

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132686.D
 Acq On : 07 Mar 2023 19:38
 Operator : CG\JU
 Sample : 01825-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP4-0306

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 04:43:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	193813	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	715369	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	383144	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	722402	20.000	ng	0.00
76) Chrysene-d12	14.186	240	383791	20.000	ng	#-0.01
86) Perylene-d12	15.733	264	391125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1087357	91.054	ng	0.00
7) Phenol-d6	6.616	99	1386231	88.945	ng	0.00
23) Nitrobenzene-d5	7.551	82	899767	59.674	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	369945	89.406	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1438955	57.186	ng	-0.01
79) Terphenyl-d14	13.121	244	1529267	67.370	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.751	202	266302	6.509	ng	99
78) Pyrene	12.980	202	257745	7.387	ng	99
81) Benzo(a)anthracene	14.174	228	126048	4.389	ng	99
83) Chrysene	14.210	228	114709	4.272	ng	96
87) Indeno(1,2,3-cd)pyrene	17.315	276	70889	2.766	ng	98
88) Benzo(b)fluoranthene	15.268	252	145917m	5.567	ng	
89) Benzo(k)fluoranthene	15.298	252	59952m	2.337	ng	
90) Benzo(a)pyrene	15.663	252	109054	4.445	ng	97
92) Benzo(g,h,i)perylene	17.804	276	65280	4.288	ng	98

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

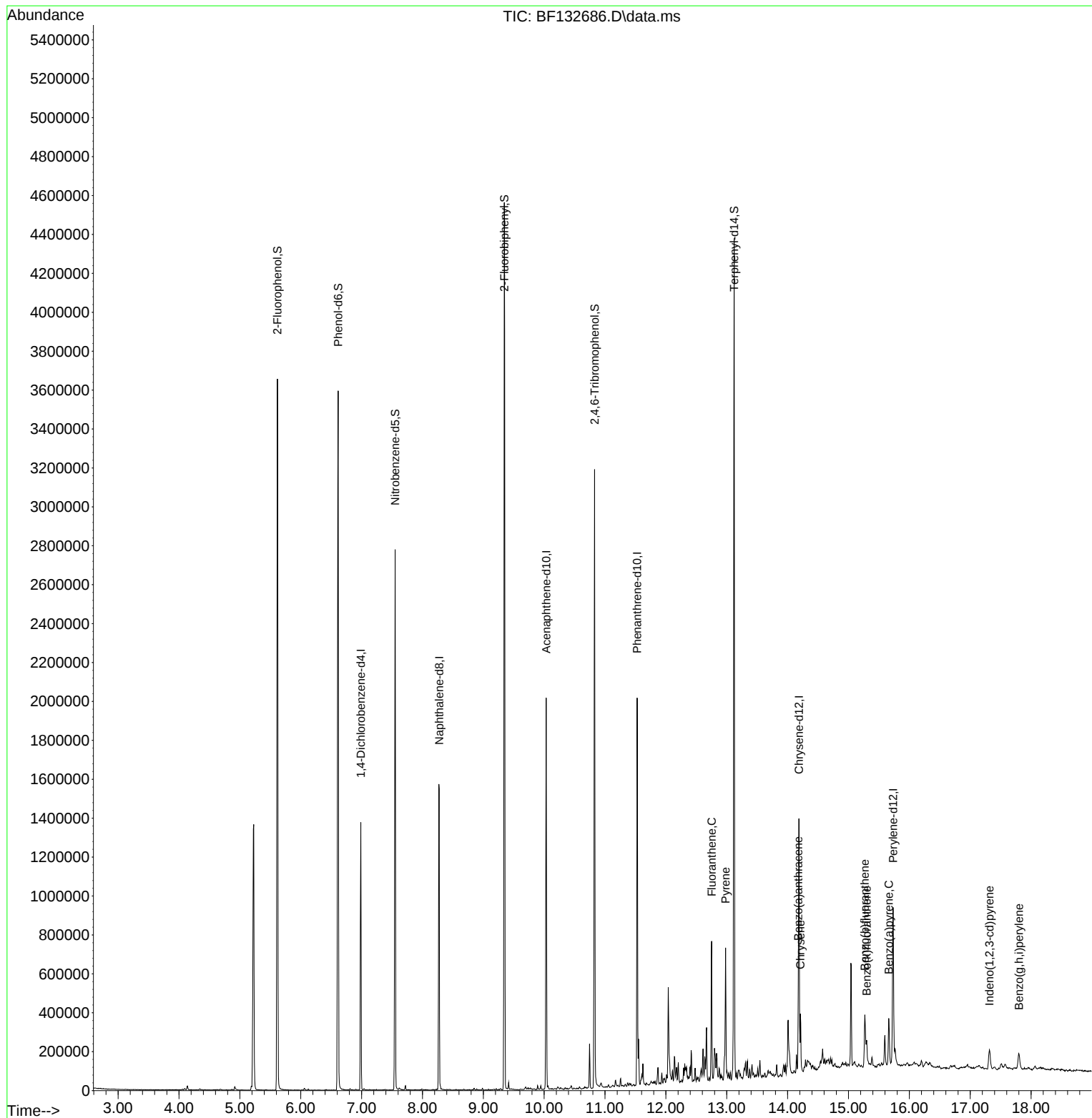
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132686.D
Acq On : 07 Mar 2023 19:38
Operator : CG\JU
Sample : 01825-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

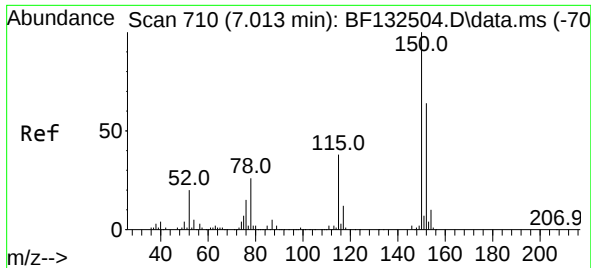
Instrument :
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Quant Time: Mar 08 04:43:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF02223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

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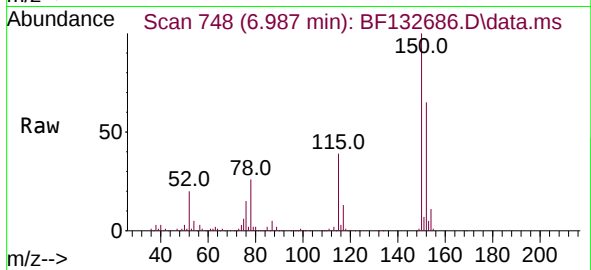
Reviewed By : Christian Giraldo 03/08/2023
Supervised By : Jagrut Upadhyay 03/08/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

