

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130972.D
 Acq On : 03 Nov 2022 22:00
 Operator : CG\JU
 Sample : N5396-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-F

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2022
 Supervised By : Sohil Jodhani 11/04/2022

Quant Time: Nov 04 06:23:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	77558	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	252786	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	115636	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	219075	20.000	ng	0.00
76) Chrysene-d12	14.104	240	218035	20.000	ng	0.00
86) Perylene-d12	15.615	264	158650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	438547	98.026	ng	0.00
7) Phenol-d6	6.534	99	509939	87.714	ng	0.00
23) Nitrobenzene-d5	7.481	82	331644	79.109	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	116072	119.241	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	527885	69.018	ng	0.00
79) Terphenyl-d14	13.045	244	636766	53.516	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.668	202	60189	5.010	ng	99
78) Pyrene	12.904	202	59439	3.231	ng	98
81) Benzo(a)anthracene	14.092	228	36436	2.521	ng	93
83) Chrysene	14.127	228	39808	2.855	ng	96
88) Benzo(b)fluoranthene	15.162	252	41615m	4.058	ng	
90) Benzo(a)pyrene	15.545	252	23528	2.854	ng	# 77

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

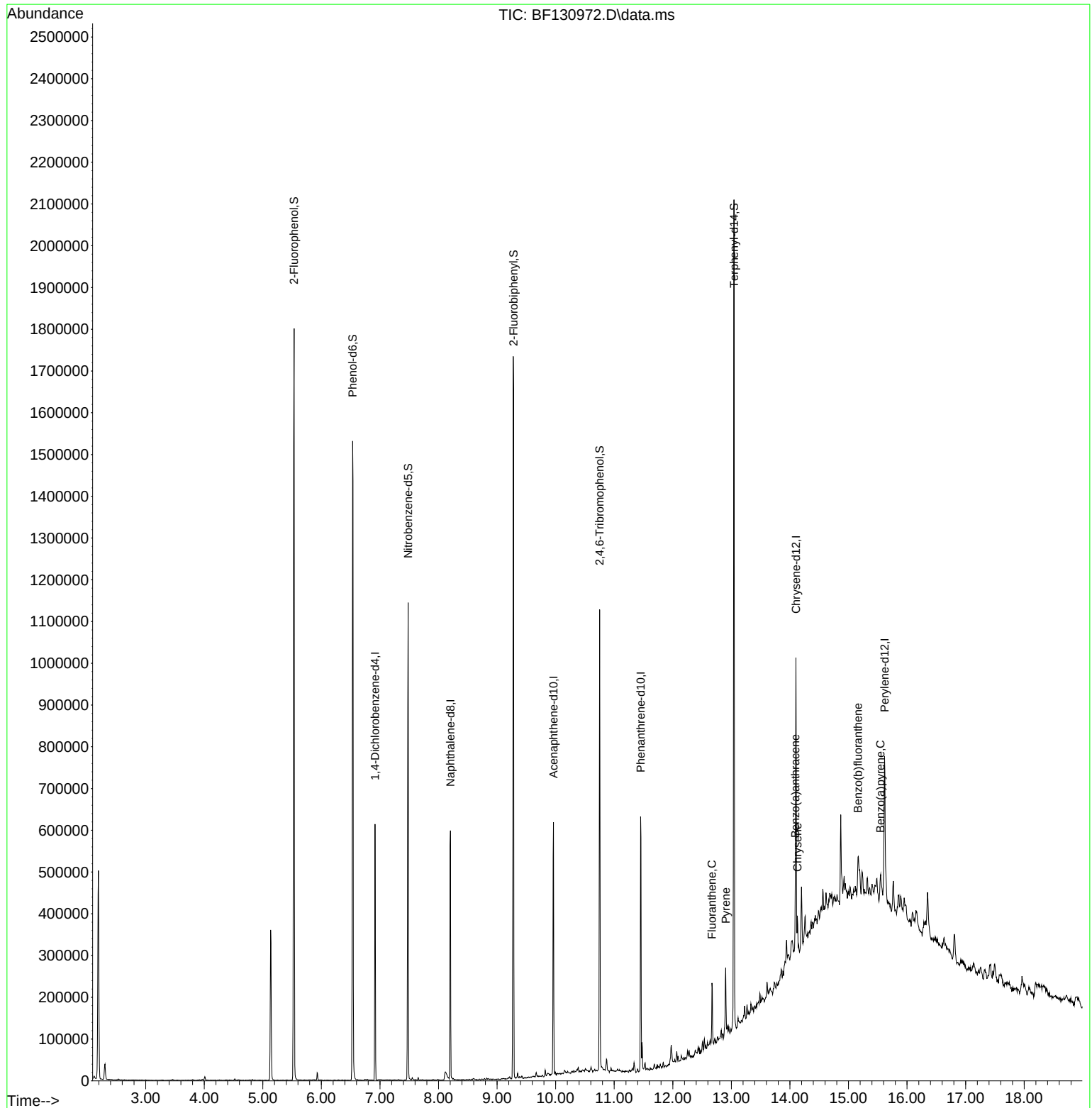
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130972.D
Acq On : 03 Nov 2022 22:00
Operator : CG\JU
Sample : N5396-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

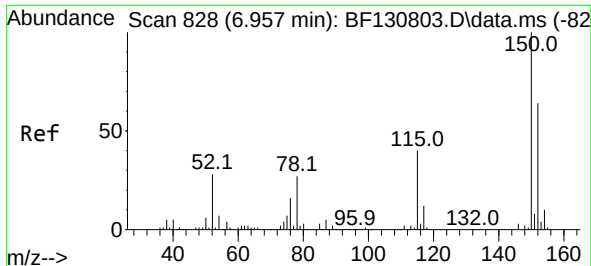
Instrument :
BNA_F
ClientSampleId :
TP-F

