

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132333.D
 Acq On : 03 Feb 2023 21:12
 Operator : CG\JU
 Sample : 01418-15 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-22-020223

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 01:41:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	228940	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	848259	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	397647	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	593706	20.000	ng	0.00
76) Chrysene-d12	14.265	240	344533	20.000	ng	0.00
86) Perylene-d12	15.848	264	309273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	149725	10.512	ng	0.00
7) Phenol-d6	6.660	99	183336	10.441	ng	-0.02
23) Nitrobenzene-d5	7.613	82	105504	6.921	ng	-0.02
42) 2,4,6-Tribromophenol	10.895	330	31810	7.779	ng	-0.01
45) 2-Fluorobiphenyl	9.419	172	221734	8.611	ng	0.00
79) Terphenyl-d14	13.195	244	138232	7.761	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.630	178	197560	6.368	ng	98
75) Fluoranthene	12.824	202	341831	10.797	ng	99
78) Pyrene	13.060	202	338256	12.207	ng	99
81) Benzo(a)anthracene	14.254	228	182341	7.567	ng	99
83) Chrysene	14.289	228	159764	7.080	ng	98
88) Benzo(b)fluoranthene	15.371	252	184484m	9.384	ng	
89) Benzo(k)fluoranthene	15.401	252	64142m	3.418	ng	
90) Benzo(a)pyrene	15.777	252	131383	7.177	ng	98
92) Benzo(g,h,i)perylene	17.977	276	55651	3.260	ng	99

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

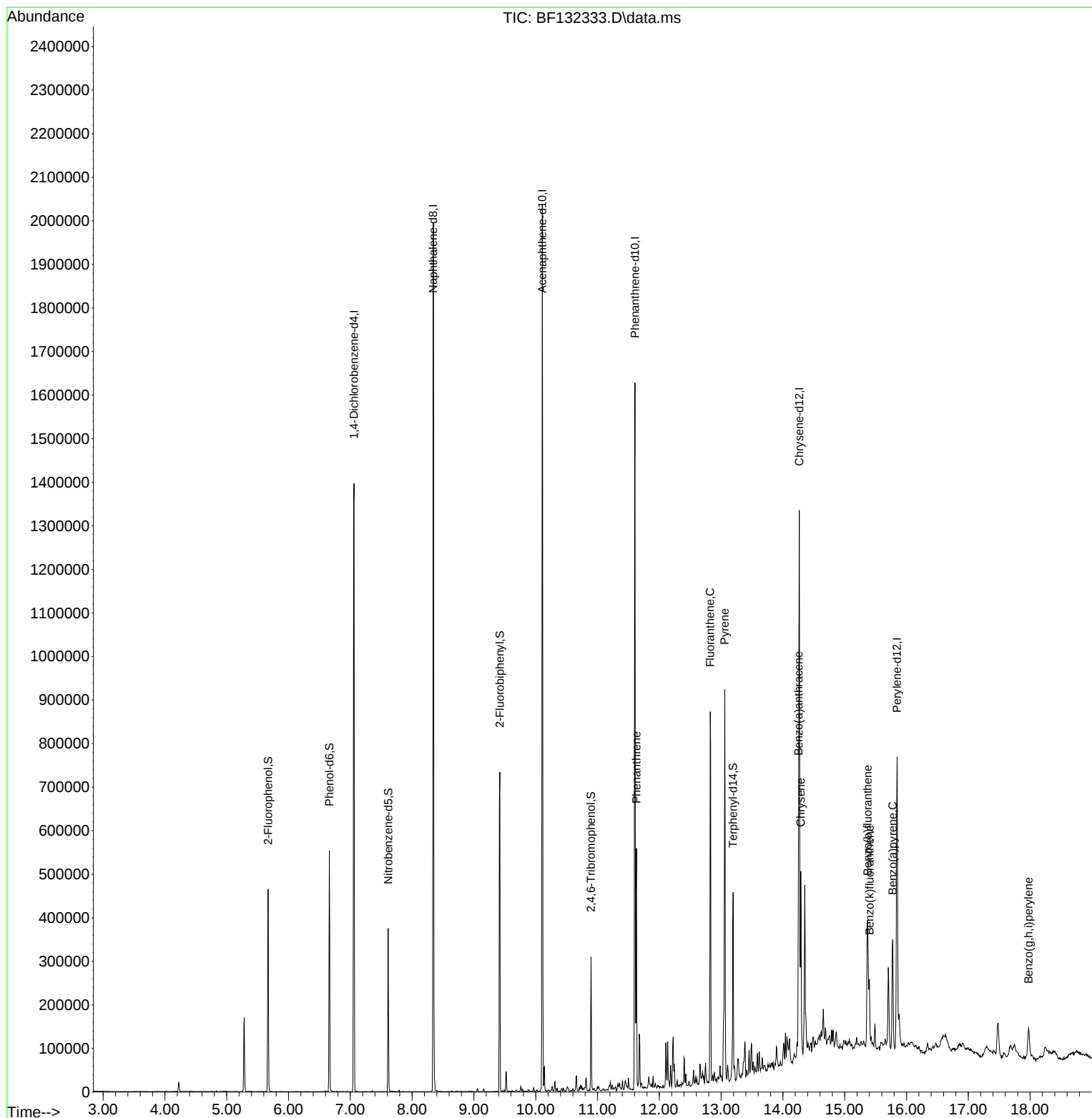
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132333.D
Acq On : 03 Feb 2023 21:12
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Sample : 01418-15 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

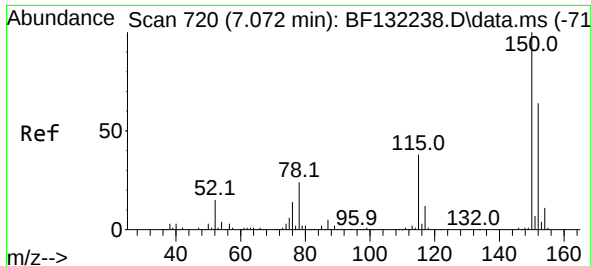
Instrument :
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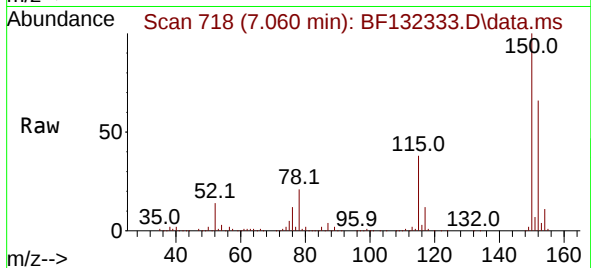
Quant Time: Feb 04 01:41:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 01:32:42 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

