

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130676.D
 Acq On : 14 Oct 2022 20:54
 Operator : CG\JU
 Sample : N5140-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/17/2022
 Supervised By : mohammad ahmed 10/18/2022

Quant Time: Oct 17 02:23:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	70867	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	263836	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	123843	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	165340	20.000	ng	-0.01
76) Chrysene-d12	13.721	240	153725	20.000	ng	0.00
86) Perylene-d12	15.098	264	151771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	135212	34.392	ng	0.00
7) Phenol-d6	6.228	99	457328	92.521	ng	-0.01
23) Nitrobenzene-d5	7.151	82	323714	66.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	8157	6.731	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	587667	71.879	ng	-0.01
79) Terphenyl-d14	12.674	244	453271	48.939	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.298	202	29700	3.373	ng	97
78) Pyrene	12.521	202	30170	2.275	ng	99
88) Benzo(b)fluoranthene	14.721	252	22974m	2.391	ng	

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

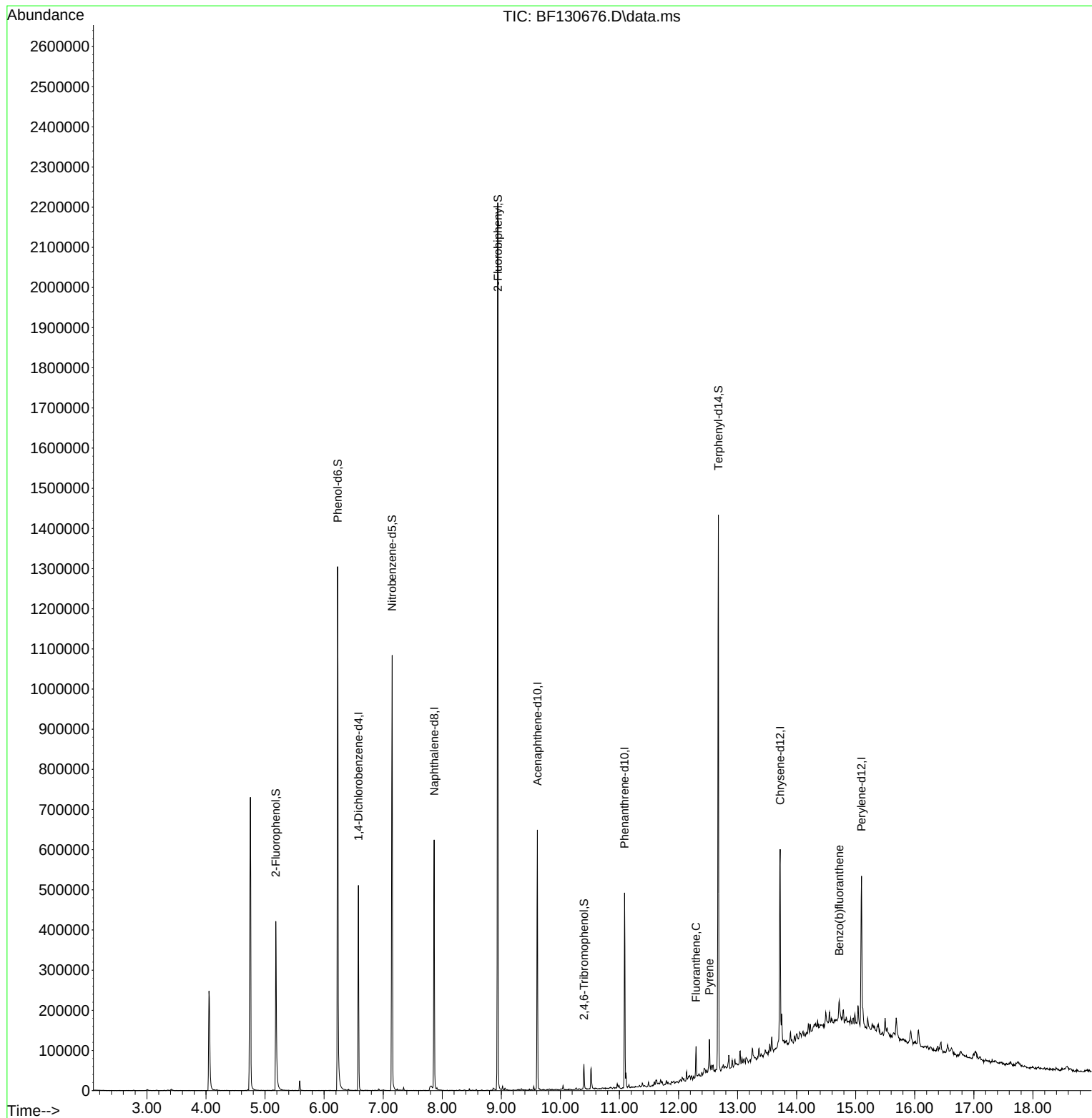
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130676.D
Acq On : 14 Oct 2022 20:54
Operator : CG\JU
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ALS Vial : 16 Sample Multiplier: 1