Quant Time: Nov 04 06:23:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

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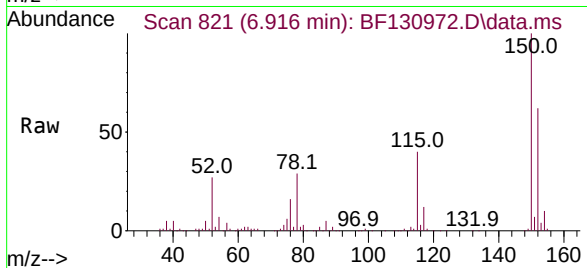
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

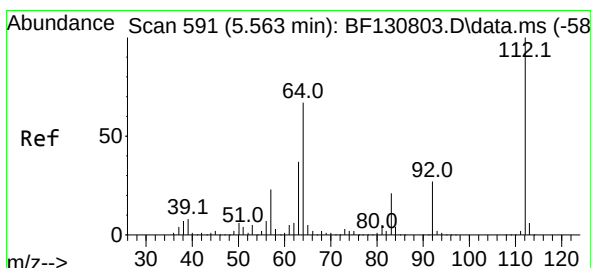
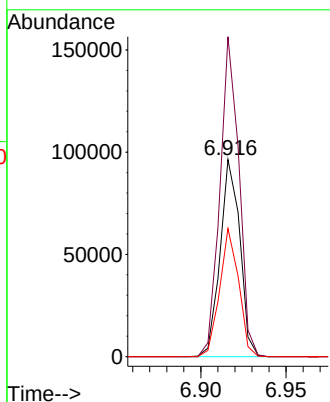
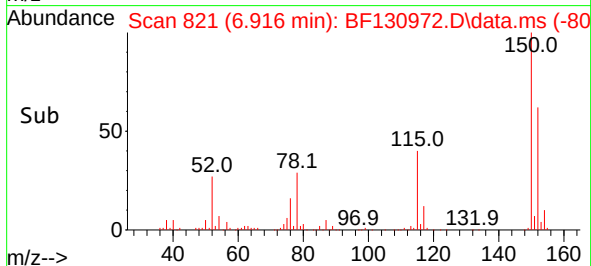
Instrument :
BNA_F
ClientSampleId :
TP-F



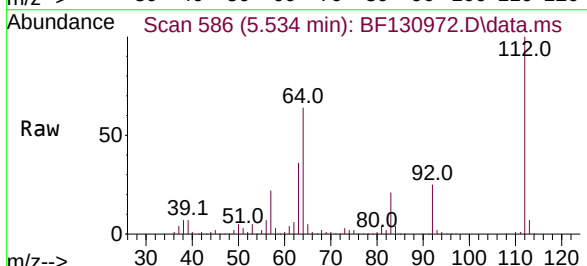
Tgt Ion:152 Resp: 77558
Ion Ratio Lower Upper
152 100
150 162.4 124.1 186.1
115 65.0 50.1 75.1

Manual Integrations
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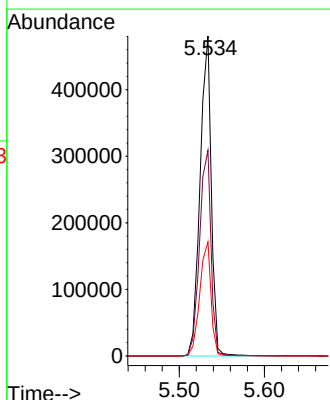
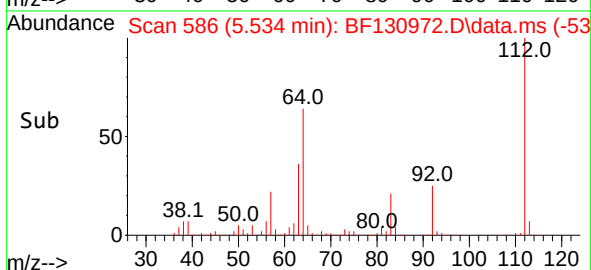
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

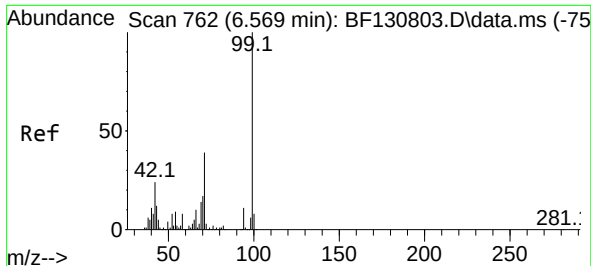


#5
2-Fluorophenol
Concen: 98.026 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00



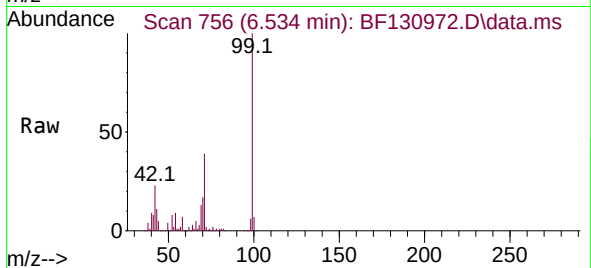
Tgt Ion:112 Resp: 438547
Ion Ratio Lower Upper
112 100
64 64.2 53.9 80.9
63 35.6 29.4 44.2





#7
Phenol-d6
Concen: 87.714 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

