

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128974.D
 Acq On : 24 Jun 2022 01:56
 Operator : CG\JU
 Sample : N3468-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

Quant Time: Jun 24 04:40:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/24/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	68441	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	246639	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	121265	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	180014	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	153114	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	117931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	443689	103.260	ng	0.00
7) Phenol-d6	6.387	99	549775	104.819	ng	0.00
23) Nitrobenzene-d5	7.298	82	380676	71.861	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	112872	78.777	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	687838	79.456	ng	0.00
79) Terphenyl-d14	12.839	244	571781	64.889	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	9.628	152	26761	2.518	ng	98
71) Phenanthrene	11.275	178	154568	17.119	ng	98
72) Anthracene	11.328	178	43471	4.864	ng	97
75) Fluoranthene	12.469	202	350391	37.125	ng	95
78) Pyrene	12.698	202	333122	29.243	ng	98
81) Benzo(a)anthracene	13.886	228	209075	21.906	ng	98
83) Chrysene	13.921	228	171886	18.890	ng	97
87) Indeno(1,2,3-cd)pyrene	16.751	276	73024	10.273	ng	# 90
88) Benzo(b)fluoranthene	14.927	252	210192m	27.893	ng	
89) Benzo(k)fluoranthene	14.945	252	70462m	9.940	ng	
90) Benzo(a)pyrene	15.274	252	137534	23.221	ng	97
91) Dibenzo(a,h)anthracene	16.745	278	20636	3.500	ng	# 88
92) Benzo(g,h,i)perylene	17.168	276	70451	12.057	ng	# 94

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

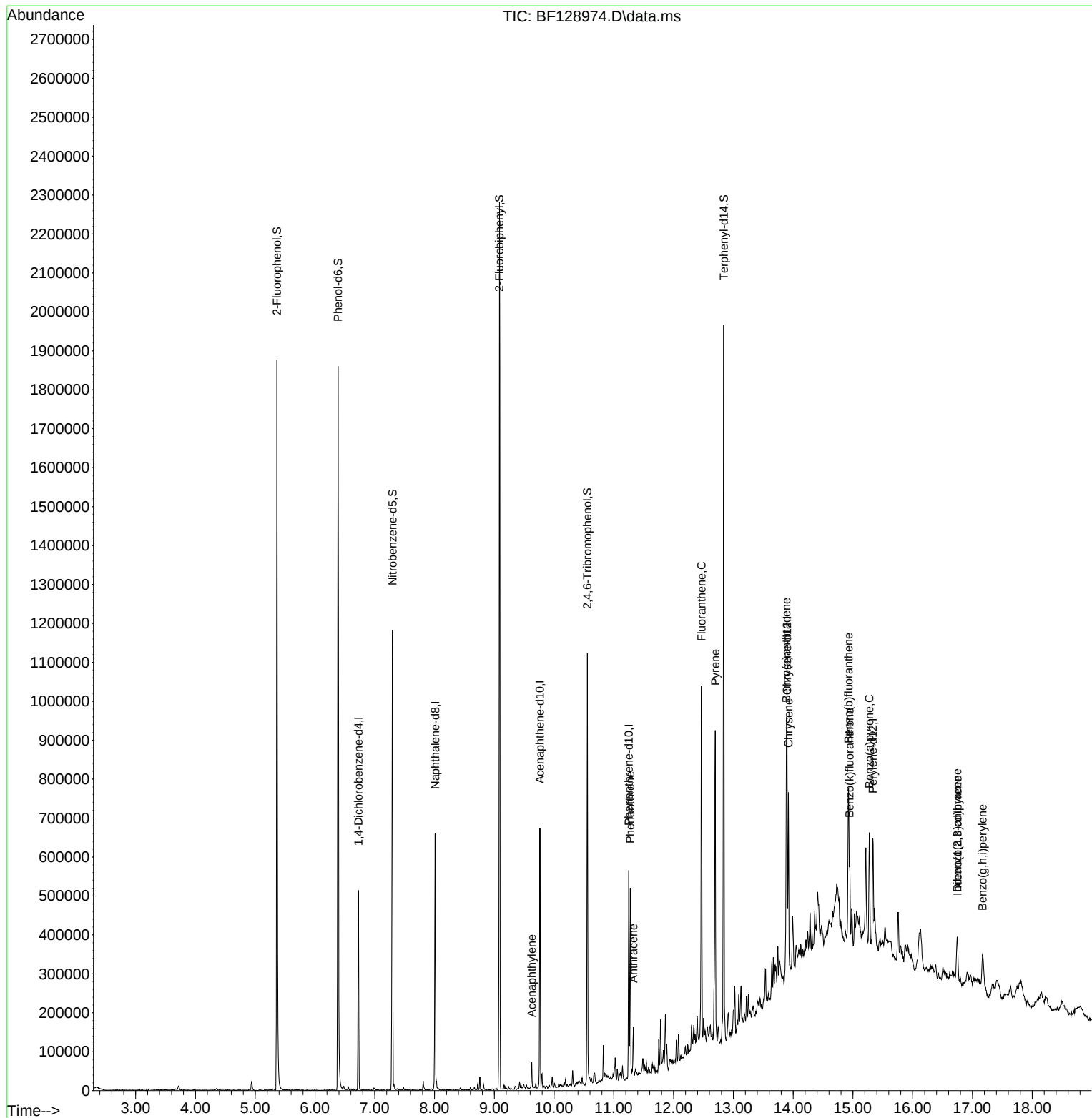
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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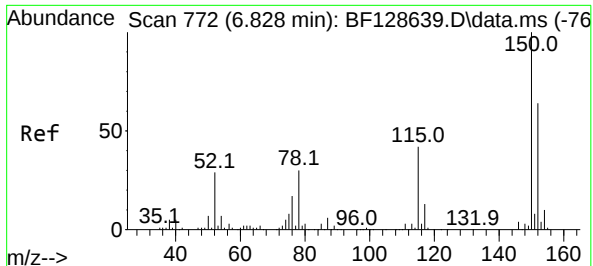
Instrument :
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XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