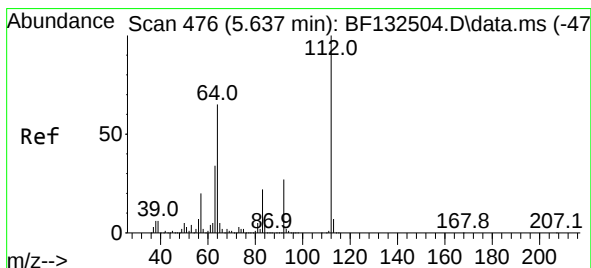
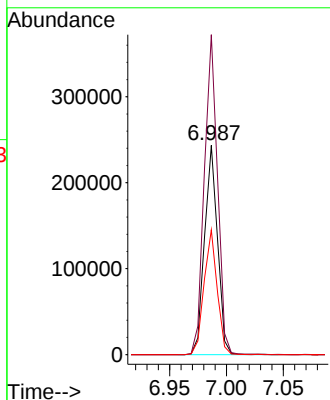
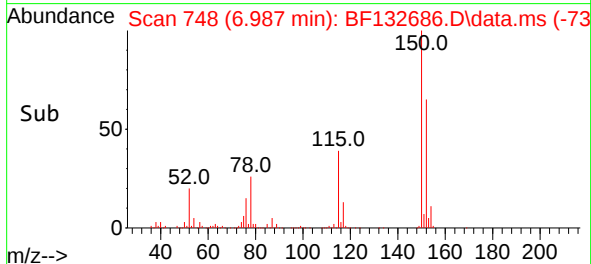
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306



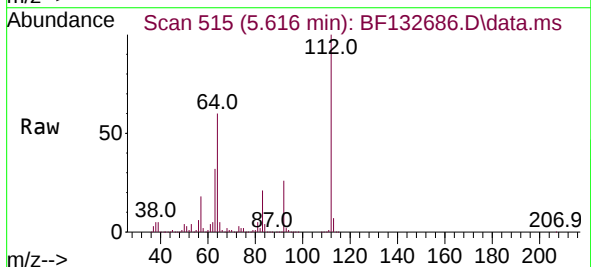
Tgt Ion:152 Resp: 193813
Ion Ratio Lower Upper
152 100
150 152.9 125.4 188.2
115 59.6 47.8 71.6

Manual Integrations
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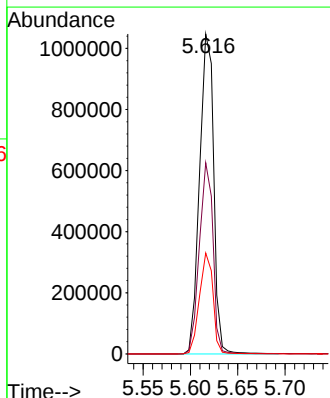
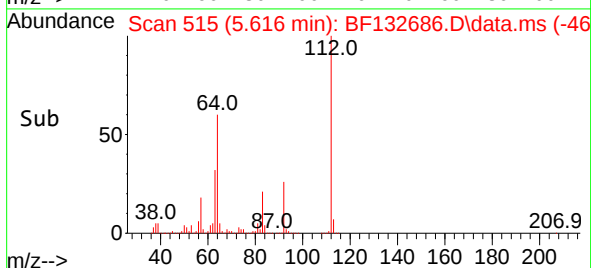
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#5
2-Fluorophenol
Concen: 91.054 ng
RT: 5.616 min Scan# 515
Delta R.T. -0.000 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38



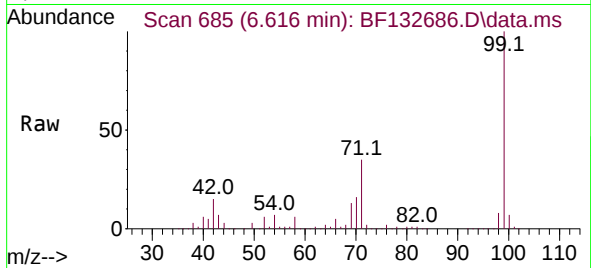
Tgt Ion:112 Resp: 1087357
Ion Ratio Lower Upper
112 100
64 59.7 51.6 77.4
63 31.5 27.4 41.2





#7
Phenol-d6
Concen: 88.945 ng
RT: 6.616 min Scan# 685
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

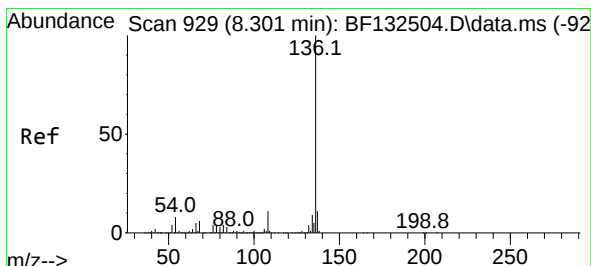
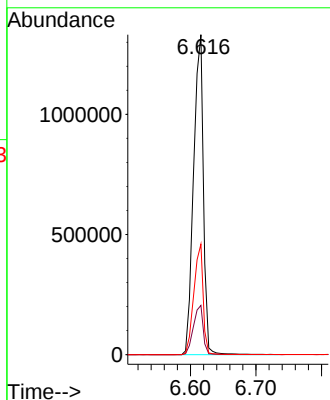
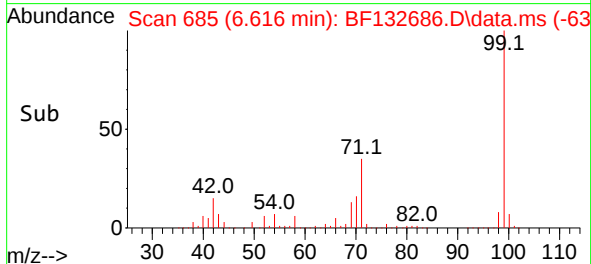
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BNA_F
ClientSampleId :
HH-TP4-0306



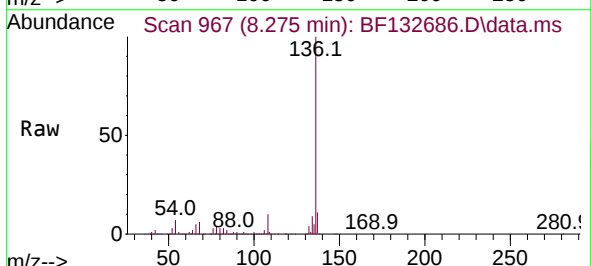
Tgt Ion: 99 Resp: 138623
Ion Ratio Lower Upper
99 100
42 15.4 13.9 20.9
71 34.5 28.5 42.7