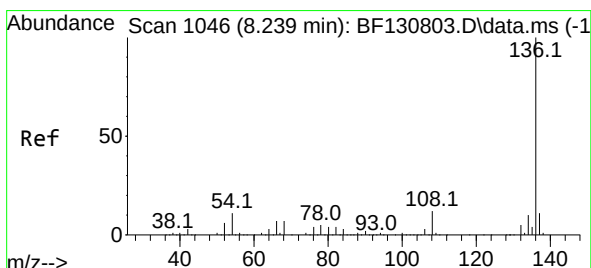
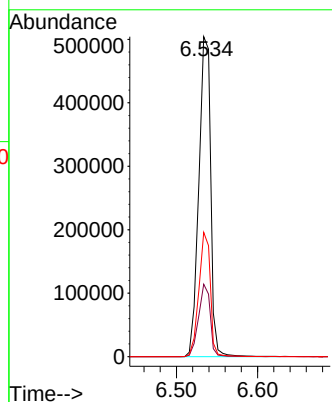
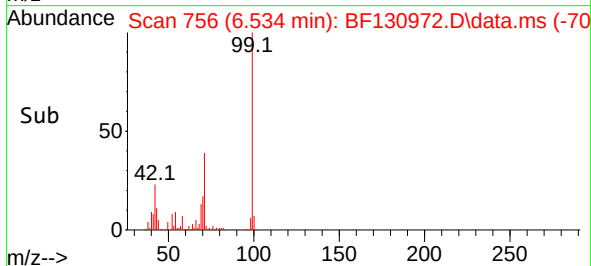
Instrument :
BNA_F
ClientSampleId :
TP-F



Tgt Ion: 99 Resp: 509939
Ion Ratio Lower Upper
99 100
42 22.6 18.8 28.2
71 38.8 31.4 47.0

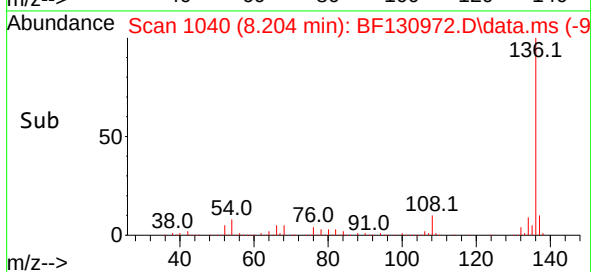
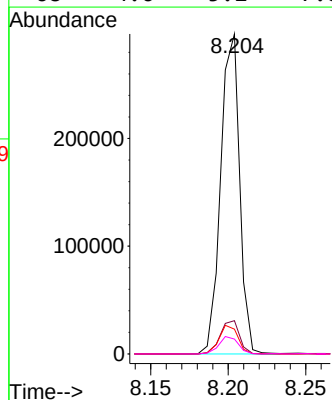
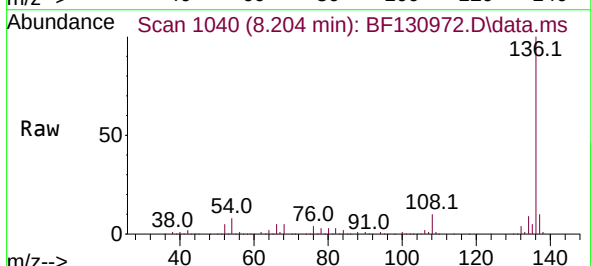
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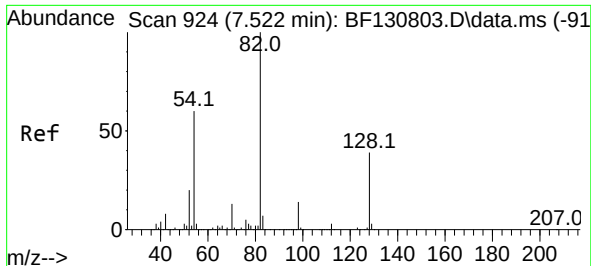
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

Tgt Ion:136 Resp: 252786
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.7 8.8 13.2#
68 4.6 5.2 7.8#





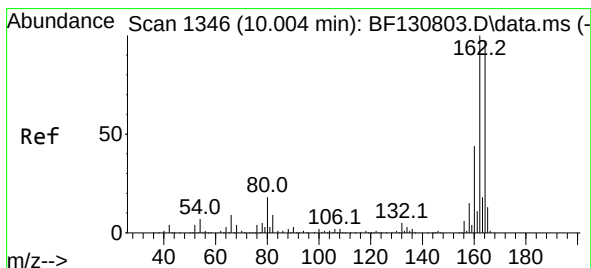
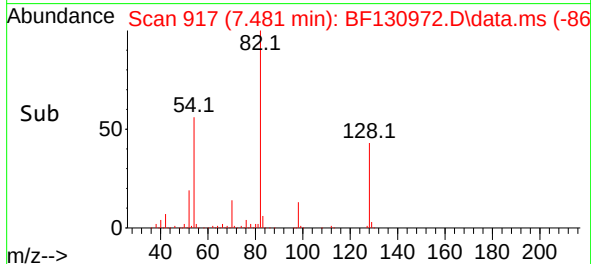
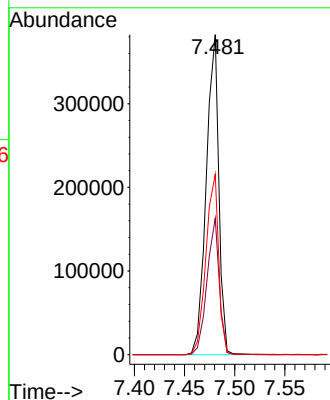
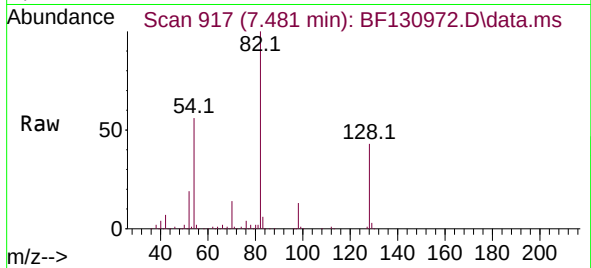
#23
Nitrobenzene-d5
Concen: 79.109 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

