

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130936.D
 Acq On : 02 Nov 2022 18:16
 Operator : CG\JU
 Sample : N5395-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-12-103122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/03/2022
 Supervised By : Jagrut Upadhyay 11/03/2022

Quant Time: Nov 03 03:44:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	75398	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	292978	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	152432	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	254246	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	136299	20.000	ng	-0.01
86) Perylene-d12	15.621	264	139612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	615756	141.580	ng	0.01
7) Phenol-d6	6.545	99	781717	138.314	ng	0.00
23) Nitrobenzene-d5	7.487	82	526340	108.328	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	189508	147.687	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	835750	82.893	ng	0.00
79) Terphenyl-d14	13.051	244	614551	82.622	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.674	202	33865	2.429	ng	97
78) Pyrene	12.904	202	32978	2.868	ng	98
88) Benzo(b)fluoranthene	15.174	252	19262m	2.134	ng	
90) Benzo(a)pyrene	15.551	252	15462	2.131	ng	# 89

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

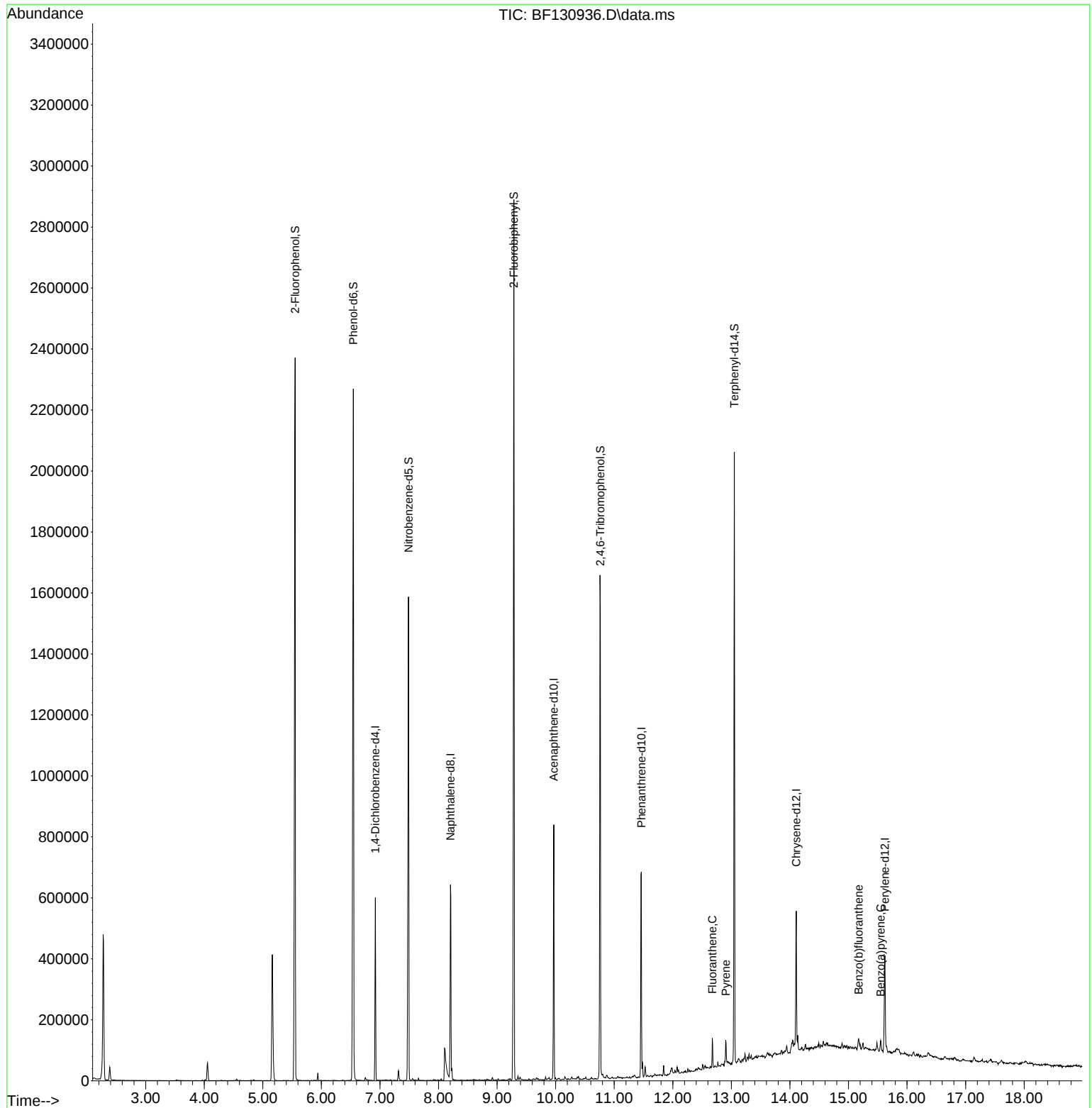
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130936.D
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ALS Vial : 6 Sample Multiplier: 1

