

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130979.D
 Acq On : 04 Nov 2022 01:39
 Operator : CG\JU
 Sample : N5418-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-N

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 06:25:53 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	66017	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	217264	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	111170	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	225415	20.000	ng	0.00
76) Chrysene-d12	14.109	240	186847	20.000	ng	0.00
86) Perylene-d12	15.621	264	122045	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	422396	110.922	ng	0.00
7) Phenol-d6	6.539	99	495819	100.194	ng	0.00
23) Nitrobenzene-d5	7.480	82	300754	83.470	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	138504	148.002	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	517540	70.384	ng	0.00
79) Terphenyl-d14	13.051	244	702782	68.924	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.674	202	54923	4.443	ng	99
78) Pyrene	12.904	202	53638	3.403	ng	96
83) Chrysene	14.133	228	42752	3.578	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.145	276	27636	3.410	ng	# 93
88) Benzo(b)fluoranthene	15.168	252	55769m	7.069	ng	
89) Benzo(k)fluoranthene	15.198	252	18208m	2.368	ng	
90) Benzo(a)pyrene	15.551	252	29593	4.666	ng	# 86
92) Benzo(g,h,i)perylene	17.615	276	30425	4.514	ng	98

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

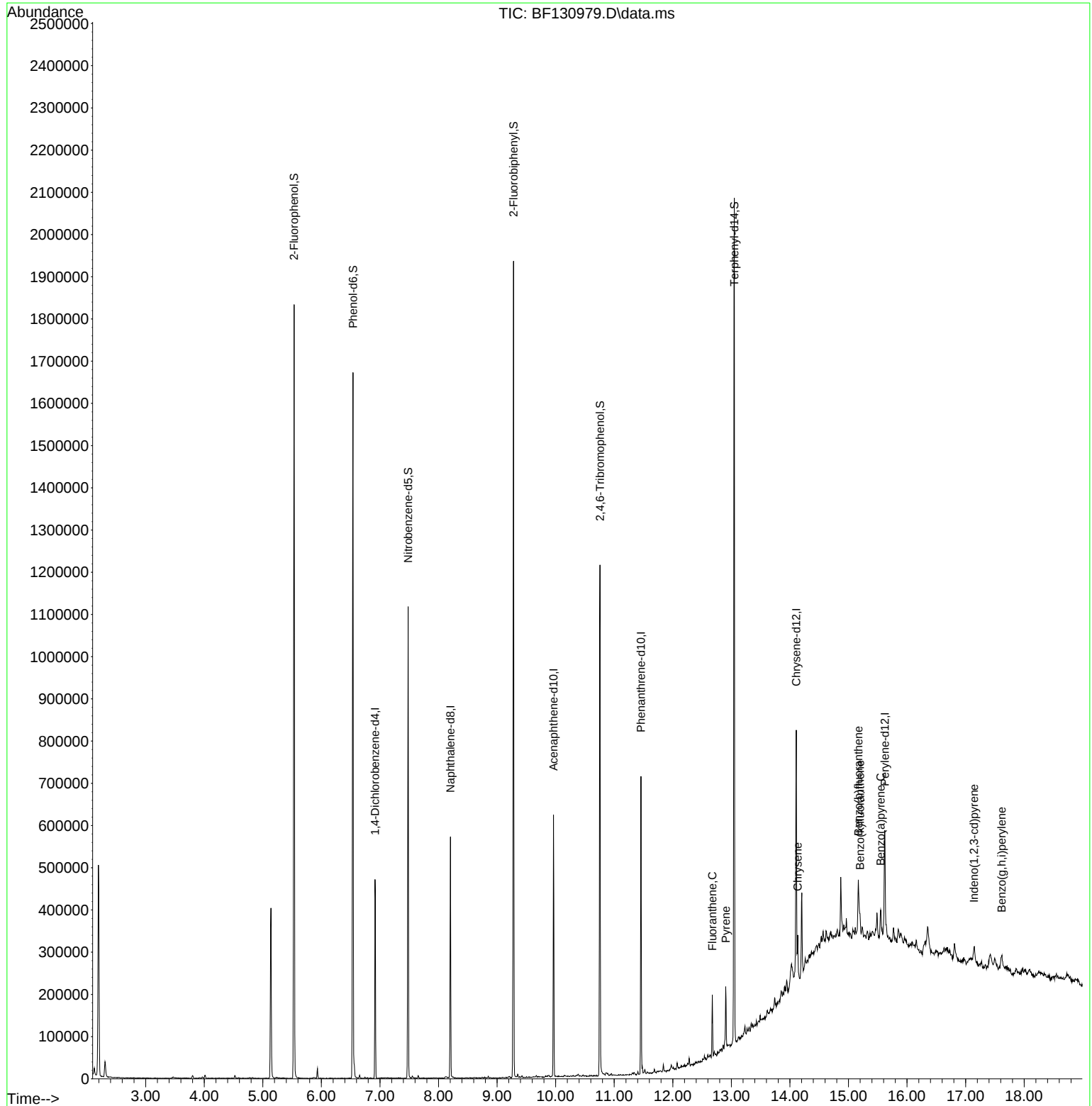
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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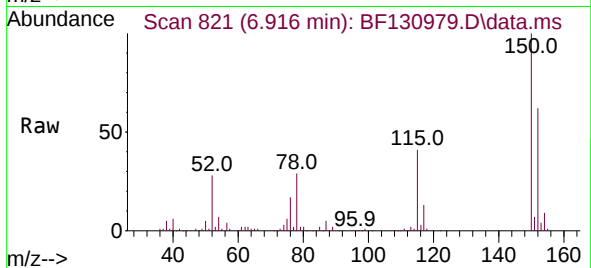
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

