

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133041.D
 Acq On : 25 Apr 2023 22:29
 Operator : CG\JU
 Sample : 02483-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 26 02:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	187081	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	722855	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	393496	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	718051	20.000	ng	0.00
76) Chrysene-d12	13.886	240	457262	20.000	ng	-0.01
86) Perylene-d12	15.309	264	373365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1039841	83.963	ng	0.00
7) Phenol-d6	6.375	99	1270746	82.668	ng	-0.01
23) Nitrobenzene-d5	7.304	82	758635	56.649	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	323229	81.678	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1354120	57.572	ng	-0.01
79) Terphenyl-d14	12.845	244	1533406	57.836	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.463	202	131591	3.397	ng	97
78) Pyrene	12.692	202	121461	3.099	ng	96
88) Benzo(b)fluoranthene	14.904	252	53323m	2.245	ng	

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

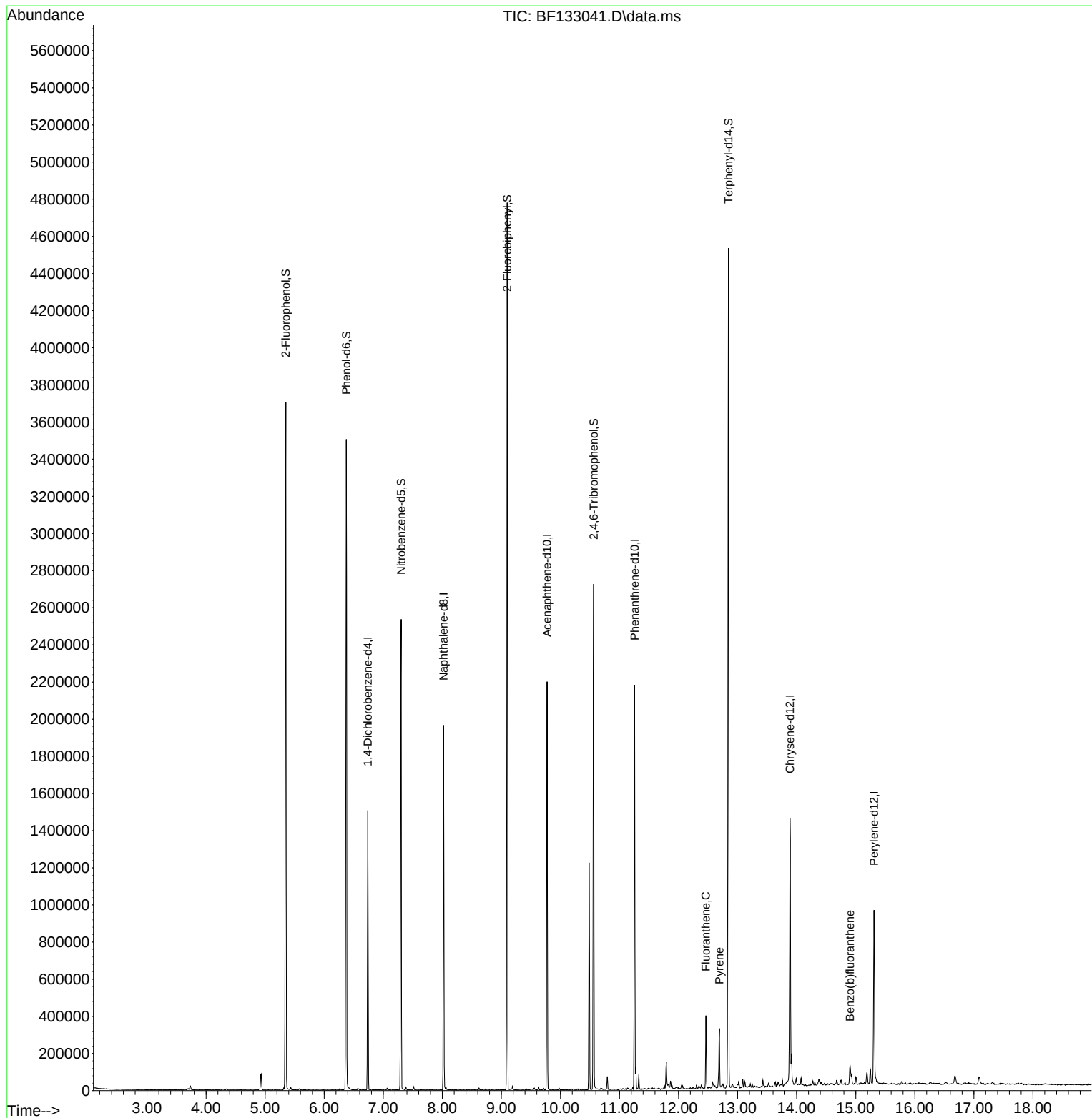
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133041.D
Acq On : 25 Apr 2023 22:29
Operator : CG\JU
Sample : 02483-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