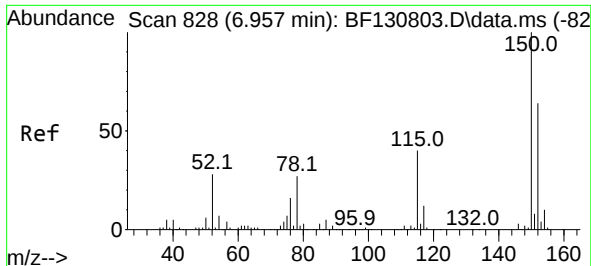
Instrument :
BNA_F
ClientSampleId :
S-12-103122

Quant Time: Nov 03 03:44:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration

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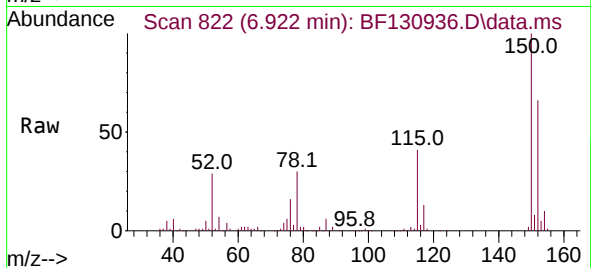
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

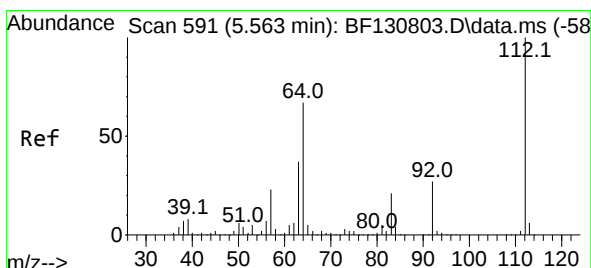
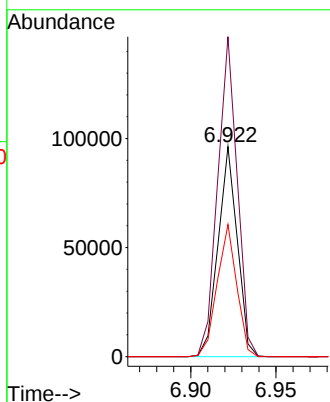
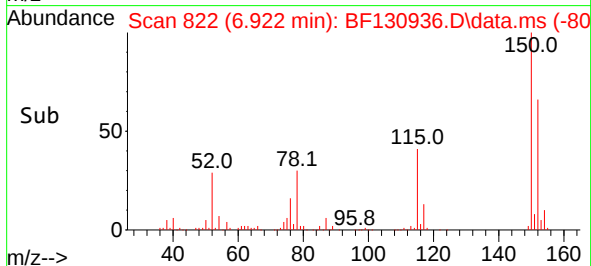
Instrument :
BNA_F
ClientSampleId :
S-12-103122



Tgt Ion:152 Resp: 75398
Ion Ratio Lower Upper
152 100
150 152.4 124.1 186.1
115 62.9 50.1 75.1

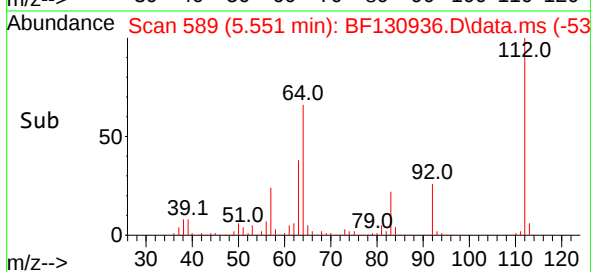
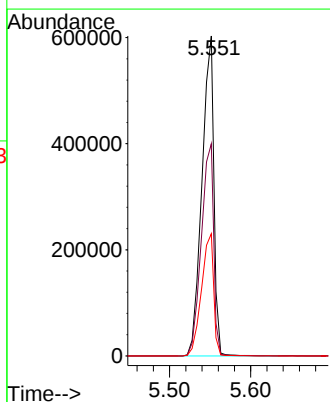
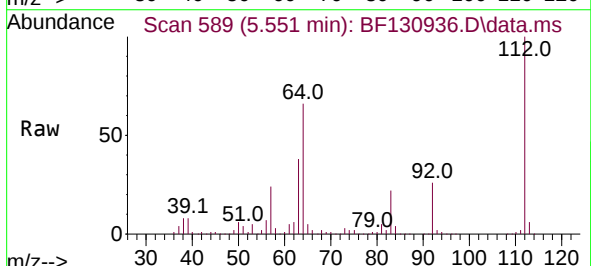
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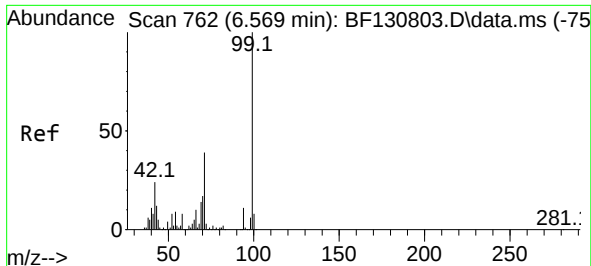
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#5
2-Fluorophenol
Concen: 141.580 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