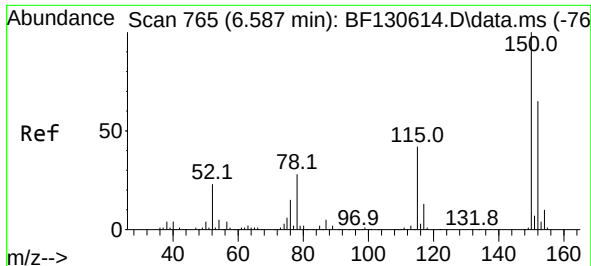
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Time: Oct 17 02:23:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

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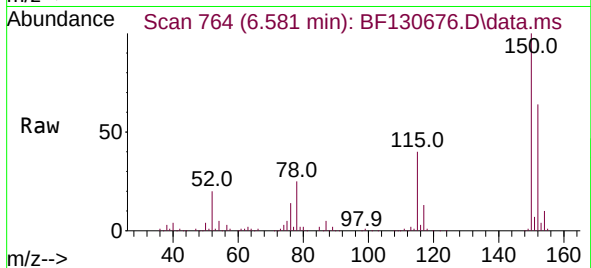
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

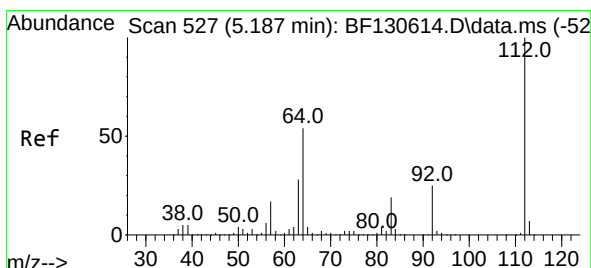
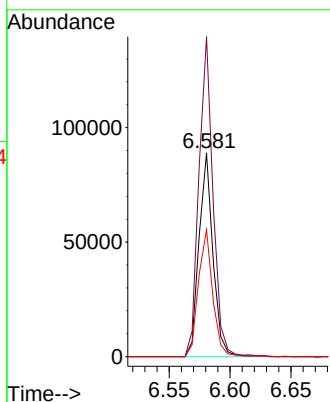
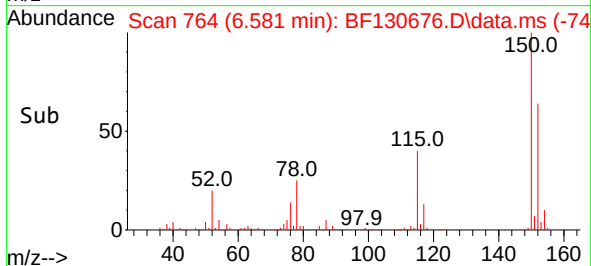
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP



Tgt Ion:152 Resp: 70862
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 62.2 52.2 78.4

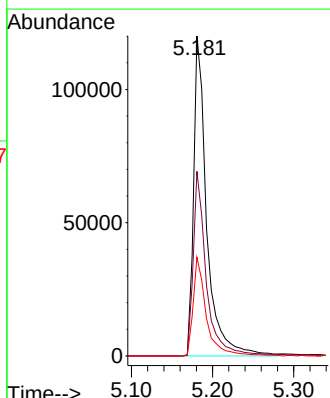
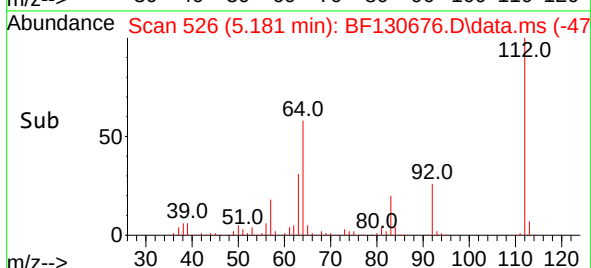
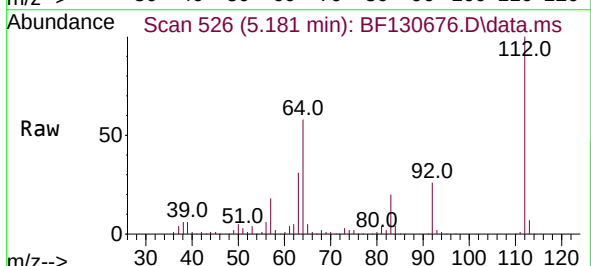
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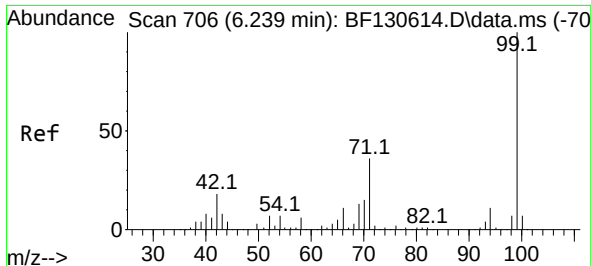
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#5
2-Fluorophenol
Concen: 34.392 ng
RT: 5.181 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

