

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131730.D
 Acq On : 21 Dec 2022 00:19
 Operator : CG\JU
 Sample : N6037-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-24-(1-3)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 04:51:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	76781	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	277561	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	166292	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	319185	20.000	ng	0.00
76) Chrysene-d12	14.057	240	151062	20.000	ng	0.00
86) Perylene-d12	15.557	264	162888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	482775	105.878	ng	0.00
7) Phenol-d6	6.492	99	638996	104.117	ng	-0.01
23) Nitrobenzene-d5	7.434	82	437285	63.958	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	178734	98.198	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	776738	65.431	ng	0.00
79) Terphenyl-d14	13.004	244	843320	87.006	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.627	202	67951	3.506	ng	99
78) Pyrene	12.857	202	64421	4.690	ng	99
88) Benzo(b)fluoranthene	15.115	252	32747m	2.842	ng	
90) Benzo(a)pyrene	15.486	252	23870	2.615	ng	96

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

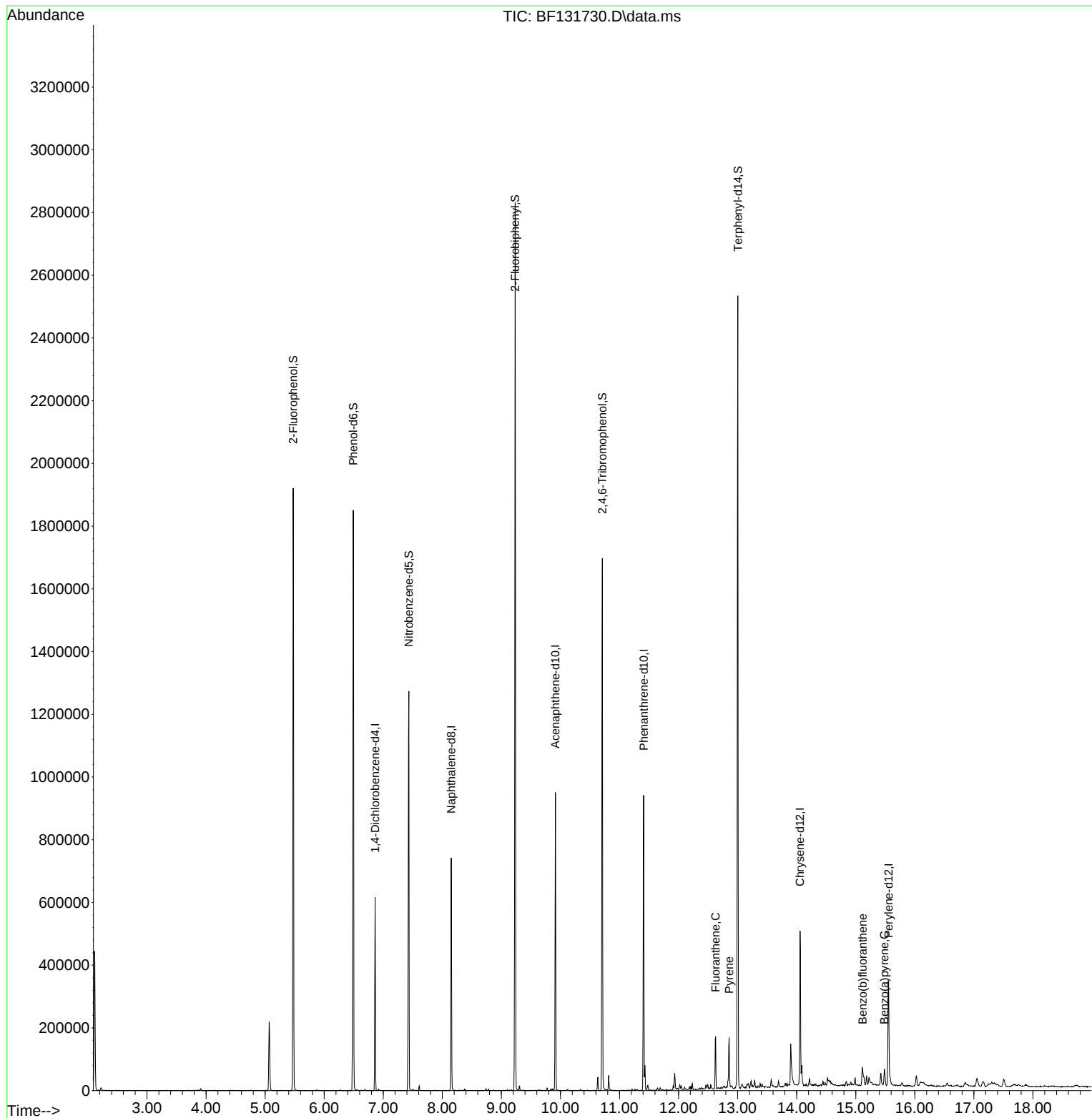
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131730.D
Acq On : 21 Dec 2022 00:19
Operator : CG\JU
Sample : N6037-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