Instrument :
BNA_F
ClientSampleId :
TP-F

Tgt Ion: 82 Resp: 331644
Ion Ratio Lower Upper
82 100
128 42.6 31.2 46.8
54 56.4 48.0 72.0

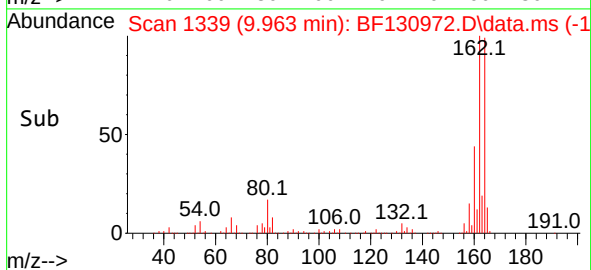
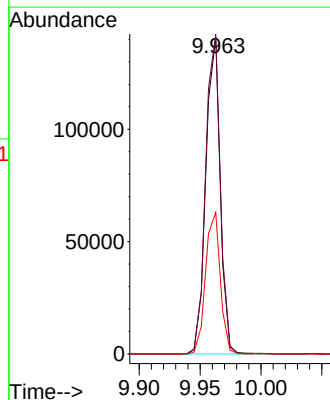
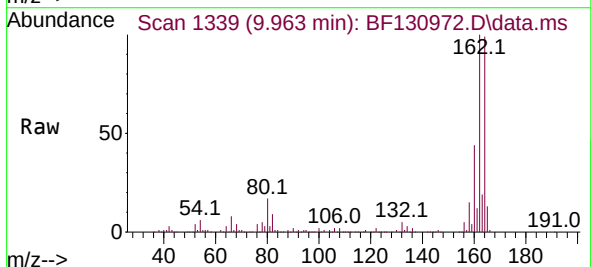
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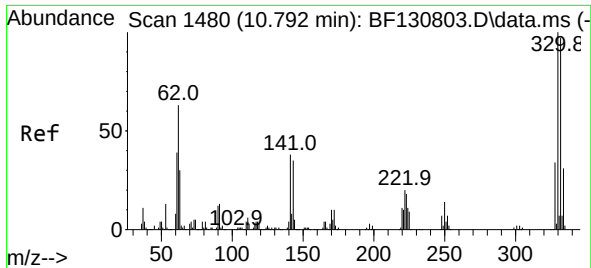
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

Tgt Ion:164 Resp: 115636
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 44.6 36.6 54.8





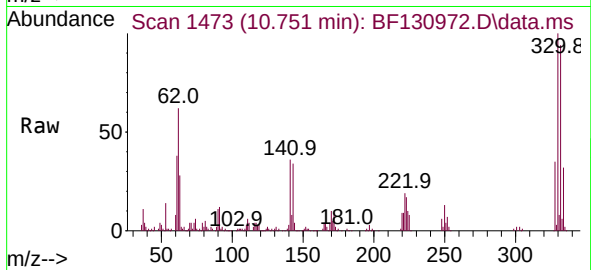
#42
2,4,6-Tribromophenol
Concen: 119.241 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

Instrument :

BNA_F

ClientSampleId :

TP-F

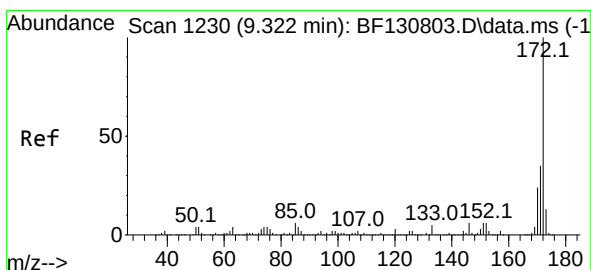
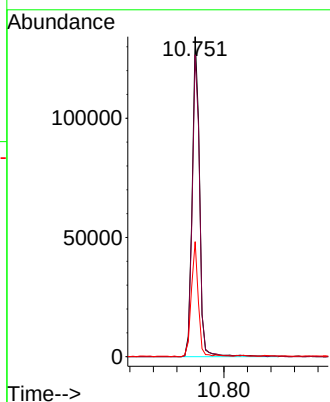
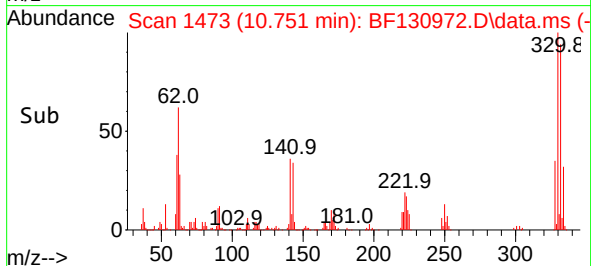


Tgt Ion: 330 Resp: 116072
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 34.7 31.4 47.0