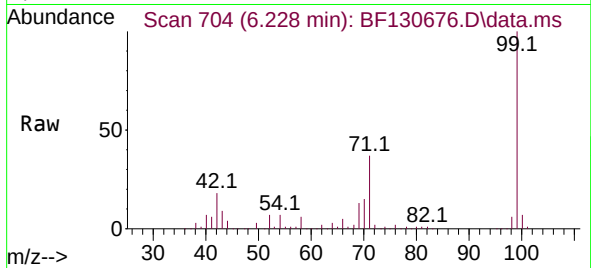
Tgt Ion:112 Resp: 135212
Ion Ratio Lower Upper
112 100
64 57.7 43.5 65.3
63 30.8 22.6 34.0





#7
Phenol-d6
Concen: 92.521 ng
RT: 6.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

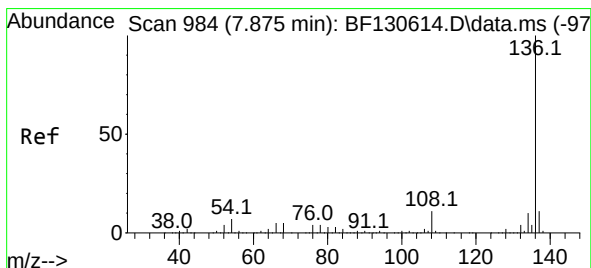
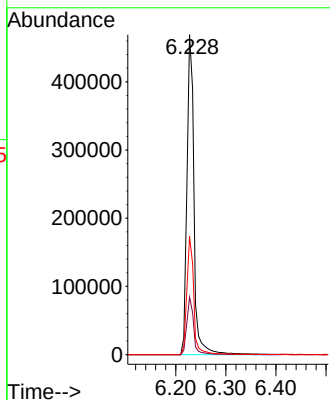
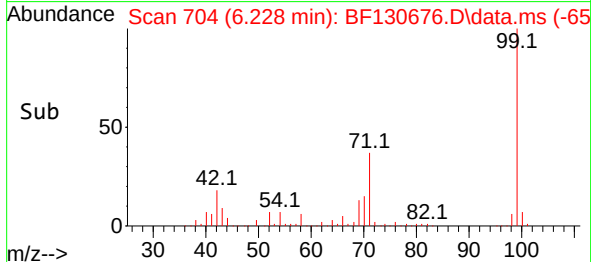
Instrument :
BNA_F
ClientSampleId :
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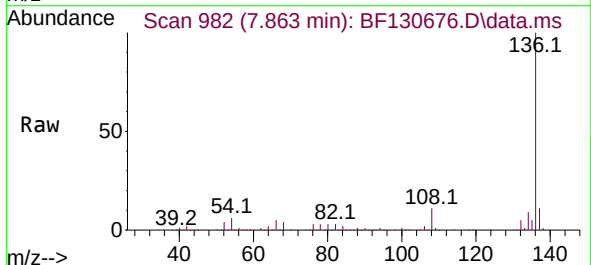
Tgt Ion: 99 Resp: 457328
Ion Ratio Lower Upper
99 100
42 18.0 14.0 21.0
71 36.9 28.8 43.2

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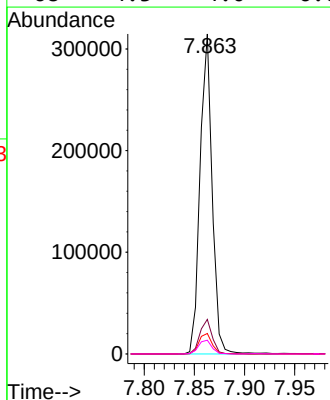
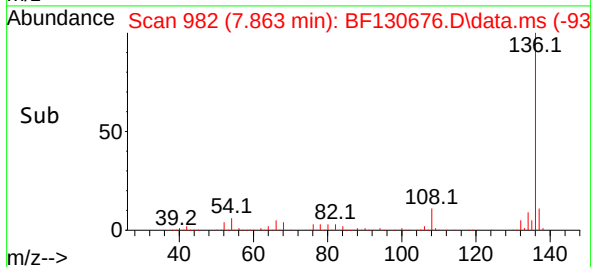
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