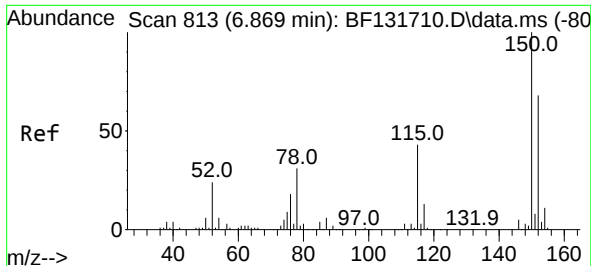
Instrument :
BNA_F
ClientSampleId :
RB-24-(1-3)

Quant Time: Dec 21 04:51:02 2022
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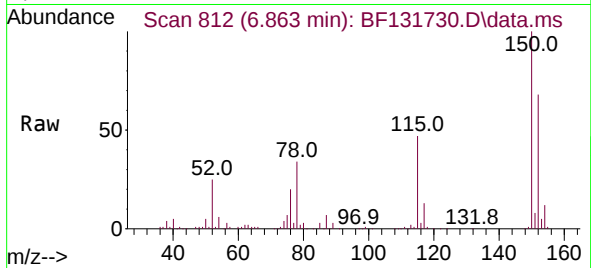
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

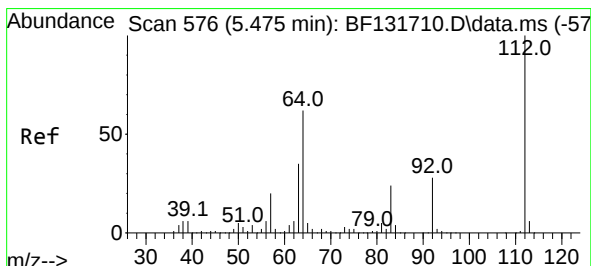
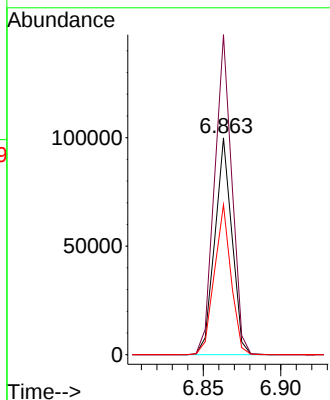
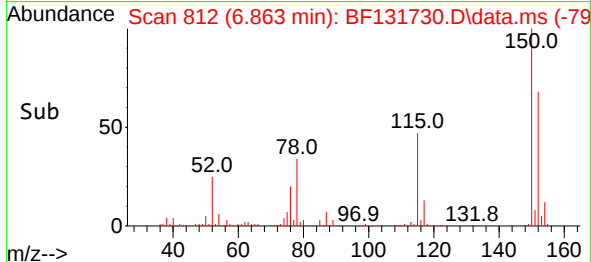
Instrument :
BNA_F
ClientSampleId :
RB-24-(1-3)



Tgt Ion:152 Resp: 7678
Ion Ratio Lower Upper
152 100
150 147.6 117.4 176.0
115 69.2 50.2 75.4

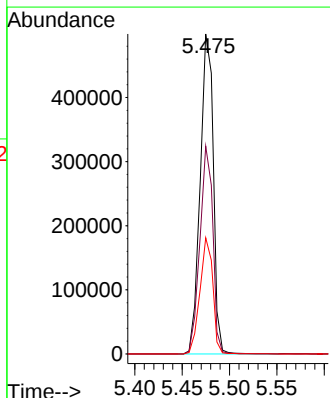
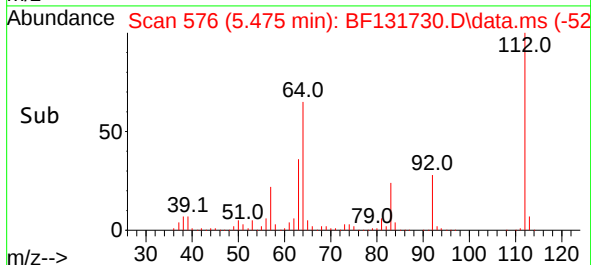
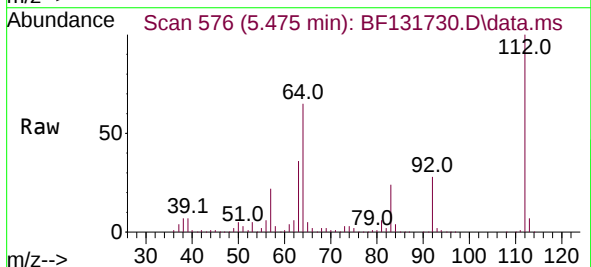
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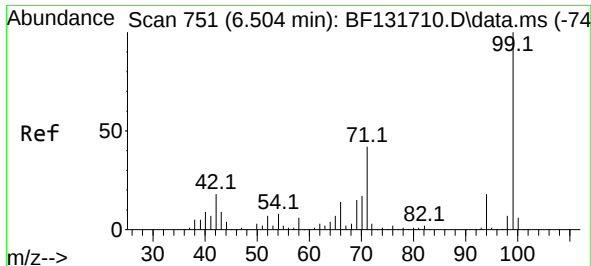
Reviewed By :Christian Giraldo 12/21/2022
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#5
2-Fluorophenol
Concen: 105.878 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