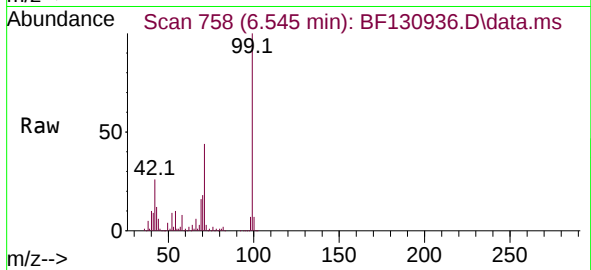
Tgt Ion:112 Resp: 615756
Ion Ratio Lower Upper
112 100
64 66.3 53.9 80.9
63 38.2 29.4 44.2





#7
Phenol-d6
Concen: 138.314 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

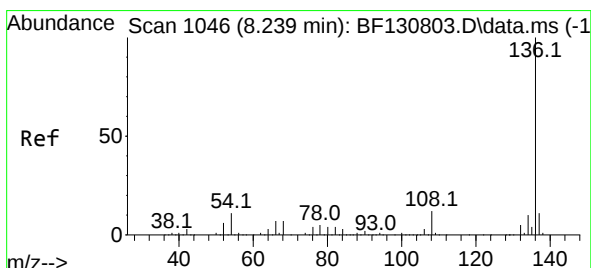
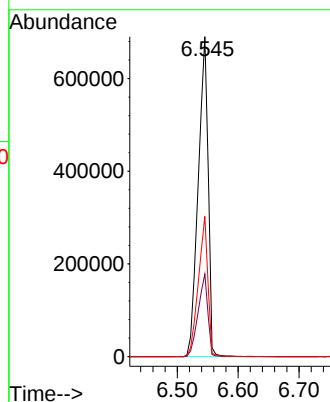
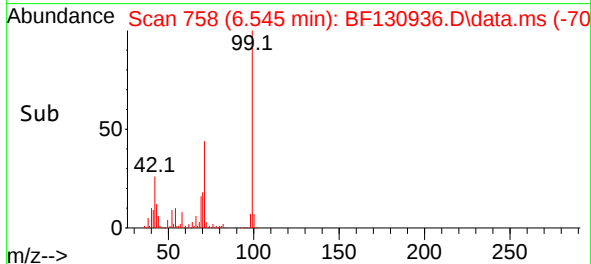
Instrument :
BNA_F
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S-12-103122



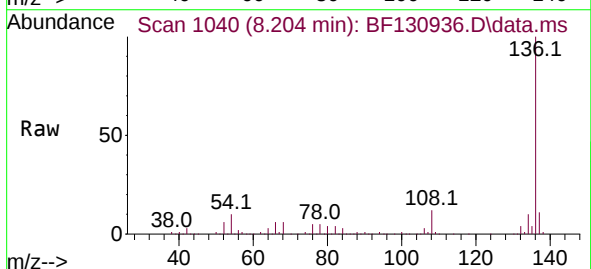
Tgt Ion: 99 Resp: 78171
Ion Ratio Lower Upper
99 100
42 25.8 18.8 28.2
71 43.8 31.4 47.0

Manual Integrations
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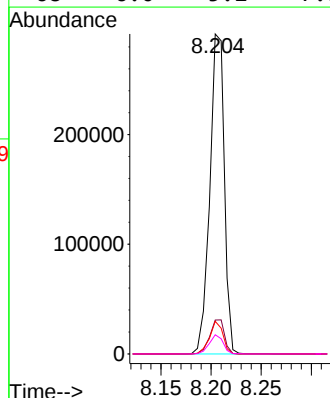
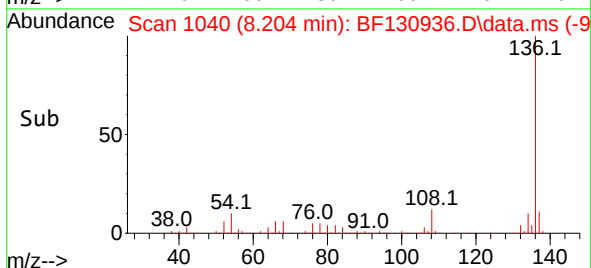
Reviewed By :Christian Giraldo 11/03/2022
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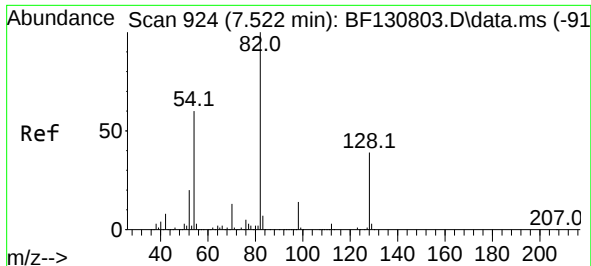


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16



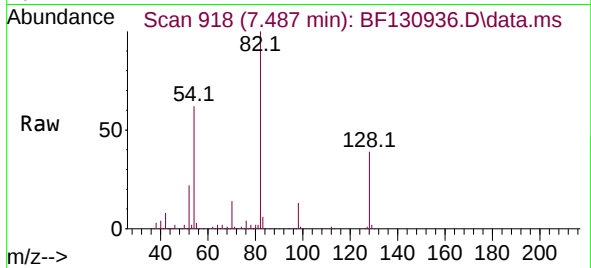
Tgt Ion:136 Resp: 292978
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 10.2 8.8 13.2
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 108.328 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