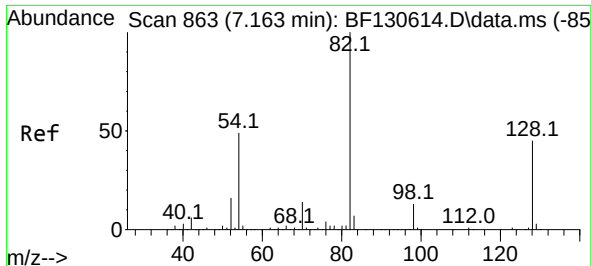


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54



Tgt Ion:136 Resp: 263836
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.4 5.5 8.3
68 4.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 66.980 ng

RT: 7.151 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tgt Ion: 82 Resp: 323714

Ion Ratio Lower Upper

82 100

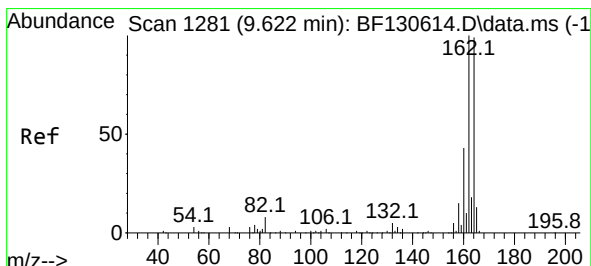
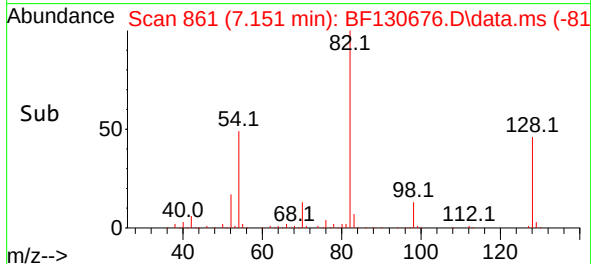
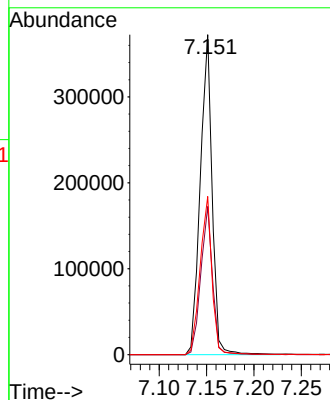
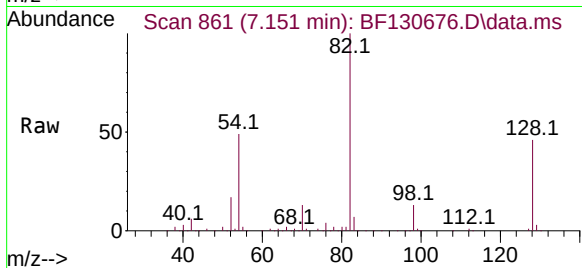
128 46.3 35.8 53.6

54 49.4 39.3 58.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

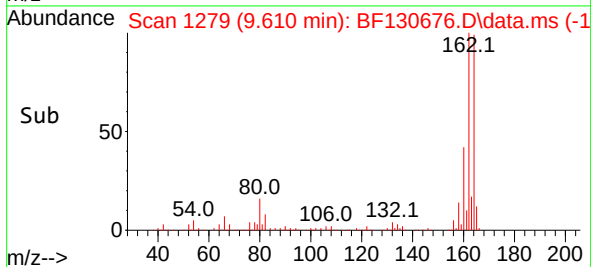
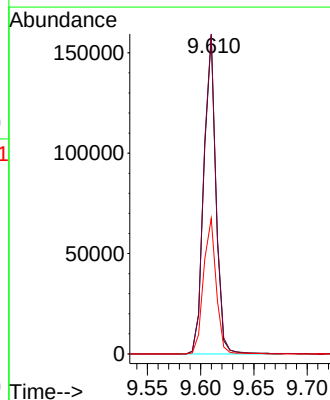
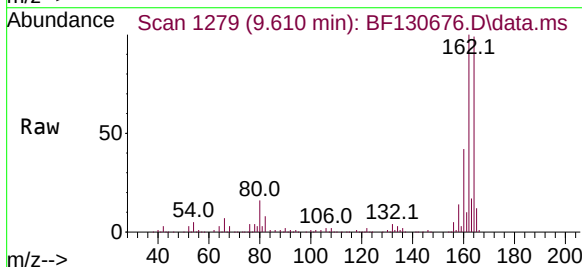
Tgt Ion:164 Resp: 123843

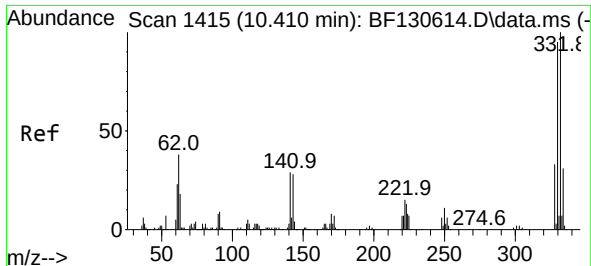
Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 42.6 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 6.731 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Instrument :