Tgt Ion:112 Resp: 482775
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 36.3 28.2 42.2





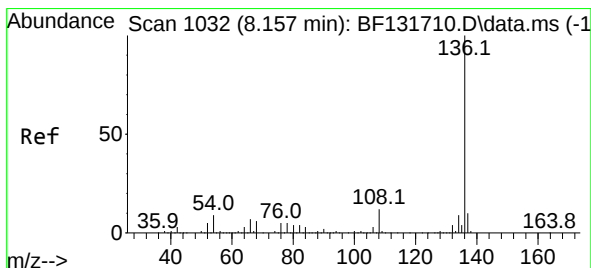
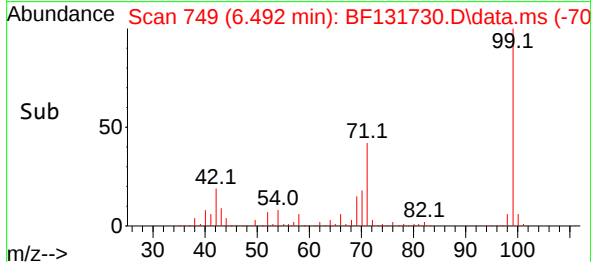
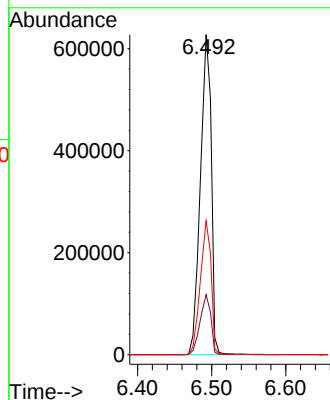
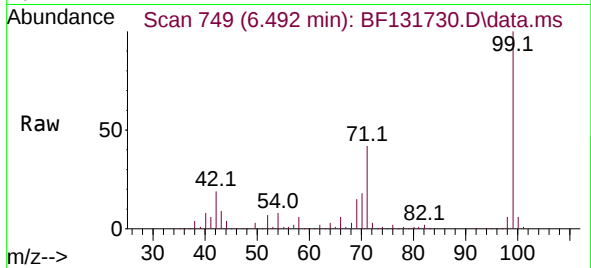
#7
Phenol-d6
Concen: 104.117 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

Instrument :
BNA_F
ClientSampleId :
RB-24-(1-3)

Tgt Ion: 99 Resp: 638990
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 41.9 33.8 50.6

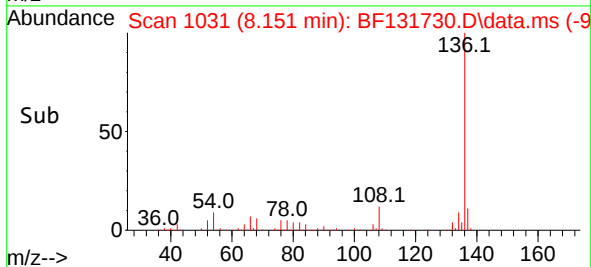
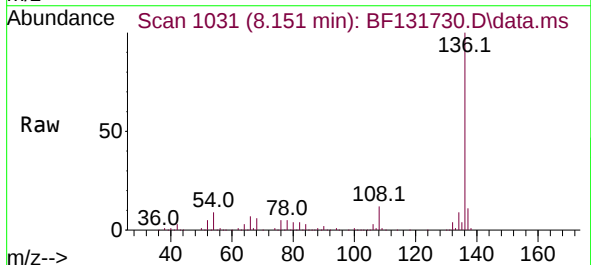
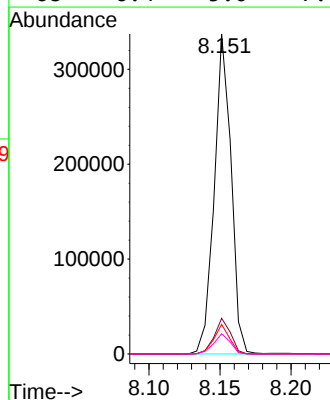
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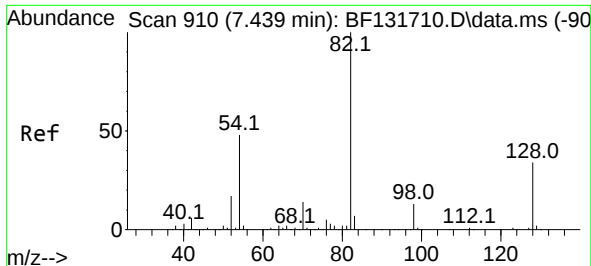
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

Tgt Ion:136 Resp: 277561
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.2 7.2 10.8
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 63.958 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131730.D

Acq: 21 Dec 2022 00:19

Instrument :

BNA_F

ClientSampleId :

RB-24-(1-3)