Manual Integrations
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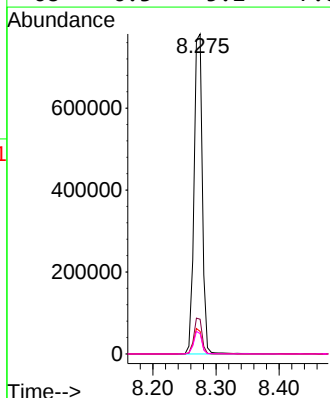
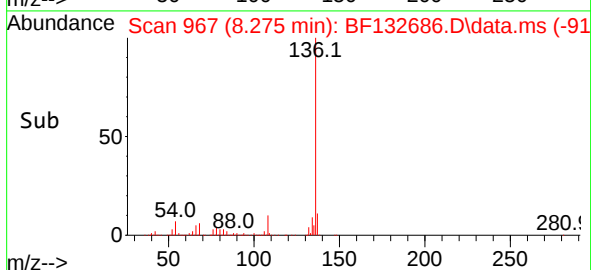
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

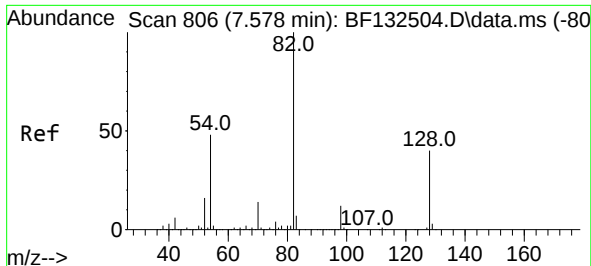


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38



Tgt Ion:136 Resp: 715369
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 6.2 9.4
68 6.3 5.2 7.8





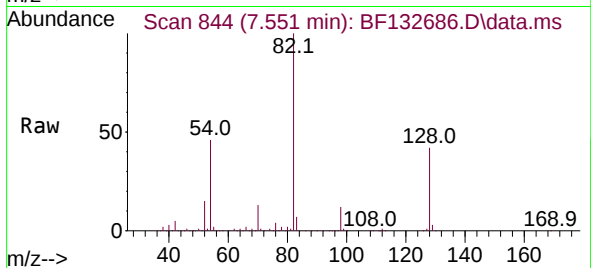
#23
Nitrobenzene-d5
Concen: 59.674 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Instrument :

BNA_F

ClientSampleId :

HH-TP4-0306

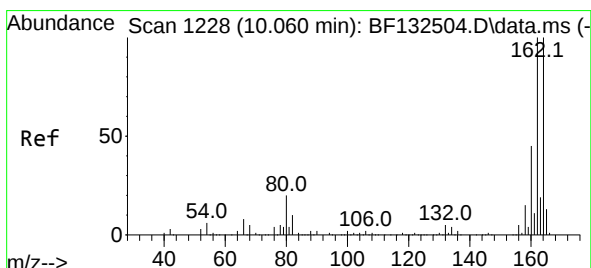
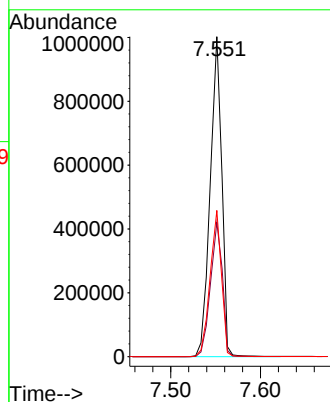
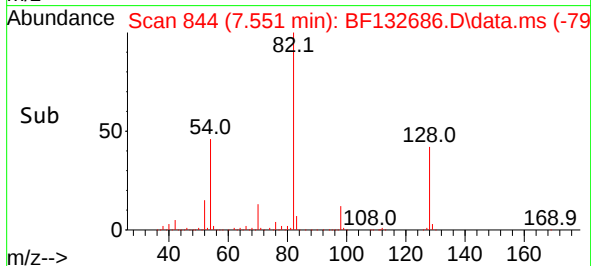


Tgt Ion: 82 Resp: 899762
Ion Ratio Lower Upper
82 100
128 41.9 32.2 48.2
54 45.7 38.4 57.6

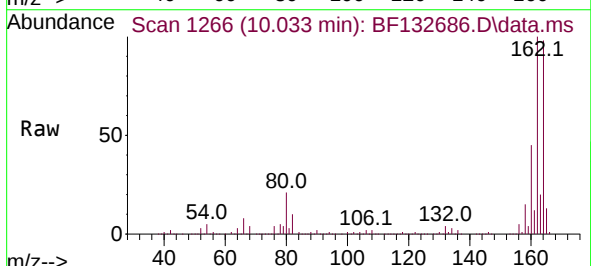
Manual Integrations

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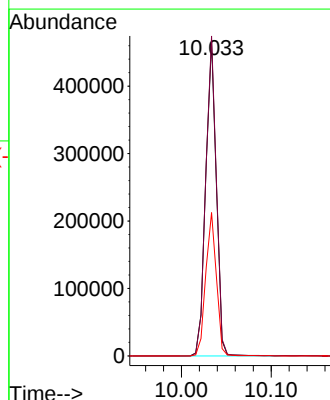
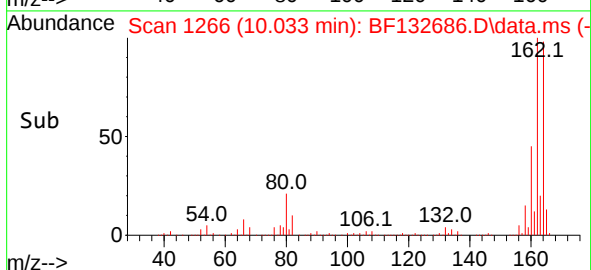
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

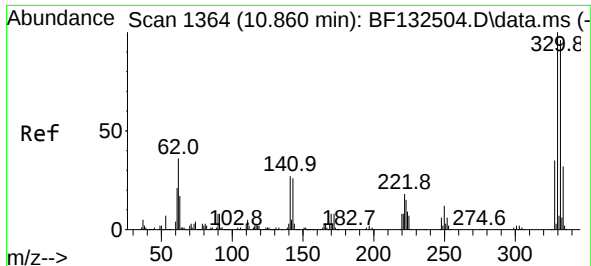


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38



Tgt Ion:164 Resp: 383144
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 45.5 35.8 53.6





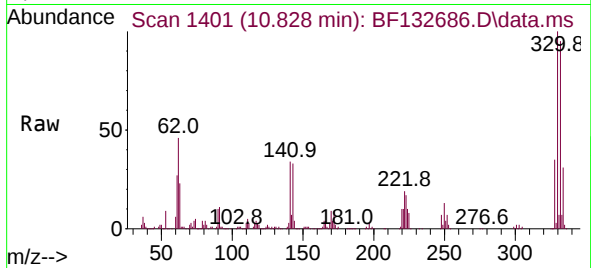
#42
2,4,6-Tribromophenol
Concen: 89.406 ng
RT: 10.828 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Instrument :