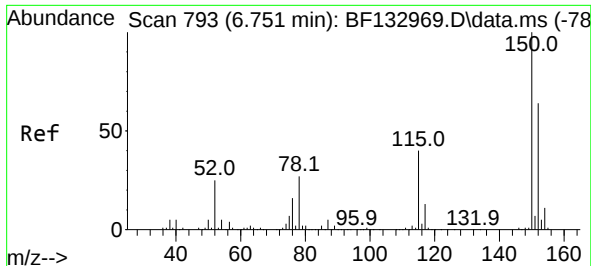
Instrument :
BNA_F
ClientSampleId :
S2S-TP2

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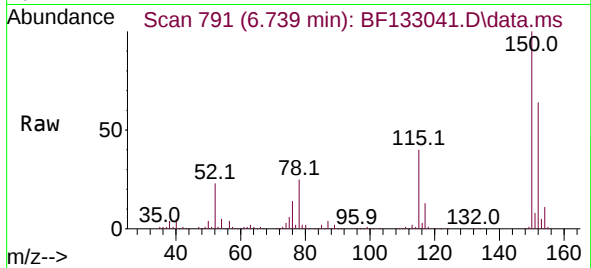
Quant Time: Apr 26 02:18:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

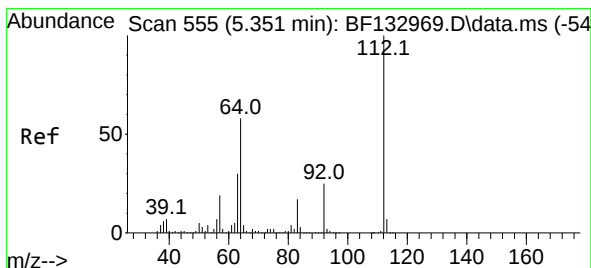
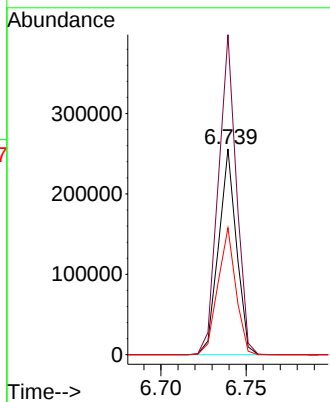
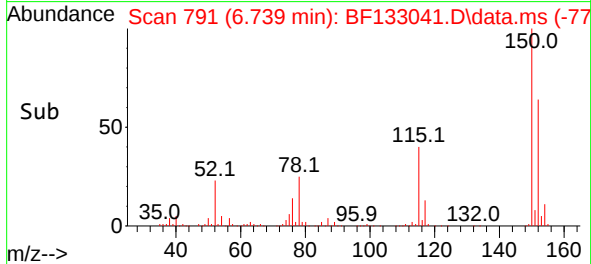
Instrument :
BNA_F
ClientSampleId :
S2S-TP2



Tgt Ion:152 Resp: 187081
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 61.7 49.9 74.9

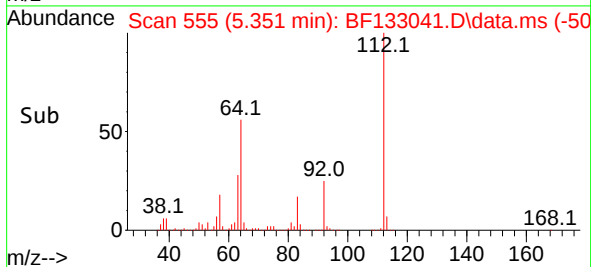
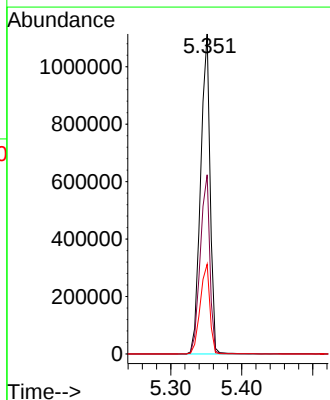
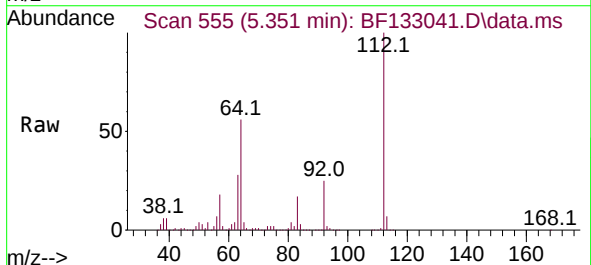
Manual Integrations
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Supervised By :Jagrut Upadhyay 04/26/2023



#5
2-Fluorophenol
Concen: 83.963 ng
RT: 5.351 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