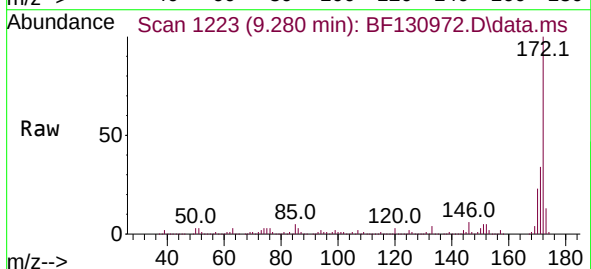
Manual Integrations

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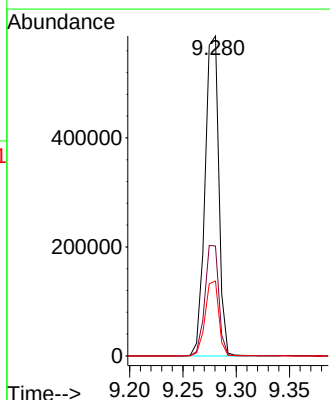
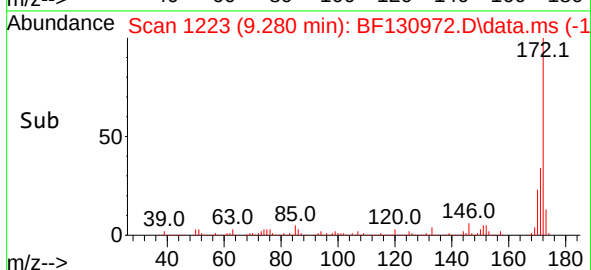
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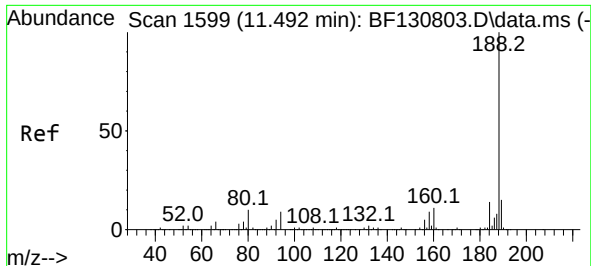


#45
2-Fluorobiphenyl
Concen: 69.018 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00



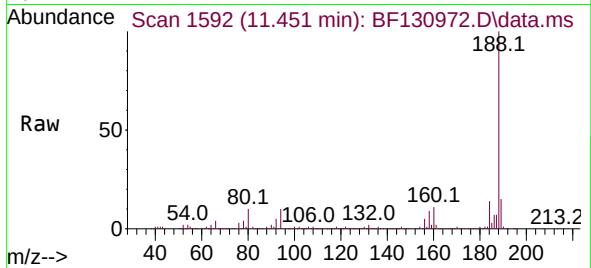
Tgt Ion: 172 Resp: 527885
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.4 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

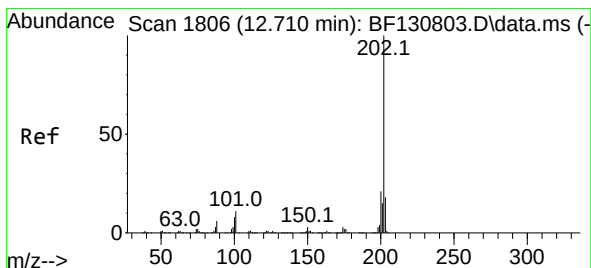
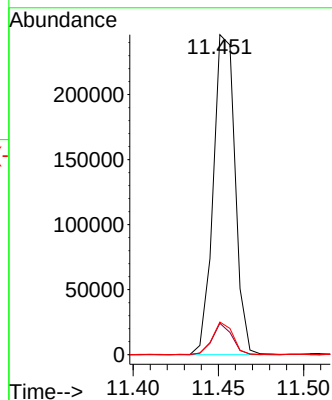
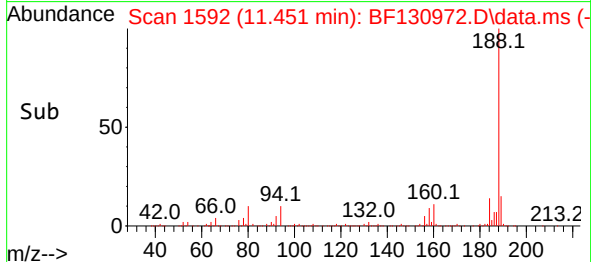
Instrument :
BNA_F
ClientSampleId :
TP-F



Tgt Ion:188 Resp: 219075
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.2 8.0 12.0

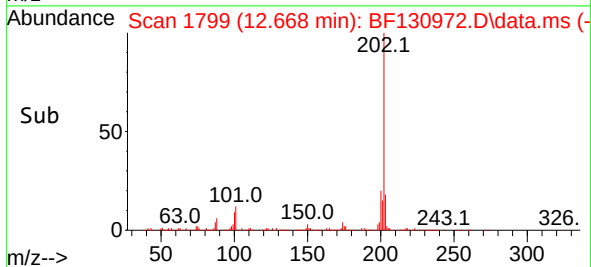
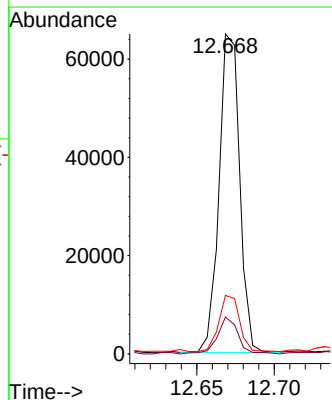
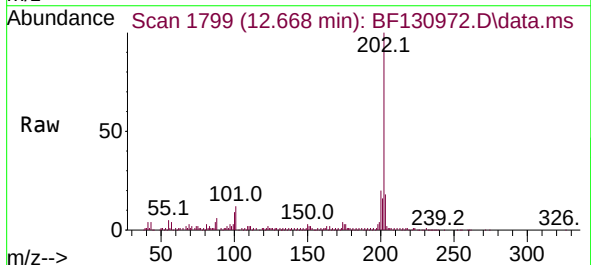
Manual Integrations
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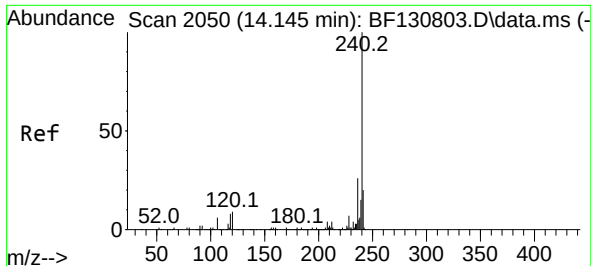
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#75
Fluoranthene
Concen: 5.010 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