Quant Time: Jun 24 04:40:01 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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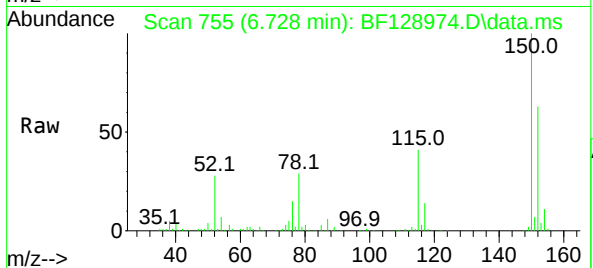
Reviewed By : Christian Giraldo 06/24/2022
Supervised By : Jagrut Upadhyay 06/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

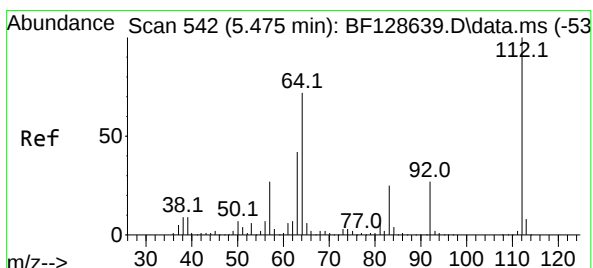
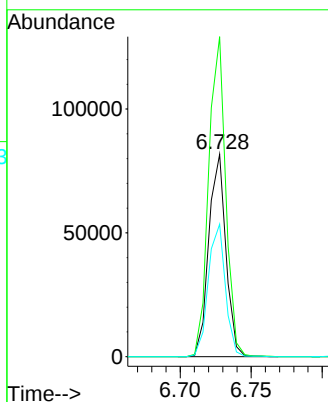
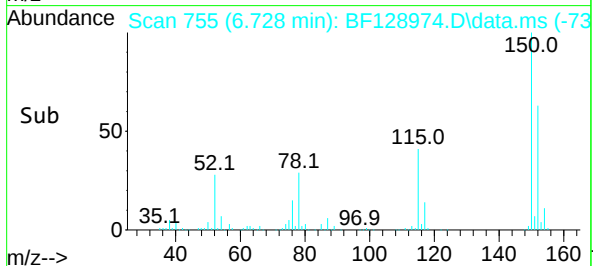
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