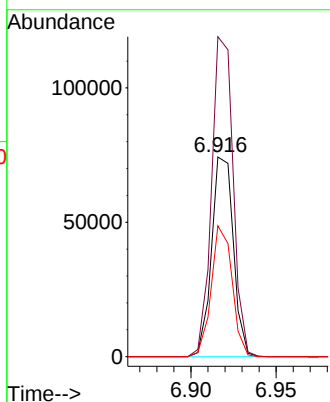
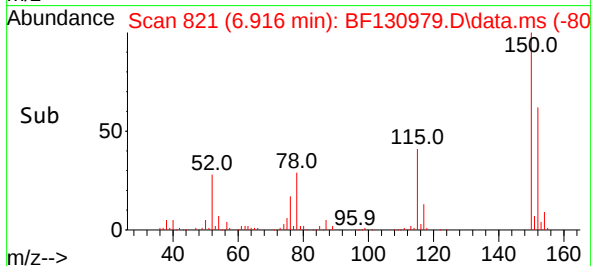
Instrument :
BNA_F
ClientSampleId :
TP-N



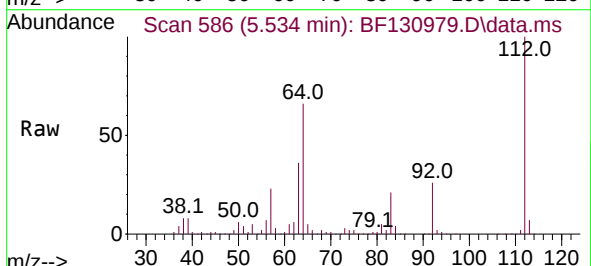
Tgt Ion:152 Resp: 6601
Ion Ratio Lower Upper
152 100
150 160.4 124.1 186.1
115 65.6 50.1 75.1

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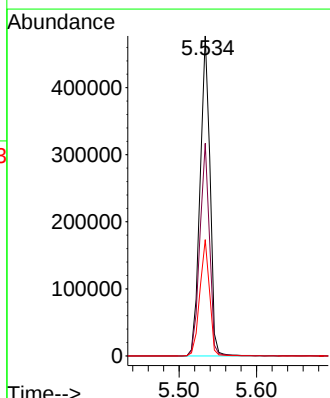
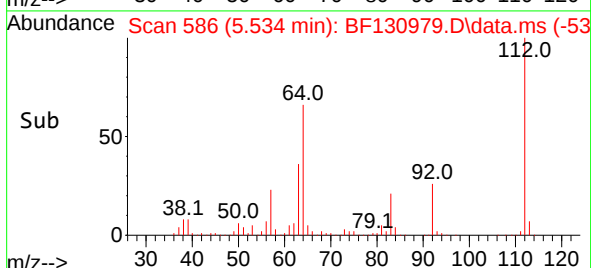
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

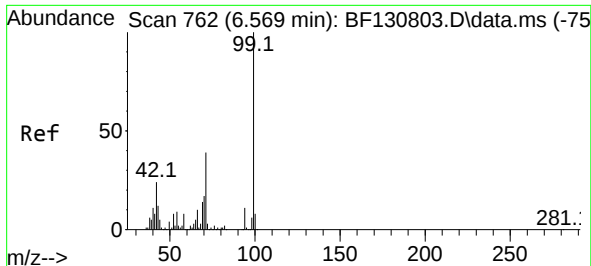


#5
2-Fluorophenol
Concen: 110.922 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39



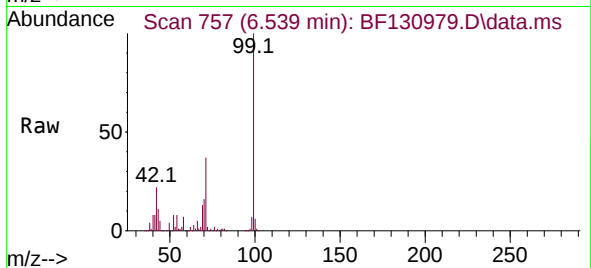
Tgt Ion:112 Resp: 422396
Ion Ratio Lower Upper
112 100
64 66.4 53.9 80.9
63 36.3 29.4 44.2





#7
Phenol-d6
Concen: 100.194 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

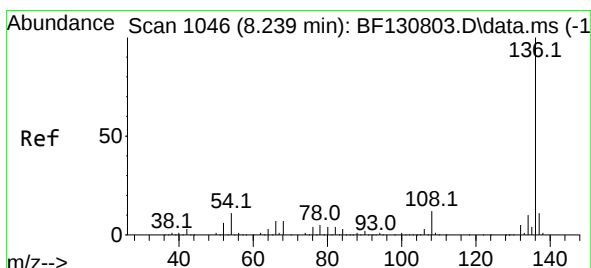
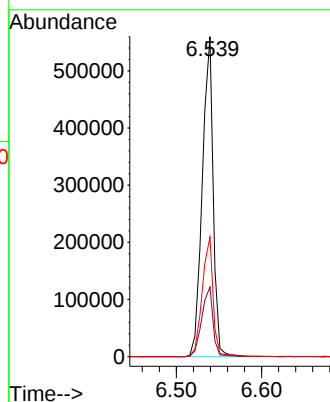
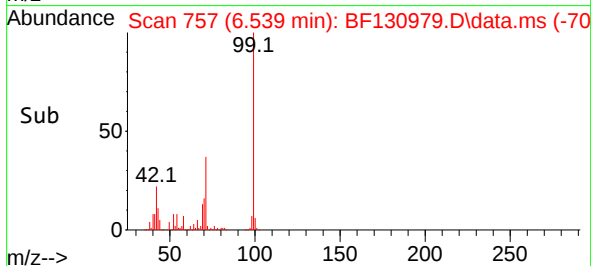
Instrument :
BNA_F
ClientSampleId :
TP-N



Tgt Ion: 99 Resp: 495819
Ion Ratio Lower Upper
99 100
42 21.7 18.8 28.2
71 37.4 31.4 47.0