Tgt Ion:202 Resp: 60189
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.9
203 18.3 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

Instrument :

BNA_F

ClientSampleId :

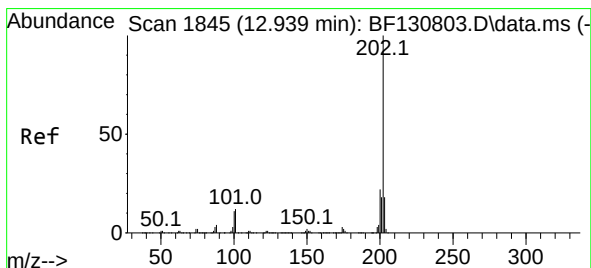
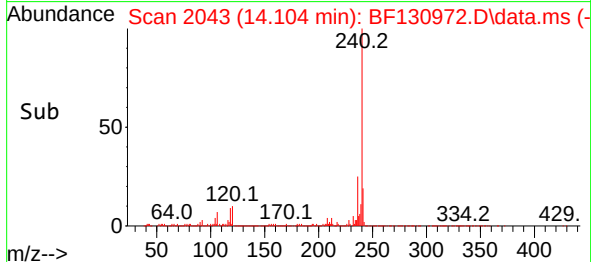
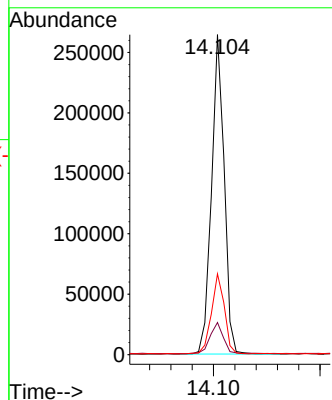
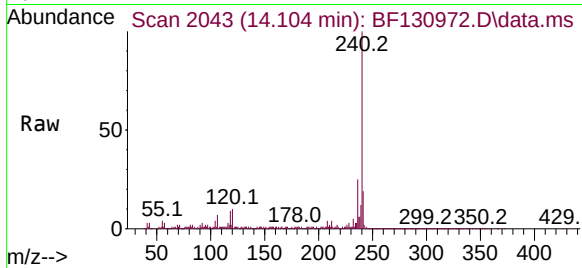
TP-F

Tgt Ion:240 Resp: 218035
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.4
236 25.2 20.5 30.7

Manual Integrations

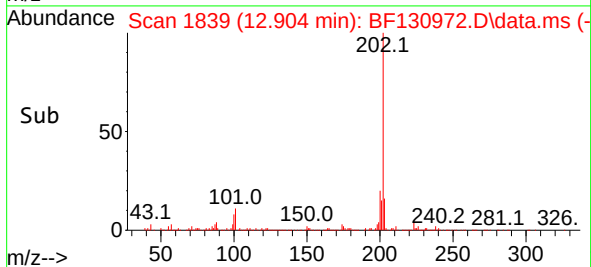
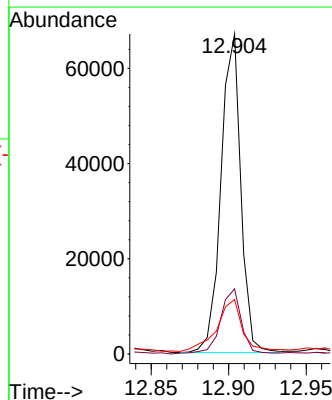
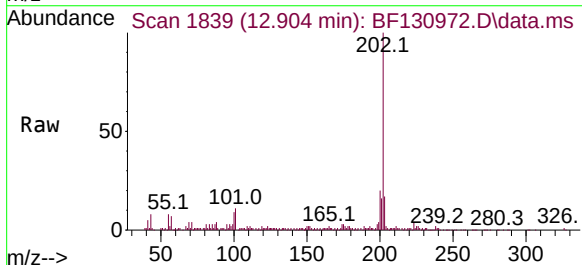
APPROVED

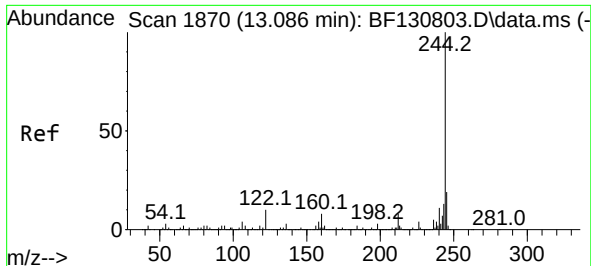
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#78
Pyrene
Concen: 3.231 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF130972.D
Acq: 03 Nov 2022 22:00

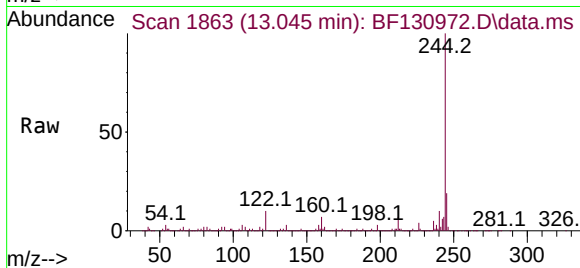
Tgt Ion:202 Resp: 59439
Ion Ratio Lower Upper
202 100
200 20.3 17.2 25.8
203 17.0 14.5 21.7





#79
 Terphenyl-d14
 Concen: 53.516 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF130972.D
 Acq: 03 Nov 2022 22:00