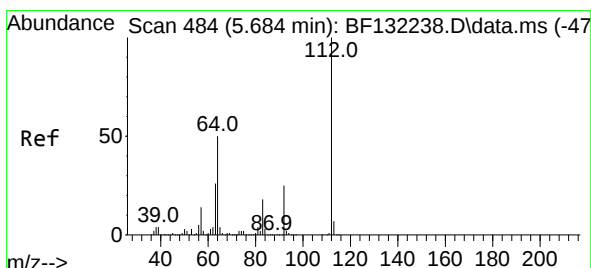
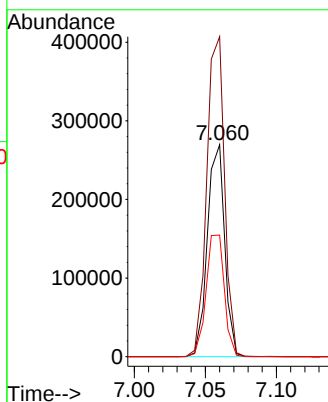
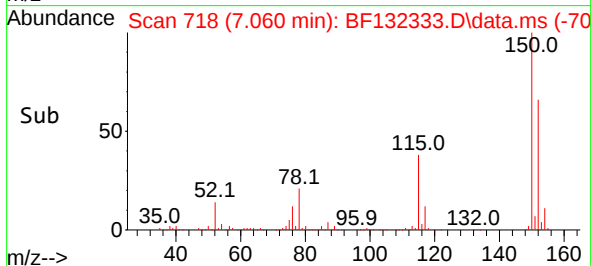
Instrument :
BNA_F
ClientSampleId :
JPP-22-020223



Tgt Ion:152 Resp: 228940
Ion Ratio Lower Upper
152 100
150 150.9 124.2 186.2
115 57.3 47.3 70.9

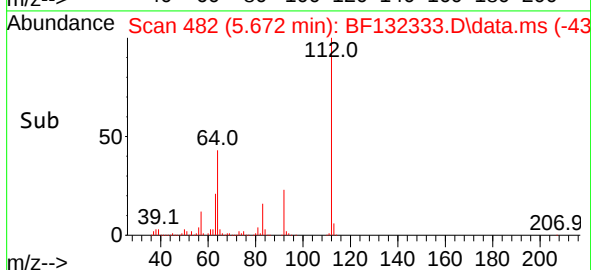
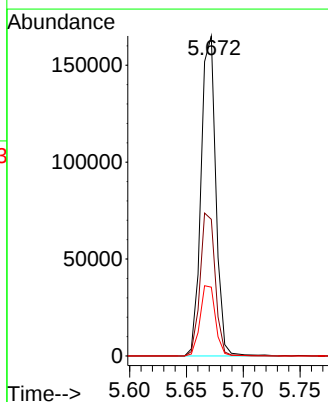
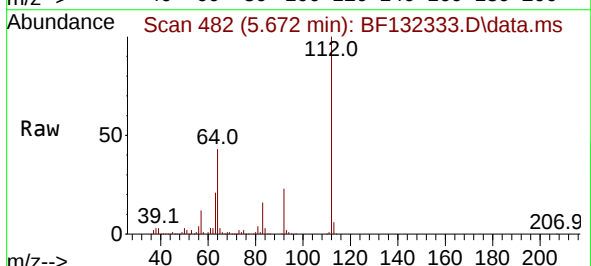
Manual Integrations
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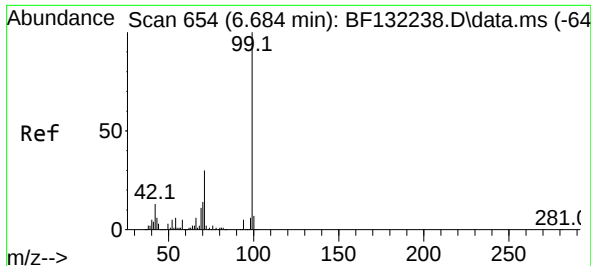
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#5
2-Fluorophenol
Concen: 10.512 ng
RT: 5.672 min Scan# 482
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

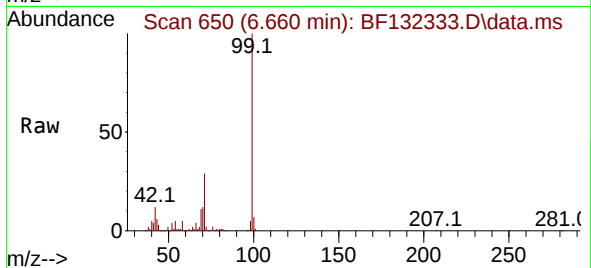
Tgt Ion:112 Resp: 149725
Ion Ratio Lower Upper
112 100
64 42.7 40.0 60.0
63 21.5 20.5 30.7





#7
Phenol-d6
Concen: 10.441 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

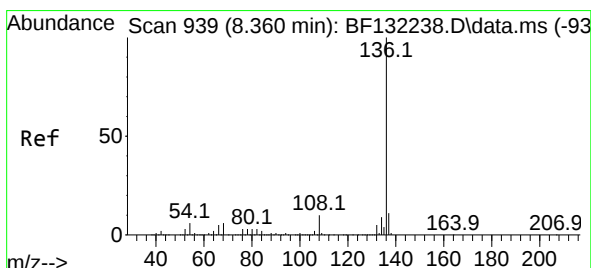
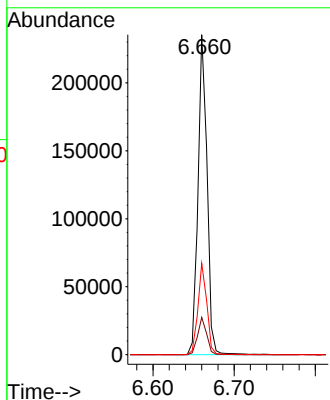
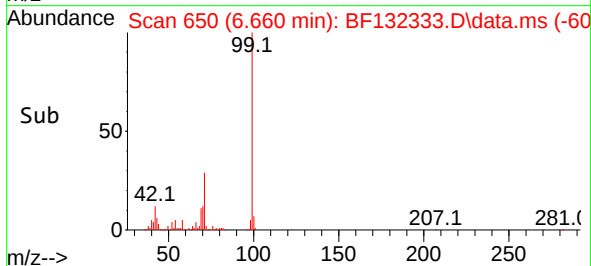
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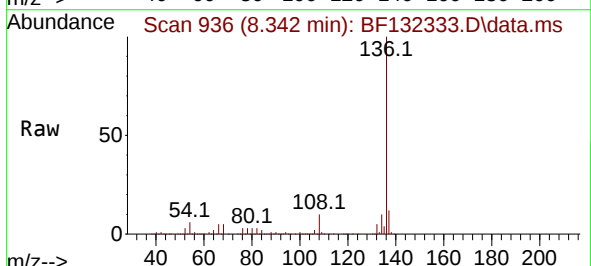
Tgt Ion: 99 Resp: 183336
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 28.5 24.2 36.4