BNA_F

ClientSampleId :

HH-TP4-0306

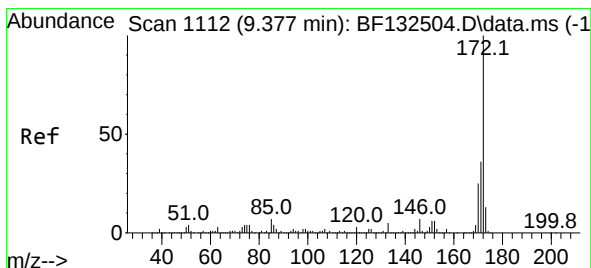
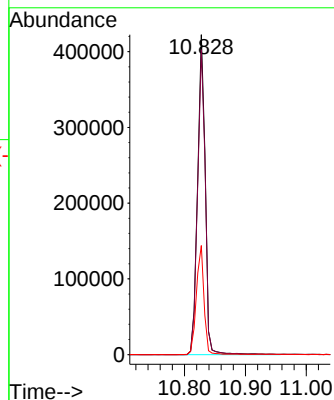
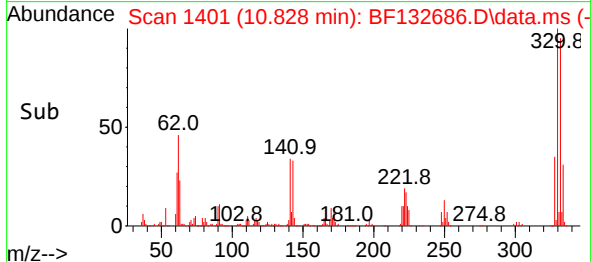


Tgt Ion: 330 Resp: 369945
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 34.2 28.4 42.6

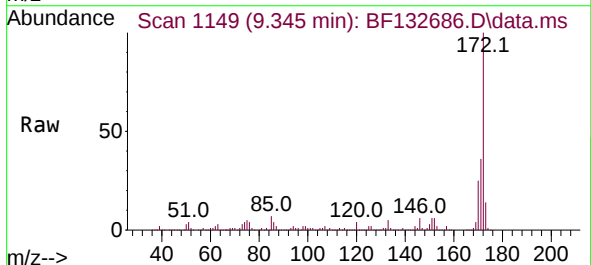
Manual Integrations

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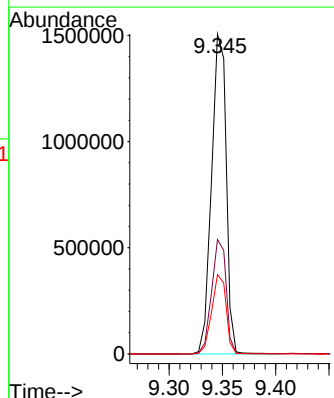
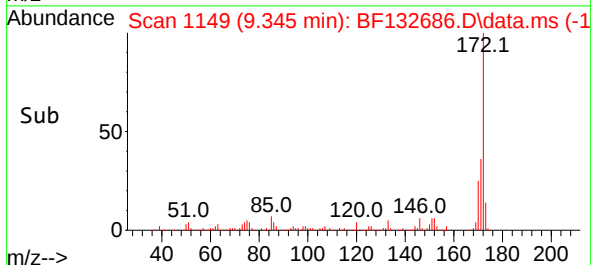
Reviewed By : Christian Giraldo 03/08/2023
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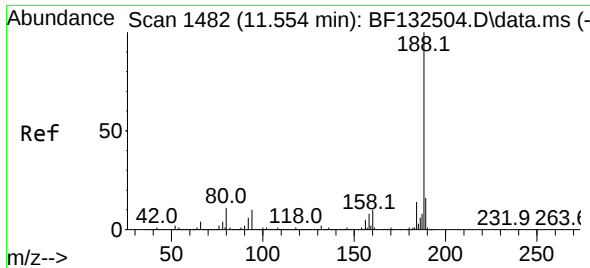


#45
2-Fluorobiphenyl
Concen: 57.186 ng
RT: 9.345 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38



Tgt Ion: 172 Resp: 1438955
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.8 19.7 29.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Instrument :

BNA_F

ClientSampleId :

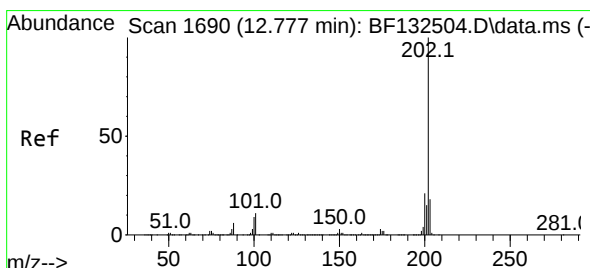
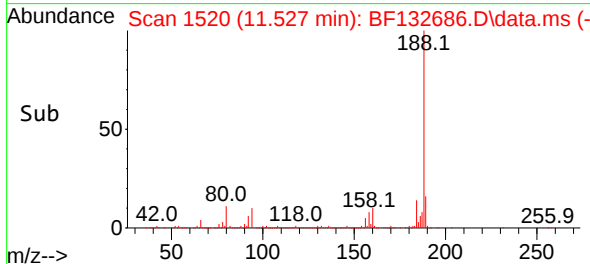
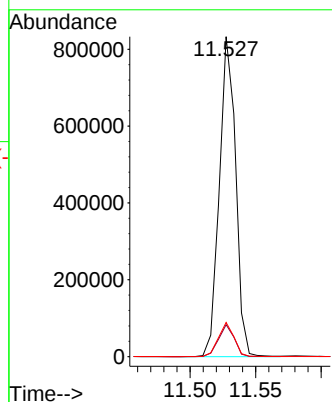
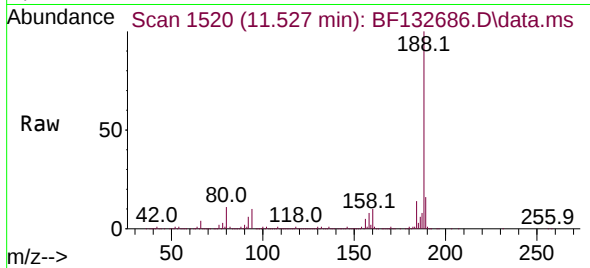
HH-TP4-0306

Tgt Ion:188 Resp: 722402
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.7 8.7 13.1

