

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133448.D
 Acq On : 18 May 2023 20:14
 Operator : CG\JU
 Sample : 02826-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-051723

Quant Time: May 19 03:21:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	211595	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	786040	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	339856	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	550174	20.000	ng	0.00
76) Chrysene-d12	13.874	240	432812	20.000	ng	0.00
86) Perylene-d12	15.298	264	382641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	549186	39.207	ng	0.00
7) Phenol-d6	6.357	99	641587	36.903	ng	-0.01
23) Nitrobenzene-d5	7.275	82	367579	25.241	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	118879	34.781	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	691014	34.016	ng	0.00
79) Terphenyl-d14	12.815	244	636349	25.357	ng	-0.01
Target Compounds						
75) Fluoranthene	12.445	202	83954	2.829	ng	97
78) Pyrene	12.674	202	86331	2.327	ng	98
88) Benzo(b)fluoranthene	14.892	252	62154m	2.553	ng	

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

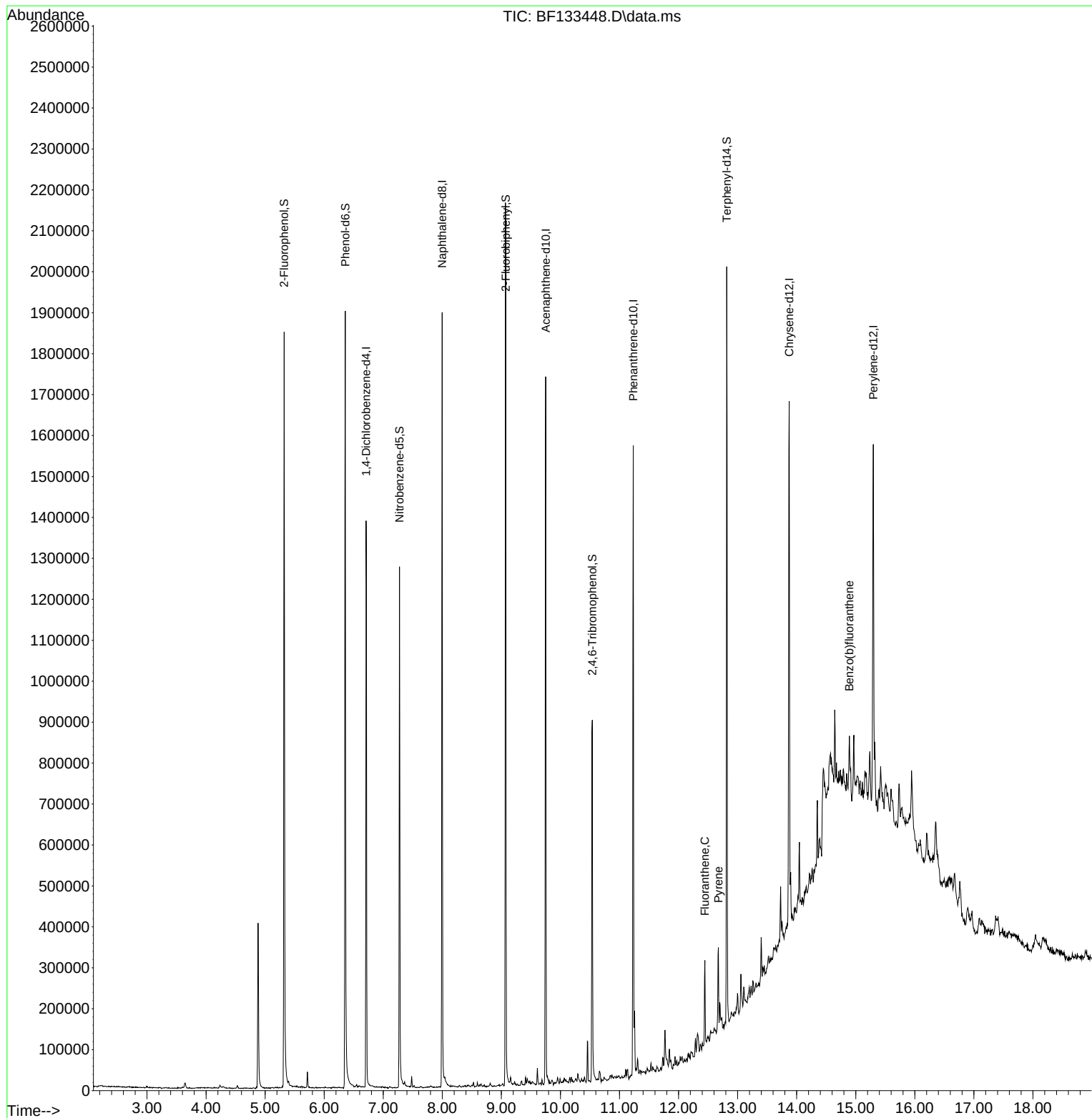
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133448.D
Acq On : 18 May 2023 20:14
Operator : CG\JU
Sample : 02826-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