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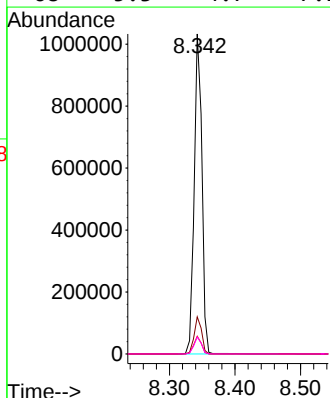
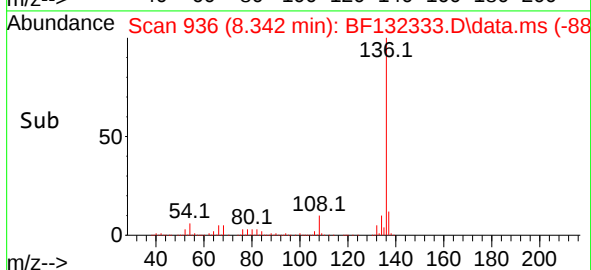
Reviewed By :Christian Giraldo 02/06/2023
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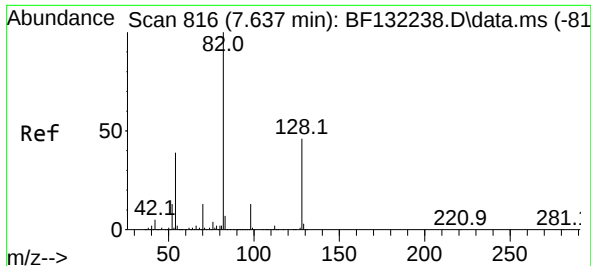


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12



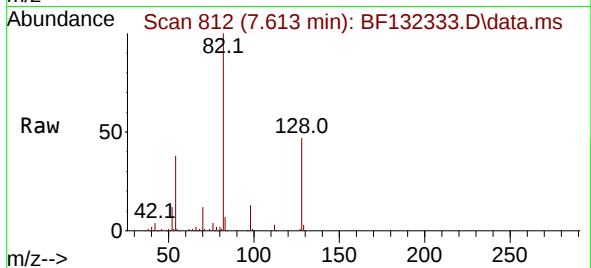
Tgt Ion:136 Resp: 848259
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.6 4.9 7.3
68 5.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 6.921 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

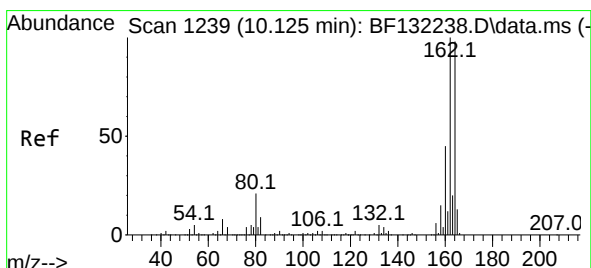
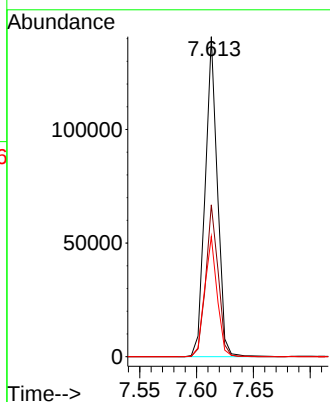
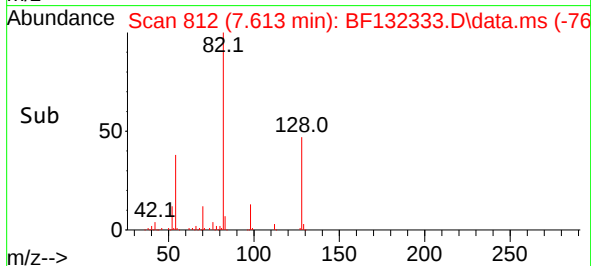
Instrument :
BNA_F
ClientSampleId :
JPP-22-020223



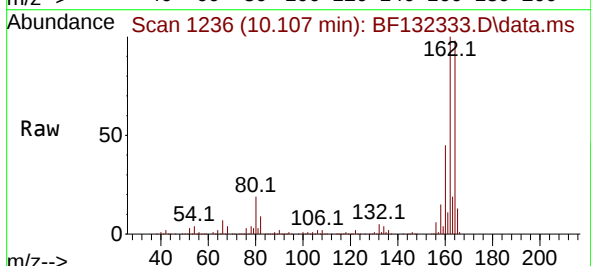
Tgt Ion: 82 Resp: 105504
Ion Ratio Lower Upper
82 100
128 47.4 37.0 55.4
54 37.5 31.5 47.3

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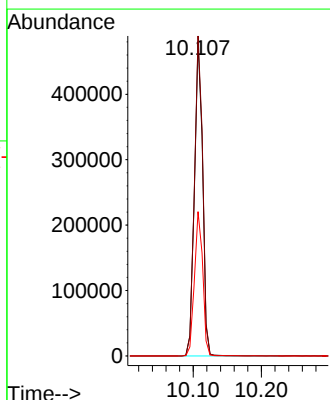
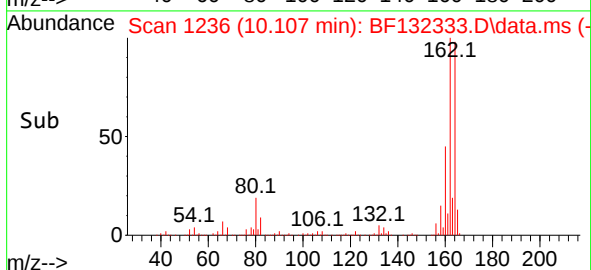
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

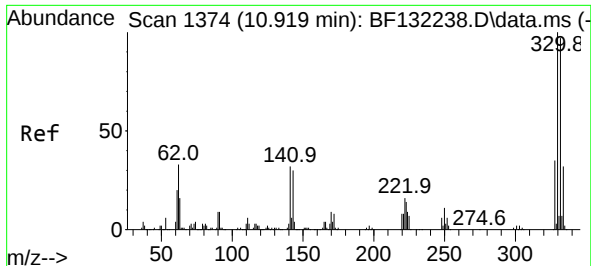


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12



Tgt Ion:164 Resp: 397647
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.9 37.1 55.7