Manual Integrations

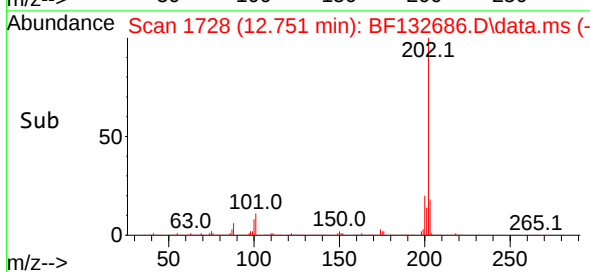
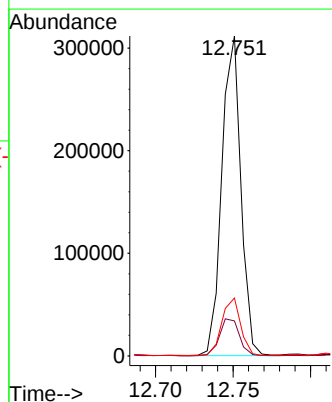
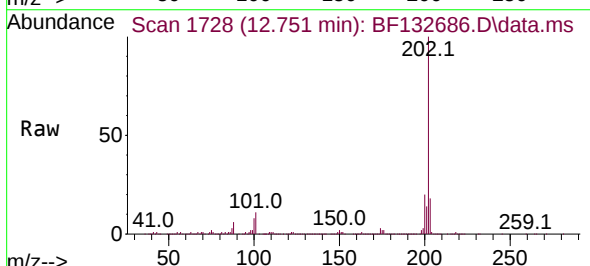
APPROVED

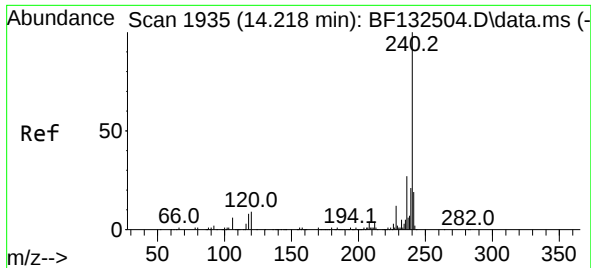
Reviewed By :Christian Giraldo 03/08/2023
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#75
Fluoranthene
Concen: 6.509 ng
RT: 12.751 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

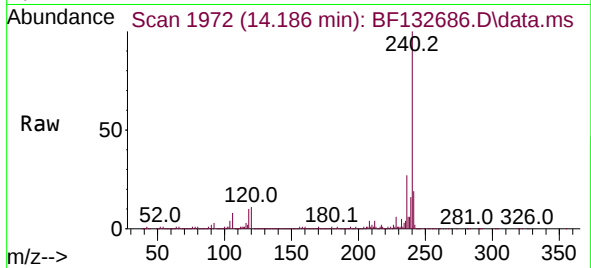
Tgt Ion:202 Resp: 266302
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.1 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

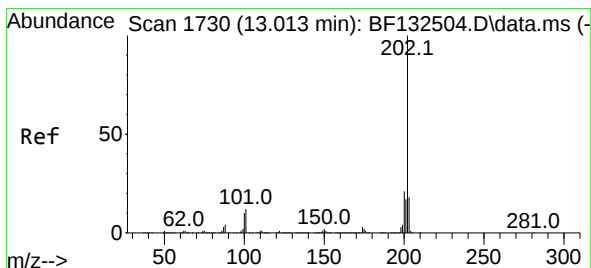
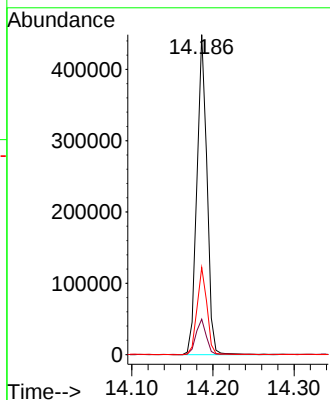
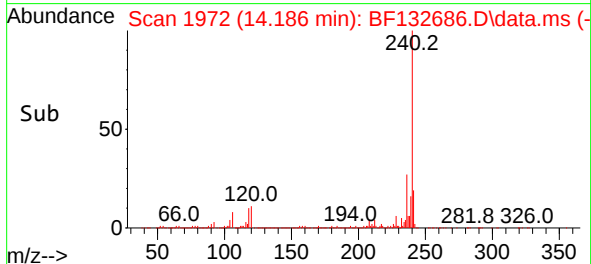
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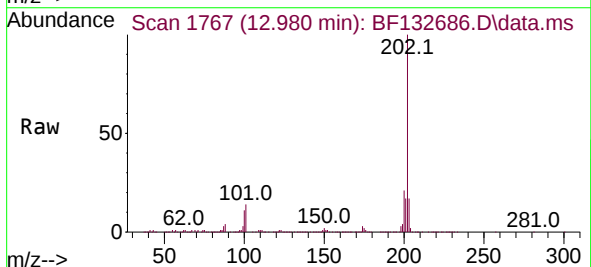
Tgt Ion:240 Resp: 383791
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8
236 27.2 21.8 32.6

Manual Integrations
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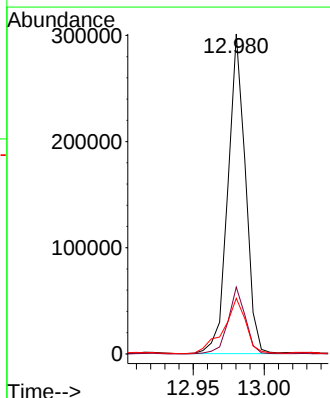
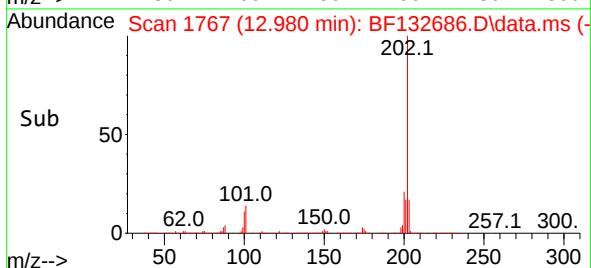
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

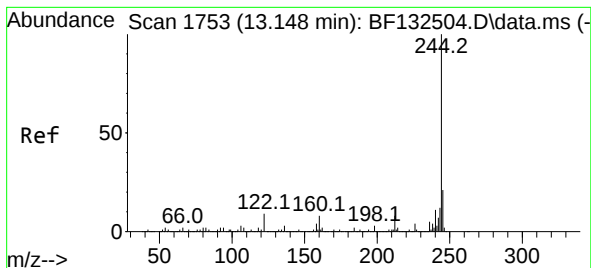


#78
Pyrene
Concen: 7.387 ng
RT: 12.980 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38