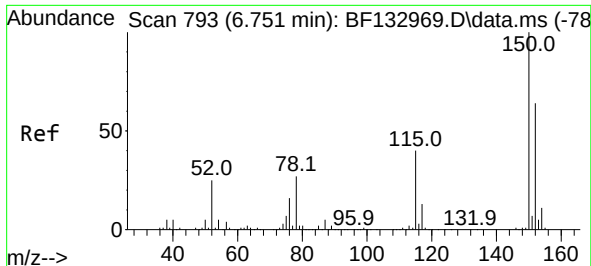
Instrument :
BNA_F
ClientSampleId :
SU-3-051723

Quant Time: May 19 03:21:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 18:12:00 2023
Response via : Initial Calibration

Manual Integrations
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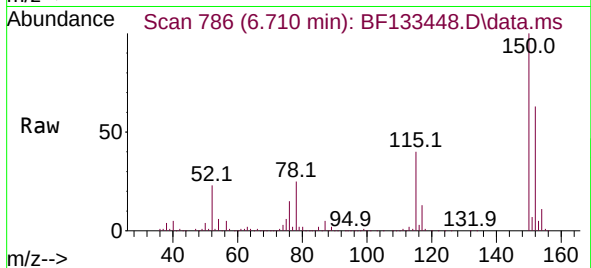
Reviewed By : Christian Giraldo 05/19/2023
Supervised By : Jagrut Upadhyay 05/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

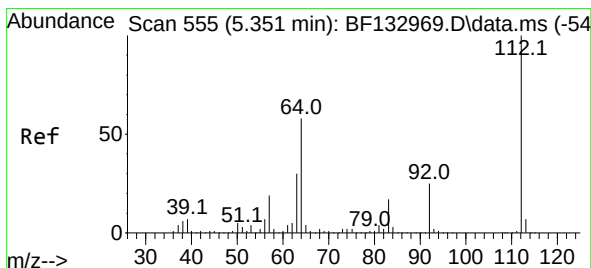
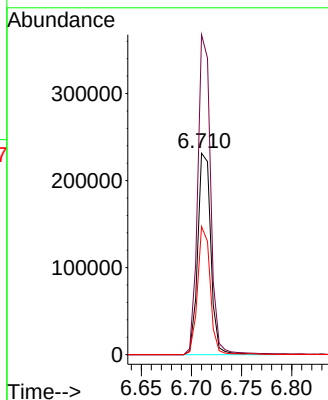
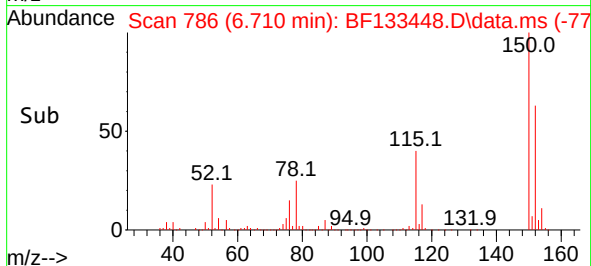
Instrument :
BNA_F
ClientSampleId :
SU-3-051723



Tgt Ion:152 Resp: 21159
Ion Ratio Lower Upper
152 100
150 158.8 124.8 187.2
115 63.7 49.9 74.9

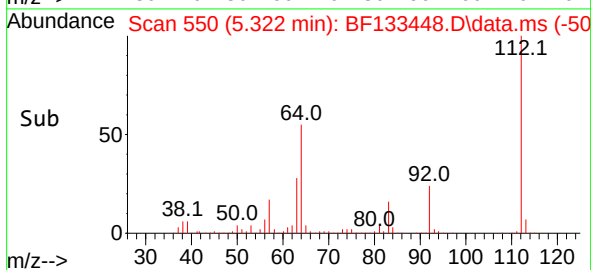
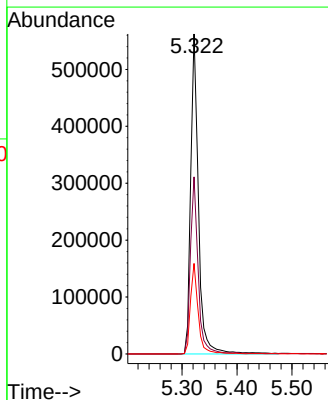
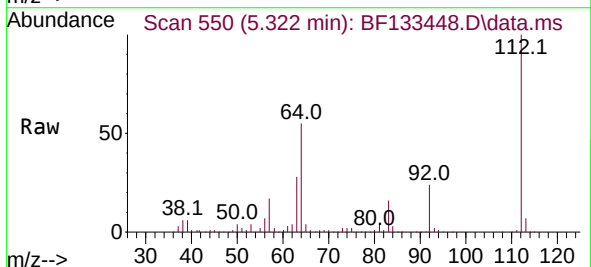
Manual Integrations
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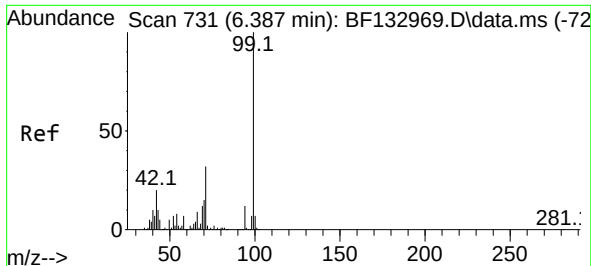
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#5
2-Fluorophenol
Concen: 39.207 ng
RT: 5.322 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