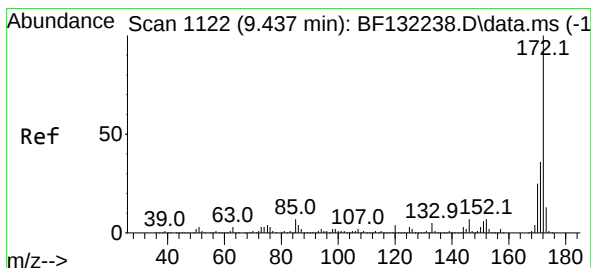
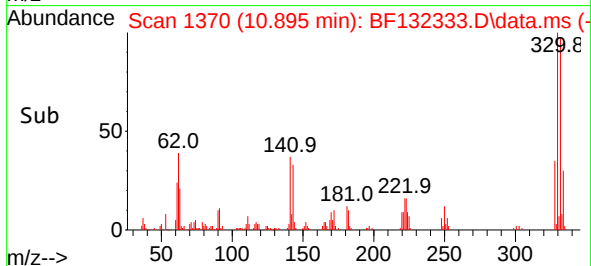
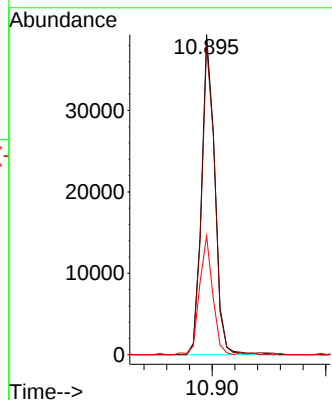
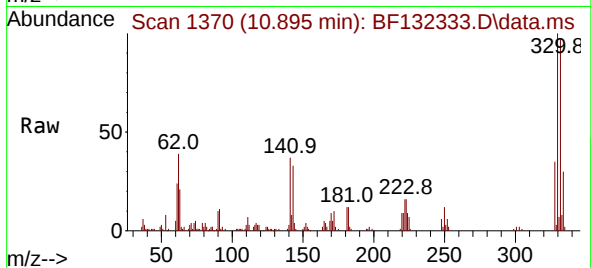
#42
2,4,6-Tribromophenol
Concen: 7.779 ng
RT: 10.895 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

Instrument :
BNA_F
ClientSampleId :
JPP-22-020223

Tgt Ion: 330 Resp: 31810
Ion Ratio Lower Upper
330 100
332 96.8 77.9 116.9
141 36.8 31.0 46.4

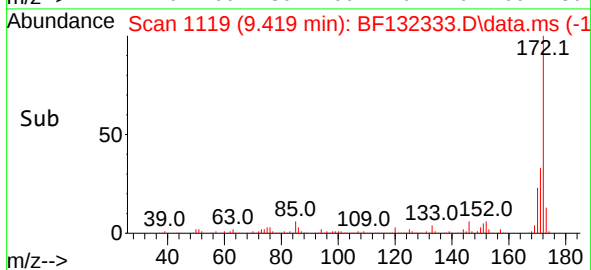
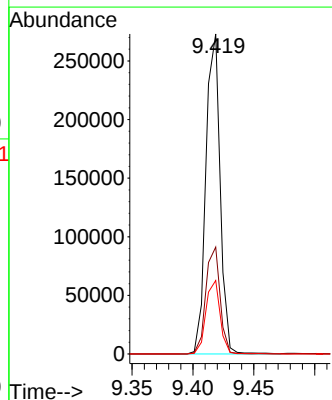
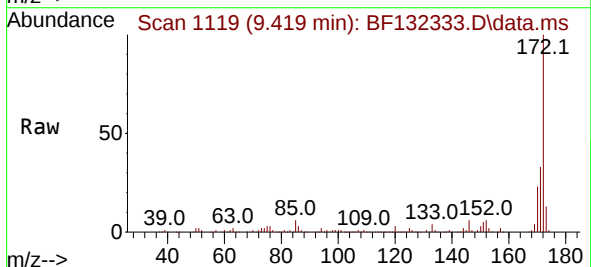
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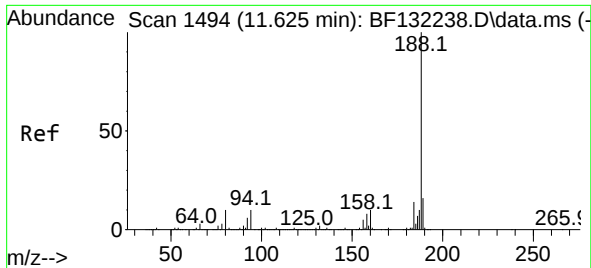
Reviewed By : Christian Giraldo 02/06/2023
Supervised By : Jagrut Upadhyay 02/06/2023



#45
2-Fluorobiphenyl
Concen: 8.611 ng
RT: 9.419 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

Tgt Ion: 172 Resp: 221734
Ion Ratio Lower Upper
172 100
171 33.4 28.6 43.0
170 23.0 19.7 29.5





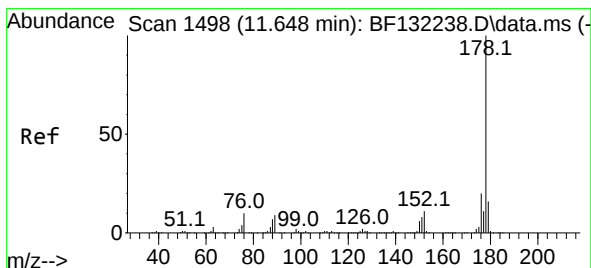
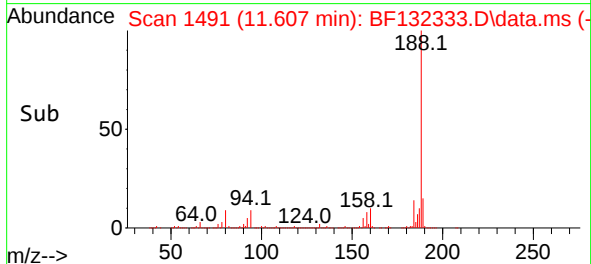
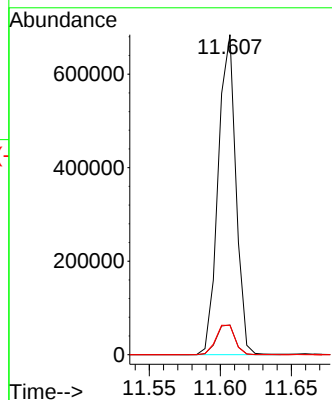
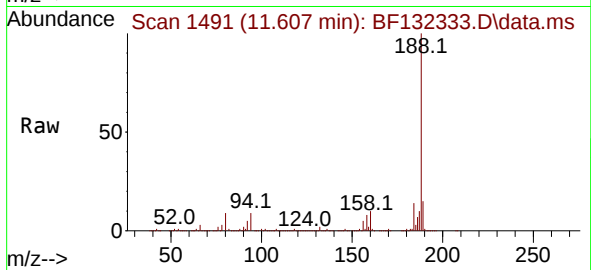
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