Tgt Ion:202 Resp: 257745
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.4 14.6 21.8





#79

Terphenyl-d14

Concen: 67.370 ng

RT: 13.121 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132686.D

Acq: 07 Mar 2023 19:38

Instrument :

BNA_F

ClientSampleId :

HH-TP4-0306

Tgt Ion:244 Resp: 152926

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

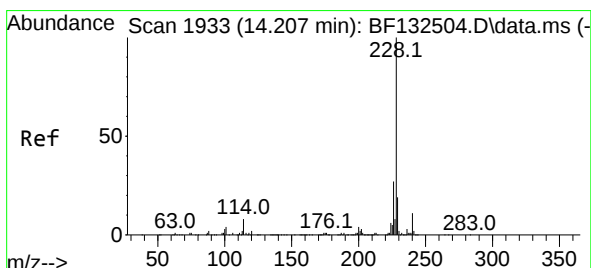
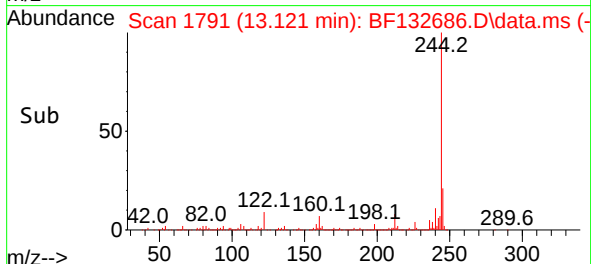
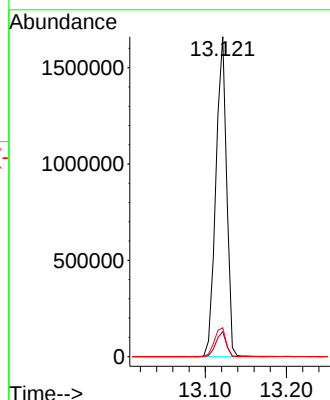
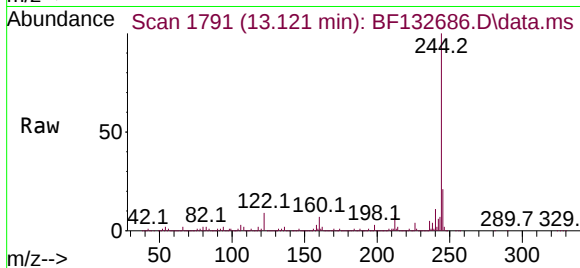
122 9.0 7.5 11.3

Manual Integrations

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#81

Benzo(a)anthracene

Concen: 4.389 ng

RT: 14.174 min Scan# 1970

Delta R.T. -0.012 min

Lab File: BF132686.D

Acq: 07 Mar 2023 19:38

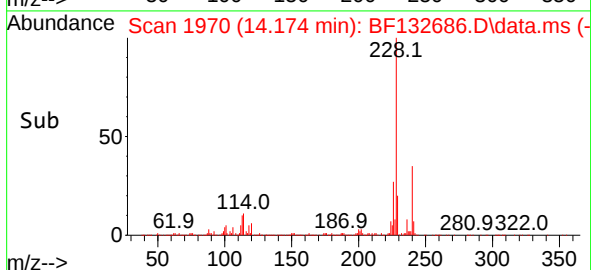
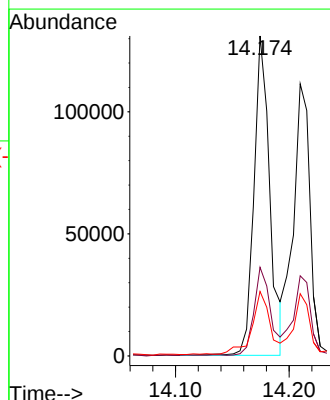
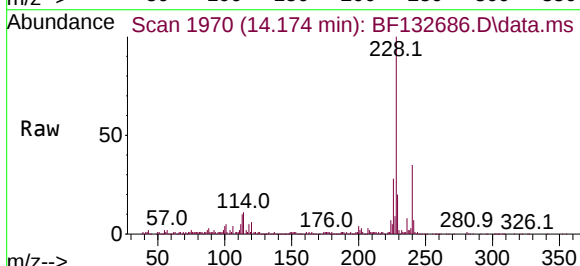
Tgt Ion:228 Resp: 126048

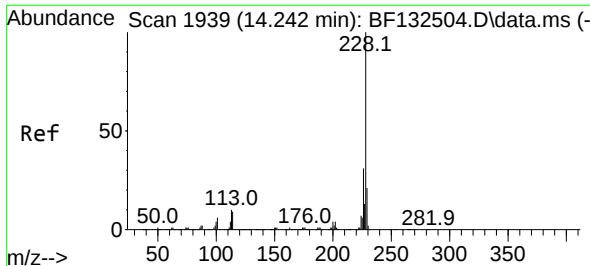
Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

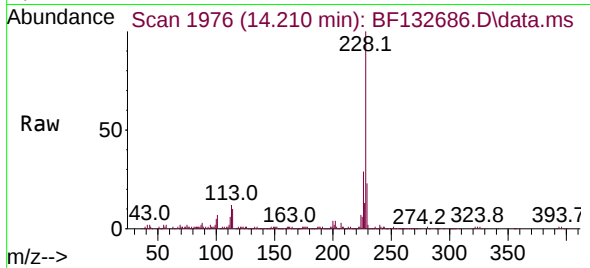
229 20.1 15.4 23.2





#83
Chrysene
Concen: 4.272 ng
RT: 14.210 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

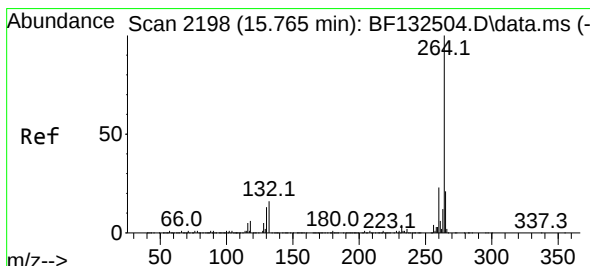
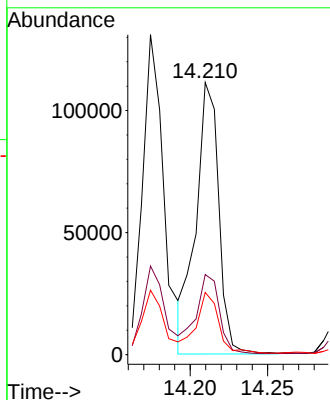
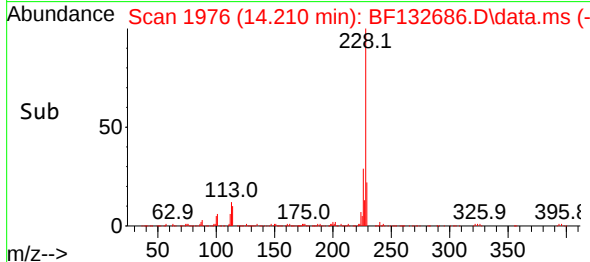
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306



