

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131983.D
 Acq On : 10 Jan 2023 01:47
 Operator : CG\JU
 Sample : N6243-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 03:18:07 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	68728	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	235418	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	113581	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	168255	20.000	ng	0.00
76) Chrysene-d12	13.986	240	132779	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	110546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	462554	110.899	ng	0.01
7) Phenol-d6	6.428	99	587534	106.242	ng	0.00
23) Nitrobenzene-d5	7.357	82	416759	73.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	107700	82.470	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	684180	81.318	ng	0.00
79) Terphenyl-d14	12.921	244	551925	59.577	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.551	202	29640	3.005	ng	91
78) Pyrene	12.780	202	30589	2.526	ng	# 88
88) Benzo(b)fluoranthene	15.021	252	22844m	3.013	ng	
90) Benzo(a)pyrene	15.386	252	14188	2.077	ng	# 62
92) Benzo(g,h,i)perylene	17.351	276	9907	5.033	ng	# 90

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

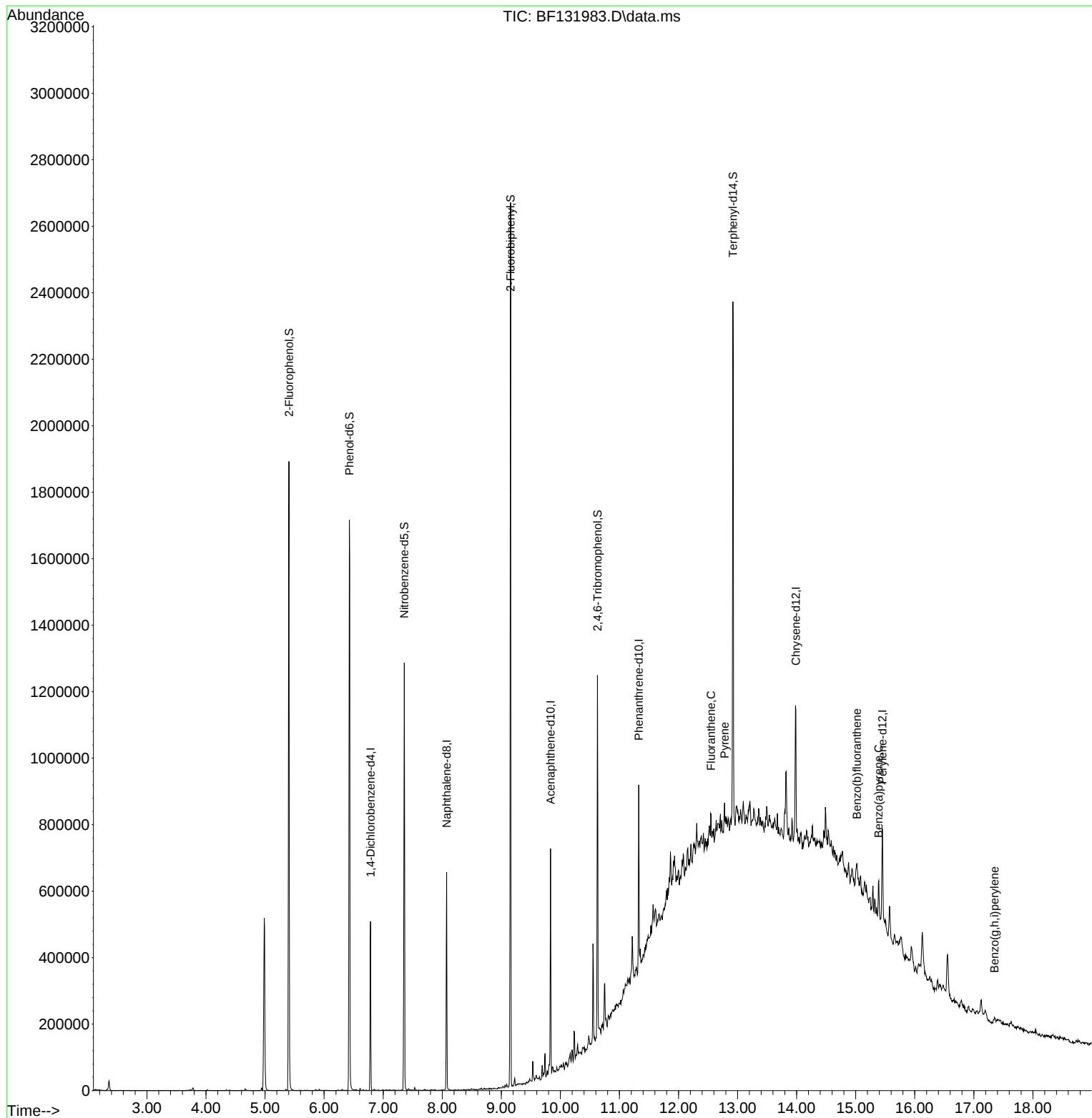
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
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ALS Vial : 19 Sample Multiplier: 1

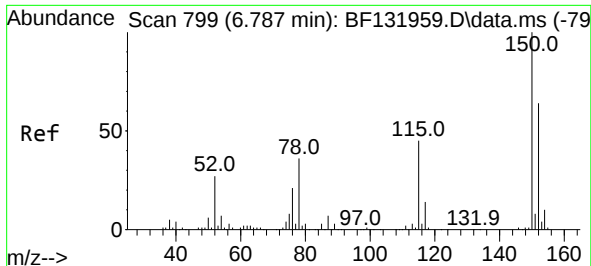
Instrument :
BNA_F
ClientSampleId :
PE-6