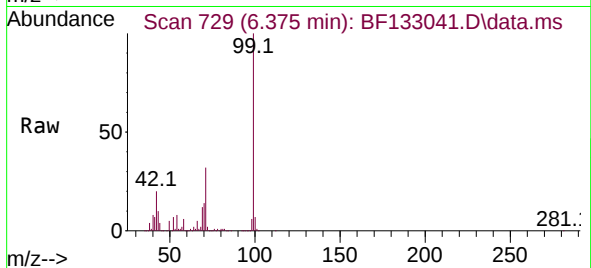
Tgt Ion:112 Resp: 1039841
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 28.1 23.8 35.8





#7
Phenol-d6
Concen: 82.668 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

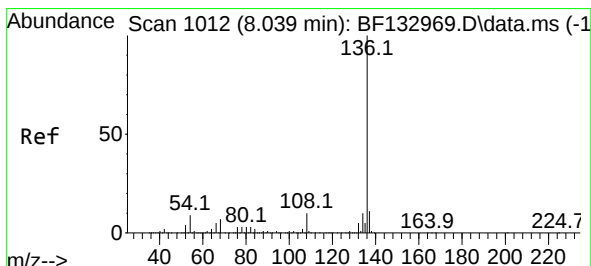
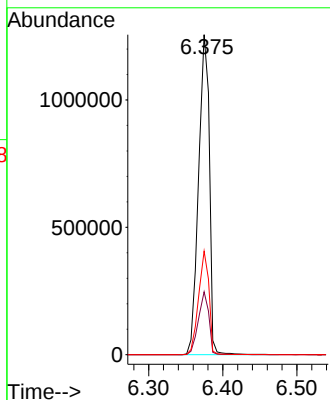
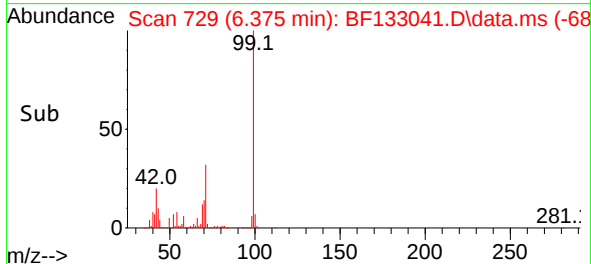
Instrument :
BNA_F
ClientSampleId :
S2S-TP2



Tgt Ion: 99 Resp: 1270740
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 32.3 25.6 38.4

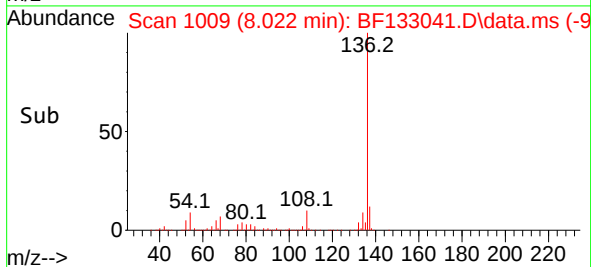
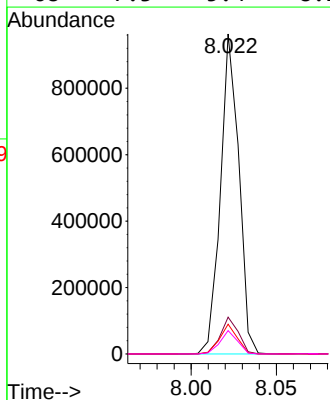
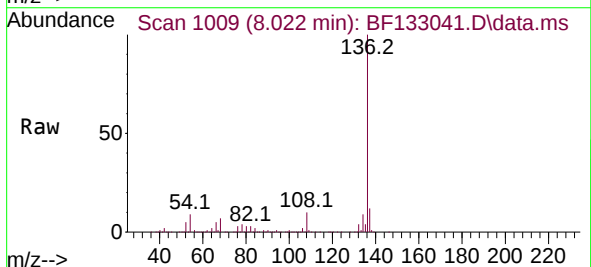
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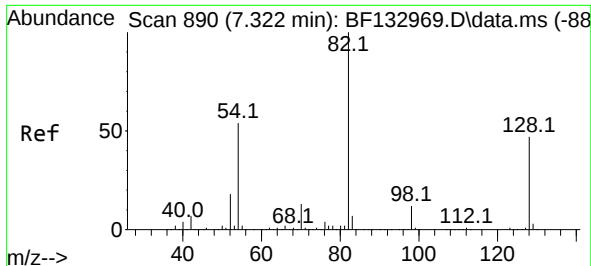
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

Tgt Ion:136 Resp: 722855
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.3 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 56.649 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133041.D

Acq: 25 Apr 2023 22:29

Instrument :

BNA_F

ClientSampleId :