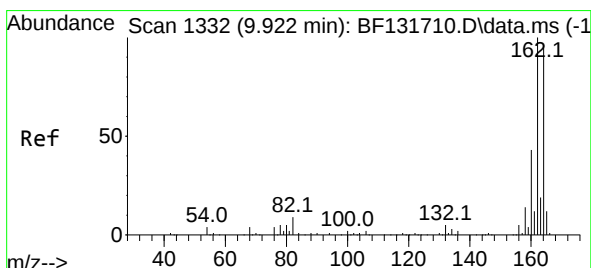
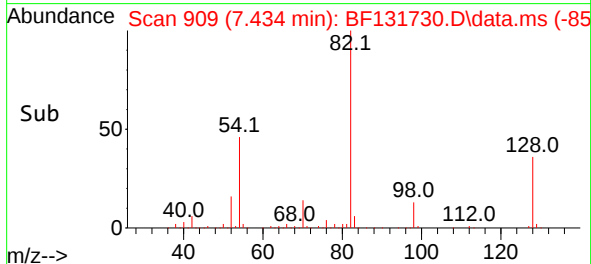
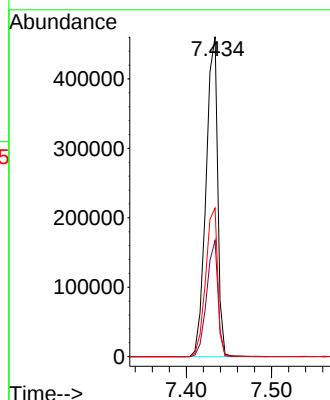
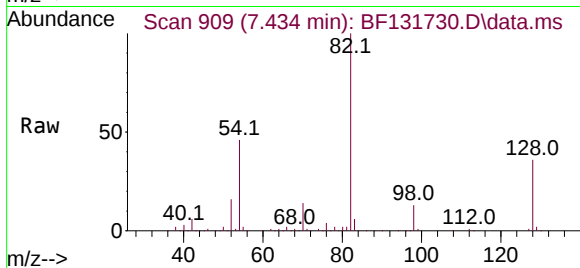
Tgt Ion: 82 Resp: 437285

Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.3	40.9
54	46.4	38.2	57.2

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

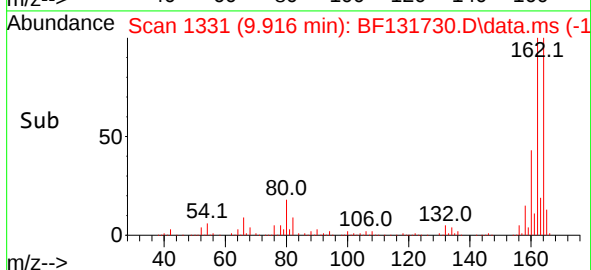
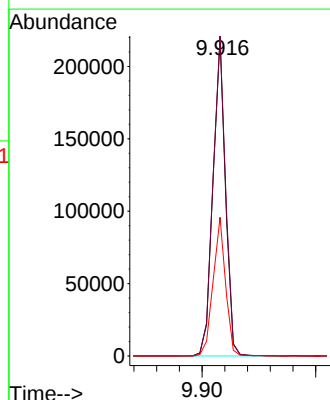
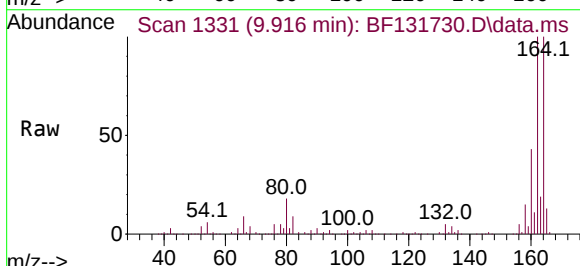
Delta R.T. -0.006 min

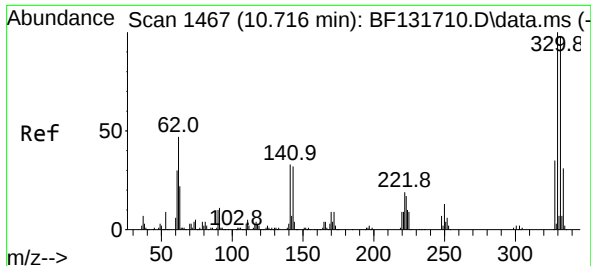
Lab File: BF131730.D

Acq: 21 Dec 2022 00:19

Tgt Ion:164 Resp: 166292

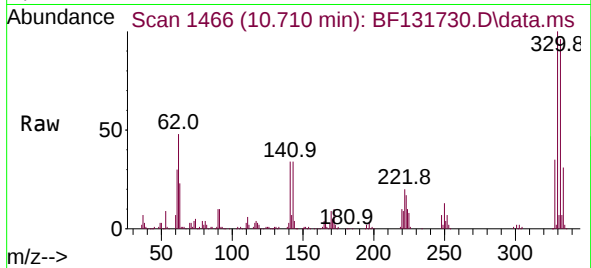
Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.7	125.5
160	43.6	36.2	54.4





#42
2,4,6-Tribromophenol
Concen: 98.198 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