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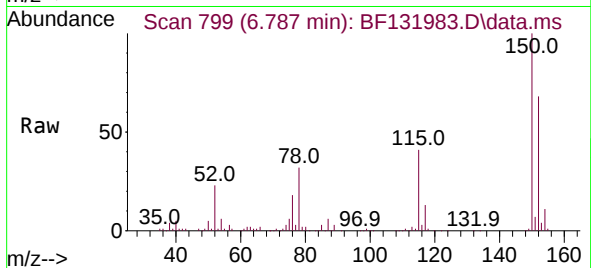
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

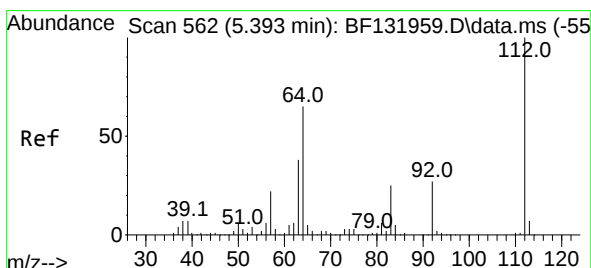
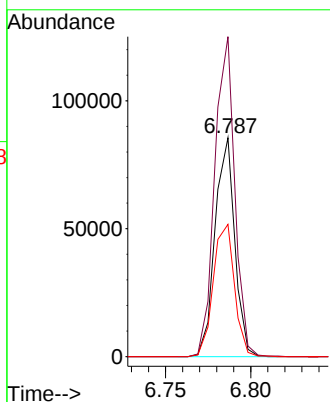
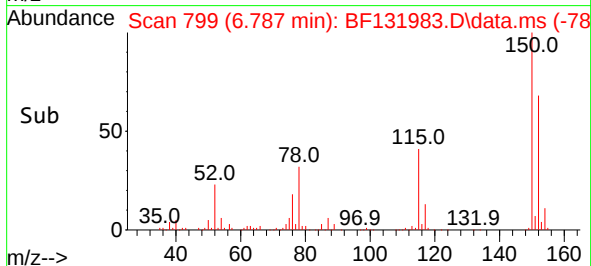
Instrument :
BNA_F
ClientSampleId :
PE-6



Tgt Ion:152 Resp: 68728
Ion Ratio Lower Upper
152 100
150 146.2 124.6 186.8
115 60.4 55.6 83.4

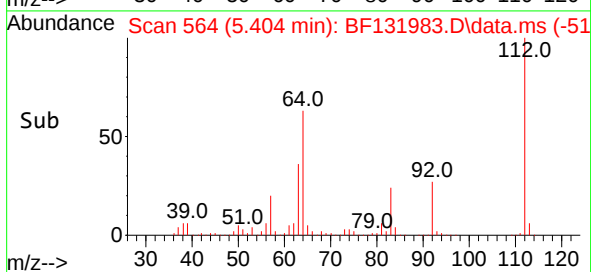
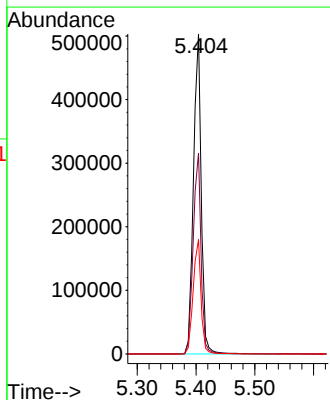
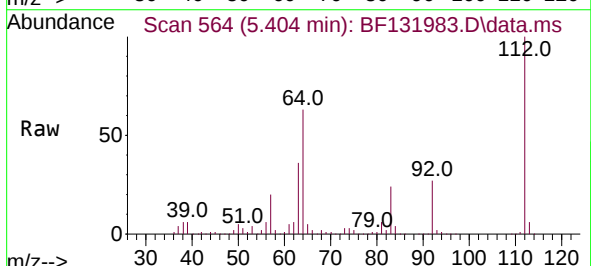
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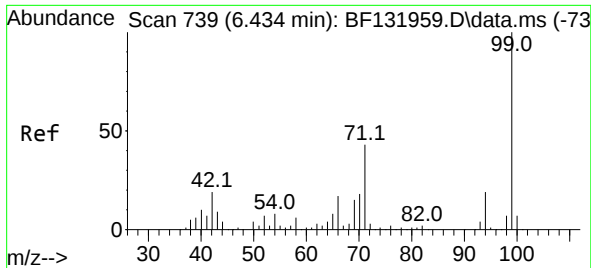
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#5
2-Fluorophenol
Concen: 110.899 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion:112 Resp: 462554
Ion Ratio Lower Upper
112 100
64 62.8 51.9 77.9
63 35.7 30.2 45.2