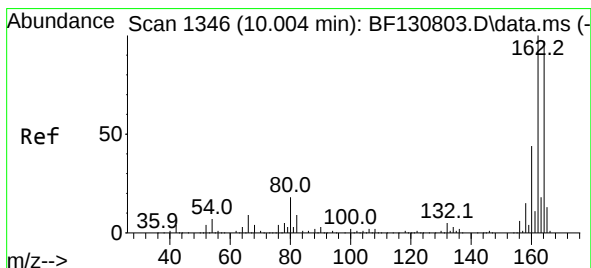
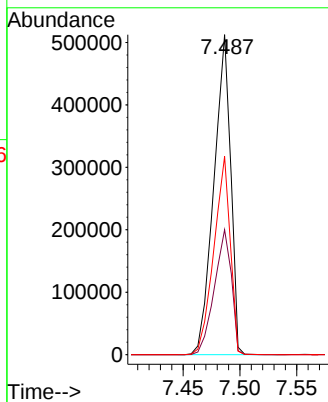
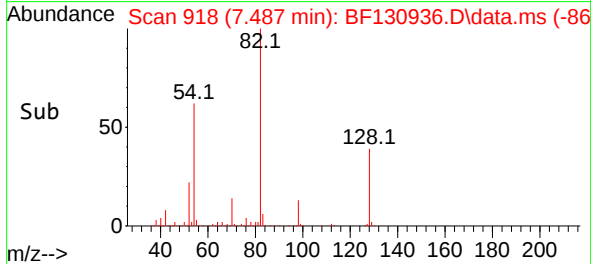
Instrument :
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ClientSampleId :
S-12-103122



Tgt Ion: 82 Resp: 526340
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 62.0 48.0 72.0

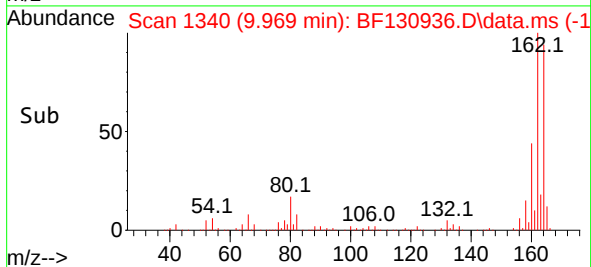
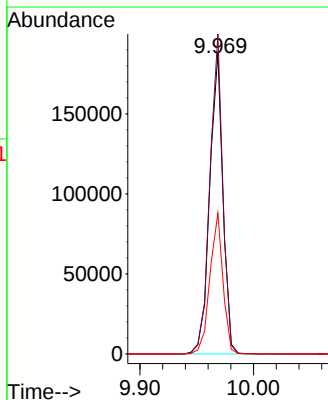
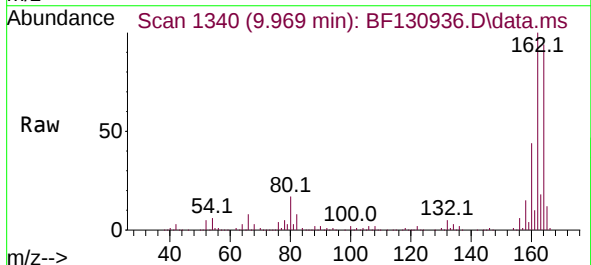
Manual Integrations
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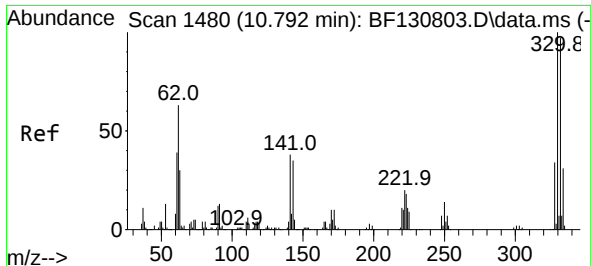
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:164 Resp: 152432
Ion Ratio Lower Upper
164 100
162 106.4 82.2 123.2
160 46.7 36.6 54.8





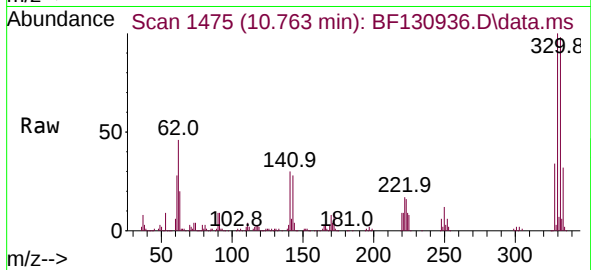
#42
2,4,6-Tribromophenol
Concen: 147.687 ng
RT: 10.763 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Instrument :

BNA_F

ClientSampleId :