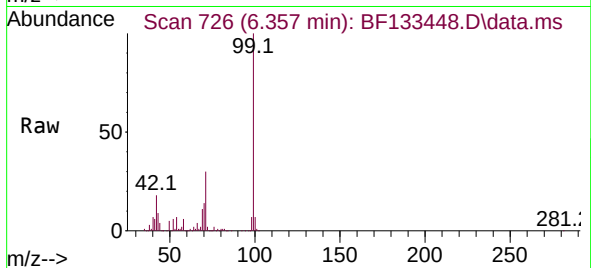
Tgt Ion:112 Resp: 549186
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.3 23.8 35.8





#7
Phenol-d6
Concen: 36.903 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

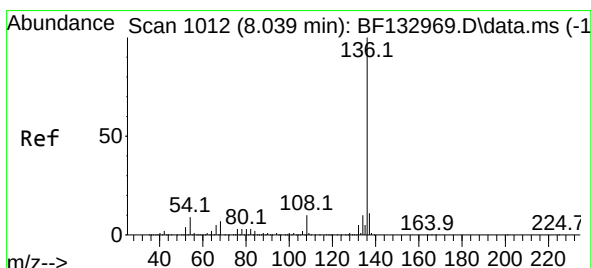
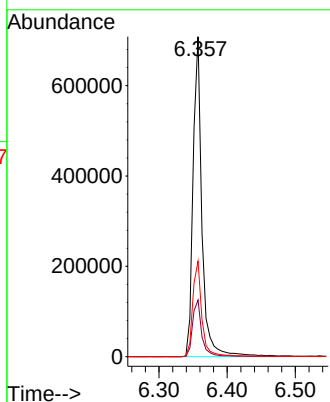
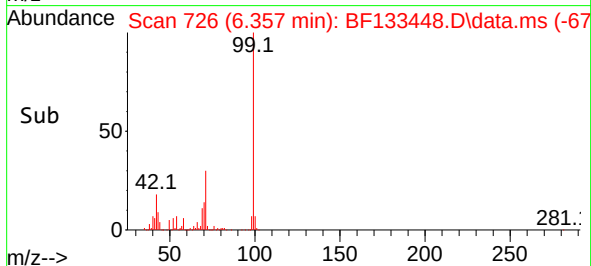
Instrument :
BNA_F
ClientSampleId :
SU-3-051723



Tgt Ion: 99 Resp: 64158
Ion Ratio Lower Upper
99 100
42 17.7 16.3 24.5
71 29.9 25.6 38.4

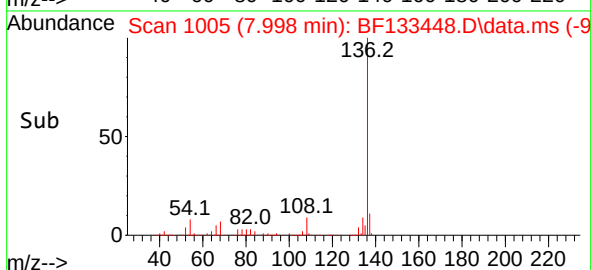
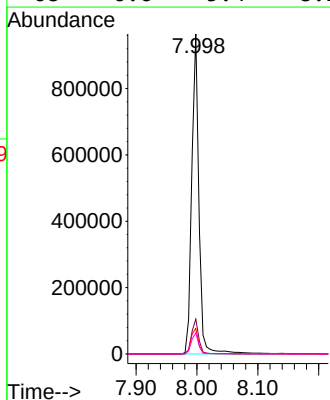
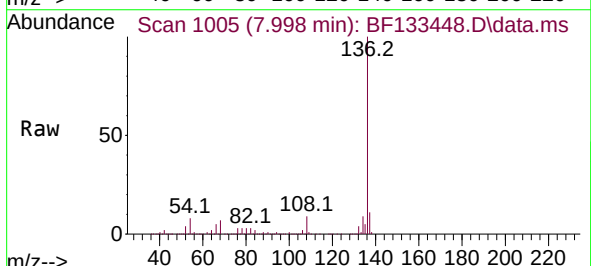
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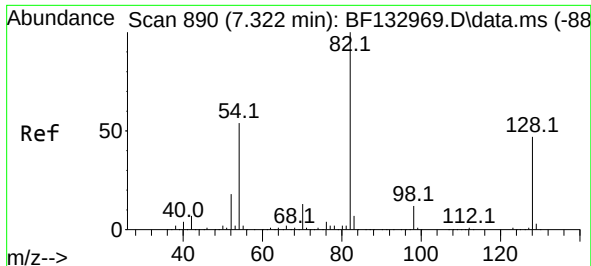
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion:136 Resp: 786040
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 7.0 10.4
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 25.241 ng