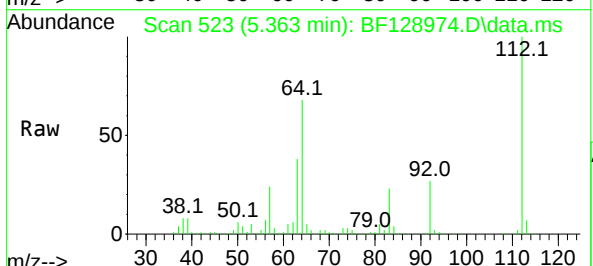
Tgt Ion:152 Resp: 6844
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 65.4 49.9 74.9

Manual Integrations
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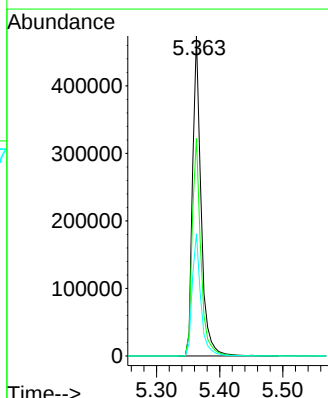
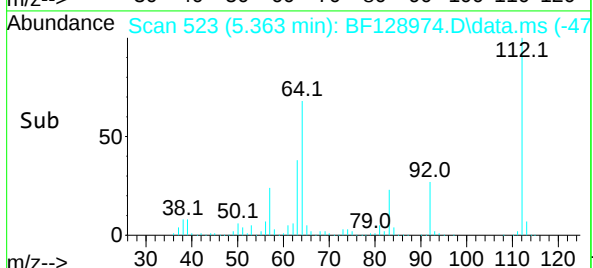
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#5
2-Fluorophenol
Concen: 103.260 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56



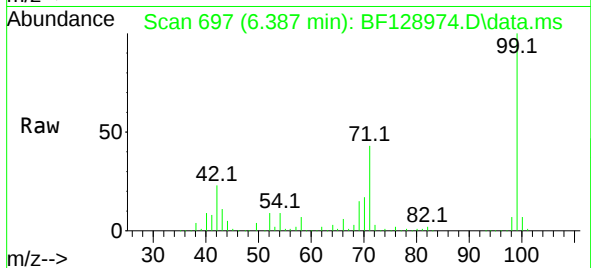
Tgt Ion:112 Resp: 443689
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.2 28.0 42.0





#7
Phenol-d6
Concen: 104.819 ng
RT: 6.387 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

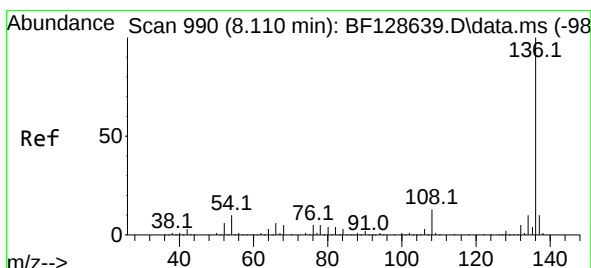
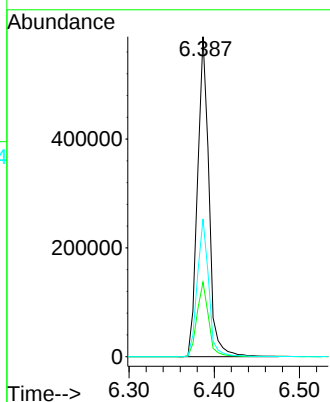
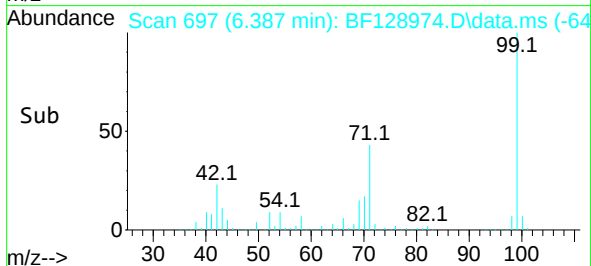
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