S2S-TP2

Tgt Ion: 82 Resp: 75863

Ion Ratio Lower Upper

82 100

128 49.2 37.7 56.5

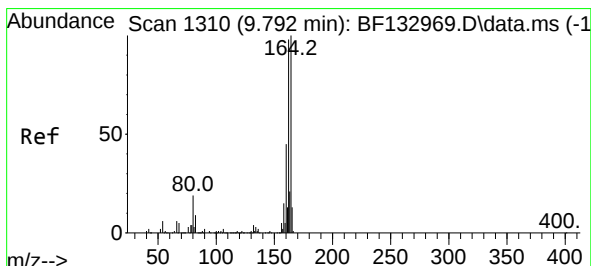
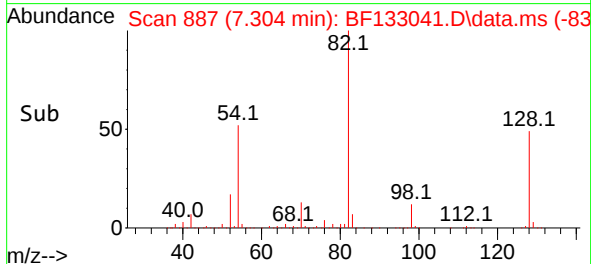
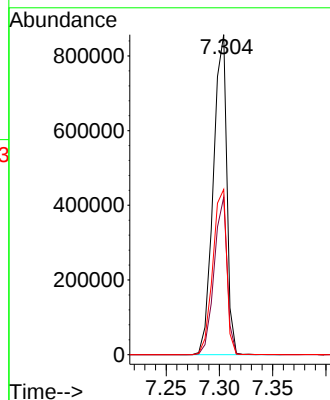
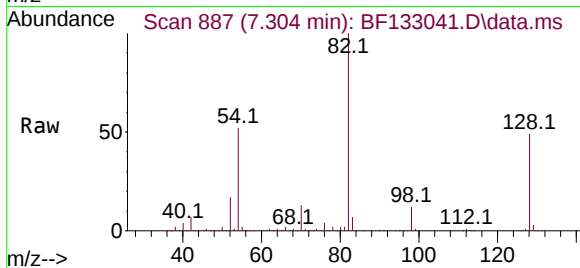
54 51.6 43.0 64.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF133041.D

Acq: 25 Apr 2023 22:29

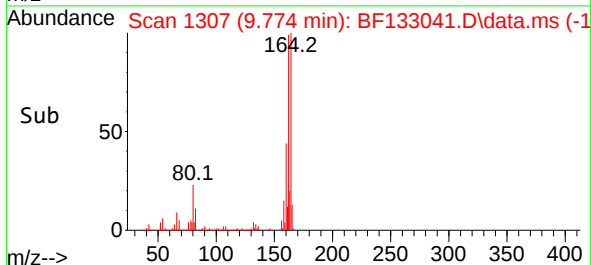
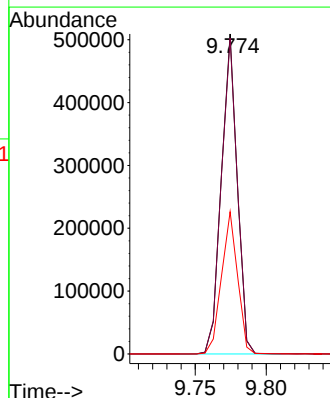
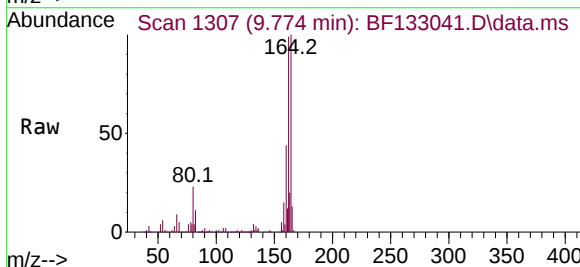
Tgt Ion:164 Resp: 393496

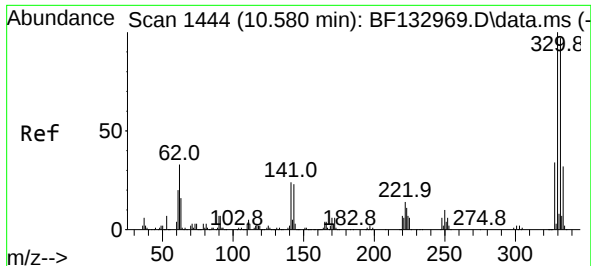
Ion Ratio Lower Upper

164 100

162 98.8 78.7 118.1

160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 81.678 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133041.D

Acq: 25 Apr 2023 22:29

Instrument :

BNA_F

ClientSampleId :