S-12-103122

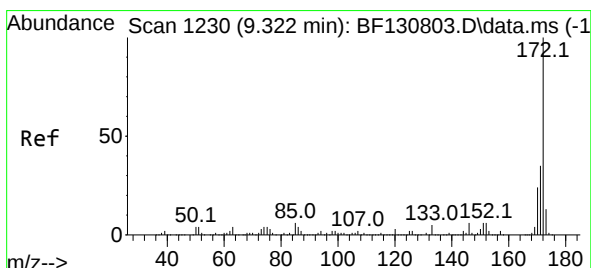
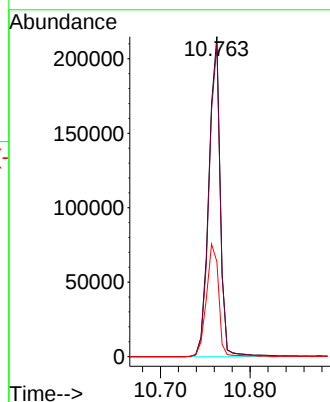
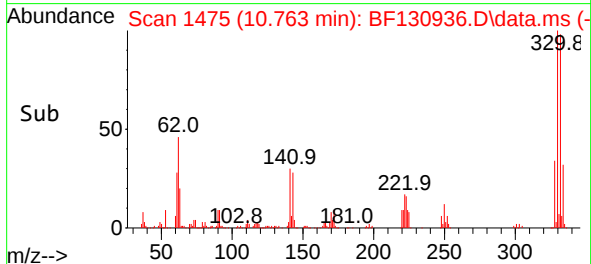


Tgt Ion: 330 Resp: 189508
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 37.8 31.4 47.0

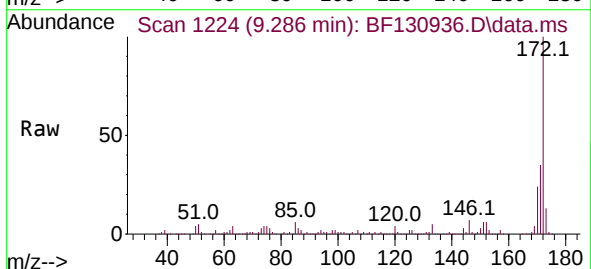
Manual Integrations

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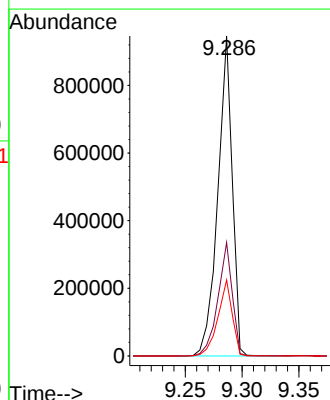
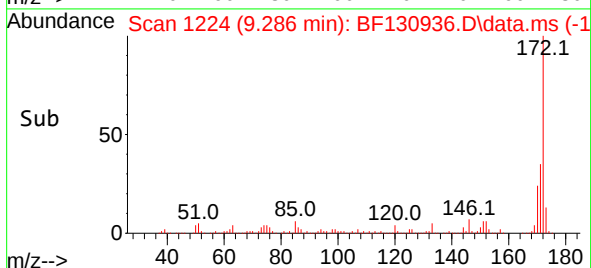
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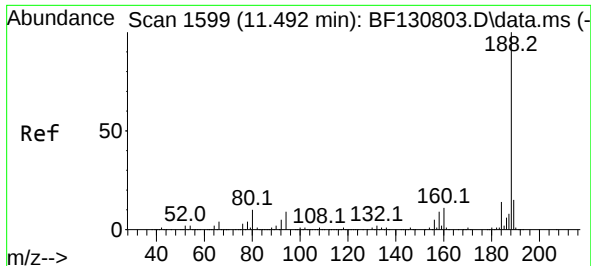


#45
2-Fluorobiphenyl
Concen: 82.893 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16



Tgt Ion: 172 Resp: 835750
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.7 19.0 28.4





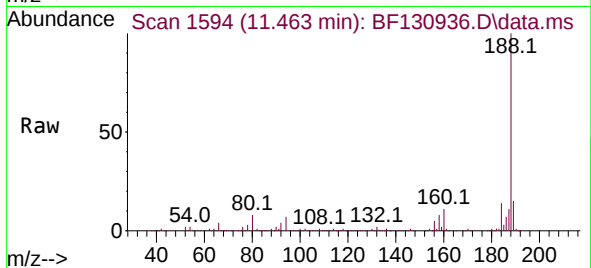
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Instrument :

BNA_F

ClientSampleId :