RT: 7.275 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

SU-3-051723

Tgt Ion: 82 Resp: 367579

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

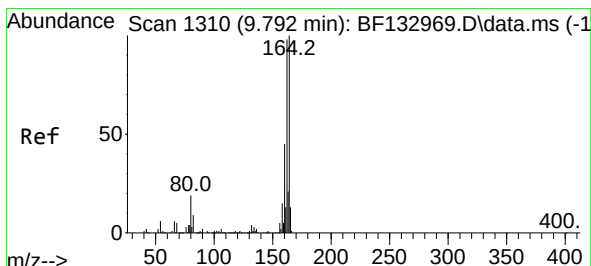
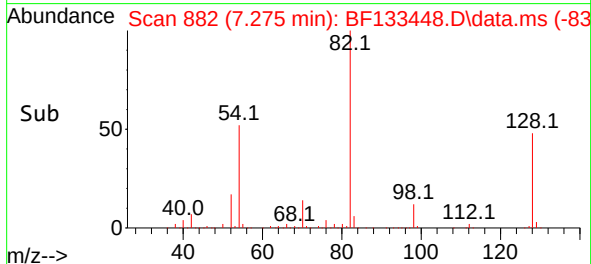
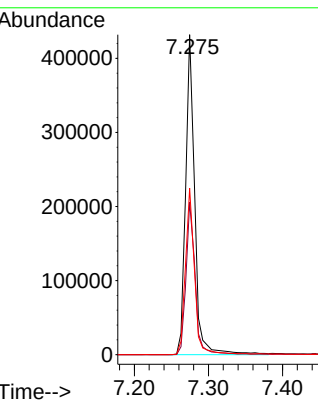
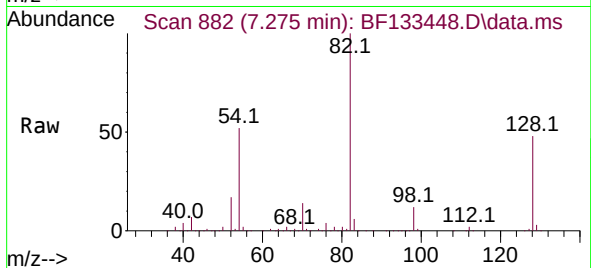
54 52.1 43.0 64.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/19/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

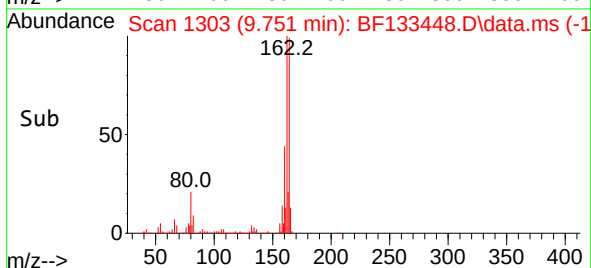
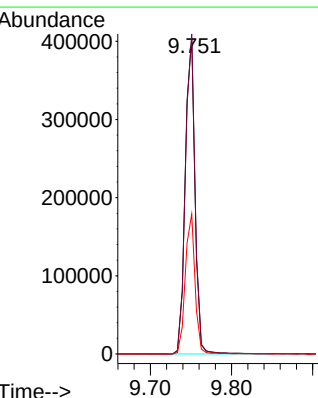
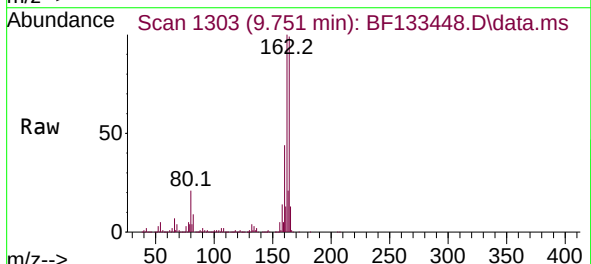
Tgt Ion:164 Resp: 339856

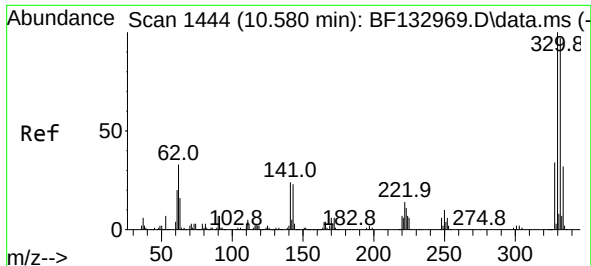
Ion Ratio Lower Upper

164 100

162 101.2 78.7 118.1

160 44.2 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 34.781 ng
RT: 10.539 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