BNA_F

ClientSampleId :

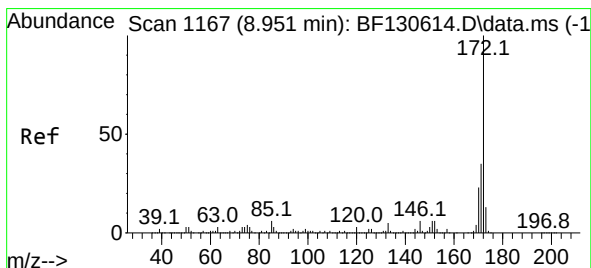
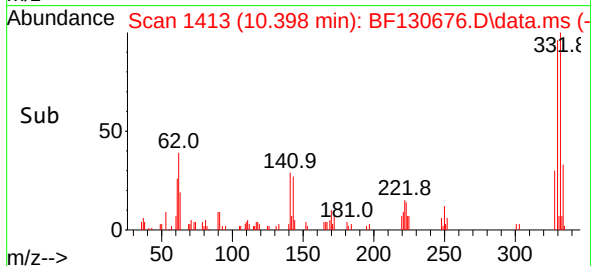
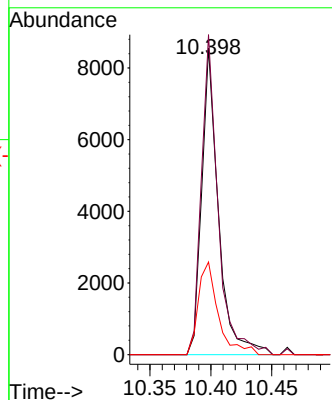
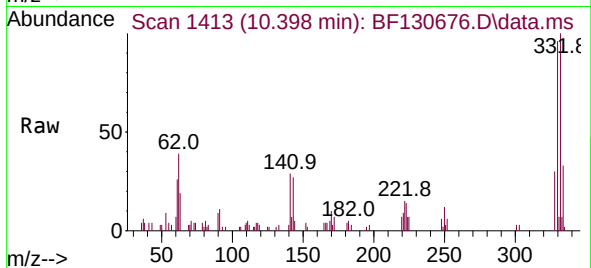
SB-02-COMP

Tgt Ion: 330 Resp: 8152
Ion Ratio Lower Upper
330 100
332 104.1 84.2 126.4
141 36.0 26.8 40.2

Manual Integrations

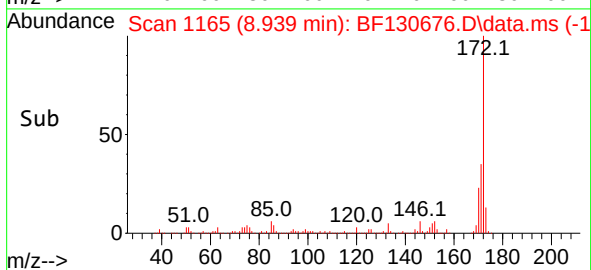
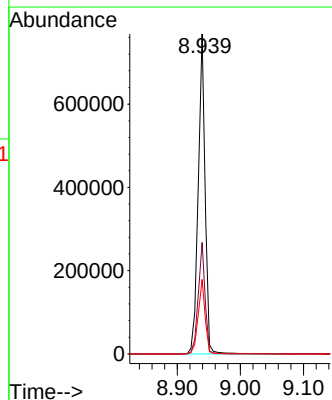
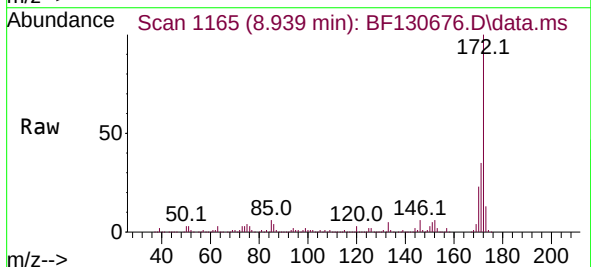
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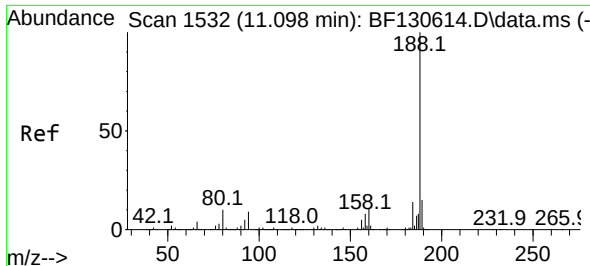
Reviewed By : Christian Giraldo 10/17/2022
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#45
2-Fluorobiphenyl
Concen: 71.879 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