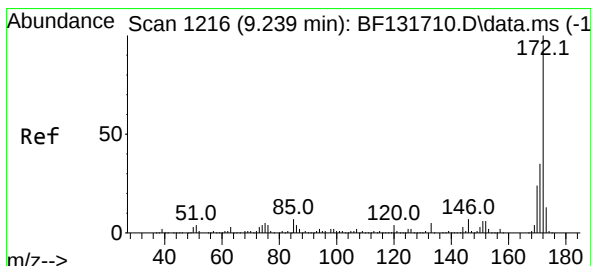
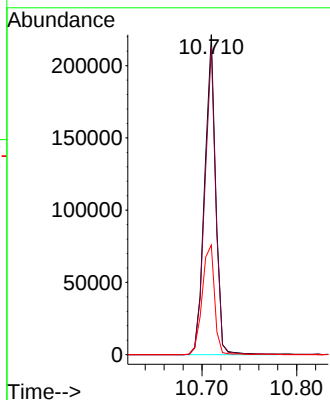
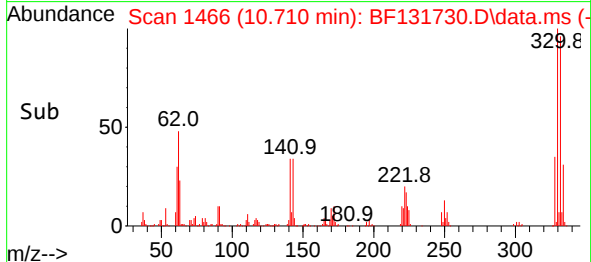
Instrument :
BNA_F
ClientSampleId :
RB-24-(1-3)



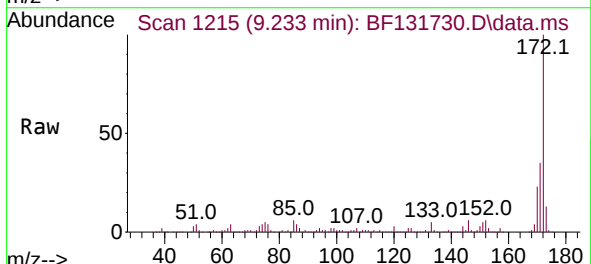
Tgt Ion: 330 Resp: 178734
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 38.4 30.4 45.6

Manual Integrations
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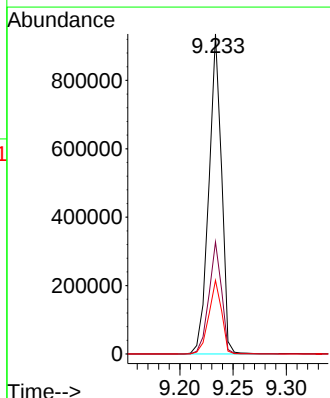
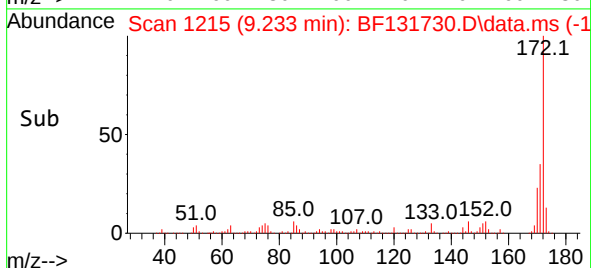
Reviewed By : Christian Giraldo 12/21/2022
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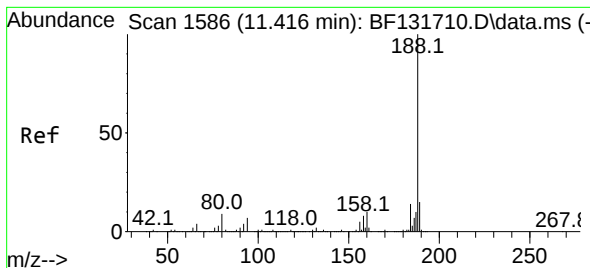


#45
2-Fluorobiphenyl
Concen: 65.431 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19



Tgt Ion: 172 Resp: 776738
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.0 19.0 28.4





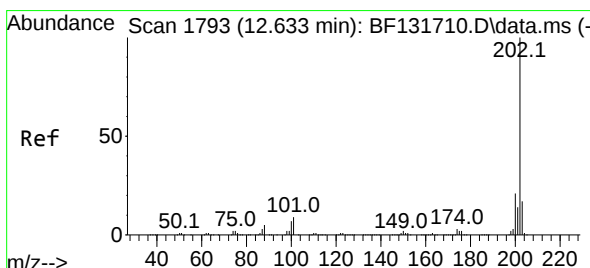
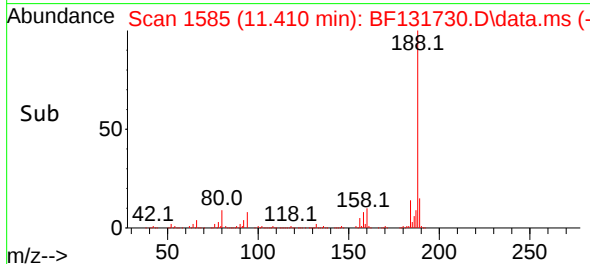
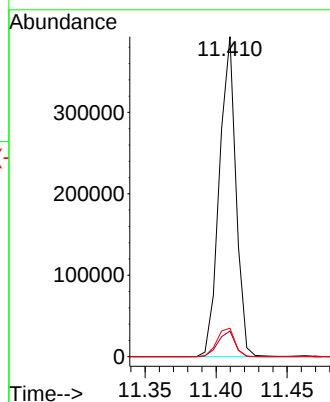
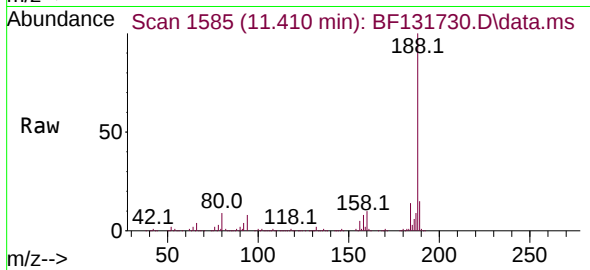
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