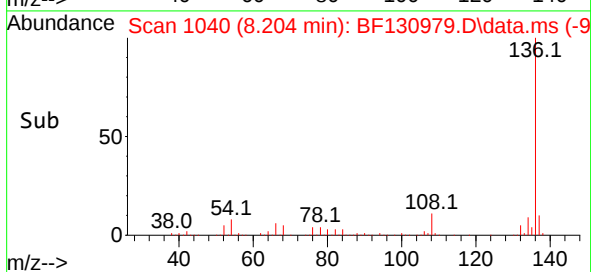
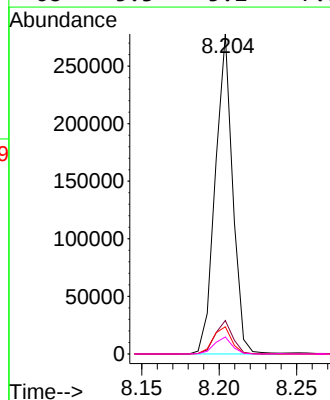
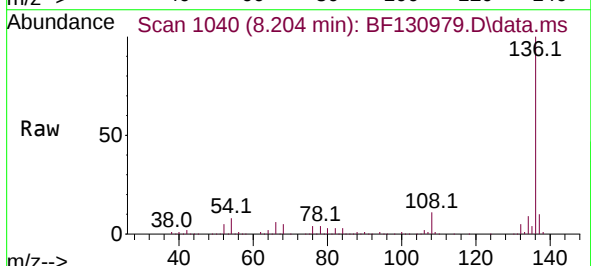
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Supervised By :Sohil Jodhani 11/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:136 Resp: 217264
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 8.5 8.8 13.2#
68 5.3 5.2 7.8





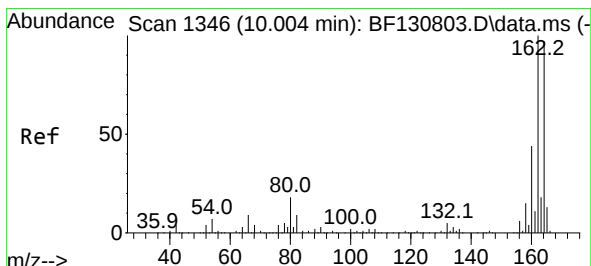
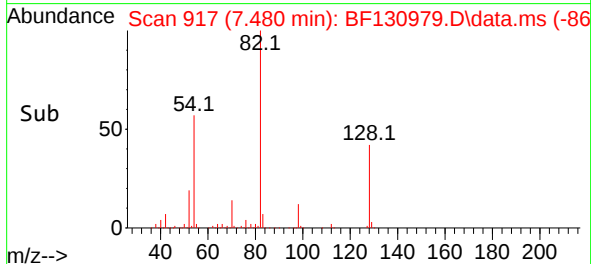
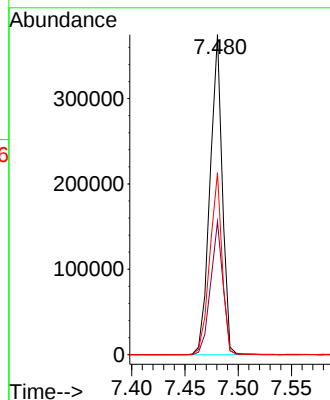
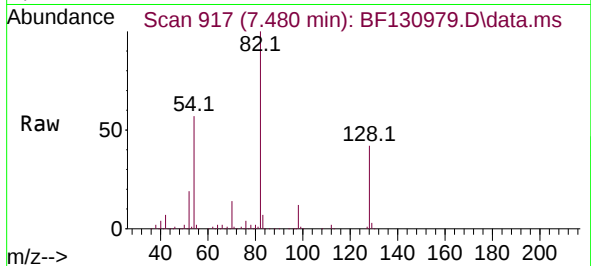
#23
Nitrobenzene-d5
Concen: 83.470 ng
RT: 7.480 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Instrument :
BNA_F
ClientSampleId :
TP-N

Tgt Ion: 82 Resp: 300754
Ion Ratio Lower Upper
82 100
128 41.6 31.2 46.8
54 56.8 48.0 72.0

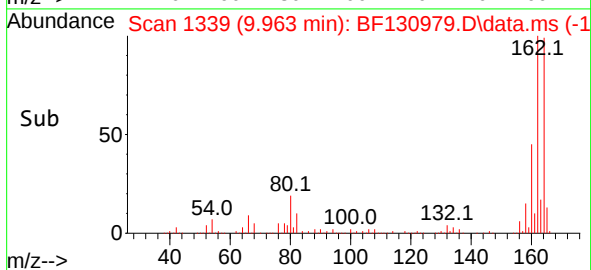
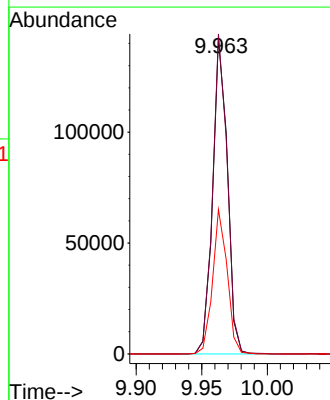
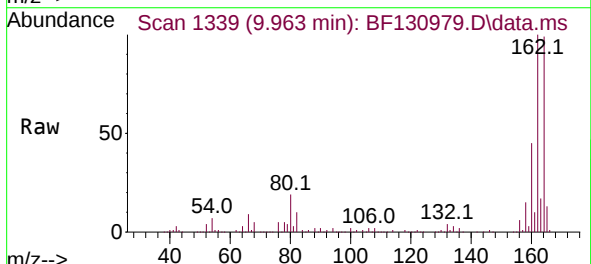
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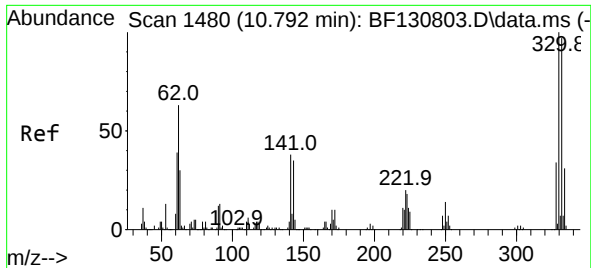
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