S-12-103122

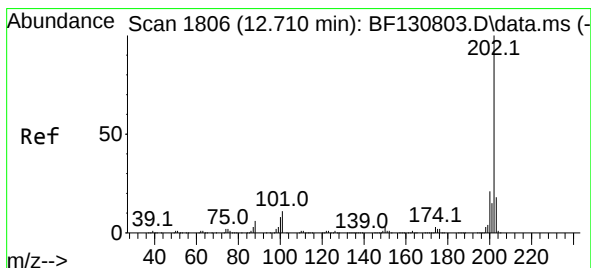
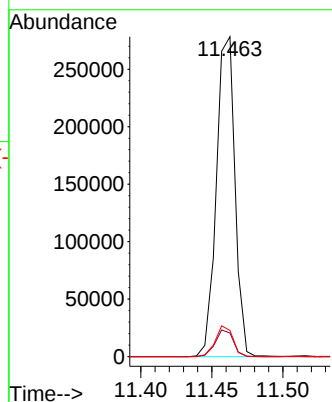
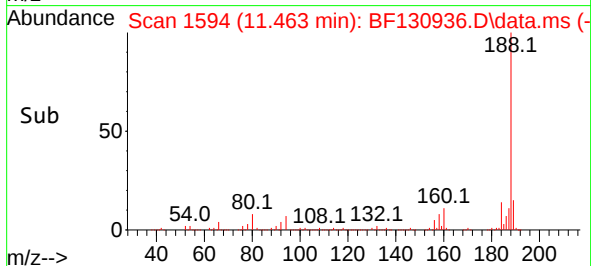


Tgt Ion:188 Resp: 254246
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.2
80 8.2 8.0 12.0

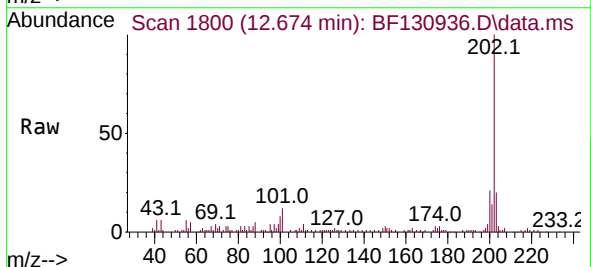
Manual Integrations

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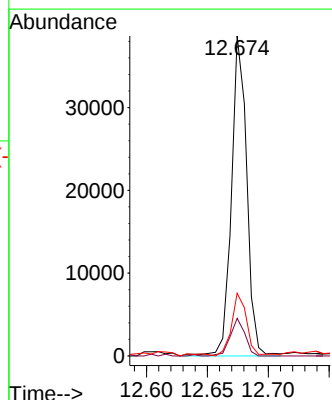
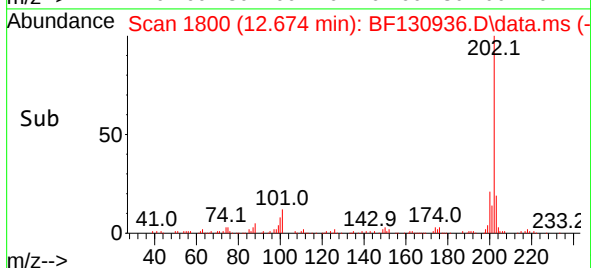
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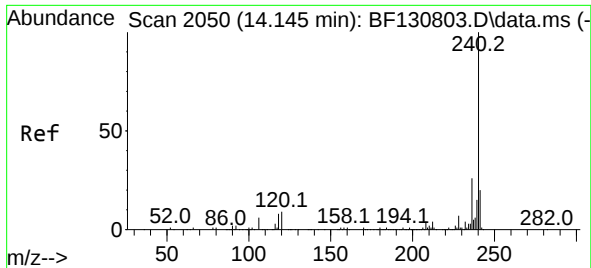


#75
Fluoranthene
Concen: 2.429 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16



Tgt Ion:202 Resp: 33865
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.9
203 19.6 0.0 37.7





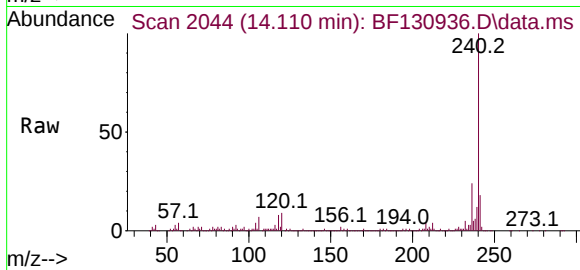
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Instrument :

BNA_F

ClientSampleId :

S-12-103122

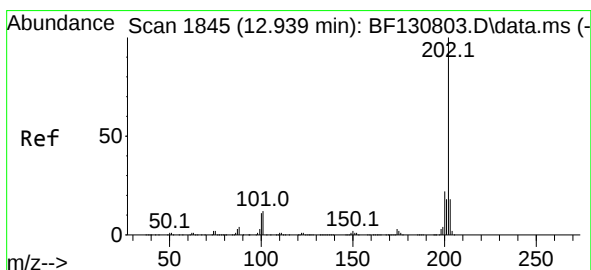
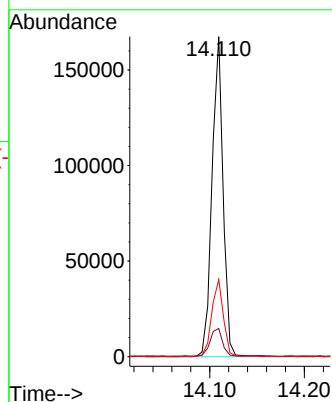
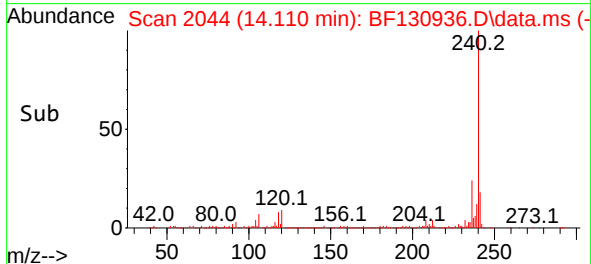