Instrument :
BNA_F
ClientSampleId :
RB-24-(1-3)

Tgt Ion:188 Resp: 31918
Ion Ratio Lower Upper
188 100
94 8.0 5.9 8.9
80 8.9 7.0 10.6

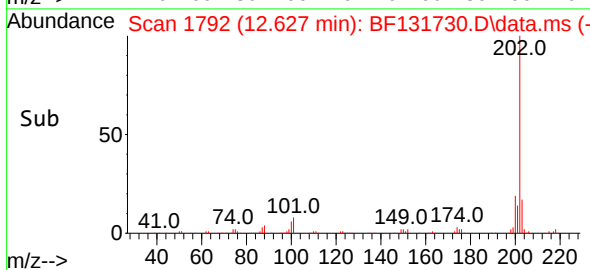
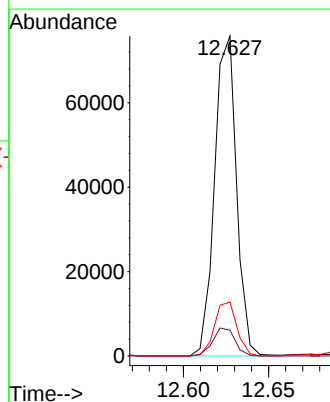
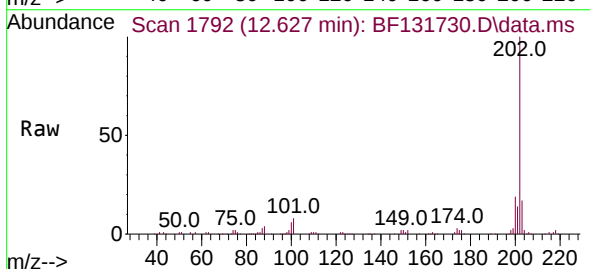
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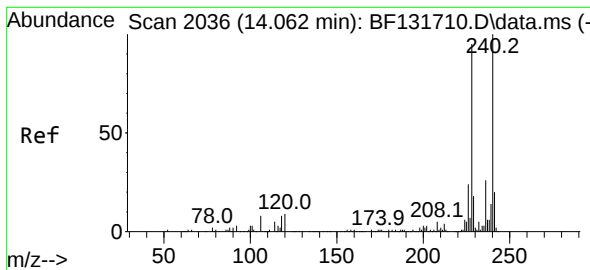
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#75
Fluoranthene
Concen: 3.506 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

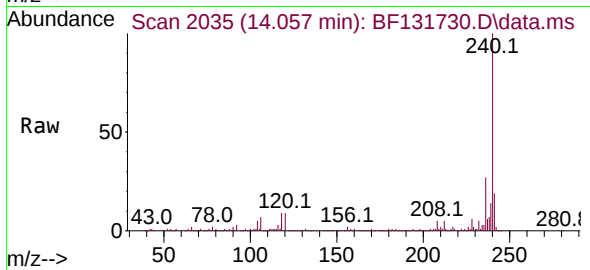
Tgt Ion:202 Resp: 67951
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.8
203 16.8 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

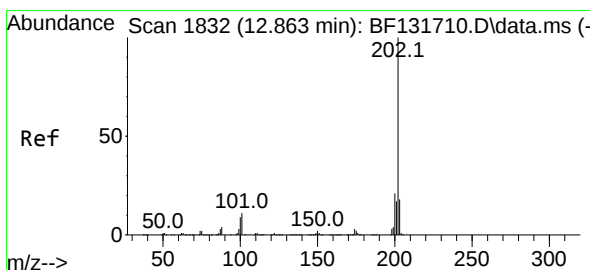
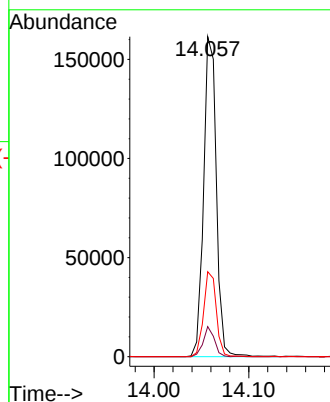
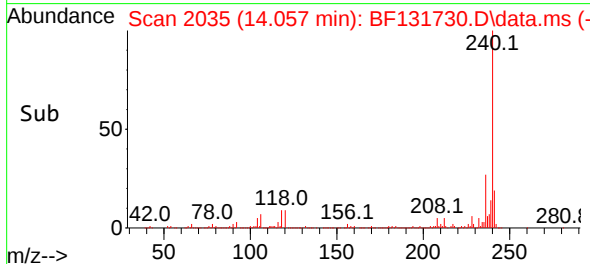
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RB-24-(1-3)