S2S-TP2

Tgt Ion:330 Resp: 323229

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

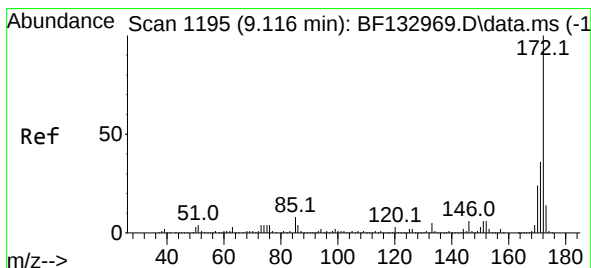
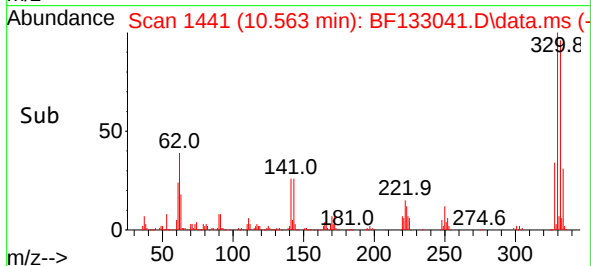
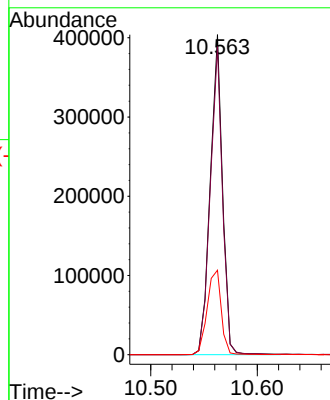
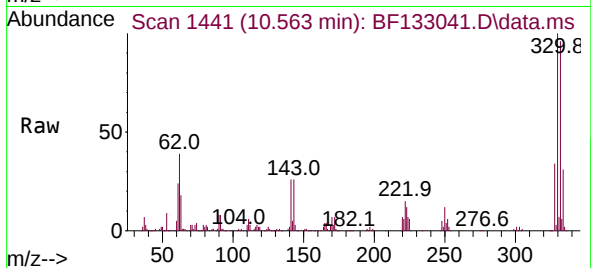
141 30.4 25.8 38.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#45

2-Fluorobiphenyl

Concen: 57.572 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133041.D

Acq: 25 Apr 2023 22:29

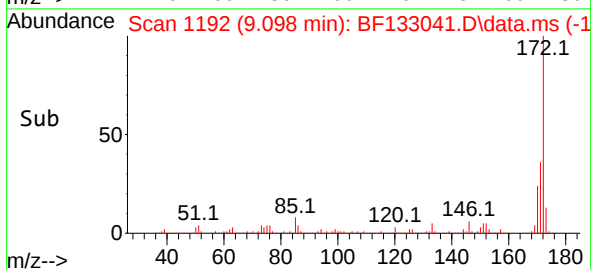
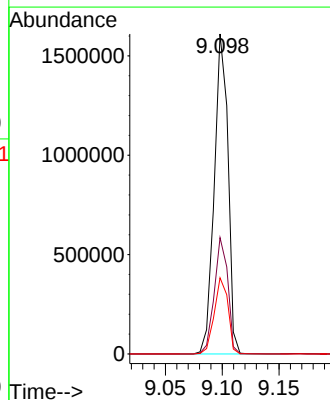
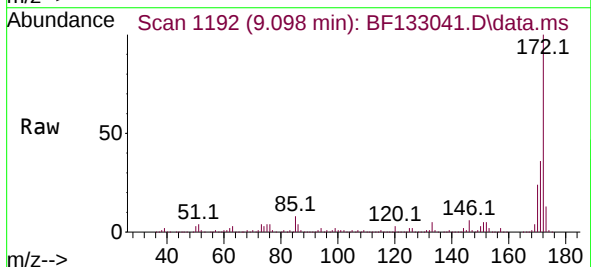
Tgt Ion:172 Resp: 1354120

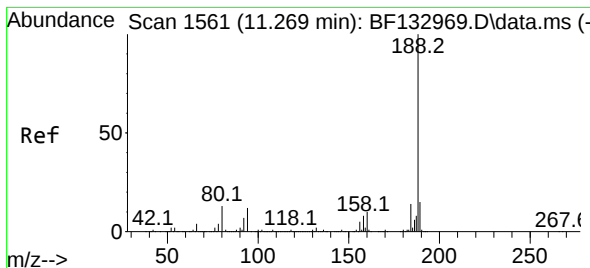
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.8 19.4 29.2