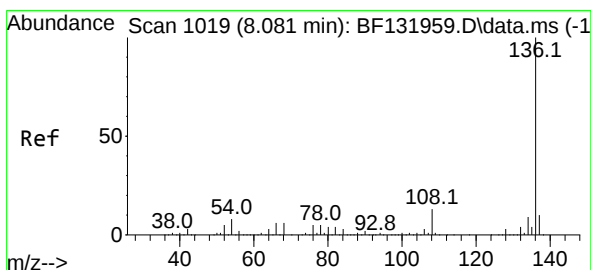
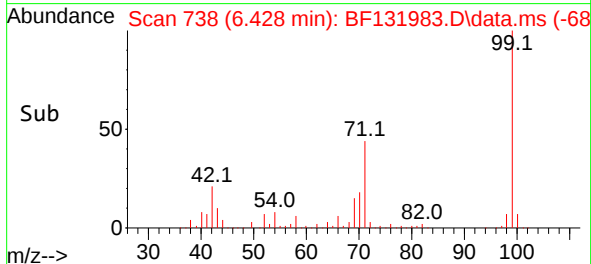
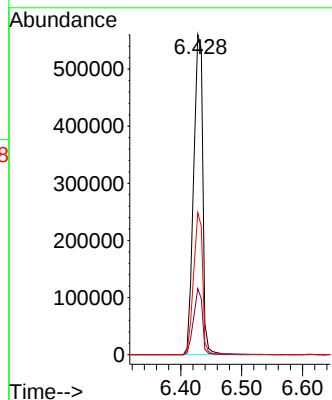
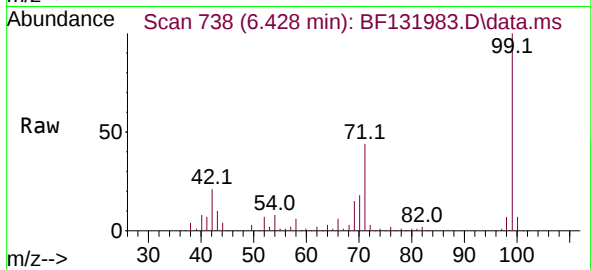
#7
Phenol-d6
Concen: 106.242 ng
RT: 6.428 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion: 99 Resp: 587534
Ion Ratio Lower Upper
99 100
42 20.6 15.4 23.2
71 44.3 34.6 51.8

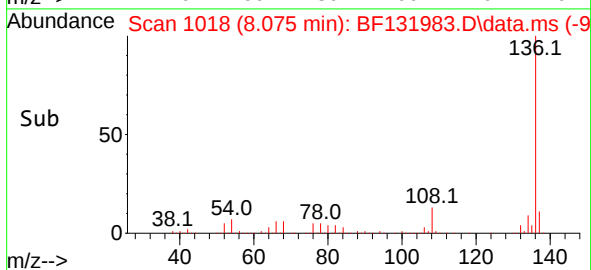
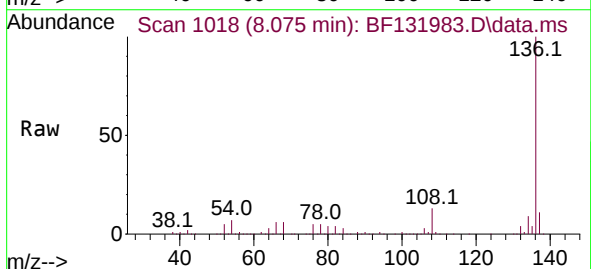
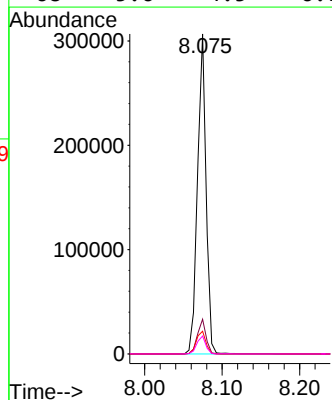
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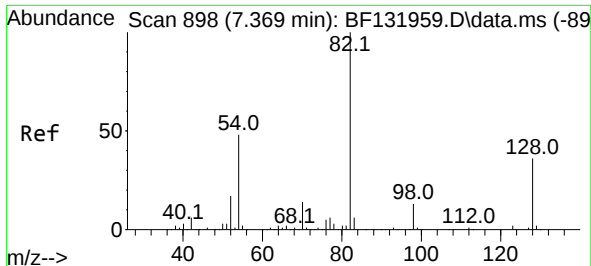
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion:136 Resp: 235418
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.1 6.6 9.8
68 5.6 4.5 6.7





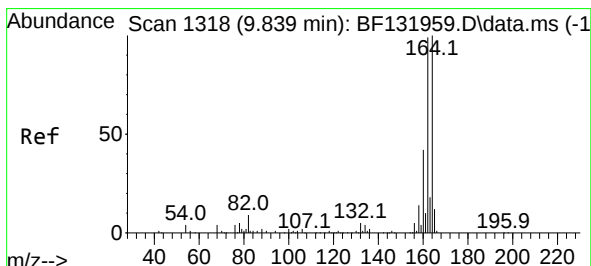
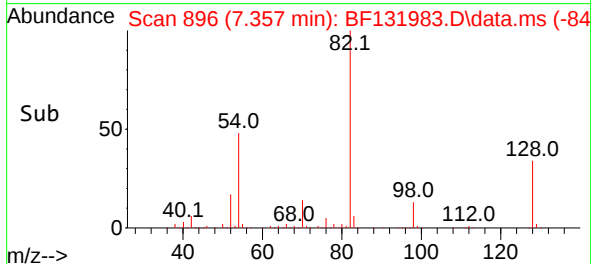
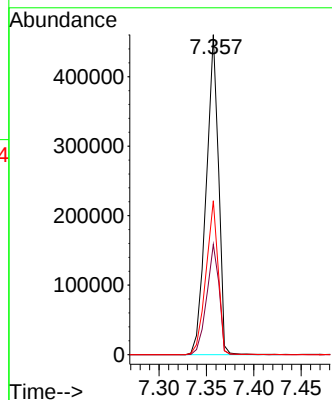
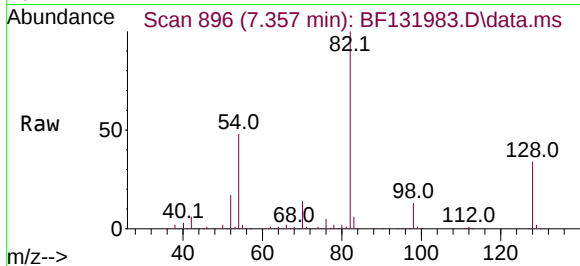
#23
Nitrobenzene-d5
Concen: 73.473 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion: 82 Resp: 416759
Ion Ratio Lower Upper
82 100
128 34.4 28.7 43.1
54 48.1 38.1 57.1