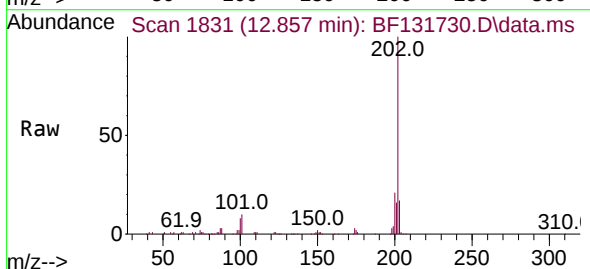
Tgt Ion:240 Resp: 151062
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 26.6 21.2 31.8

Manual Integrations
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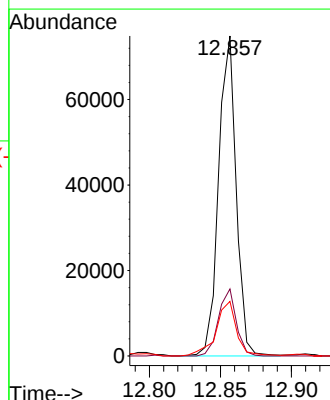
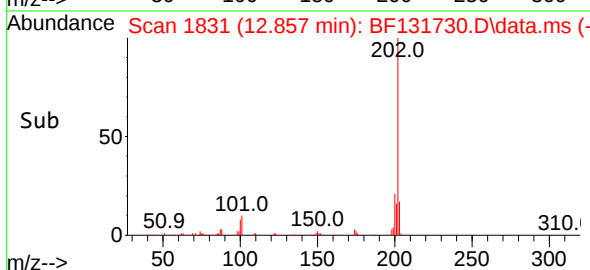
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Supervised By :Jagrut Upadhyay 12/21/2022

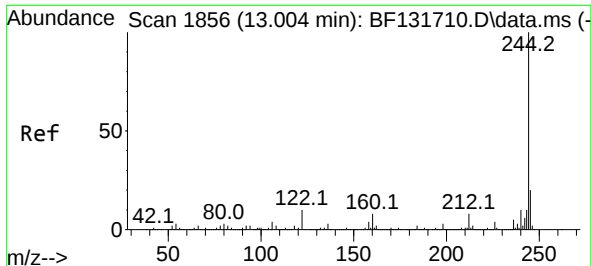


#78
Pyrene
Concen: 4.690 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19



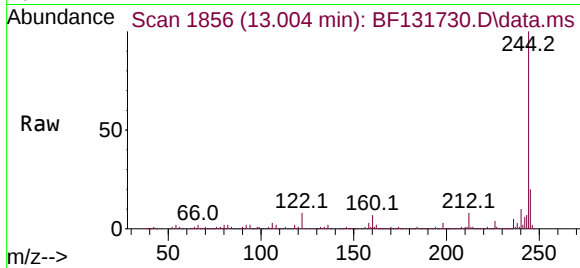
Tgt Ion:202 Resp: 64421
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.0 14.1 21.1





#79
 Terphenyl-d14
 Concen: 87.006 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131730.D
 Acq: 21 Dec 2022 00:19

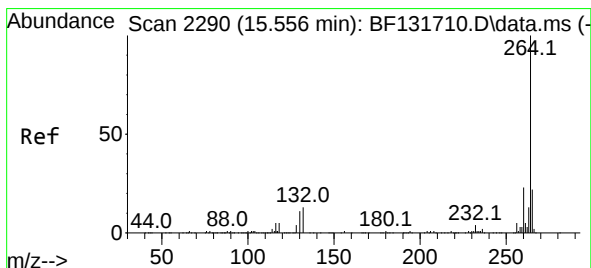
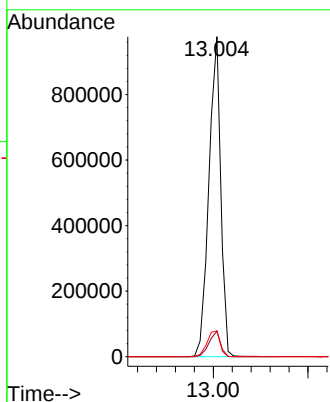
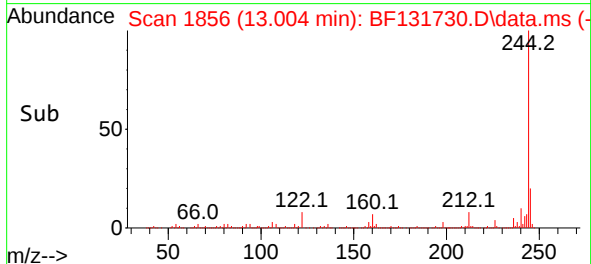
Instrument :
 BNA_F
 ClientSampleId :
 RB-24-(1-3)