Tgt Ion:228 Resp: 114709
Ion Ratio Lower Upper
228 100
226 29.4 25.0 37.6
229 22.9 16.4 24.6

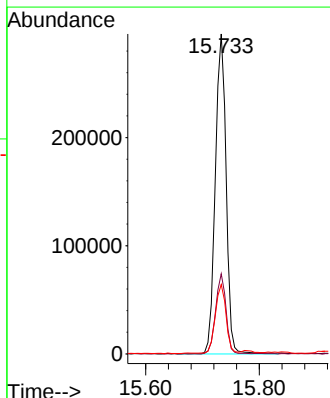
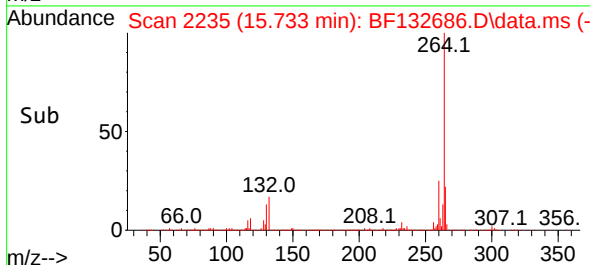
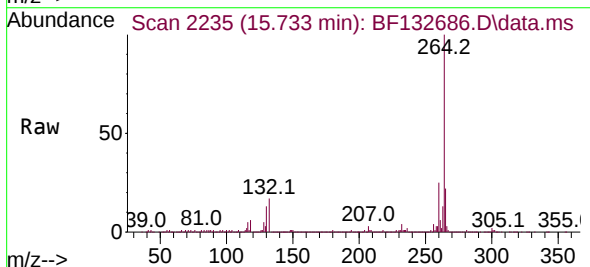
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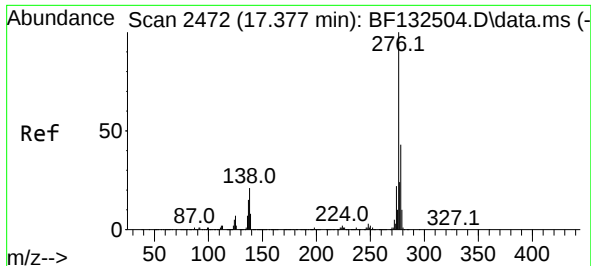
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 2235
Delta R.T. -0.006 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Tgt Ion:264 Resp: 391125
Ion Ratio Lower Upper
264 100
260 25.0 18.8 28.2
265 21.7 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.766 ng
RT: 17.315 min Scan# 2150
Delta R.T. -0.029 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Instrument :

BNA_F

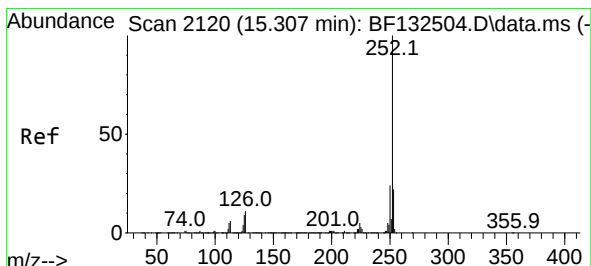
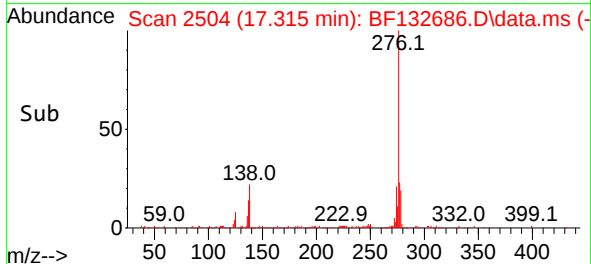
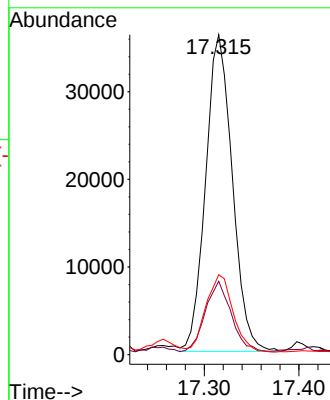
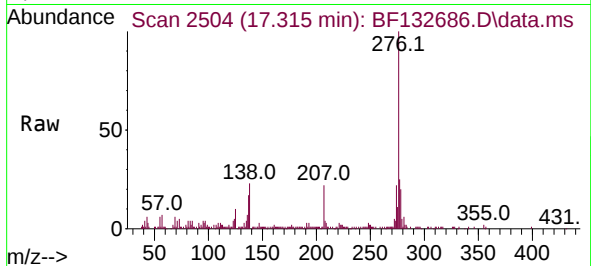
ClientSampleId :

HH-TP4-0306

Tgt Ion:276 Resp: 70889
Ion Ratio Lower Upper
276 100
138 22.4 19.0 28.4
277 24.8 20.0 30.0

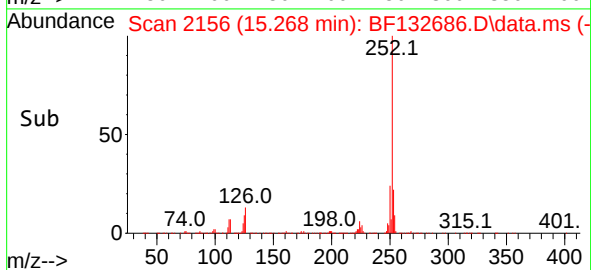
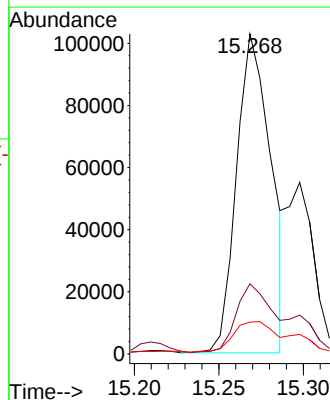
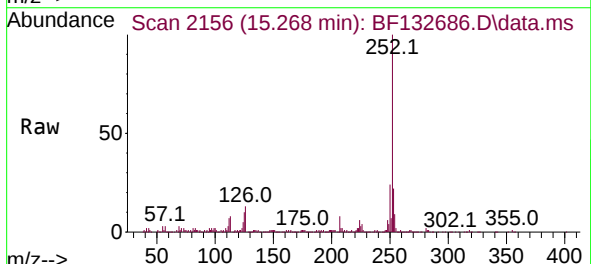
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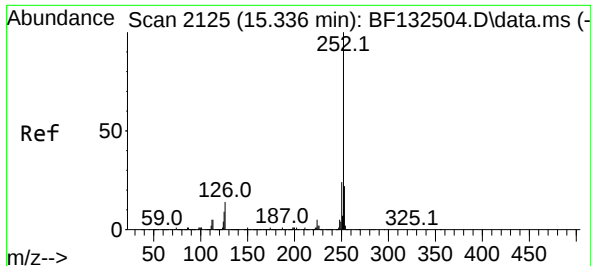
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#88
Benzo(b)fluoranthene
Concen: 5.567 ng m
RT: 15.268 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Tgt Ion:252 Resp: 145917
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.9 7.0 10.6