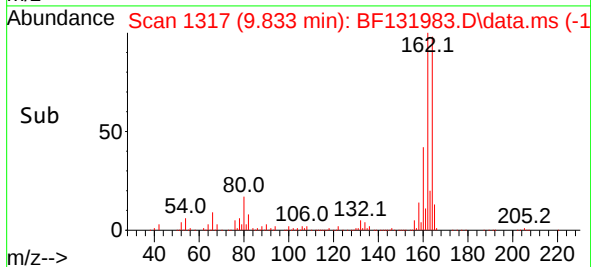
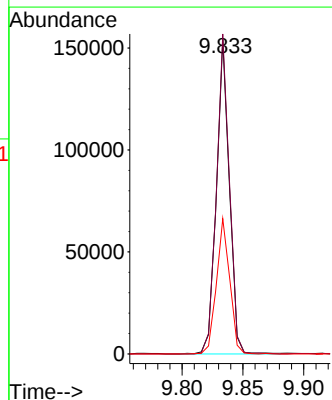
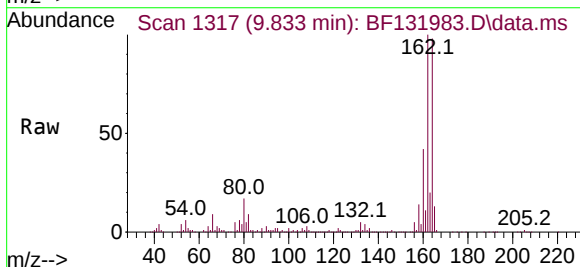
Manual Integrations
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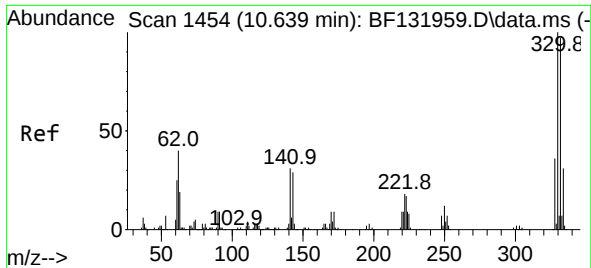
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

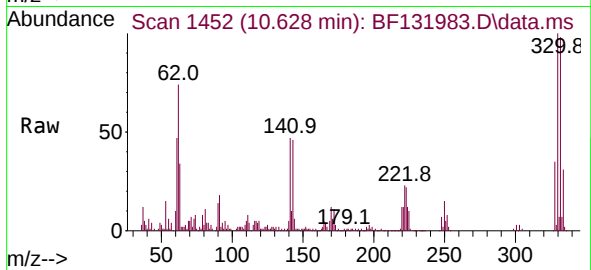
Tgt Ion:164 Resp: 113581
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 43.0 33.9 50.9





#42
2,4,6-Tribromophenol
Concen: 82.470 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

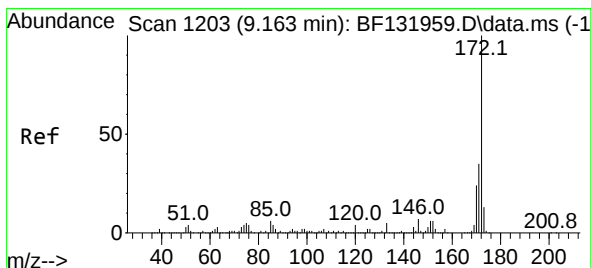
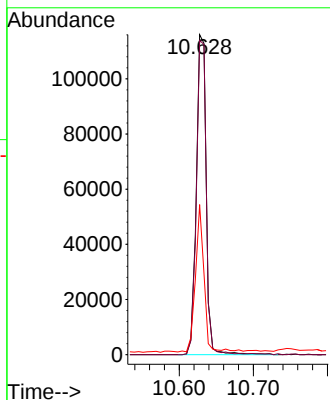
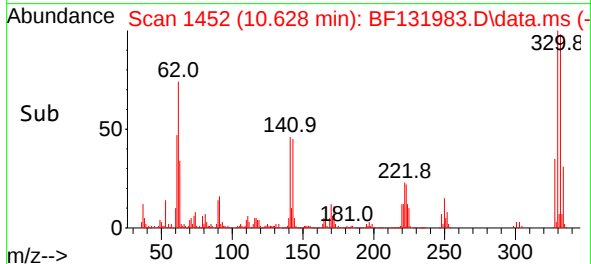
Instrument :
BNA_F
ClientSampleId :
PE-6



