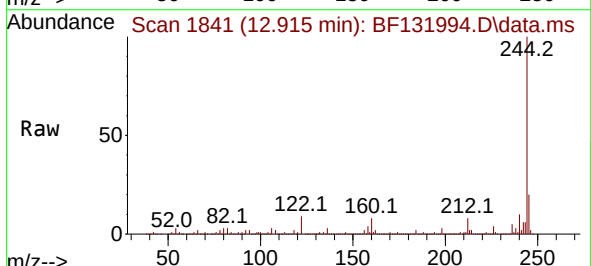
Delta R.T. -0.012 min

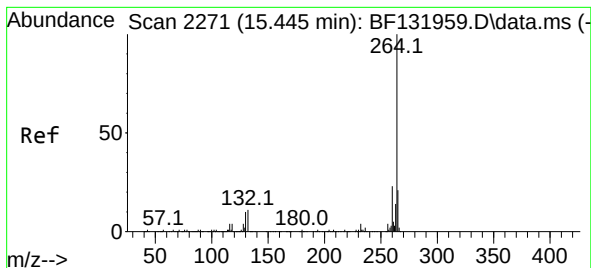
Lab File: BF131994.D

Acq: 10 Jan 2023 13:11

Tgt Ion:244 Resp: 529122

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	8.7	6.8	10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF131994.D

Acq: 10 Jan 2023 13:11

Instrument :

BNA_F

ClientSampleId :

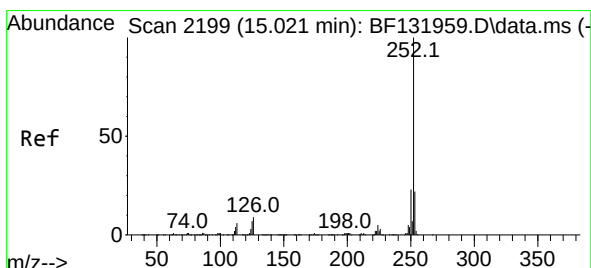
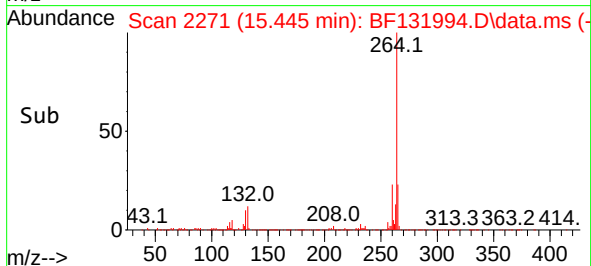
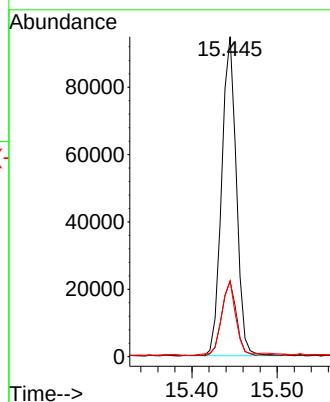
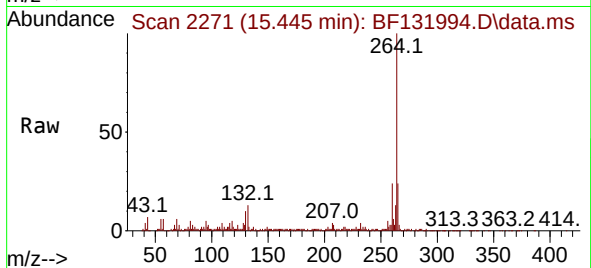
CL-01-010523RE

Tgt Ion:	264	Resp:	11368
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.3	27.5
265	23.7	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#88

Benzo(b)fluoranthene

Concen: 2.330 ng m

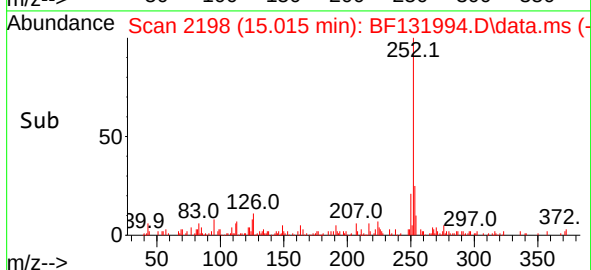
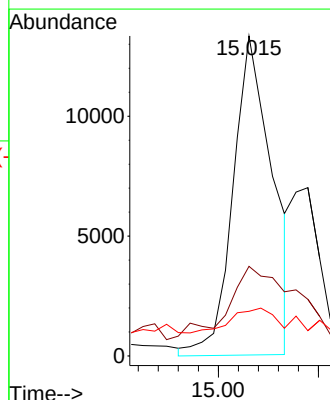
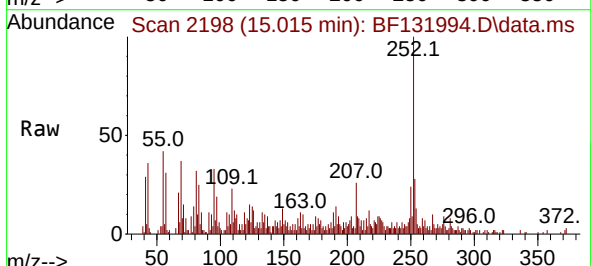
RT: 15.015 min Scan# 2198

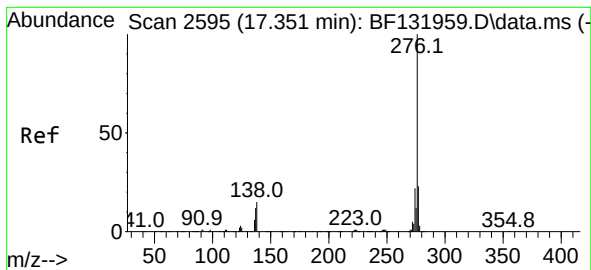
Delta R.T. -0.006 min

Lab File: BF131994.D

Acq: 10 Jan 2023 13:11

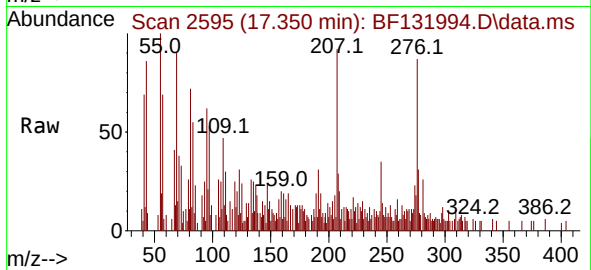
Tgt Ion:	252	Resp:	18168
Ion Ratio	Lower	Upper	
252	100		
253	28.0	18.0	27.0#
125	14.0	5.8	8.6#





#92
 Benzo(g,h,i)perylene
 Concen: 4.589 ng
 RT: 17.350 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BF131994.D
 Acq: 10 Jan 2023 13:11

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-010523RE



Tgt Ion: 276 Resp: 718

Ion	Ratio	Lower	Upper
276	100		
277	35.6	18.2	27.2
138	20.4	11.7	17.5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2023
 Supervised By : Jagrut Upadhyay 01/11/2023