Instrument :
BNA_F
ClientSampleId :
JPP-22-020223

Tgt Ion:188 Resp: 593700
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.2 8.3 12.5

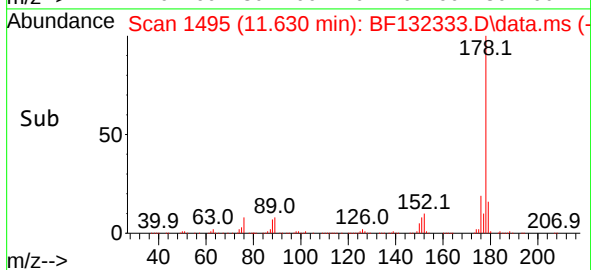
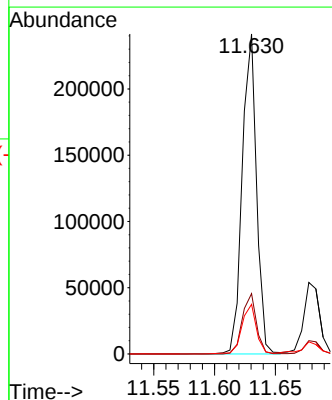
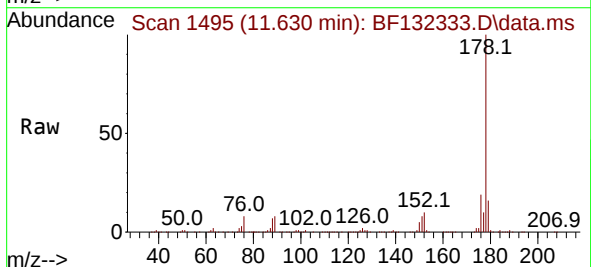
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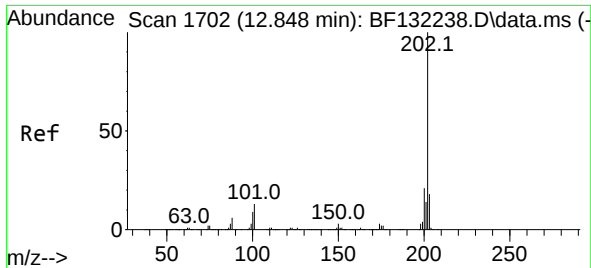
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#71
Phenanthrene
Concen: 6.368 ng
RT: 11.630 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

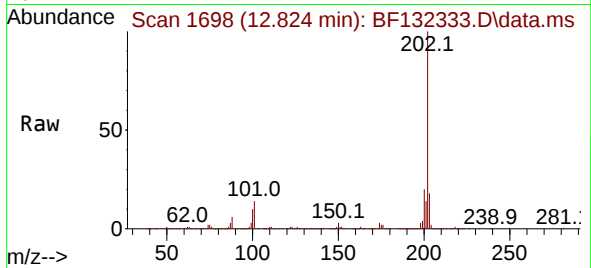
Tgt Ion:178 Resp: 197560
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 15.5 12.8 19.2





#75
Fluoranthene
Concen: 10.797 ng
RT: 12.824 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

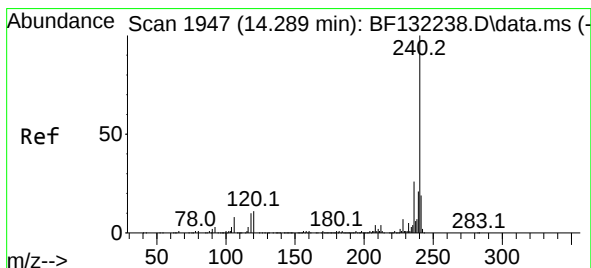
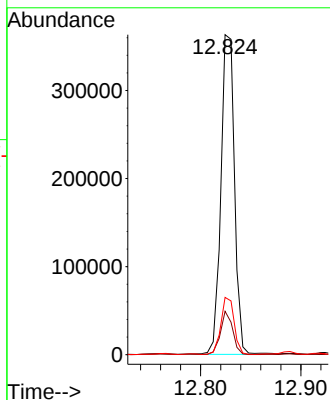
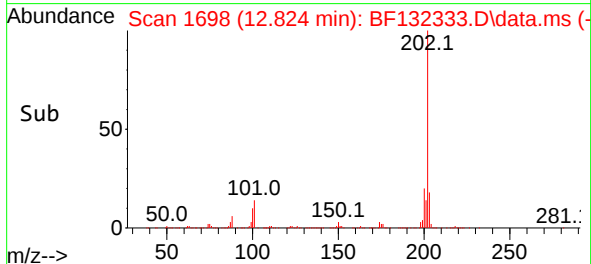
Instrument :
BNA_F
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JPP-22-020223



Tgt Ion:202 Resp: 34183
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.7
203 17.9 0.0 37.9

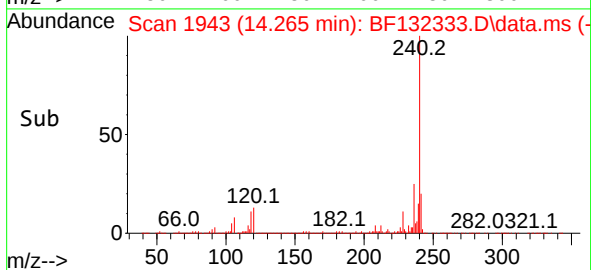
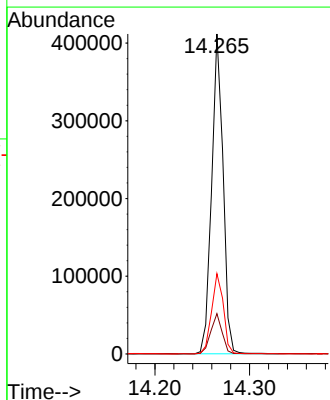
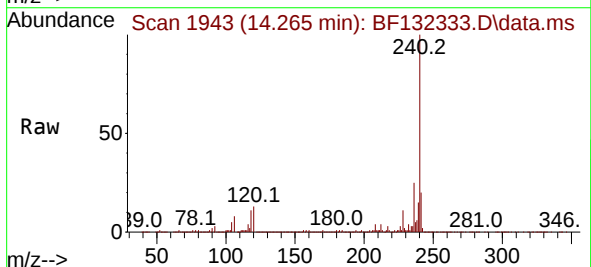
Manual Integrations
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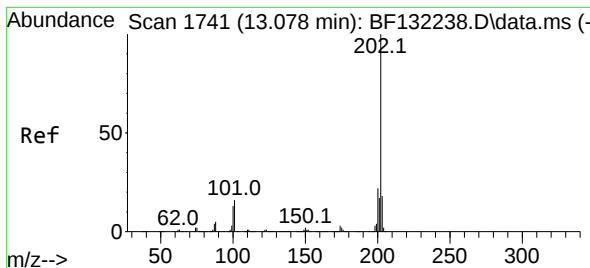
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.265 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