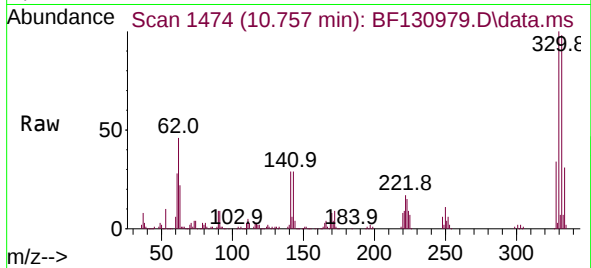
Tgt Ion:164 Resp: 111170
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 45.8 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 148.002 ng
RT: 10.757 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

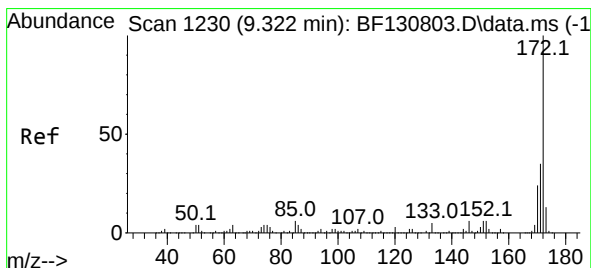
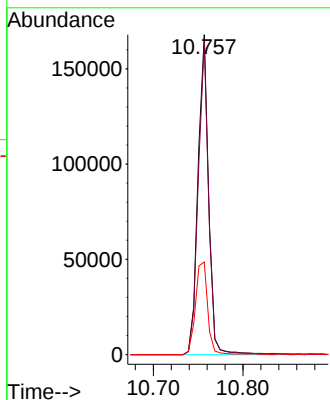
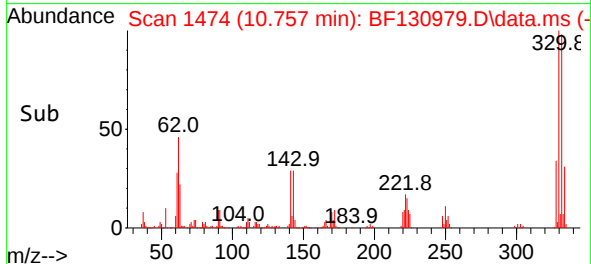
Instrument :
BNA_F
ClientSampleId :
TP-N



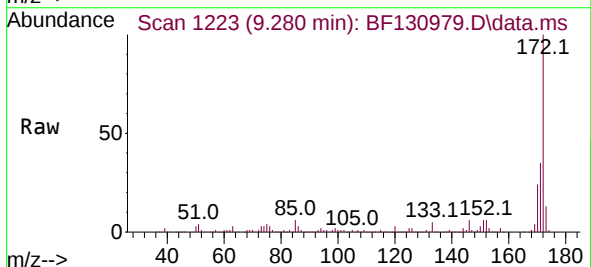
Tgt Ion: 330 Resp: 138504
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.9 31.4 47.0

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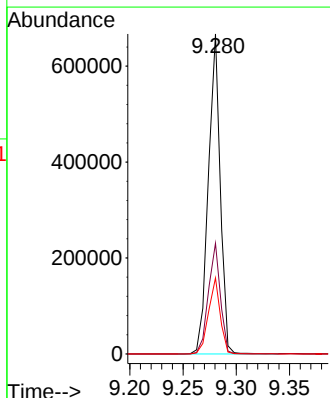
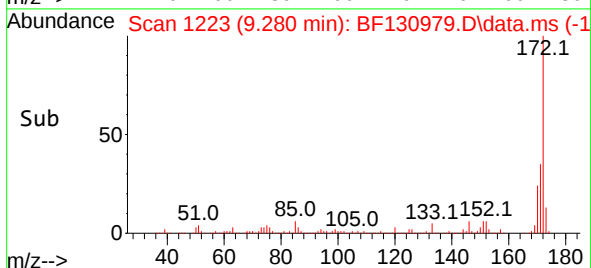
Reviewed By : Christian Giraldo 11/04/2022
Supervised By : Sohil Jodhani 11/04/2022

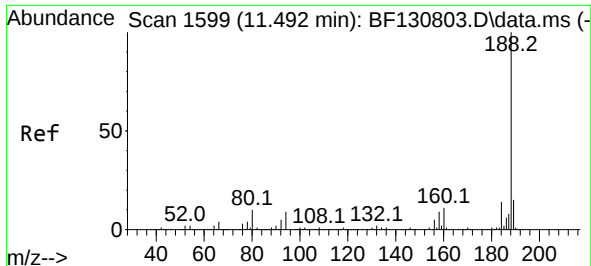


#45
2-Fluorobiphenyl
Concen: 70.384 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39



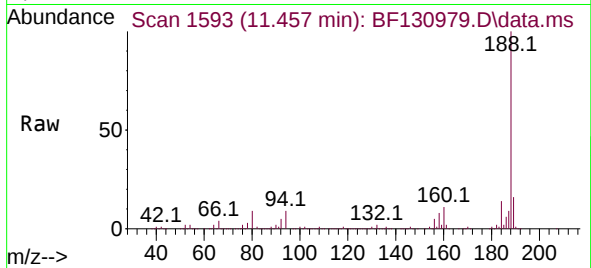
Tgt Ion: 172 Resp: 517540
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.7 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

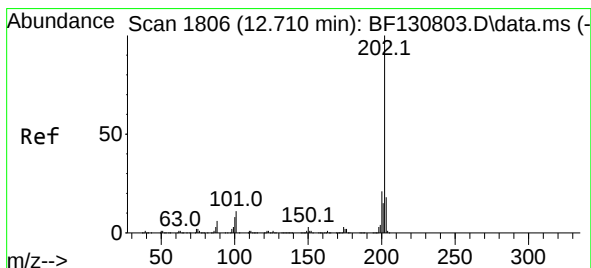
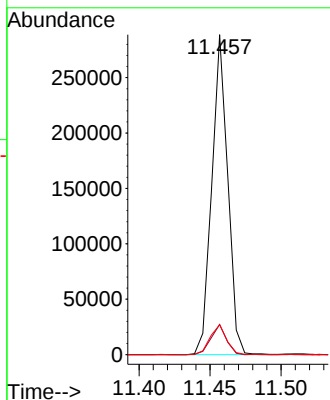
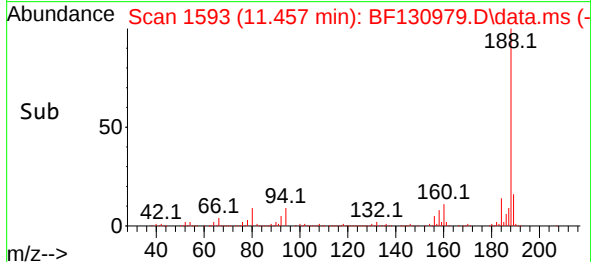
Instrument :
BNA_F
ClientSampleId :
TP-N