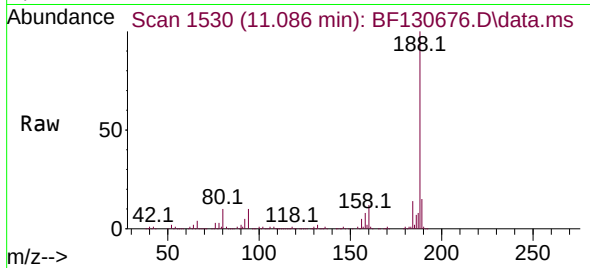
Tgt Ion: 172 Resp: 587667
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

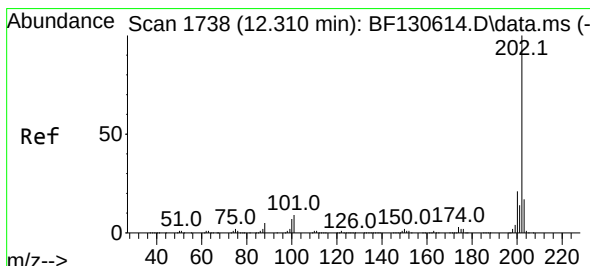
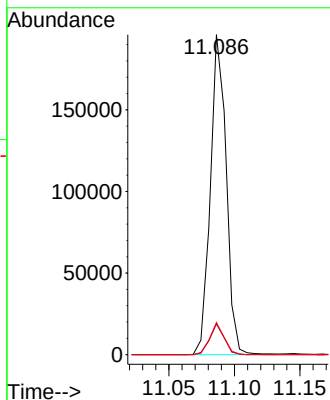
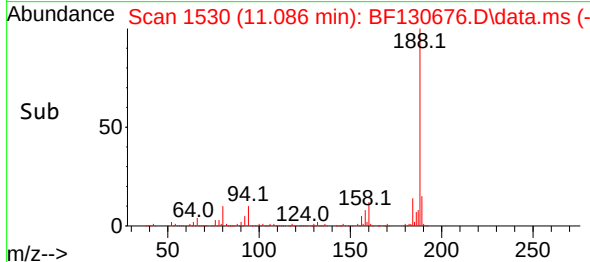
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP



Tgt Ion:188 Resp: 165340
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.0 12.0

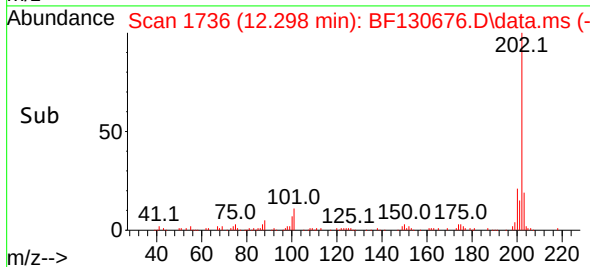
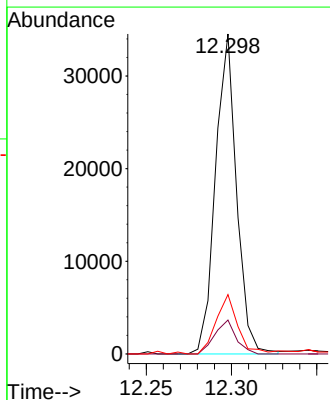
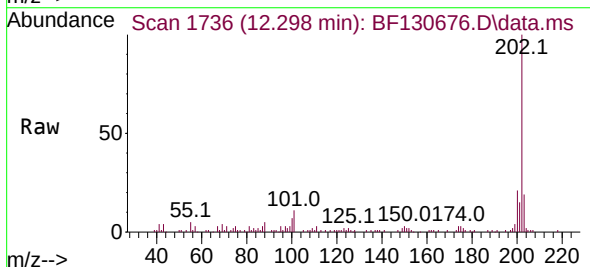
Manual Integrations
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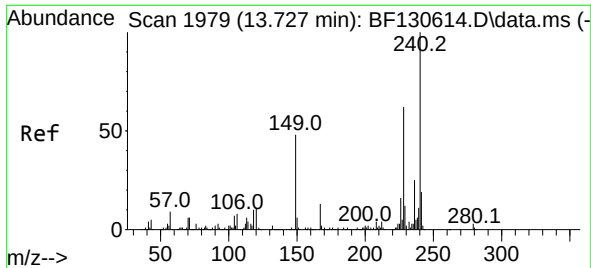
Reviewed By :Christian Giraldo 10/17/2022
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#75
Fluoranthene
Concen: 3.373 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Tgt Ion:202 Resp: 29700
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.1
203 18.5 0.0 37.3