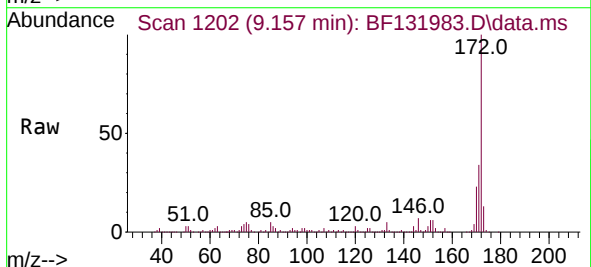
Tgt Ion: 330 Resp: 107700
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 39.0 31.3 46.9

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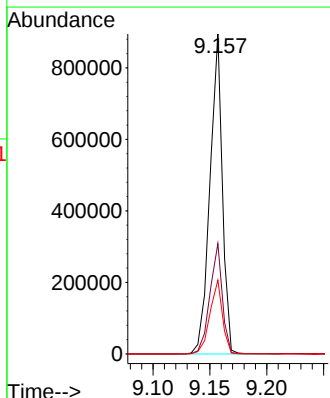
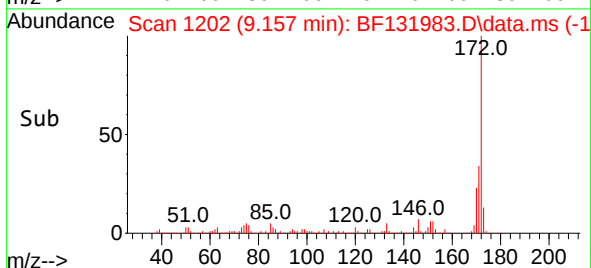
Reviewed By : Christian Giraldo 01/10/2023
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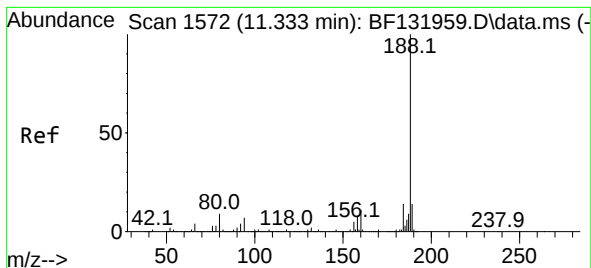


#45
2-Fluorobiphenyl
Concen: 81.318 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47



Tgt Ion: 172 Resp: 684180
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.0 18.9 28.3





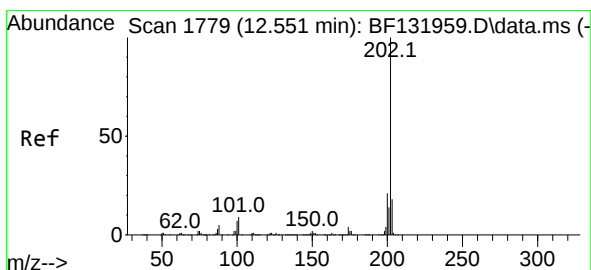
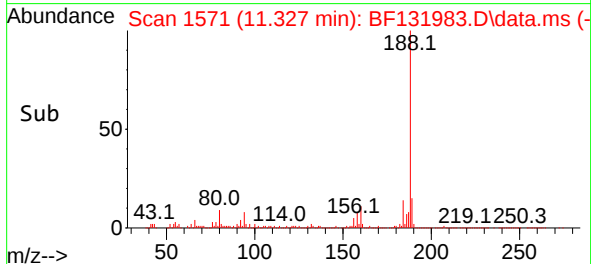
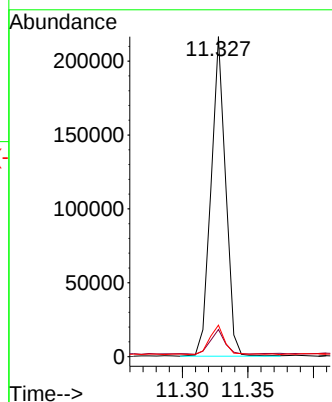
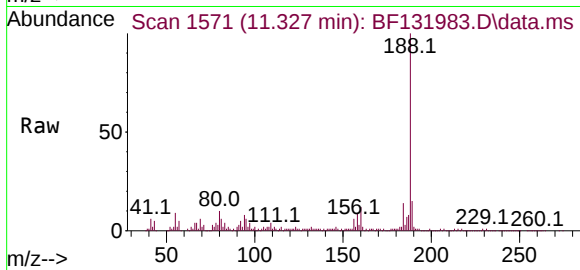
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion:188 Resp: 16825
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.8 7.4 11.0