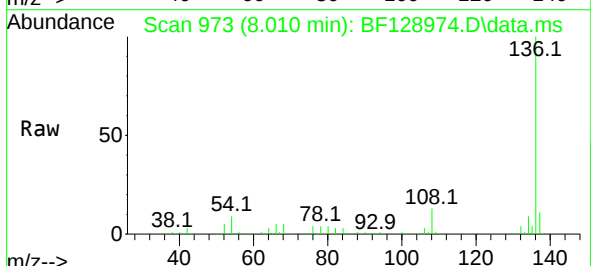
Tgt Ion: 99 Resp: 549775
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 43.1 28.9 43.3

Manual Integrations
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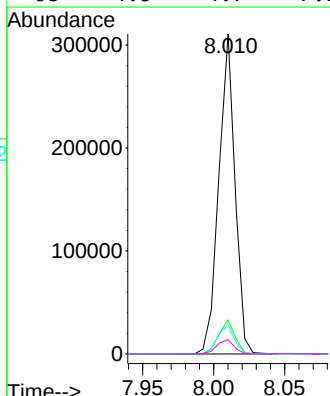
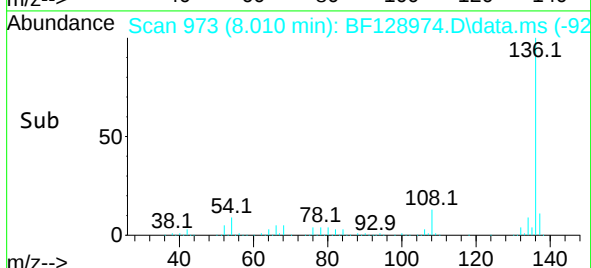
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56



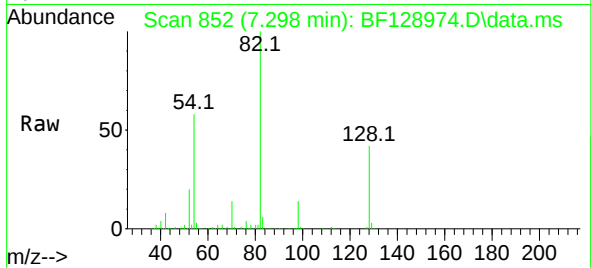
Tgt Ion:136 Resp: 246639
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.5 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 71.861 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

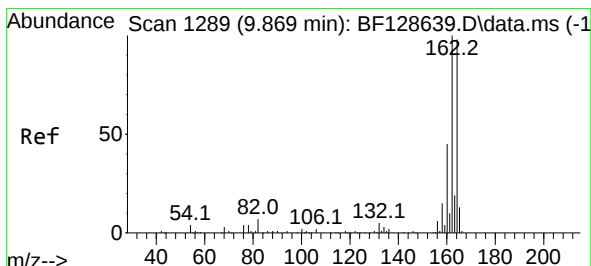
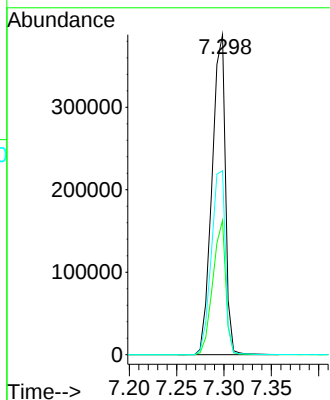
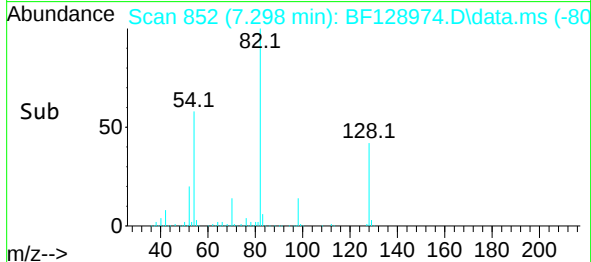
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion: 82 Resp: 380670
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 57.5 46.9 70.3