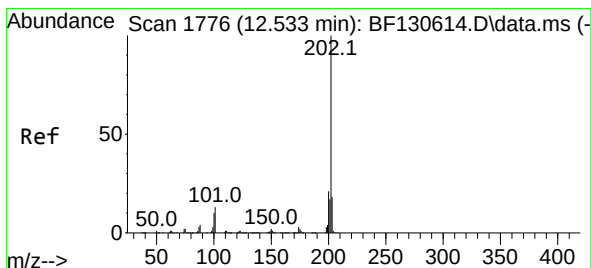
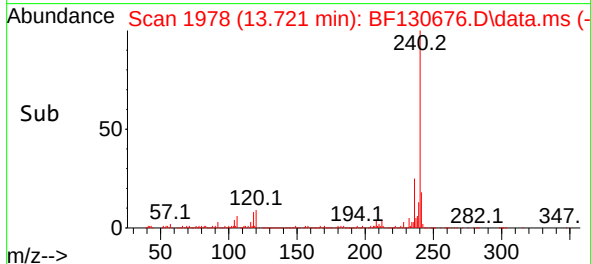
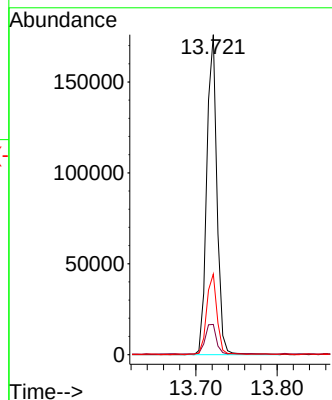
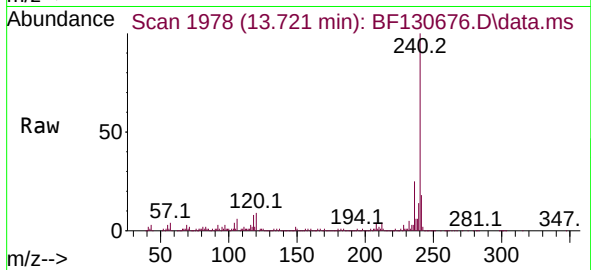
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:240 Resp: 153725
Ion Ratio Lower Upper
240 100
120 9.4 8.6 13.0
236 25.2 20.2 30.4

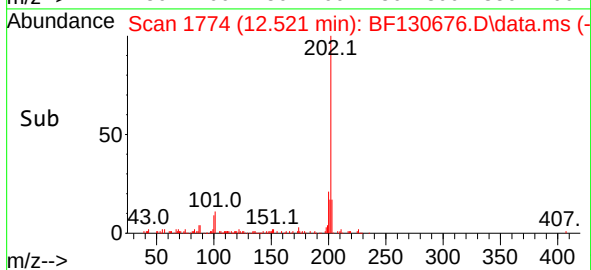
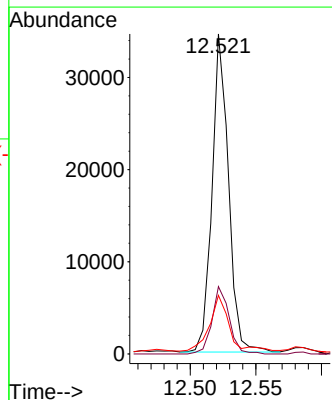
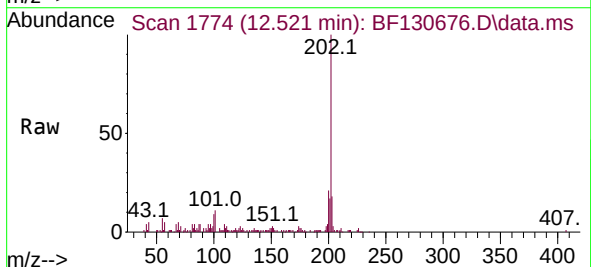
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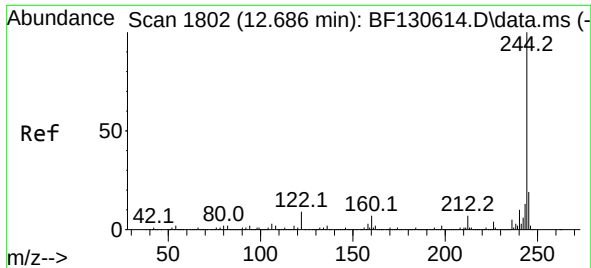
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#78
Pyrene
Concen: 2.275 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

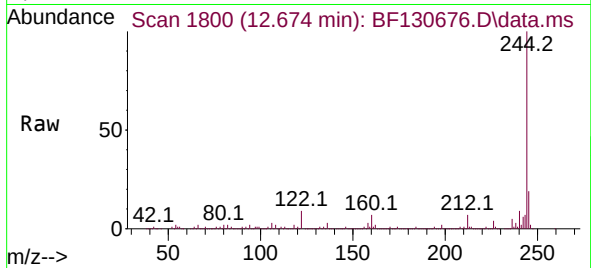
Tgt Ion:202 Resp: 30170
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 18.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 48.939 ng
 RT: 12.674 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF130676.D
 Acq: 14 Oct 2022 20:54