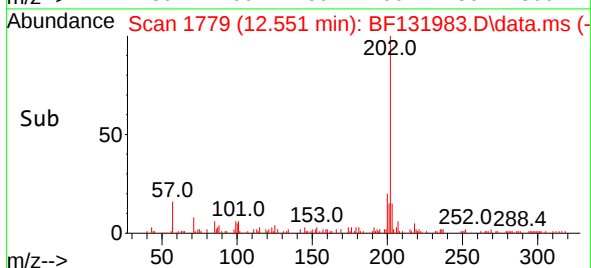
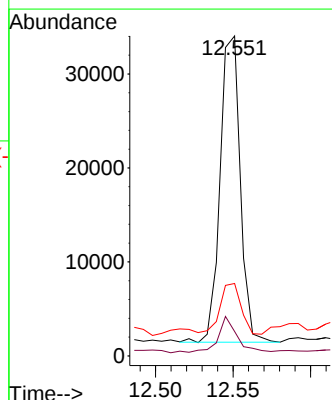
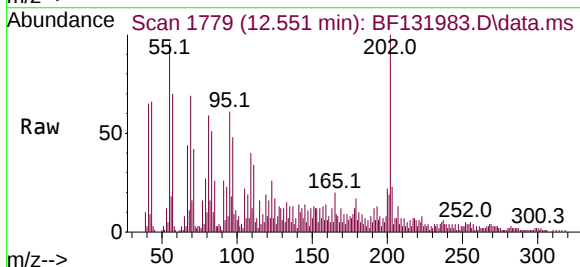
Manual Integrations
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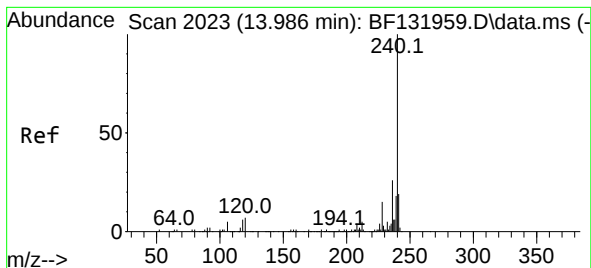
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#75
Fluoranthene
Concen: 3.005 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion:202 Resp: 29640
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.8
203 22.6 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

Instrument :

BNA_F

ClientSampleId :

PE-6

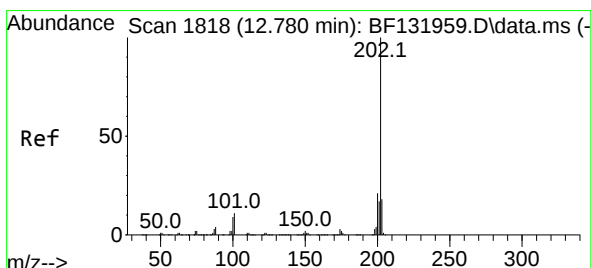
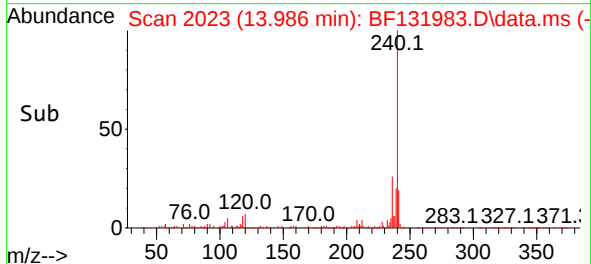
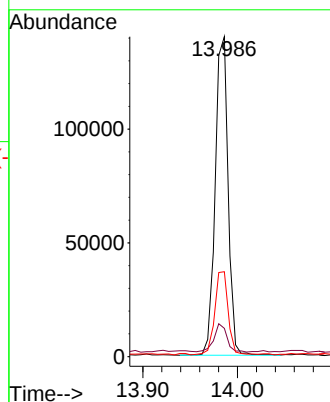
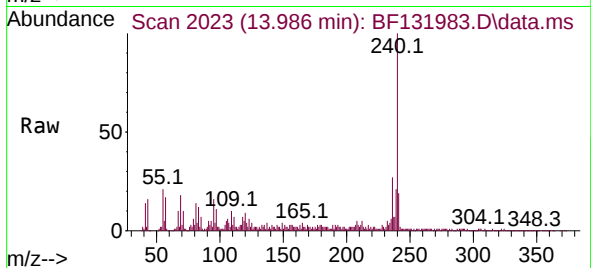
Tgt Ion:240 Resp: 132779

Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.4	8.0
236	26.5	21.1	31.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/10/2023



#78

Pyrene

Concen: 2.526 ng

RT: 12.780 min Scan# 1818

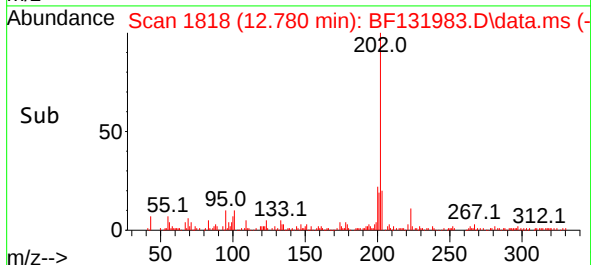
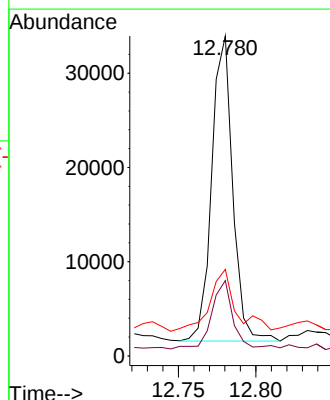
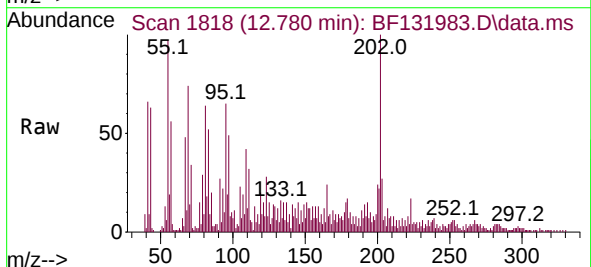
Delta R.T. -0.000 min