Tgt Ion:188 Resp: 225415
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.3 8.0 12.0

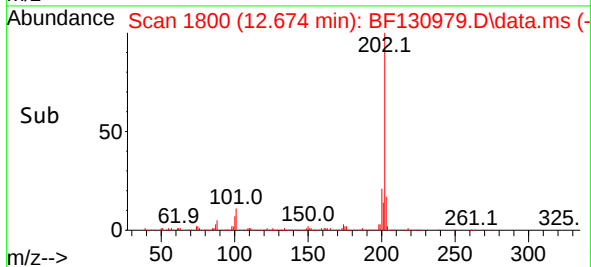
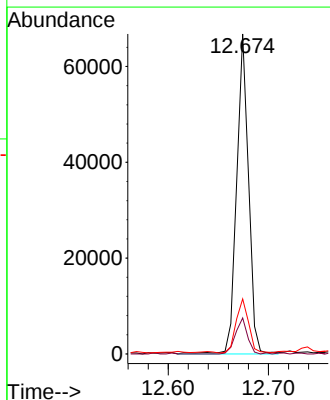
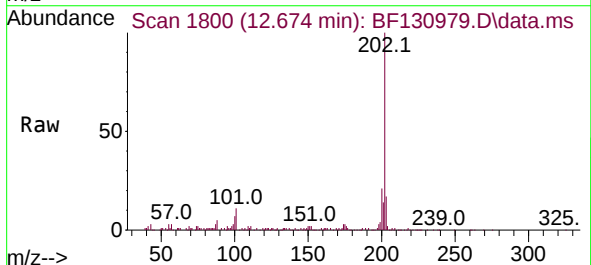
Manual Integrations
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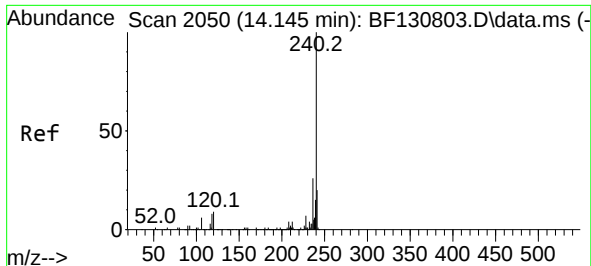
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#75
Fluoranthene
Concen: 4.443 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:202 Resp: 54923
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.9
203 17.2 0.0 37.7





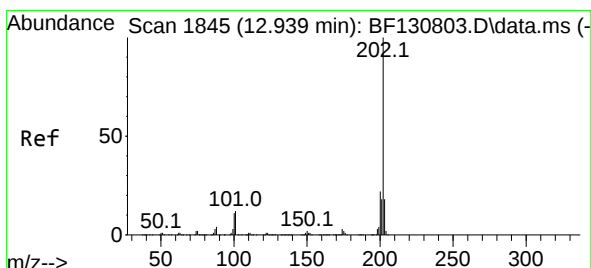
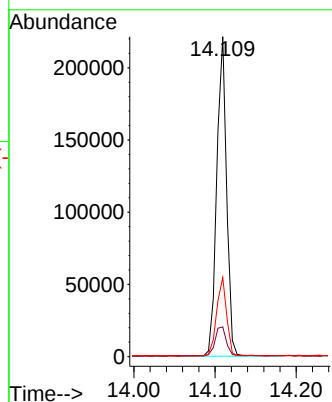
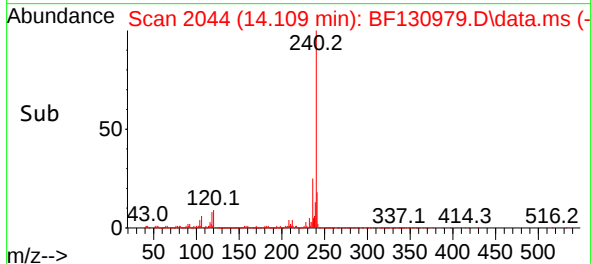
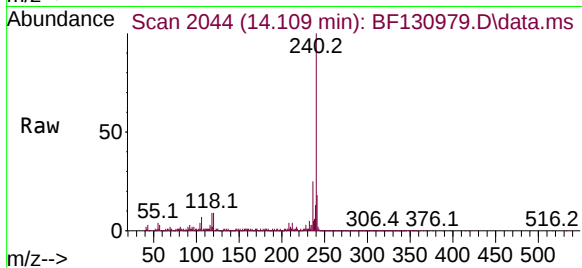
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Instrument :
BNA_F
ClientSampleId :
TP-N

Tgt Ion:240 Resp: 18684
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 24.7 20.5 30.7