Tgt Ion:240 Resp: 136299
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 24.1 20.5 30.7

Manual Integrations

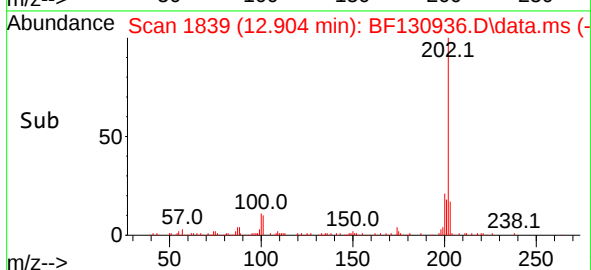
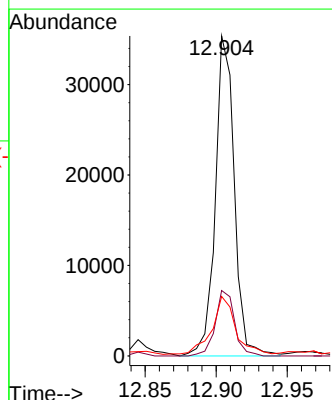
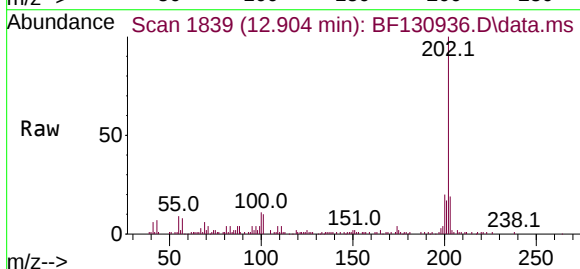
APPROVED

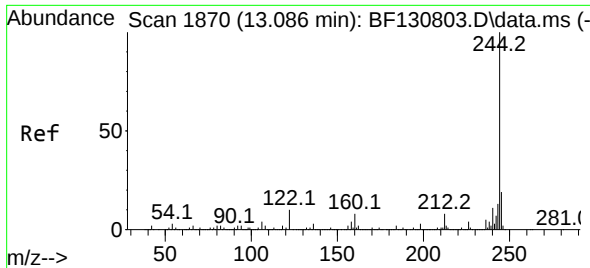
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#78
Pyrene
Concen: 2.868 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

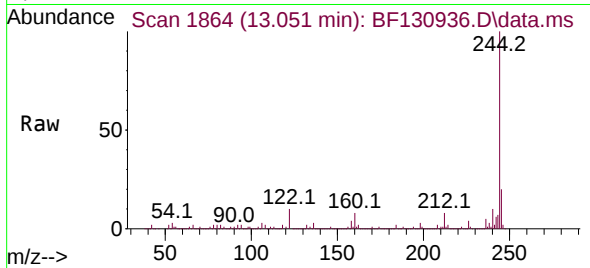
Tgt Ion:202 Resp: 32978
Ion Ratio Lower Upper
202 100
200 20.4 17.2 25.8
203 18.6 14.5 21.7





#79
 Terphenyl-d14
 Concen: 82.622 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130936.D
 Acq: 02 Nov 2022 18:16

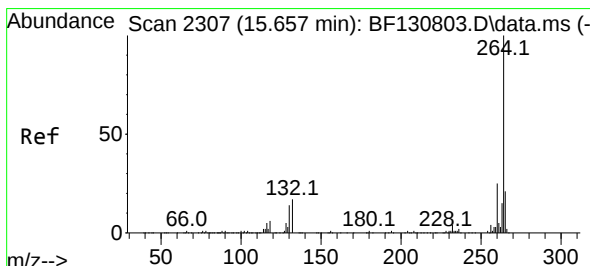
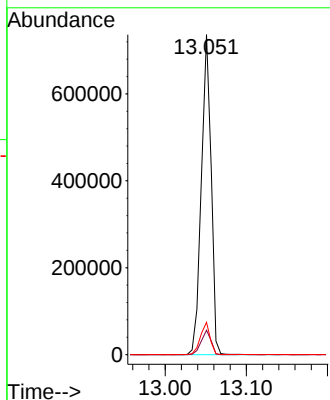
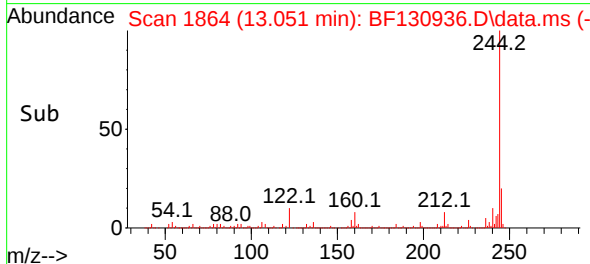
Instrument :
 BNA_F
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 S-12-103122