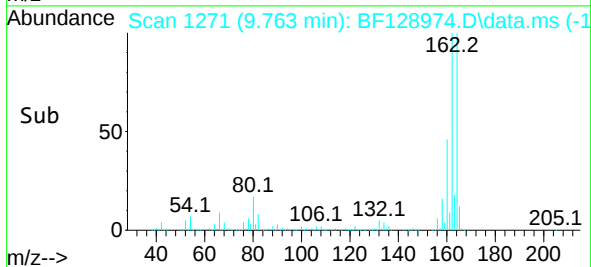
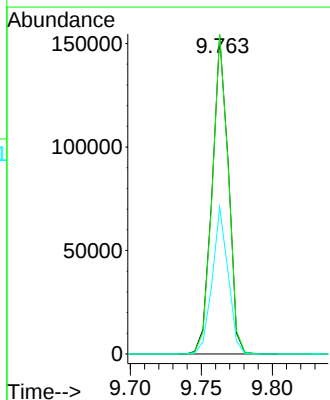
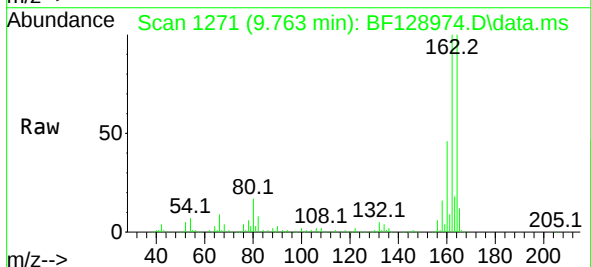
Manual Integrations
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Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:164 Resp: 121265
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 46.0 34.2 51.4





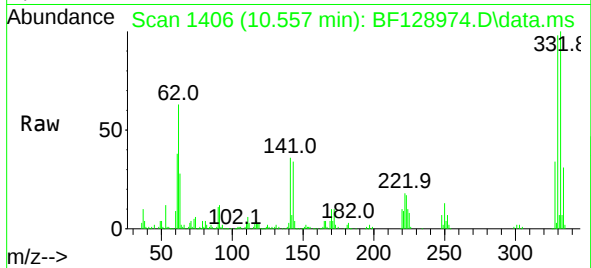
#42
2,4,6-Tribromophenol
Concen: 78.777 ng
RT: 10.557 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