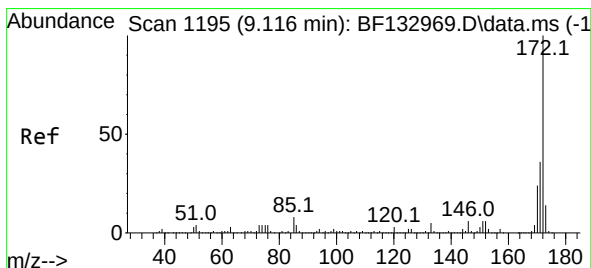
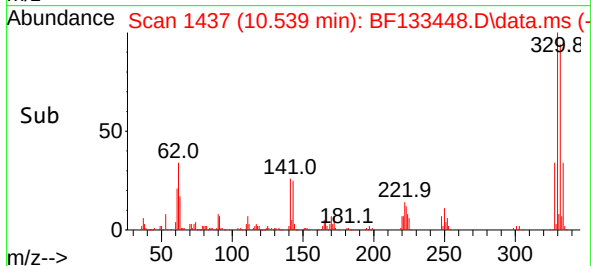
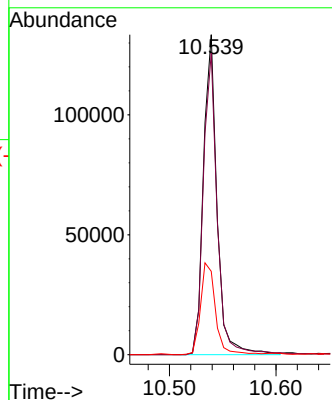
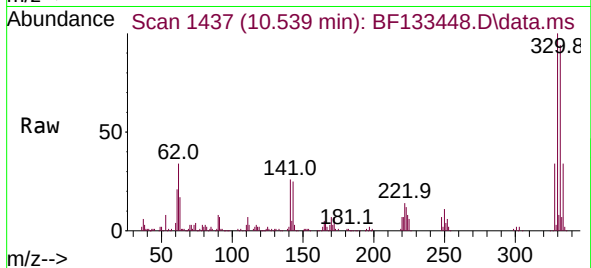
SU-3-051723

Tgt Ion:330 Resp: 118879
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.5 25.8 38.8

Manual Integrations

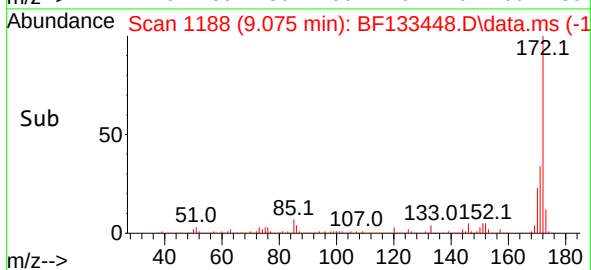
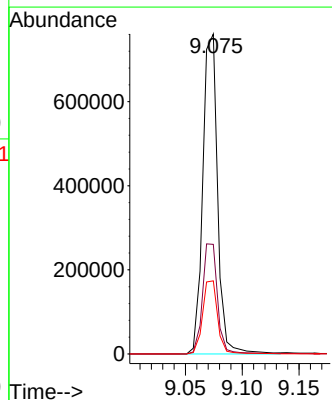
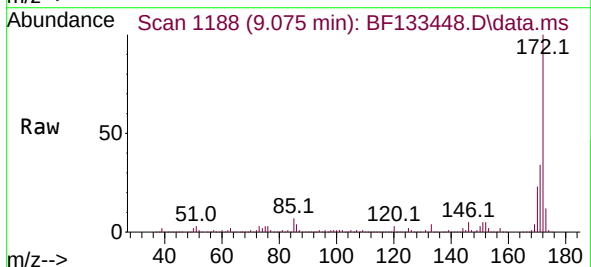
APPROVED

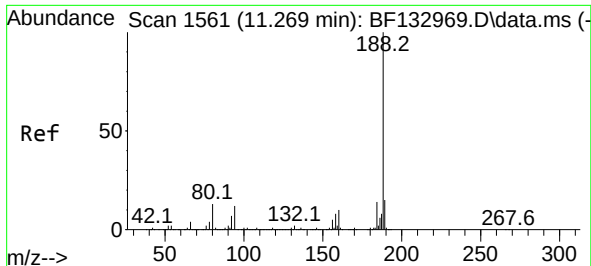
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#45
2-Fluorobiphenyl
Concen: 34.016 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