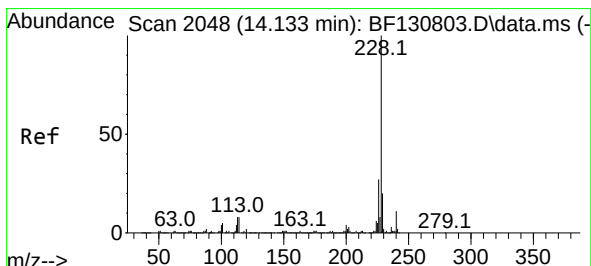
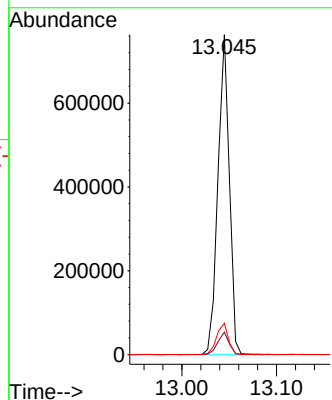
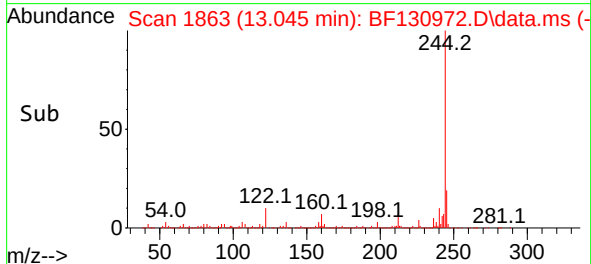
Instrument :
 BNA_F
 ClientSampleId :
 TP-F



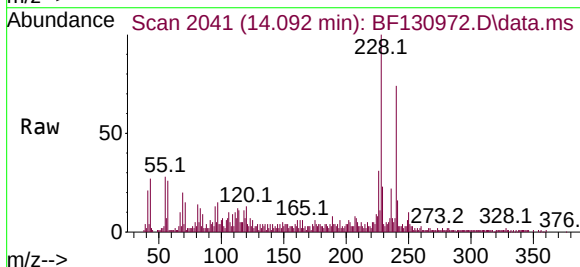
Tgt Ion:244 Resp: 636766
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.8 7.9 11.9

Manual Integrations
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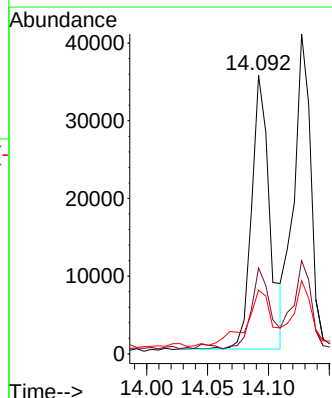
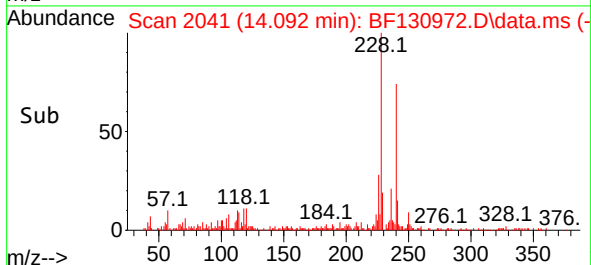
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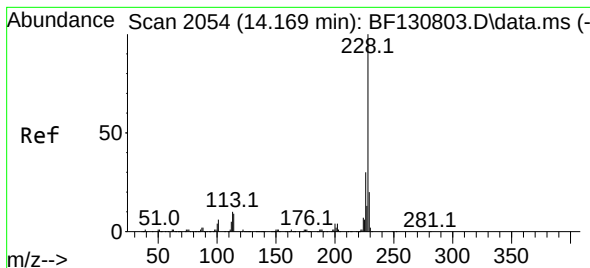


#81
 Benzo(a)anthracene
 Concen: 2.521 ng
 RT: 14.092 min Scan# 2041
 Delta R.T. -0.006 min
 Lab File: BF130972.D
 Acq: 03 Nov 2022 22:00



Tgt Ion:228 Resp: 36436
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.4 32.2
 229 22.9 15.8 23.6





#83

Chrysene

Concen: 2.855 ng

RT: 14.127 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BF130972.D

Acq: 03 Nov 2022 22:00

Instrument :

BNA_F

ClientSampleId :

TP-F

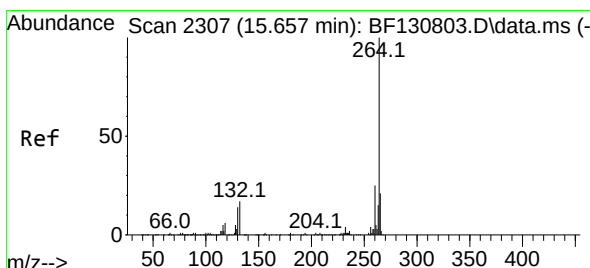
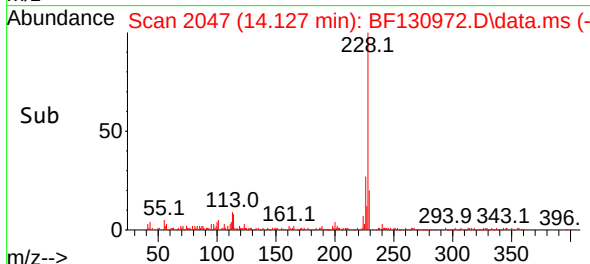
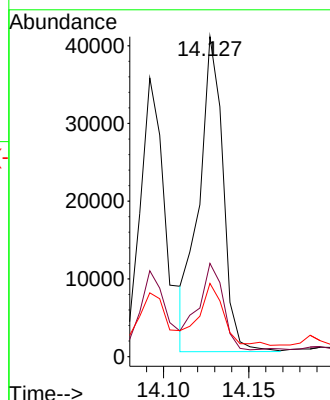
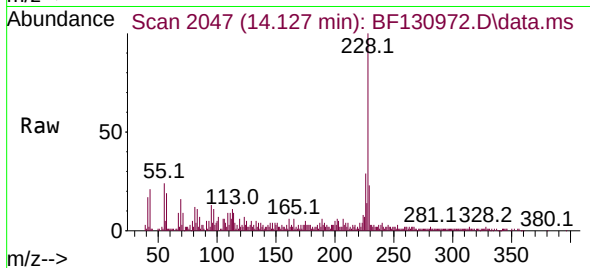
Tgt Ion:228	Resp:	39808
Ion Ratio	Lower	Upper
228	100	
226	29.1	23.9 35.9
229	22.9	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022