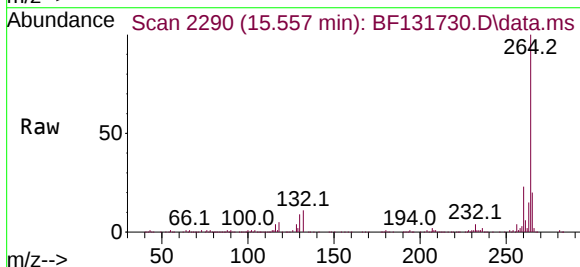
Tgt Ion:244 Resp: 843320
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.1 7.7 11.5

Manual Integrations
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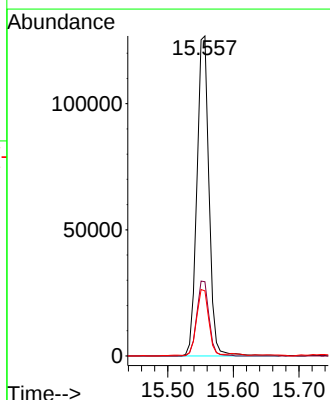
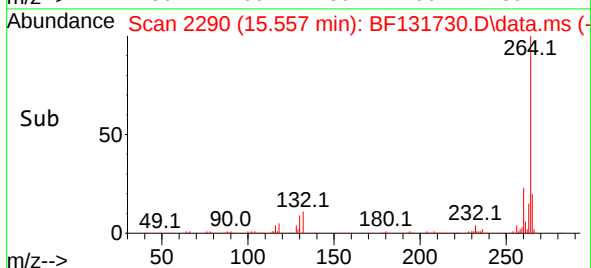
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

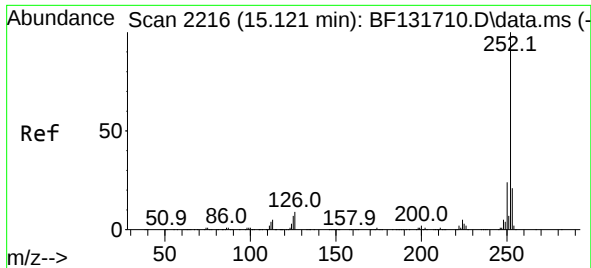


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131730.D
 Acq: 21 Dec 2022 00:19



Tgt Ion:264 Resp: 162888
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 20.4 17.4 26.2





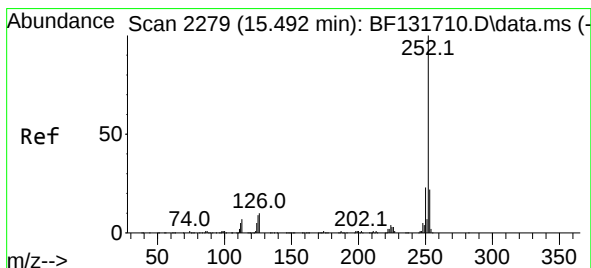
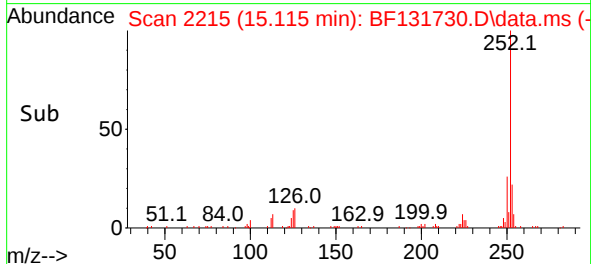
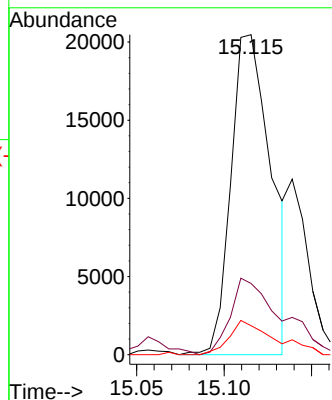
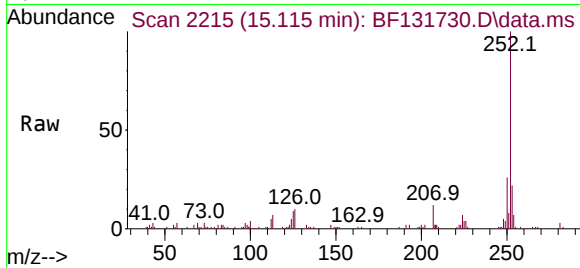
#88
Benzo(b)fluoranthene
Concen: 2.842 ng m
RT: 15.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

Instrument :
BNA_F
ClientSampleId :
RB-24-(1-3)

Tgt Ion:252 Resp: 3274
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.1 5.5 8.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#90
Benzo(a)pyrene
Concen: 2.615 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF131730.D
Acq: 21 Dec 2022 00:19

Tgt Ion:252 Resp: 23870
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 9.6 7.0 10.4