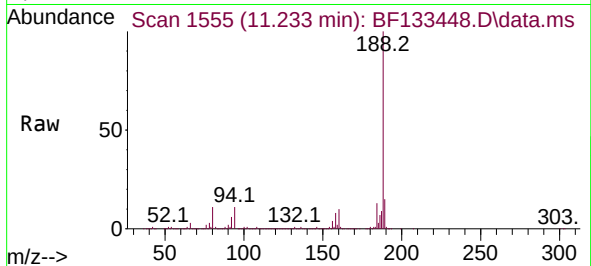
Tgt Ion:172 Resp: 691014
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 22.9 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

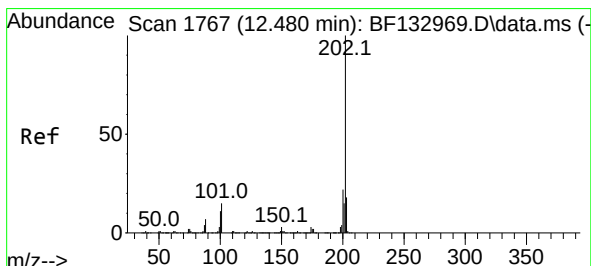
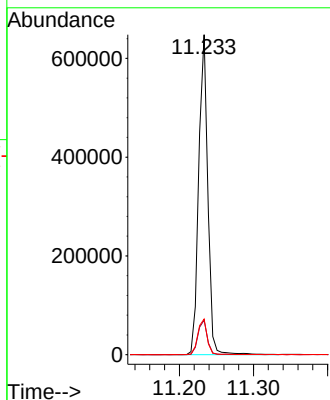
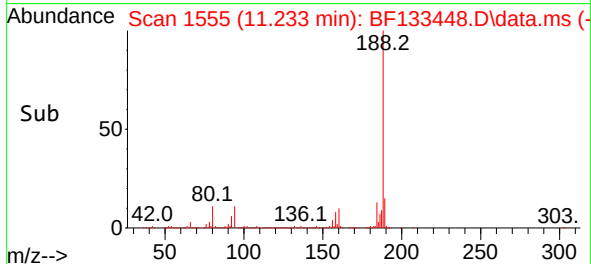
Instrument :
BNA_F
ClientSampleId :
SU-3-051723



Tgt Ion:188 Resp: 550174
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.2 10.4 15.6

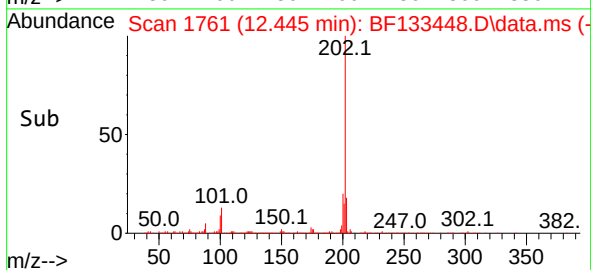
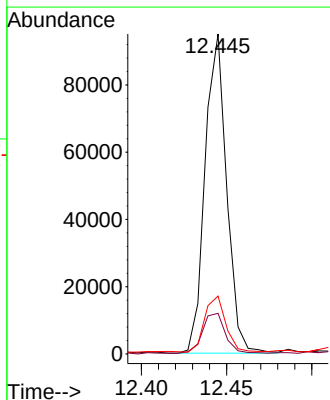
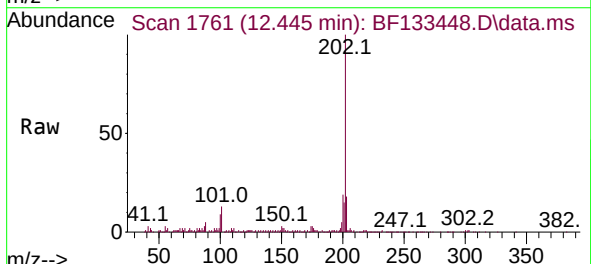
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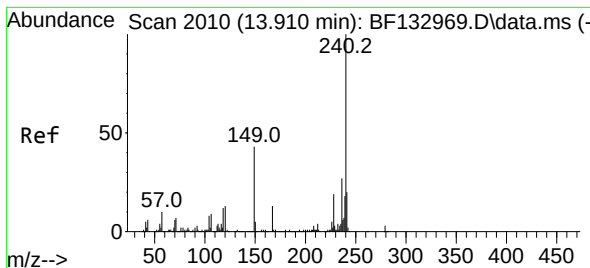
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#75
Fluoranthene
Concen: 2.829 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion:202 Resp: 83954
Ion Ratio Lower Upper
202 100
101 12.7 0.0 35.3
203 18.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