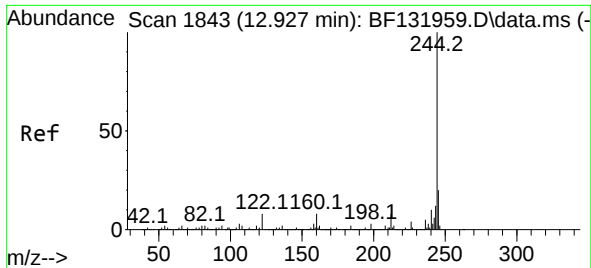
Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

Tgt Ion:202 Resp: 30589

Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.0	25.6
203	27.0	14.1	21.1





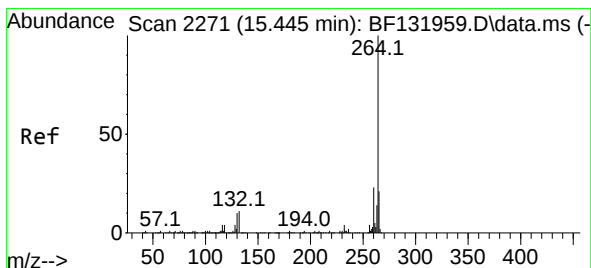
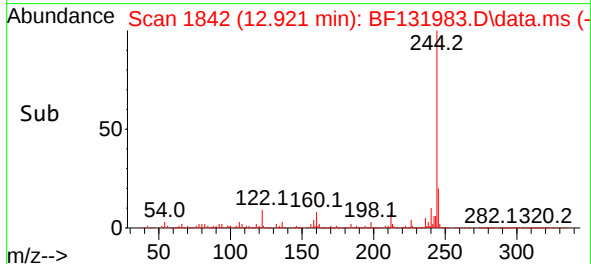
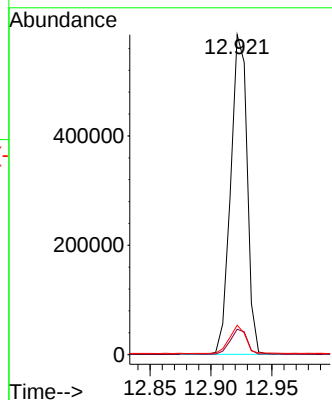
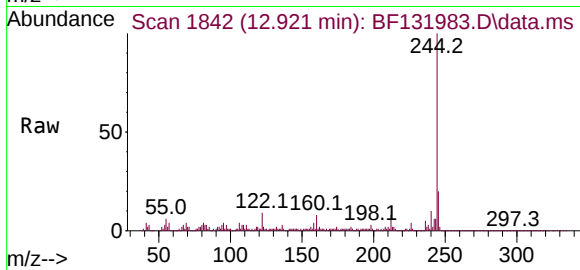
#79
 Terphenyl-d14
 Concen: 59.577 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Tgt Ion:244 Resp: 551925
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.2 6.8 10.2

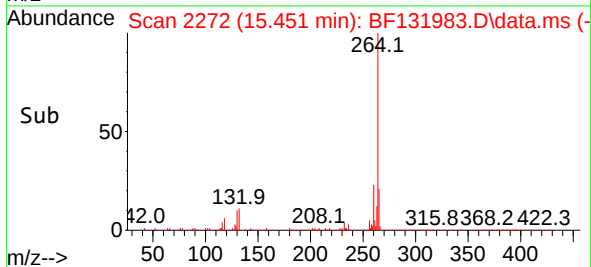
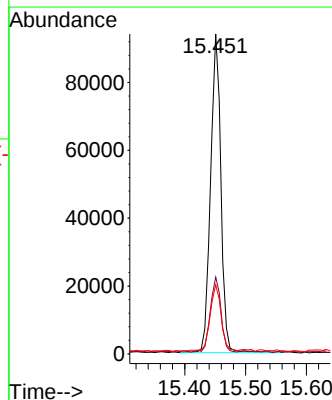
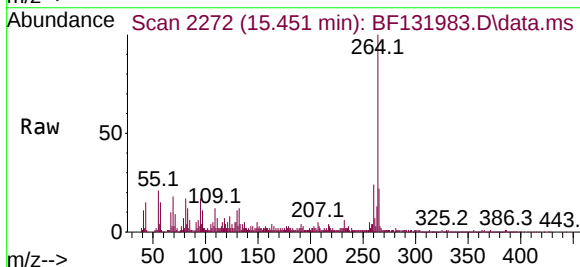
Manual Integrations
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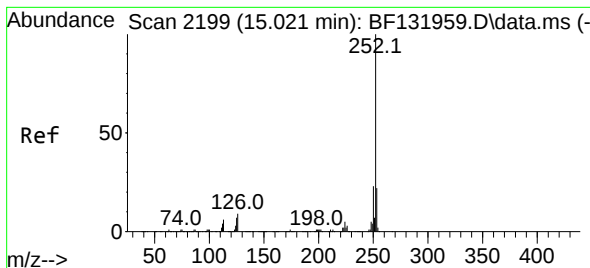
Reviewed By :Christian Giraldo 01/10/2023
 Supervised By :Jagrut Upadhyay 01/10/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

Tgt Ion:264 Resp: 110546
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.6 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 3.013 ng m

RT: 15.021 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

Instrument :

BNA_F

ClientSampleId :