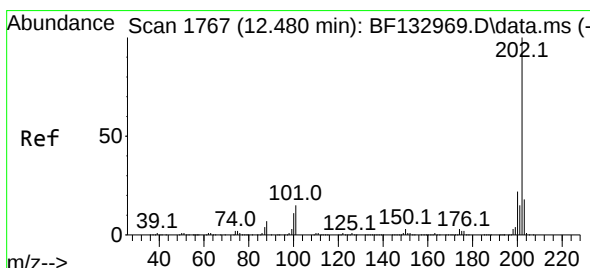
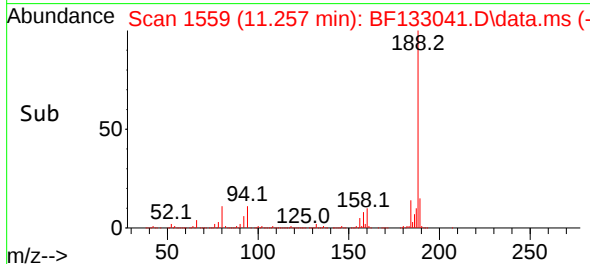
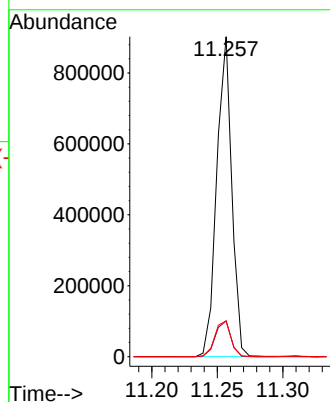
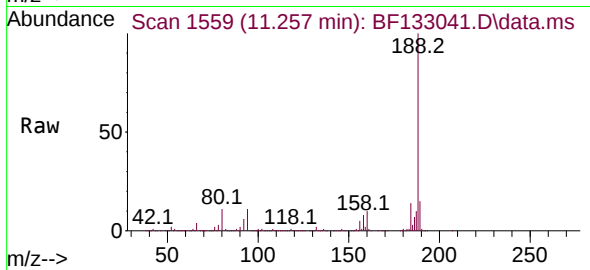
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

Instrument :
BNA_F
ClientSampleId :
S2S-TP2

Tgt Ion:188 Resp: 71805
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.2 10.4 15.6

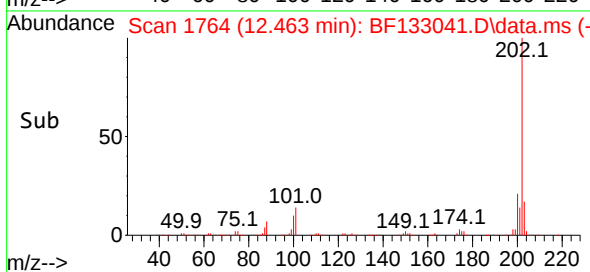
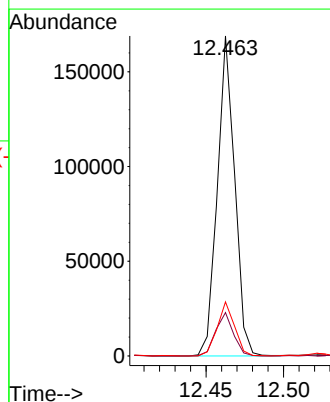
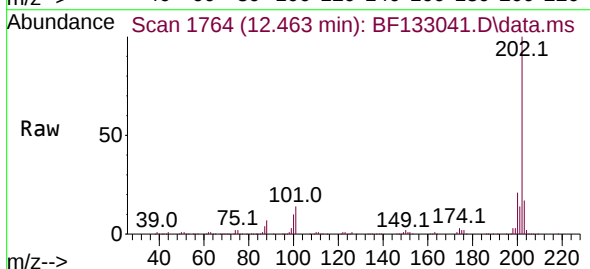
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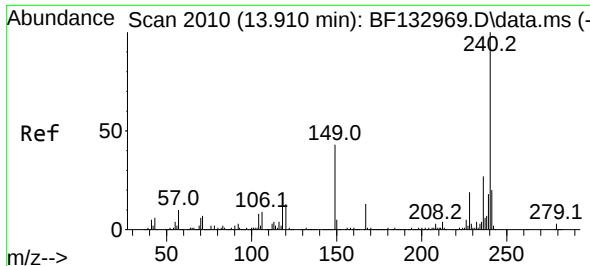
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#75
Fluoranthene
Concen: 3.397 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

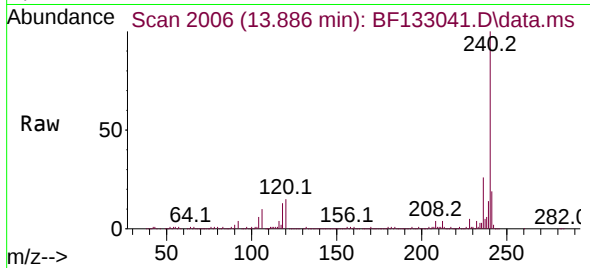
Tgt Ion:202 Resp: 131591
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.3
203 16.9 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