SU-3-051723

Tgt Ion:240 Resp: 43281

Ion Ratio Lower Upper

240 100

120 11.8 10.5 15.7

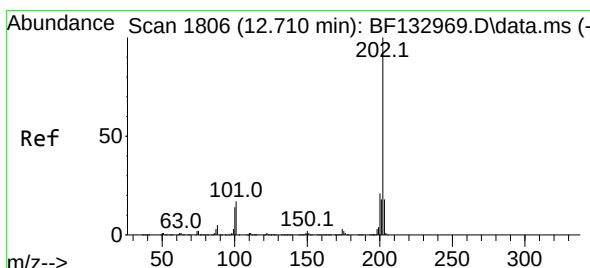
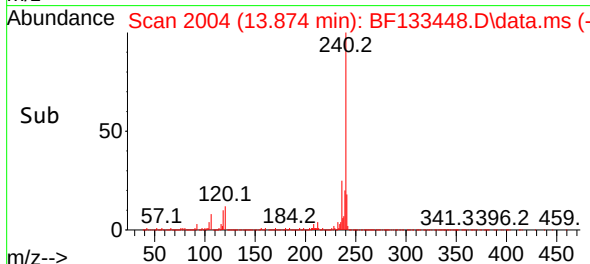
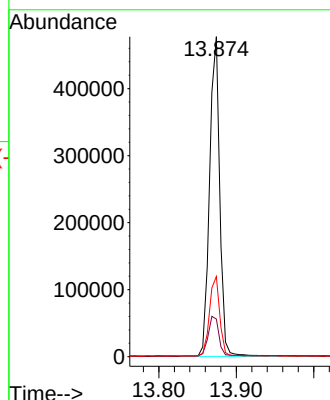
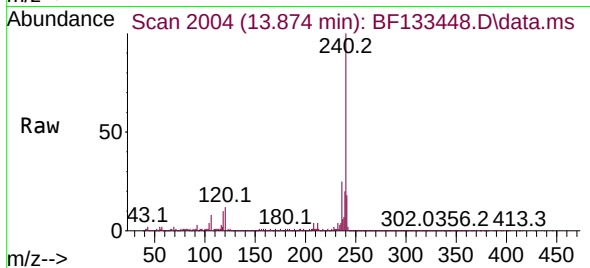
236 25.1 21.5 32.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#78

Pyrene

Concen: 2.327 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

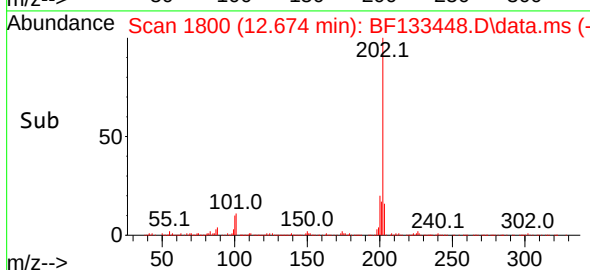
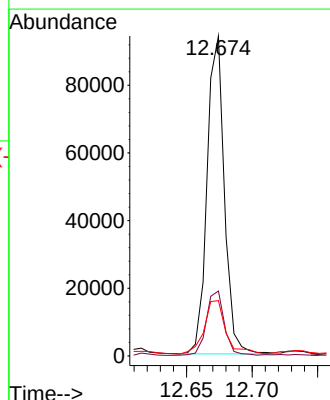
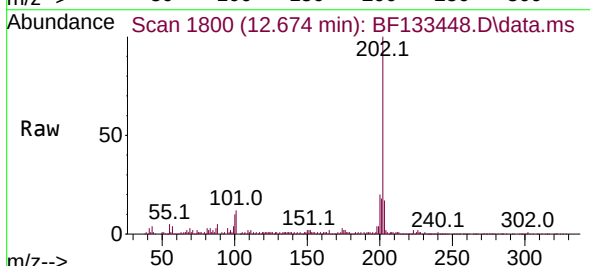
Tgt Ion:202 Resp: 86331

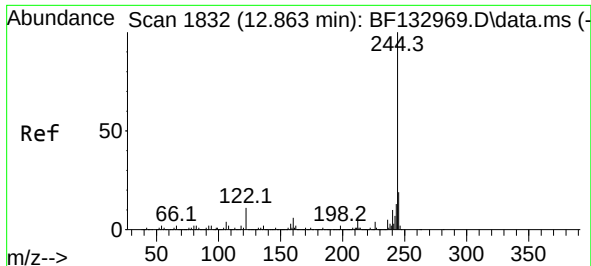
Ion Ratio Lower Upper

202 100

200 20.3 17.1 25.7

203 17.3 14.1 21.1





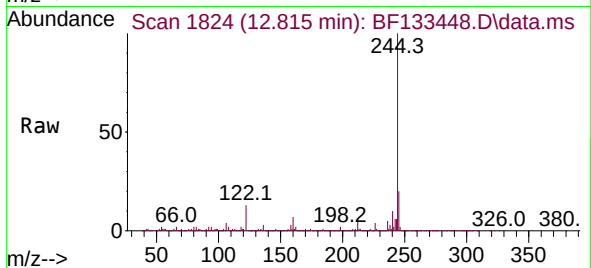
#79
 Terphenyl-d14
 Concen: 25.357 ng
 RT: 12.815 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF133448.D
 Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