Tgt Ion:244 Resp: 61455
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.1 7.9 11.9

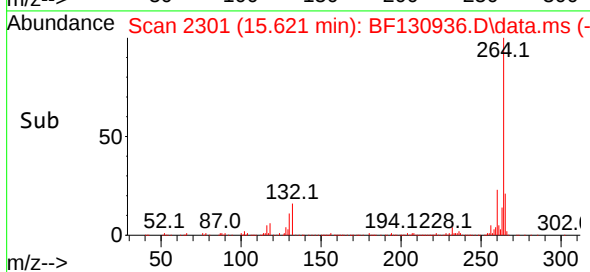
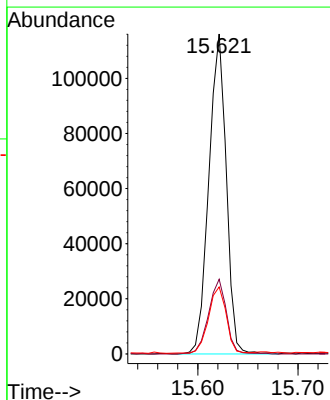
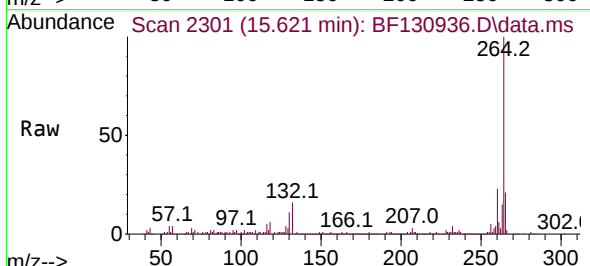
Manual Integrations
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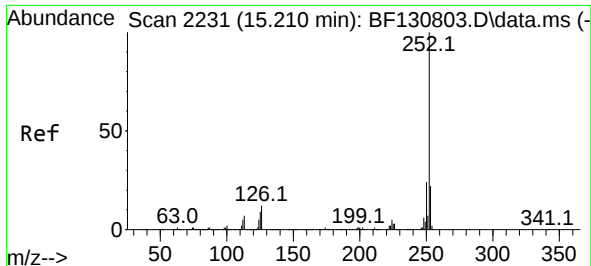
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2301
 Delta R.T. -0.006 min
 Lab File: BF130936.D
 Acq: 02 Nov 2022 18:16

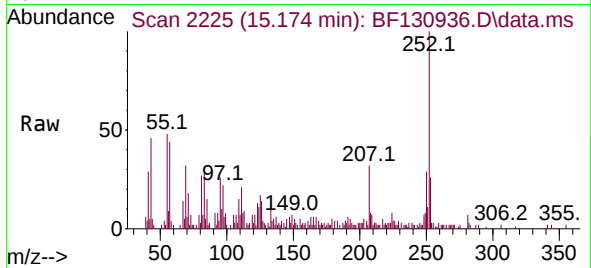
Tgt Ion:264 Resp: 139612
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.9 29.9
 265 20.9 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 2.134 ng m
RT: 15.174 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

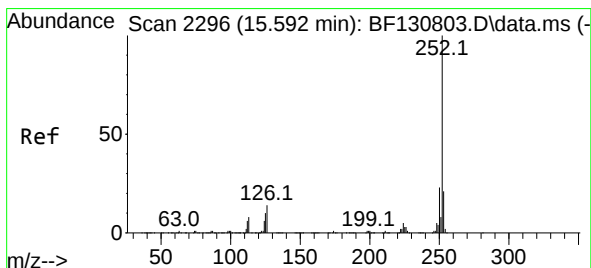
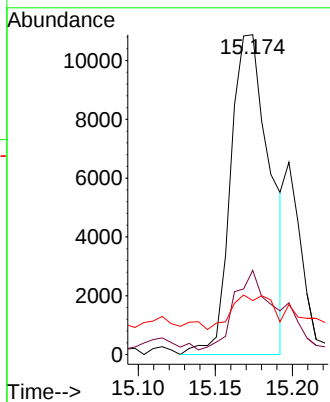
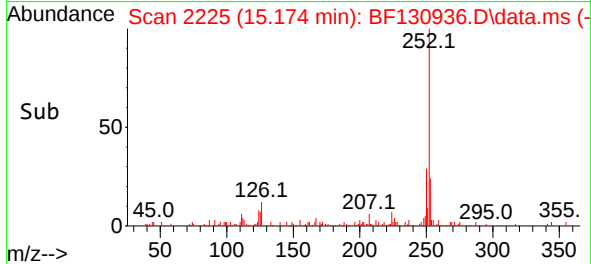
Instrument :
BNA_F
ClientSampleId :
S-12-103122



Tgt Ion:252 Resp: 19262
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3#
125 16.9 7.0 10.4#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#90
Benzo(a)pyrene
Concen: 2.131 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF130936.D
Acq: 02 Nov 2022 18:16

Tgt Ion:252 Resp: 15462
Ion Ratio Lower Upper
252 100
253 25.4 16.8 25.2#
125 15.4 8.3 12.5#