Tgt Ion:240 Resp: 344533
Ion Ratio Lower Upper
240 100
120 12.6 8.8 13.2
236 25.1 21.0 31.6





#78

Pyrene

Concen: 12.207 ng

RT: 13.060 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BF132333.D

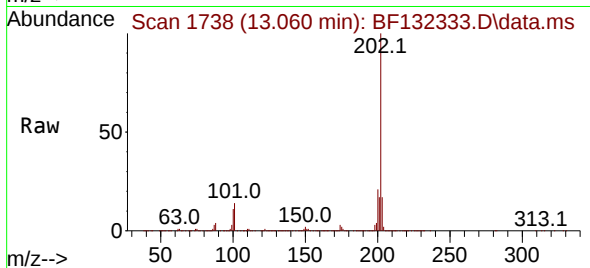
Acq: 03 Feb 2023 21:12

Instrument :

BNA_F

ClientSampleId :

JPP-22-020223



Tgt Ion:202 Resp: 338250

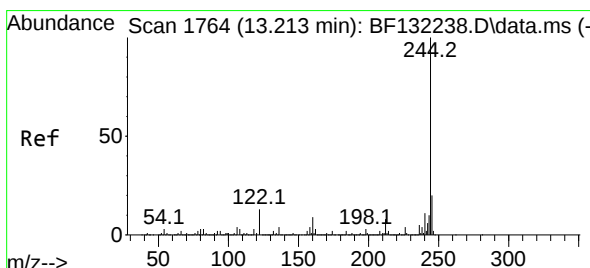
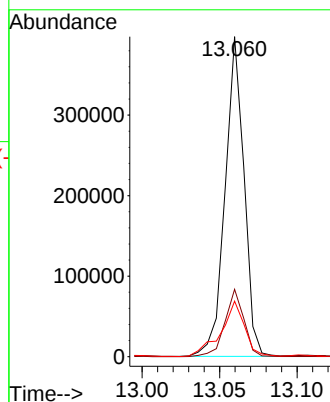
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.3	25.9
203	17.3	14.4	21.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#79

Terphenyl-d14

Concen: 7.761 ng

RT: 13.195 min Scan# 1761

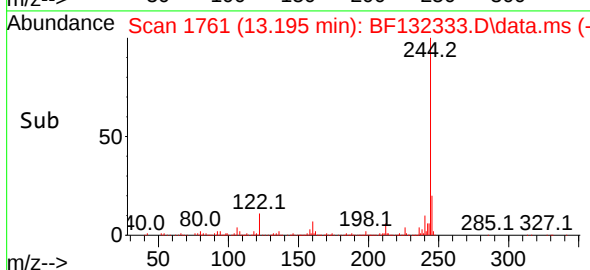
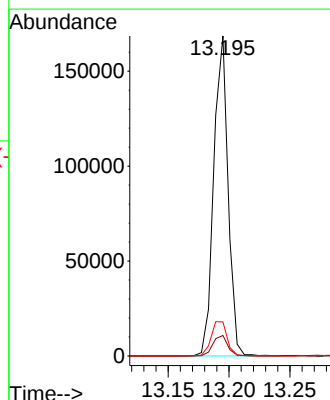
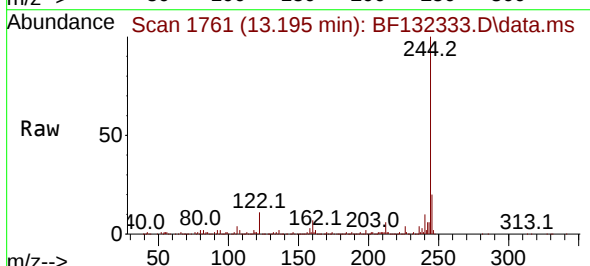
Delta R.T. -0.006 min

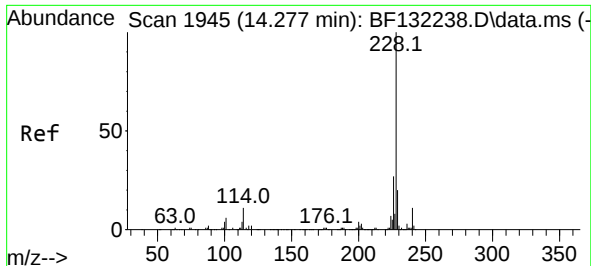
Lab File: BF132333.D

Acq: 03 Feb 2023 21:12

Tgt Ion:244 Resp: 138232

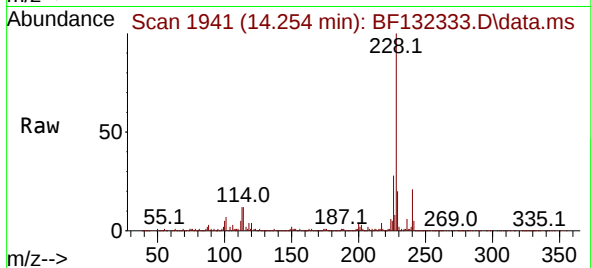
Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.4	9.6
122	10.6	10.5	15.7





#81
Benzo(a)anthracene
Concen: 7.567 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

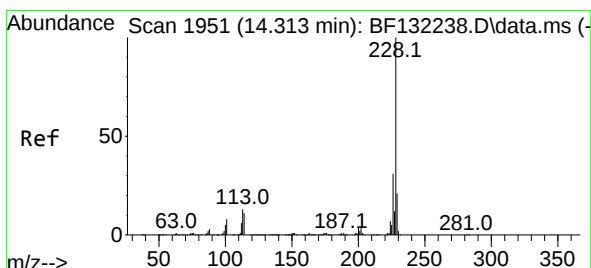
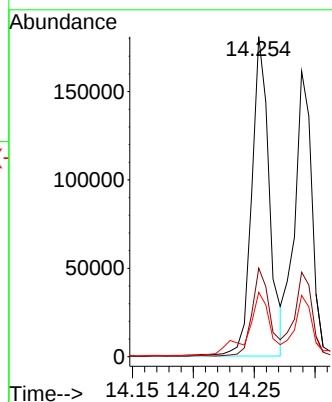
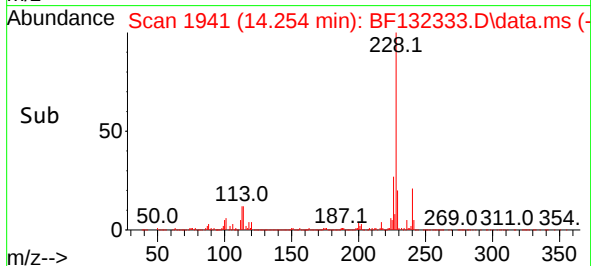
Instrument :
BNA_F
ClientSampleId :
JPP-22-020223