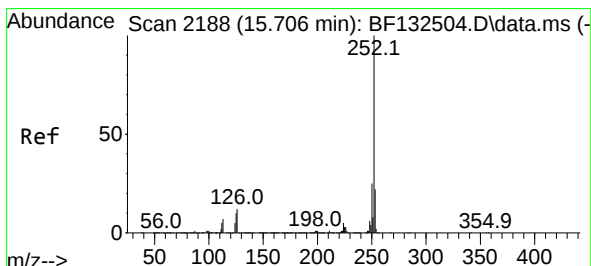
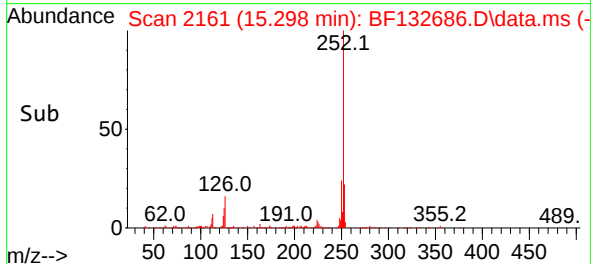
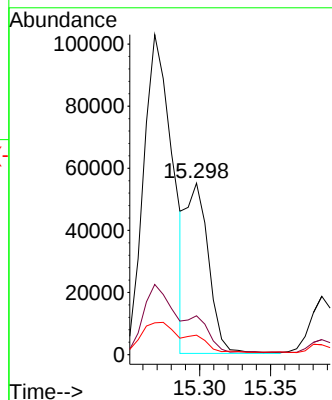
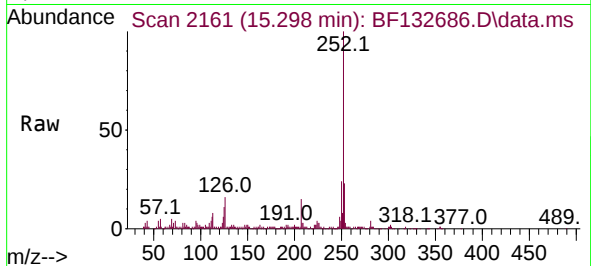
#89
Benzo(k)fluoranthene
Concen: 2.337 ng m
RT: 15.298 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

Tgt Ion:252 Resp: 59952
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.4 7.2 10.8

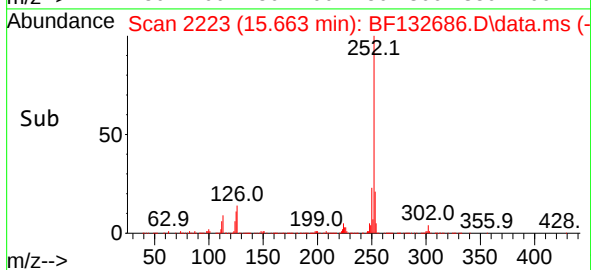
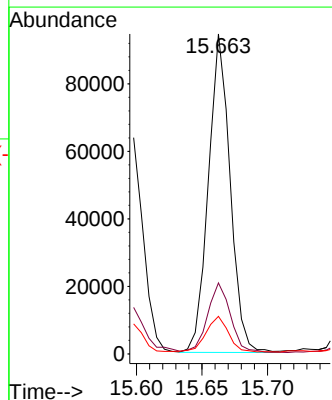
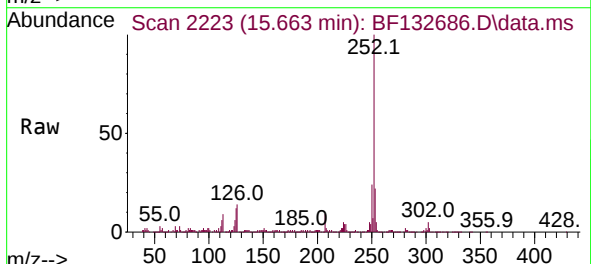
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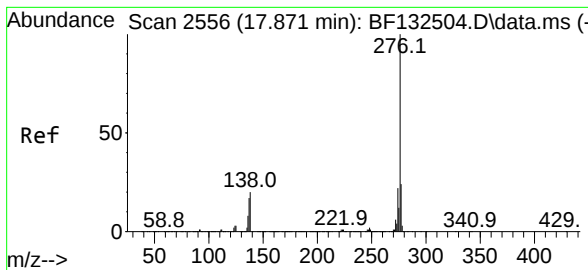
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#90
Benzo(a)pyrene
Concen: 4.445 ng
RT: 15.663 min Scan# 2223
Delta R.T. -0.012 min
Lab File: BF132686.D
Acq: 07 Mar 2023 19:38

Tgt Ion:252 Resp: 109054
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.7 8.0 12.0





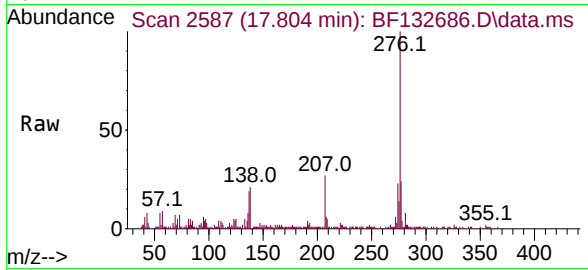
#92
 Benzo(g,h,i)perylene
 Concen: 4.288 ng
 RT: 17.804 min Scan# 2587
 Delta R.T. -0.029 min
 Lab File: BF132686.D
 Acq: 07 Mar 2023 19:38

Instrument :

BNA_F

ClientSampleId :

HH-TP4-0306



Tgt Ion:276 Resp: 65280
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.9 28.3
 138 21.0 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