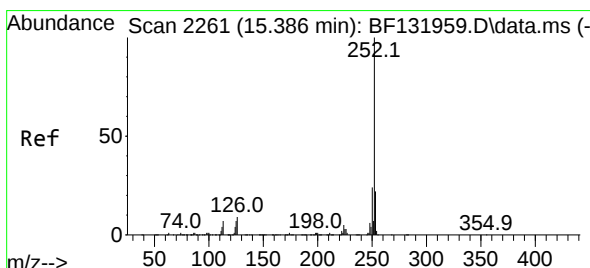
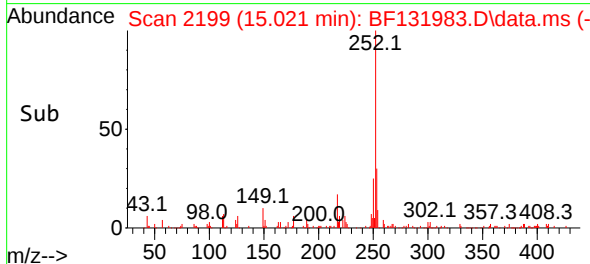
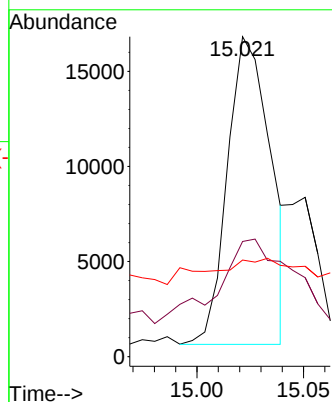
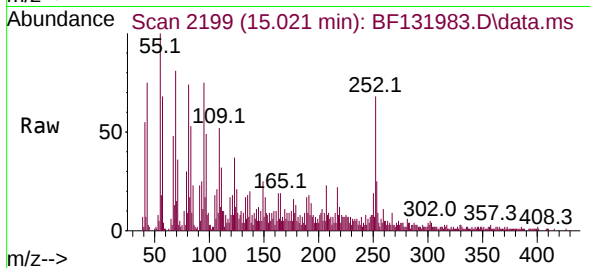
PE-6

Tgt Ion:	252	Resp:	2284
Ion Ratio	Lower	Upper	
252	100		
253	36.0	18.0	27.0
125	30.2	5.8	8.6

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 2.077 ng

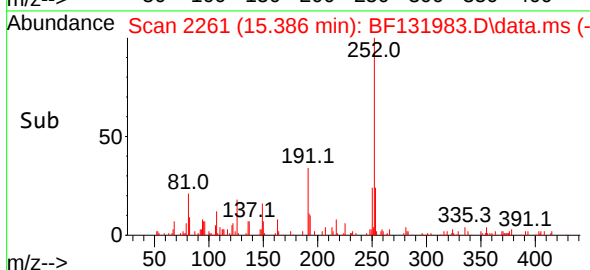
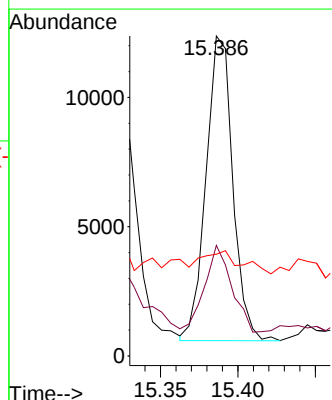
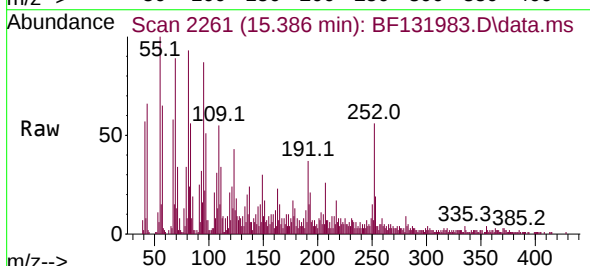
RT: 15.386 min Scan# 2261

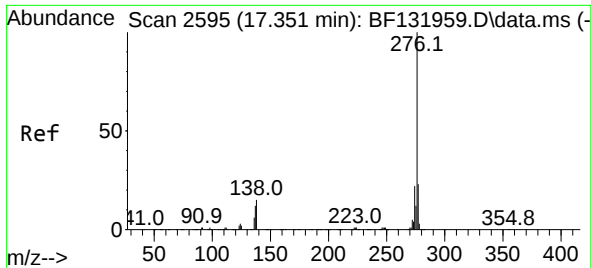
Delta R.T. -0.000 min

Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

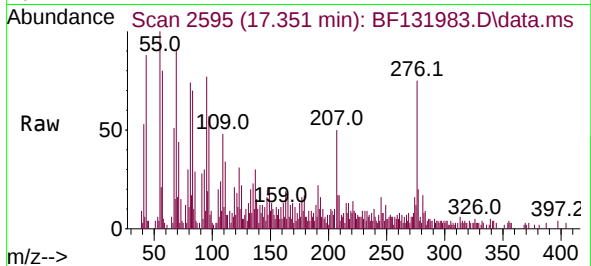
Tgt Ion:	252	Resp:	14188
Ion Ratio	Lower	Upper	
252	100		
253	34.5	17.4	26.0
125	31.8	5.7	8.5





#92
 Benzo(g,h,i)perylene
 Concen: 5.033 ng
 RT: 17.351 min Scan# 2595
 Delta R.T. -0.000 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

Instrument :
 BNA_F
 ClientSampleId :
 PE-6



Tgt Ion: 276 Resp: 990

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.2	27.2
138	19.7	11.7	17.5

Manual Integrations
 APPROVED

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