SU-3-051723

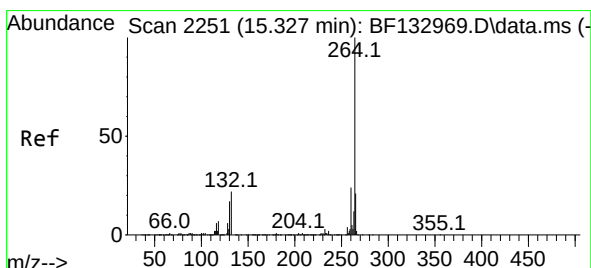
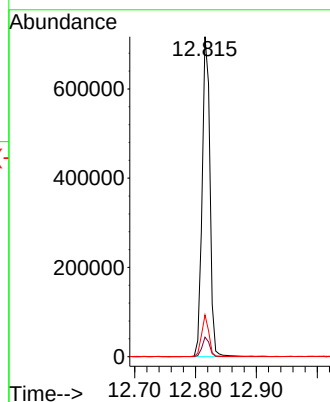
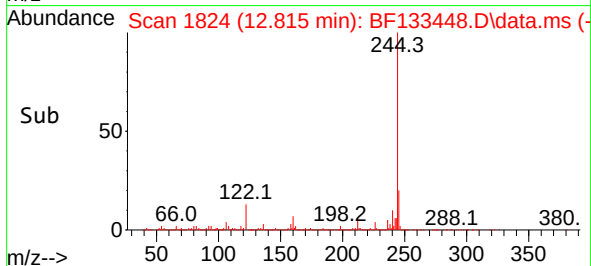


Tgt Ion:244 Resp: 636349
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 13.1 8.6 13.0

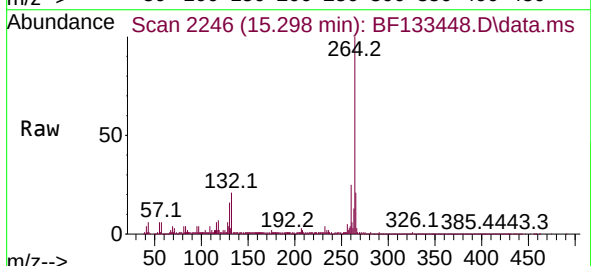
Manual Integrations

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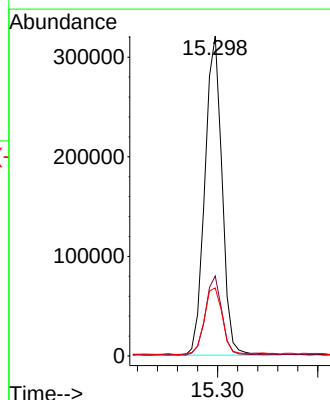
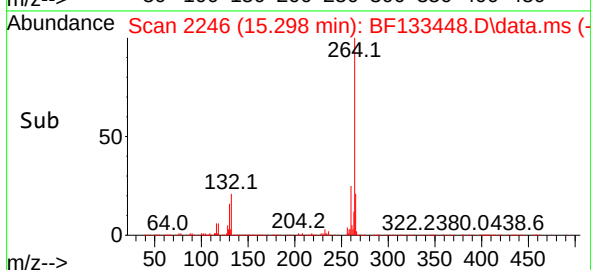
Reviewed By :Christian Giraldo 05/19/2023
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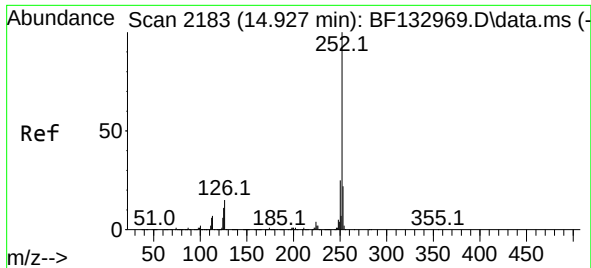


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF133448.D
 Acq: 18 May 2023 20:14



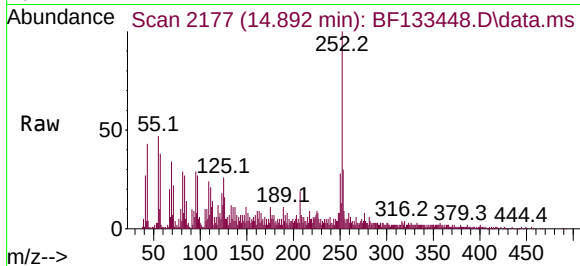
Tgt Ion:264 Resp: 382641
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.8 28.2
 265 21.3 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.553 ng m
RT: 14.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Instrument :
BNA_F
ClientSampleId :
SU-3-051723



Tgt Ion:252 Resp: 62154
Ion Ratio Lower Upper
252 100
253 30.2 17.6 26.4
125 25.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