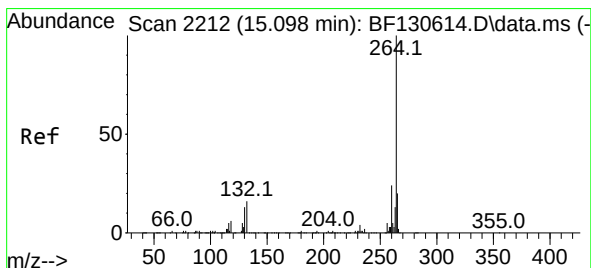
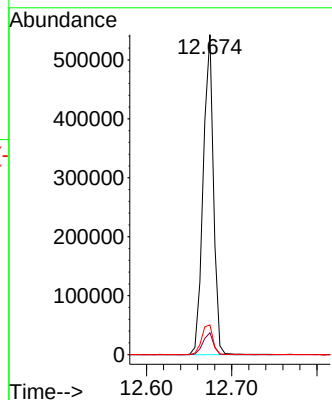
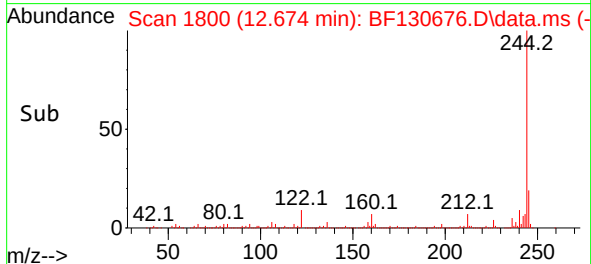
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP



Tgt Ion:244 Resp: 453271
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.3 7.5 11.3

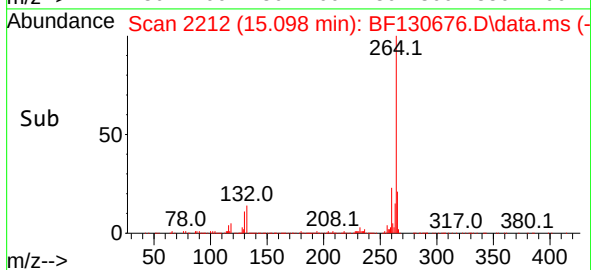
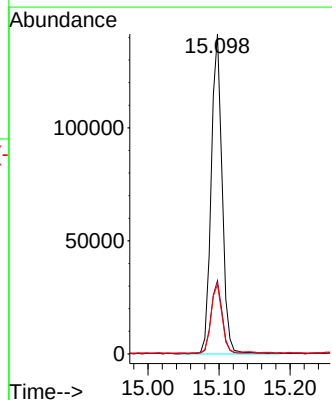
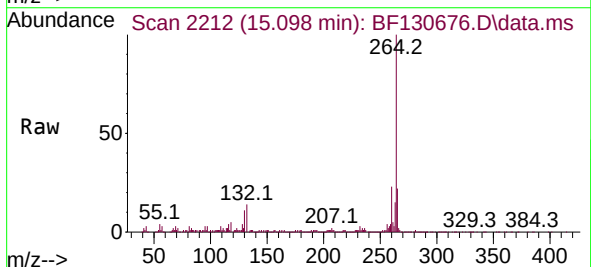
Manual Integrations
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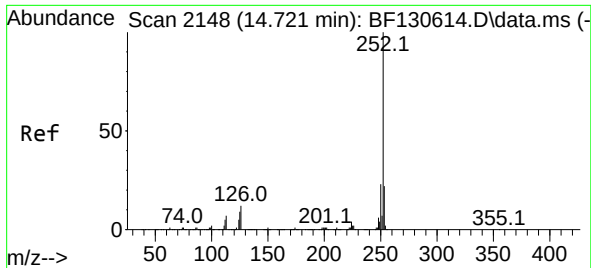
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: BF130676.D
 Acq: 14 Oct 2022 20:54

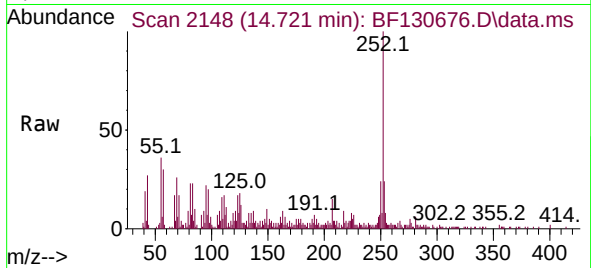
Tgt Ion:264 Resp: 151771
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.7 16.4 24.6





#88
 Benzo(b)fluoranthene
 Concen: 2.391 ng m
 RT: 14.721 min Scan# 2148
 Delta R.T. -0.000 min
 Lab File: BF130676.D
 Acq: 14 Oct 2022 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP



Tgt Ion:252 Resp: 22974
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.4 26.2
 125 17.7 7.4 11.0

Manual Integrations
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