Tgt Ion:228 Resp: 18234
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.1 15.8 23.6

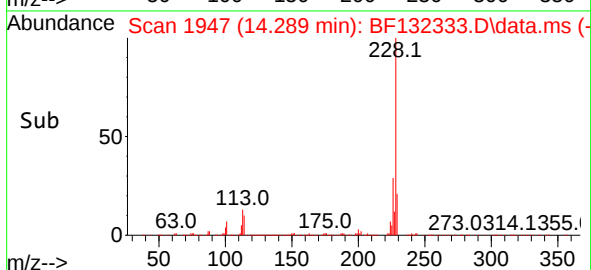
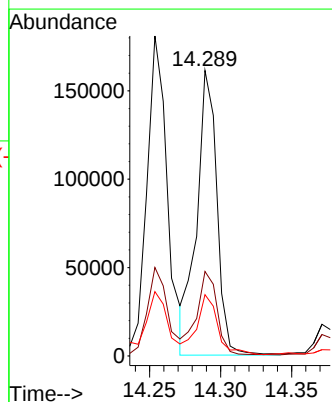
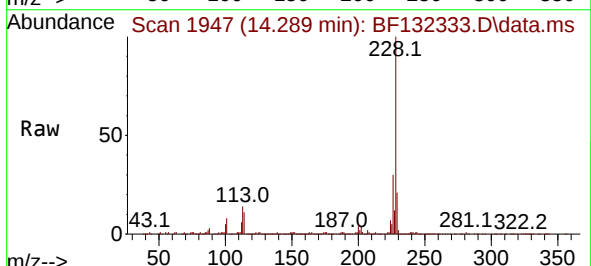
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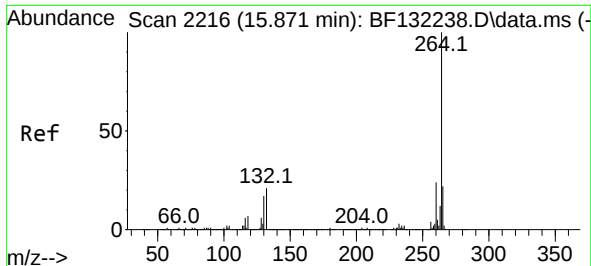
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#83
Chrysene
Concen: 7.080 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

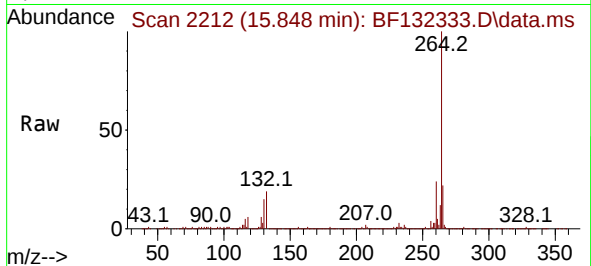
Tgt Ion:228 Resp: 159764
Ion Ratio Lower Upper
228 100
226 29.6 24.9 37.3
229 21.4 16.4 24.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.848 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

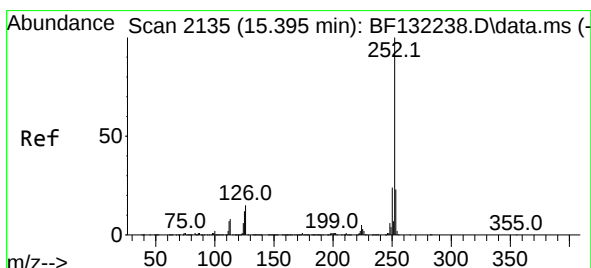
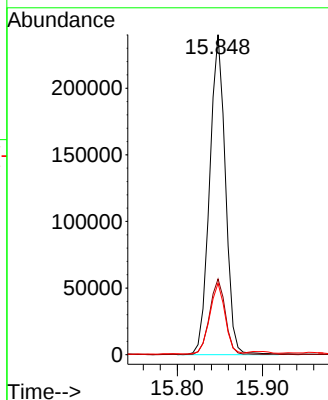
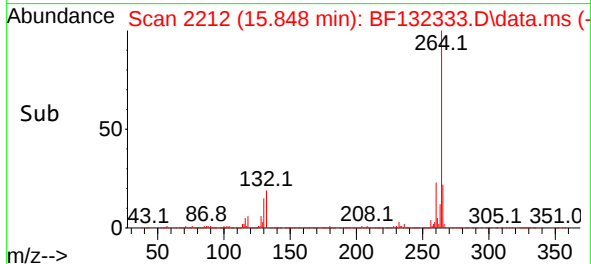
Instrument :
BNA_F
ClientSampleId :
JPP-22-020223



Tgt Ion:264 Resp: 30927
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.3 17.4 26.2

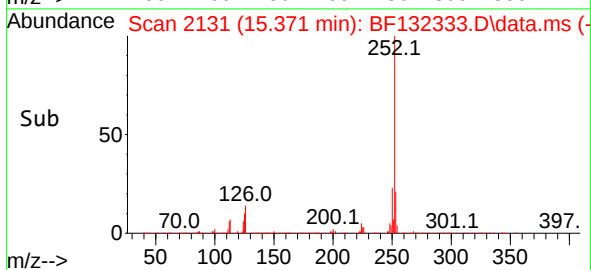
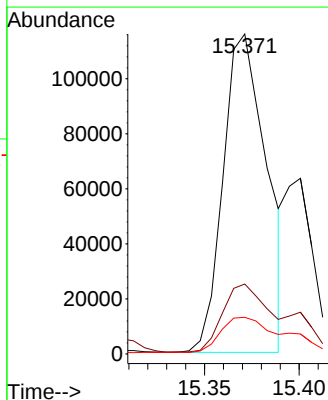
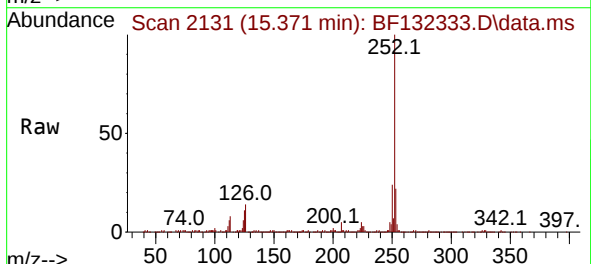
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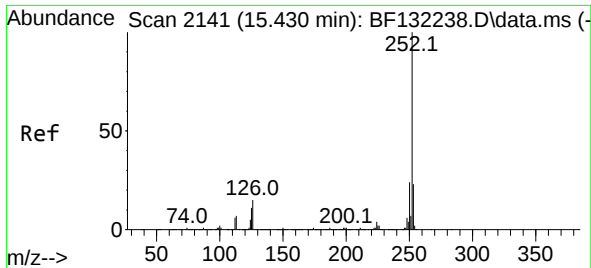
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#88
Benzo(b)fluoranthene
Concen: 9.384 ng m
RT: 15.371 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