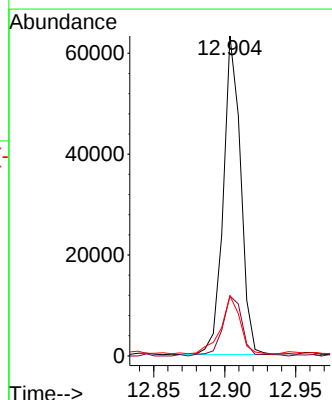
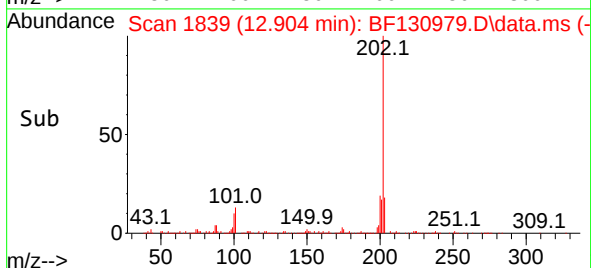
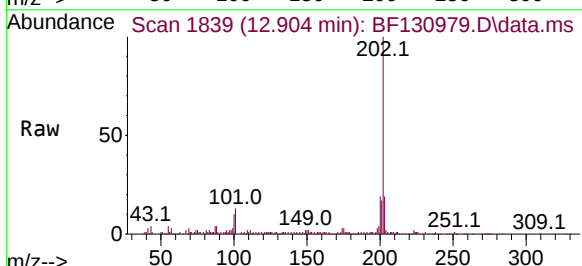
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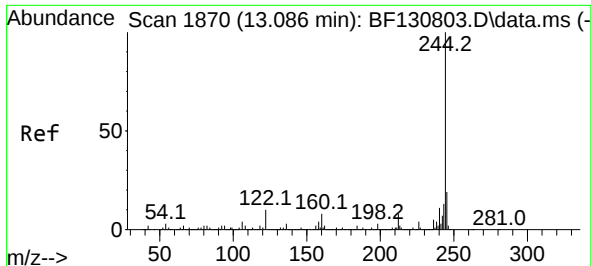
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#78
Pyrene
Concen: 3.403 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:202 Resp: 53638
Ion Ratio Lower Upper
202 100
200 18.7 17.2 25.8
203 18.8 14.5 21.7





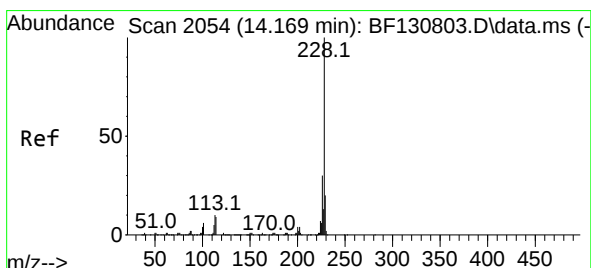
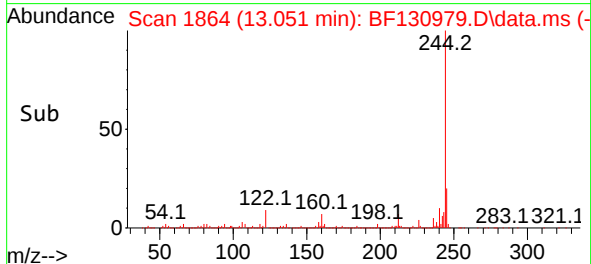
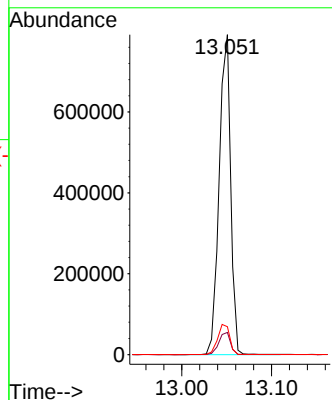
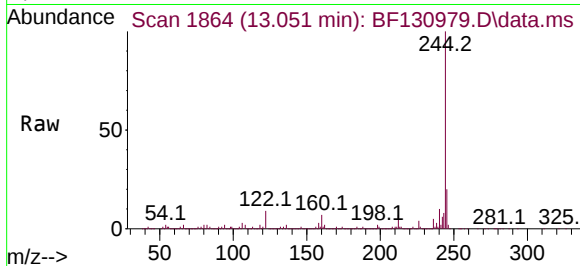
#79
 Terphenyl-d14
 Concen: 68.924 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF130979.D
 Acq: 04 Nov 2022 01:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-N

Tgt Ion:244 Resp: 702782
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.7 7.9 11.9

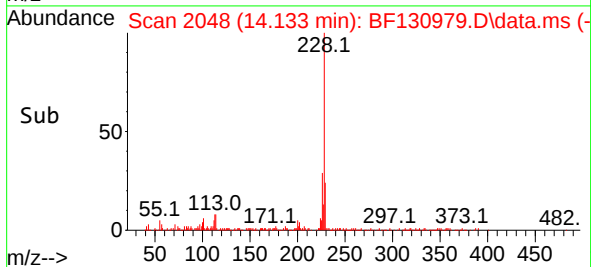
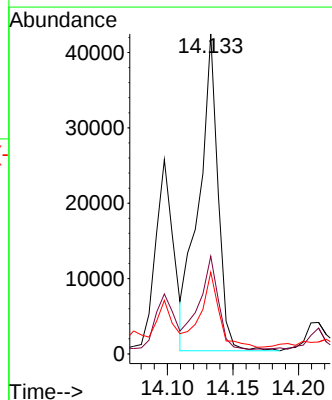
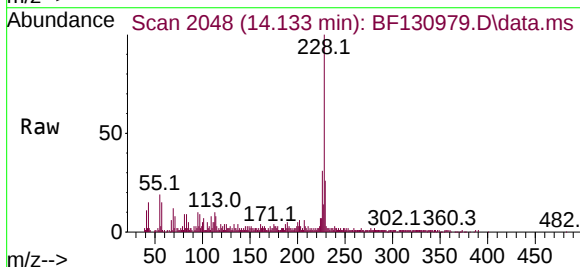
Manual Integrations
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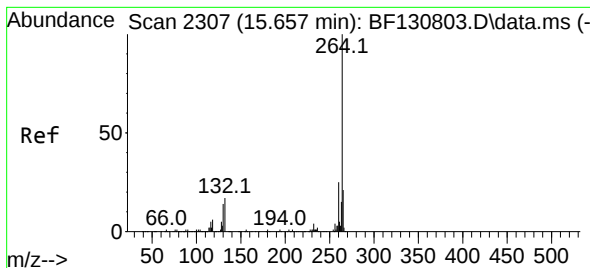
Reviewed By :Christian Giraldo 11/04/2022
 Supervised By :Sohil Jodhani 11/04/2022



#83
 Chrysene
 Concen: 3.578 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.000 min
 Lab File: BF130979.D
 Acq: 04 Nov 2022 01:39