#86

Perylene-d12

Concen: 20.000 ng

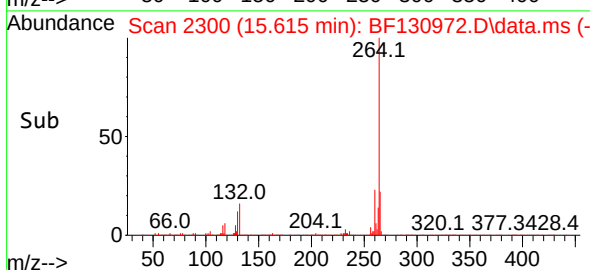
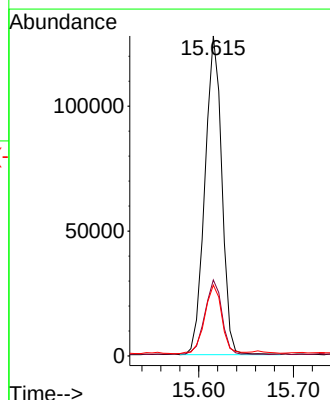
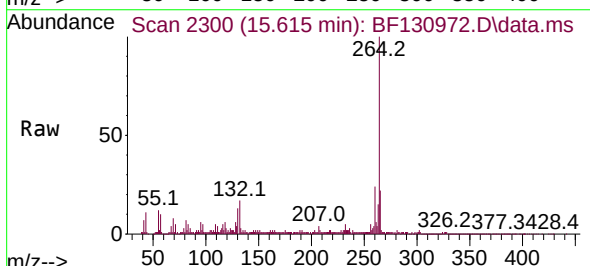
RT: 15.615 min Scan# 2300

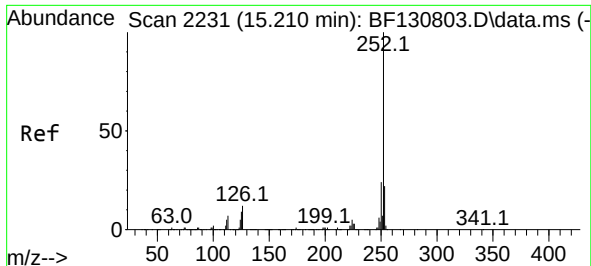
Delta R.T. 0.006 min

Lab File: BF130972.D

Acq: 03 Nov 2022 22:00

Tgt Ion:264	Resp:	158650
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.9 29.9
265	22.1	17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 4.058 ng m

RT: 15.162 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF130972.D

Acq: 03 Nov 2022 22:00

Instrument :

BNA_F

ClientSampleId :

TP-F

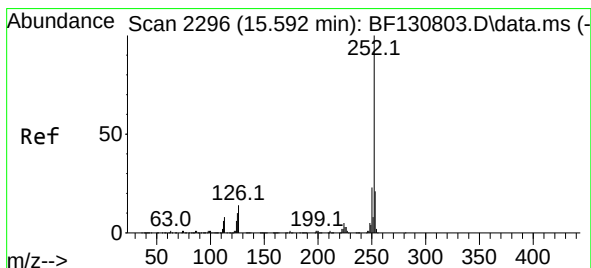
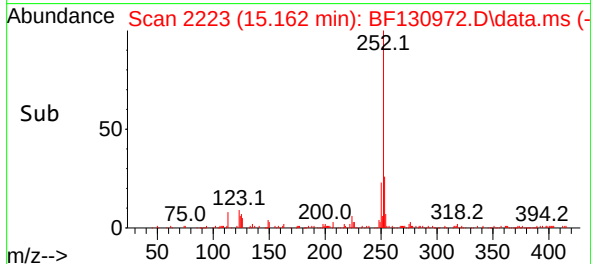
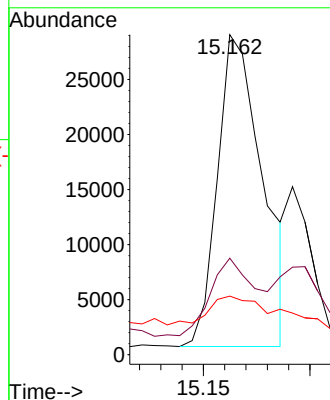
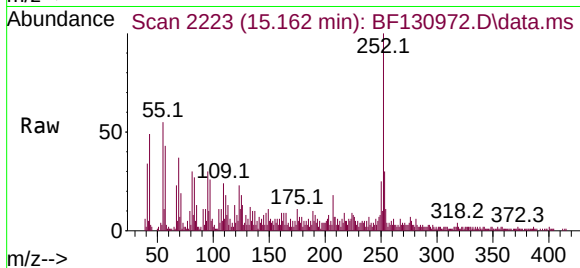
Tgt Ion:252 Resp: 41615
 Ion Ratio Lower Upper
 252 100
 253 30.1 17.5 26.3#
 125 18.3 7.0 10.4#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022



#90

Benzo(a)pyrene

Concen: 2.854 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF130972.D

Acq: 03 Nov 2022 22:00

Tgt Ion:252 Resp: 23528
 Ion Ratio Lower Upper
 252 100
 253 29.1 16.8 25.2#
 125 23.4 8.3 12.5#