Tgt Ion:252 Resp: 184484
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.5 9.6 14.4





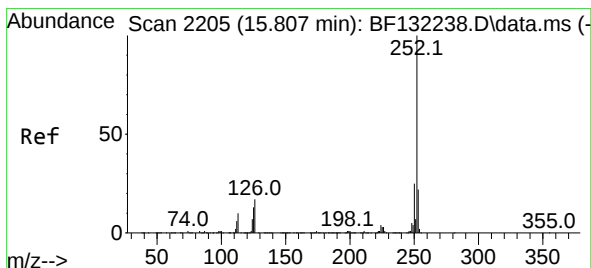
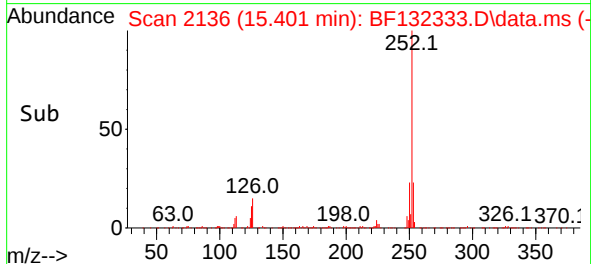
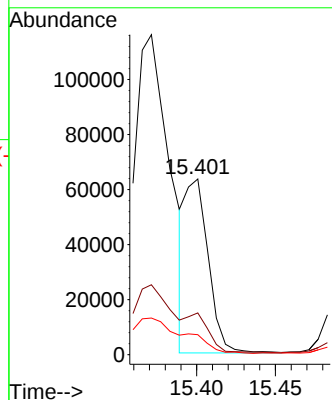
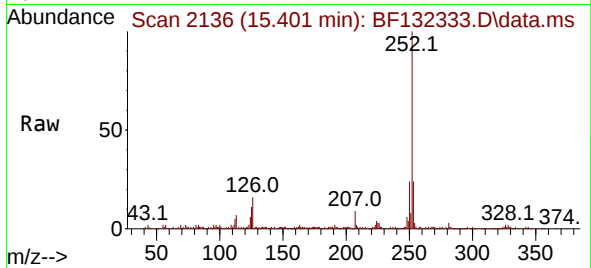
#89
Benzo(k)fluoranthene
Concen: 3.418 ng m
RT: 15.401 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

Instrument :
BNA_F
ClientSampleId :
JPP-22-020223

Tgt Ion:252 Resp: 6414
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 11.4 9.0 13.6

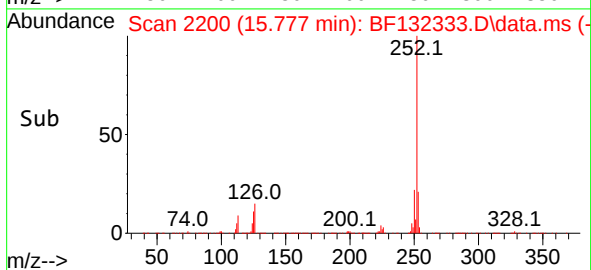
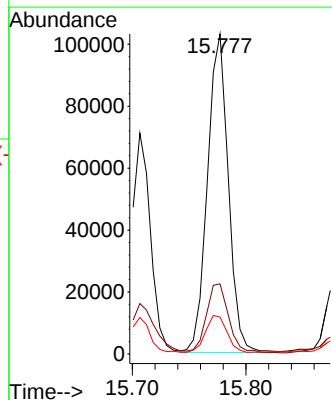
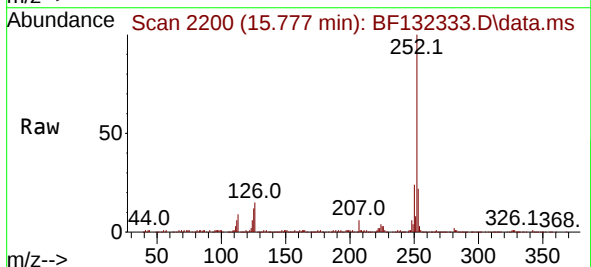
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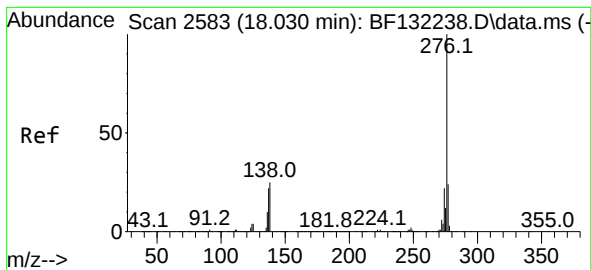
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#90
Benzo(a)pyrene
Concen: 7.177 ng
RT: 15.777 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF132333.D
Acq: 03 Feb 2023 21:12

Tgt Ion:252 Resp: 131383
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.5 10.2 15.4





#92

Benzo(g,h,i)perylene

Concen: 3.260 ng

RT: 17.977 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF132333.D

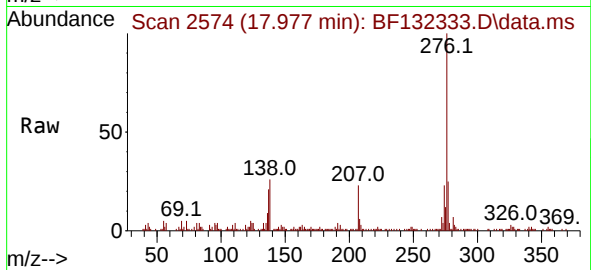
Acq: 03 Feb 2023 21:12

Instrument :

BNA_F

ClientSampleId :

JPP-22-020223



Tgt Ion: 276 Resp: 5565

Ion Ratio Lower Upper

276 100

277 24.9 19.4 29.2

138 26.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/06/2023

Supervised By : Jagrut Upadhyay 02/06/2023