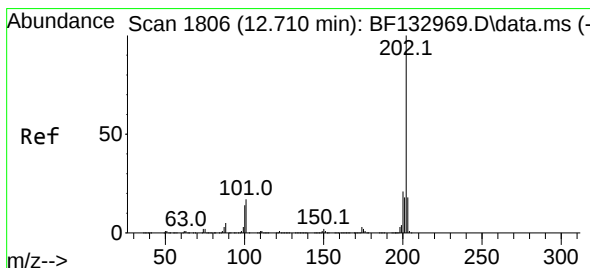
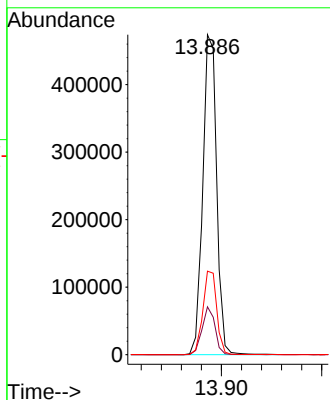
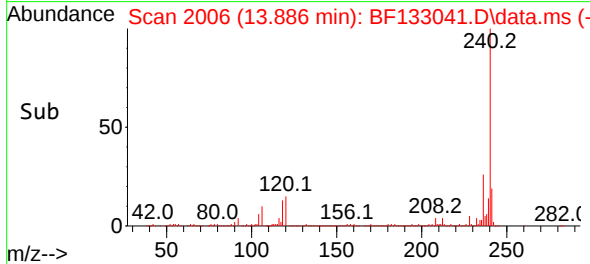
Instrument :
BNA_F
ClientSampleId :
S2S-TP2



Tgt Ion:240 Resp: 457262
Ion Ratio Lower Upper
240 100
120 15.0 10.5 15.7
236 26.1 21.5 32.3

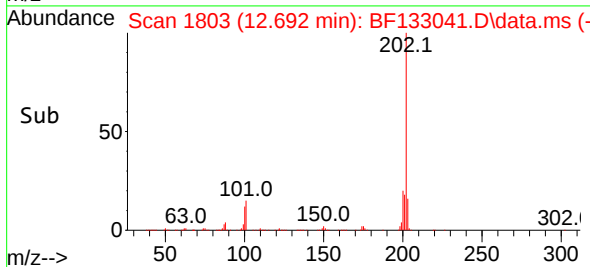
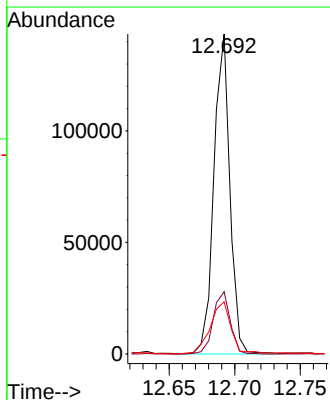
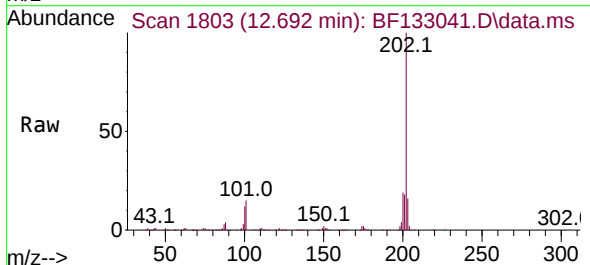
Manual Integrations
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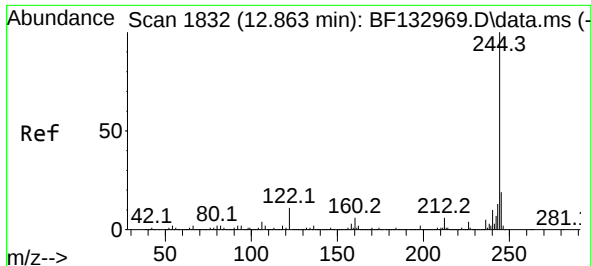
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#78
Pyrene
Concen: 3.099 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF133041.D
Acq: 25 Apr 2023 22:29

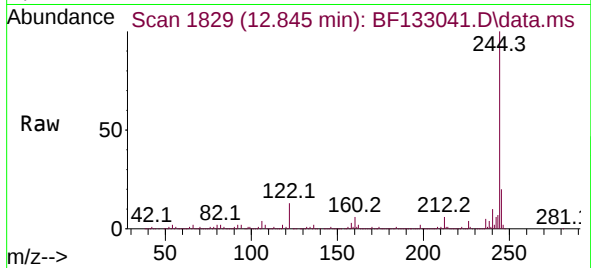
Tgt Ion:202 Resp: 121461
Ion Ratio Lower Upper
202 100
200 19.5 17.1 25.7
203 16.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 57.836 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF133041.D
 Acq: 25 Apr 2023 22:29