Tgt Ion:228 Resp: 42752
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 25.5 15.8 23.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2307

Delta R.T. 0.012 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

Instrument :

BNA_F

ClientSampleId :

TP-N

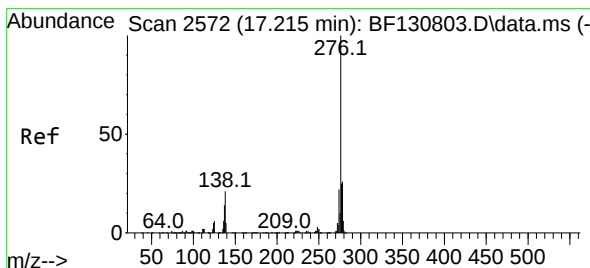
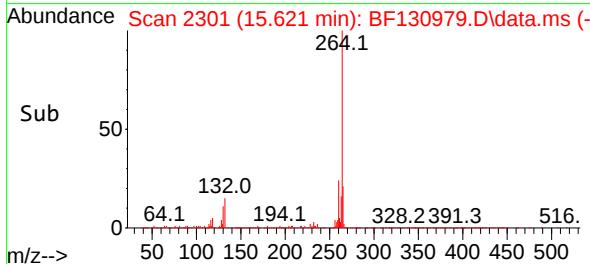
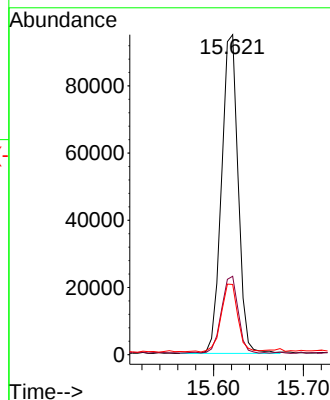
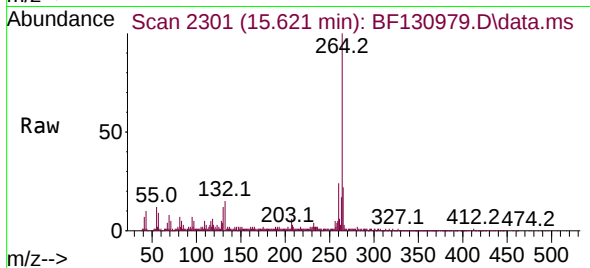
Tgt Ion:	264	Resp:	122045
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.9	29.9
265	21.9	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.410 ng

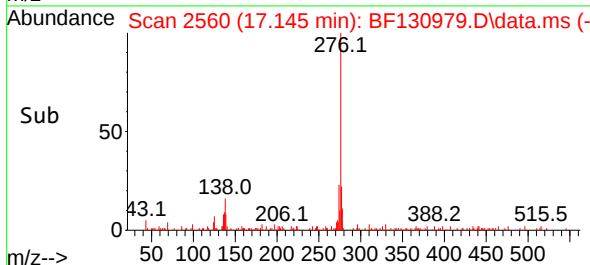
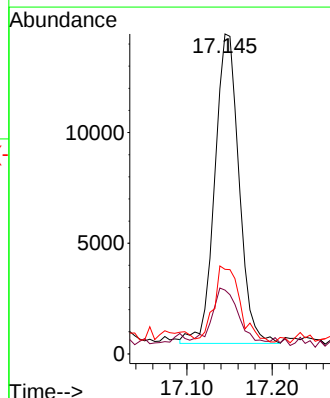
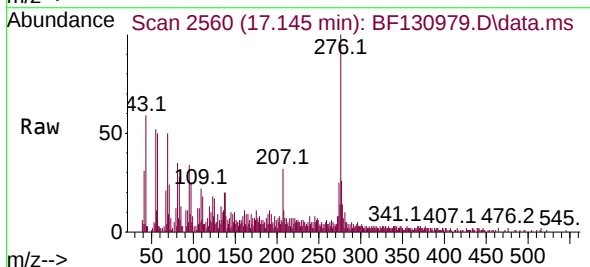
RT: 17.145 min Scan# 2560

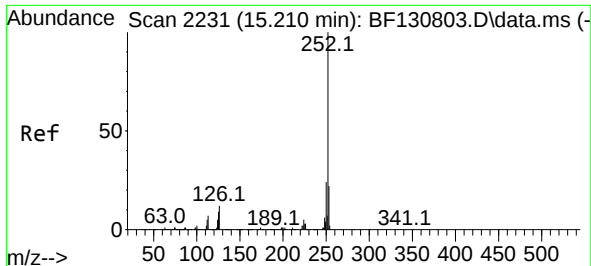
Delta R.T. -0.000 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

Tgt Ion:	276	Resp:	27636
Ion Ratio	Lower	Upper	
276	100		
138	18.0	19.1	28.7#
277	26.2	20.1	30.1





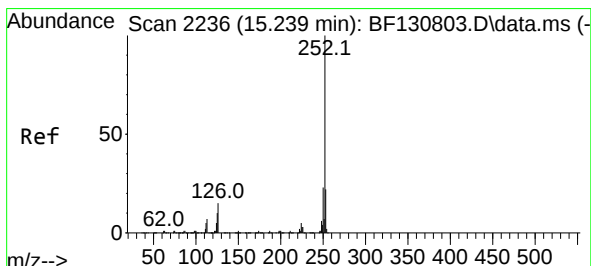
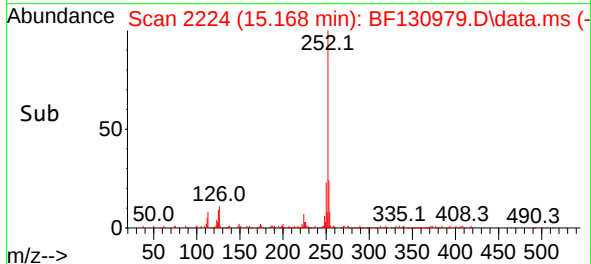
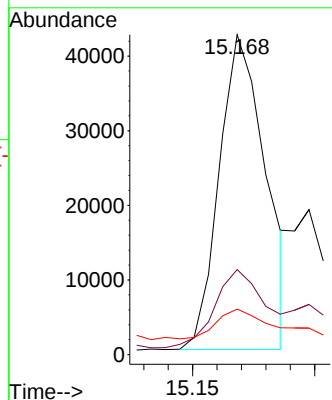
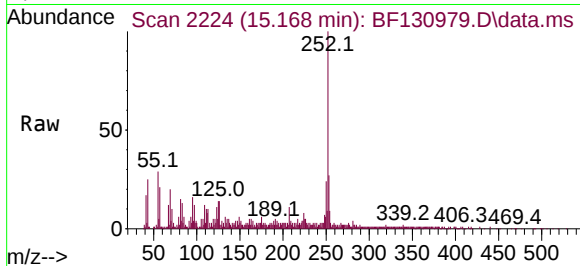
#88
Benzo(b)fluoranthene
Concen: 7.069 ng m
RT: 15.168 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Instrument :
BNA_F
ClientSampleId :
TP-N

Tgt Ion:252 Resp: 55769
Ion Ratio Lower Upper
252 100
253 26.6 17.5 26.3#
125 14.2 7.0 10.4#

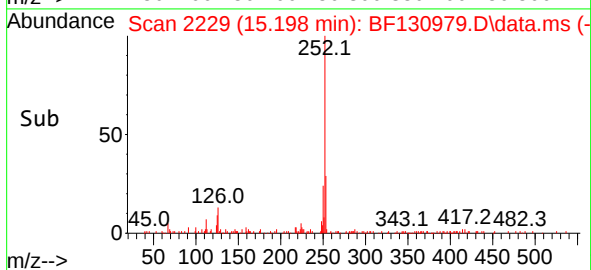
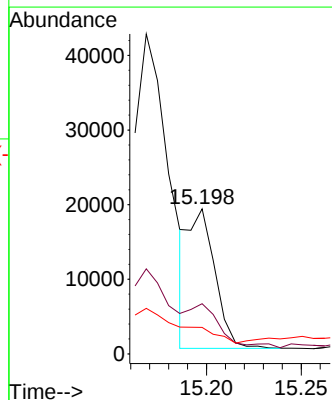
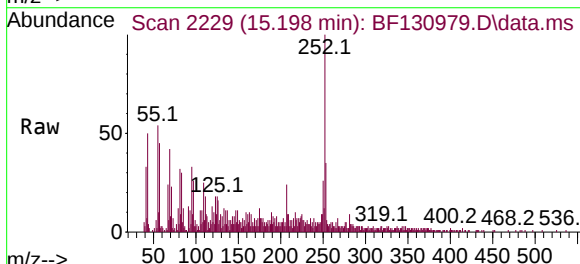
Manual Integrations
APPROVED

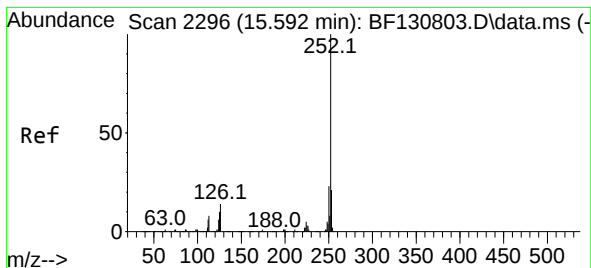
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#89
Benzo(k)fluoranthene
Concen: 2.368 ng m
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:252 Resp: 18208
Ion Ratio Lower Upper
252 100
253 34.6 17.5 26.3#
125 18.3 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 4.666 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

Instrument :

BNA_F

ClientSampleId :

TP-N

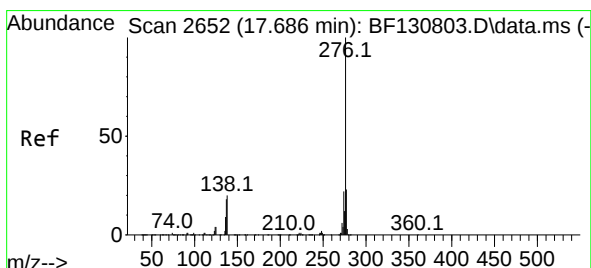
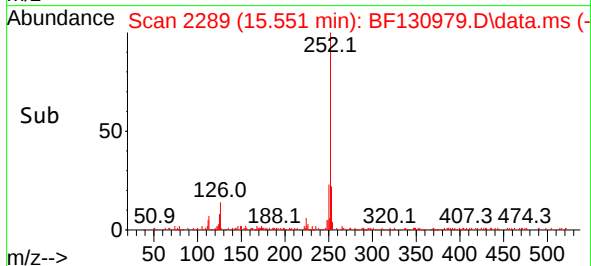
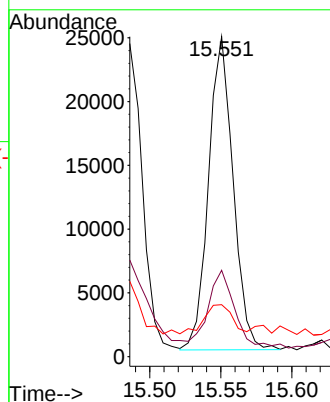
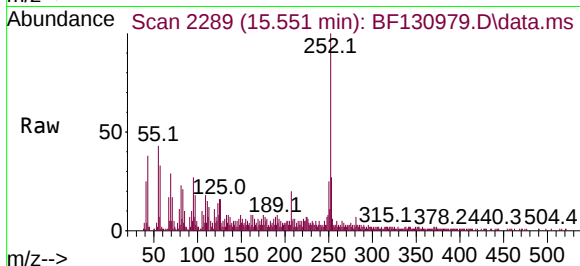
Tgt Ion:	252	Resp:	2959
Ion Ratio	Lower	Upper	
252	100		
253	27.0	16.8	25.2
125	16.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022



#92

Benzo(g,h,i)perylene

Concen: 4.514 ng

RT: 17.615 min Scan# 2640

Delta R.T. 0.006 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

Tgt Ion:	276	Resp:	30425
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.8	28.2
138	20.4	16.3	24.5