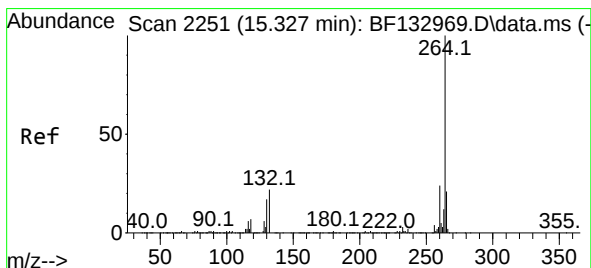
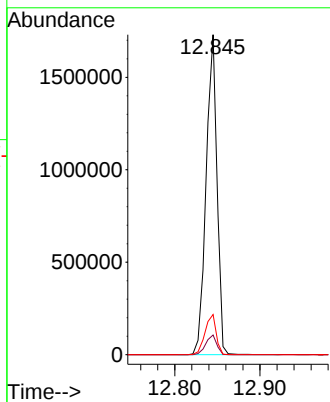
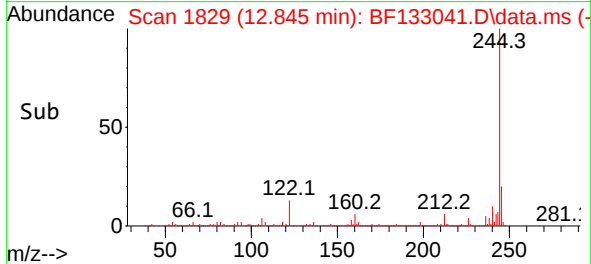
Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP2



Tgt Ion:244 Resp: 1533400
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 12.5 8.6 13.0

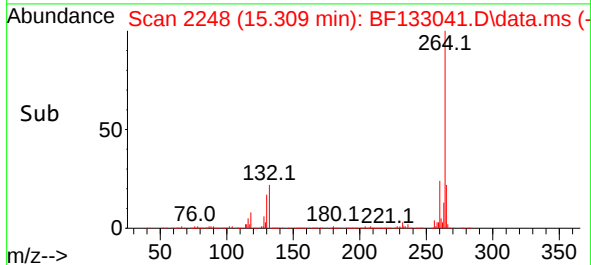
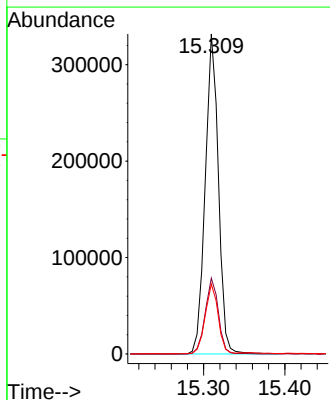
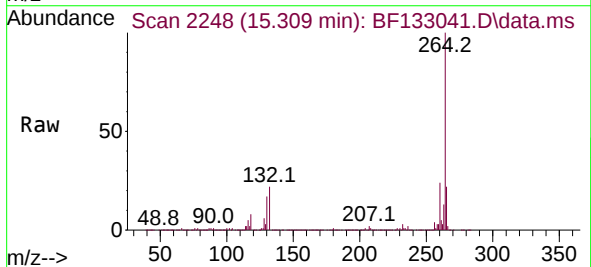
Manual Integrations
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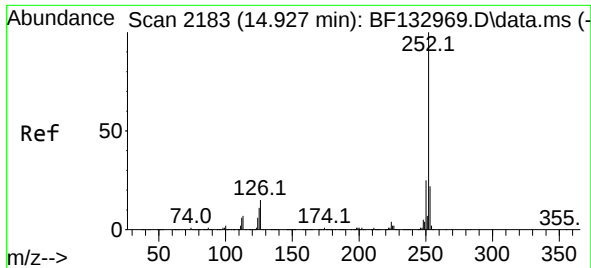
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133041.D
 Acq: 25 Apr 2023 22:29

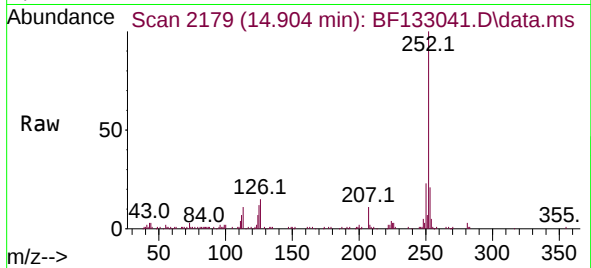
Tgt Ion:264 Resp: 373365
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.9 17.0 25.4





#88
 Benzo(b)fluoranthene
 Concen: 2.245 ng m
 RT: 14.904 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF133041.D
 Acq: 25 Apr 2023 22:29

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP2



Tgt Ion:252 Resp: 5332
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.6 26.4
 125 12.5 8.9 13.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