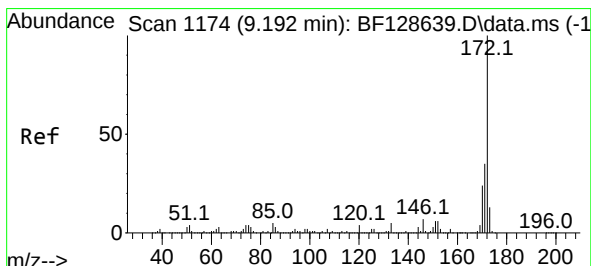
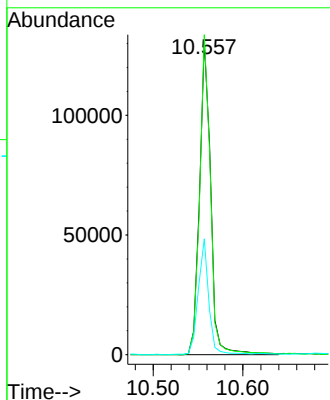
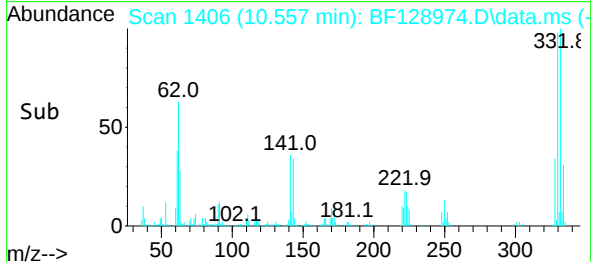


Tgt Ion:330 Resp: 112872
Ion Ratio Lower Upper
330 100
332 98.9 76.8 115.2
141 35.4 28.0 42.0

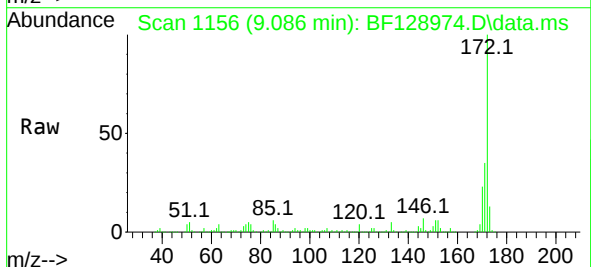
Manual Integrations

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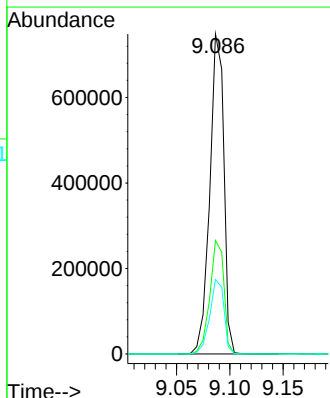
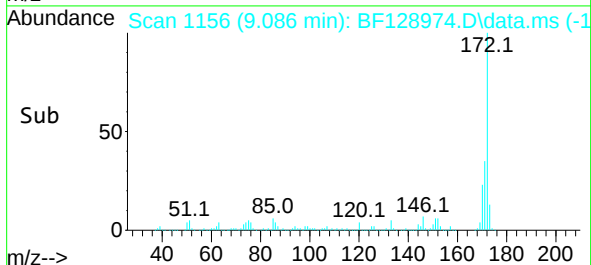
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

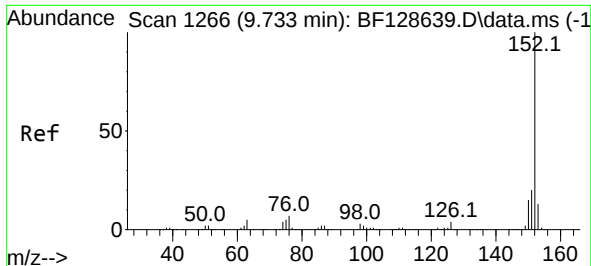


#45
2-Fluorobiphenyl
Concen: 79.456 ng
RT: 9.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56



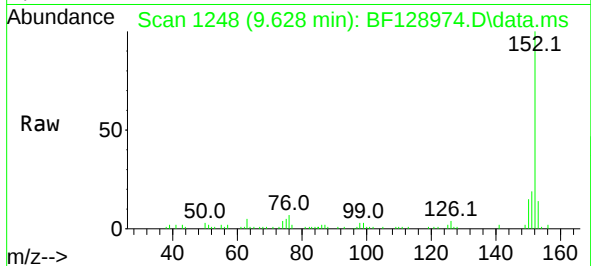
Tgt Ion:172 Resp: 687838
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.3 19.8 29.8





#49
Acenaphthylene
Concen: 2.518 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

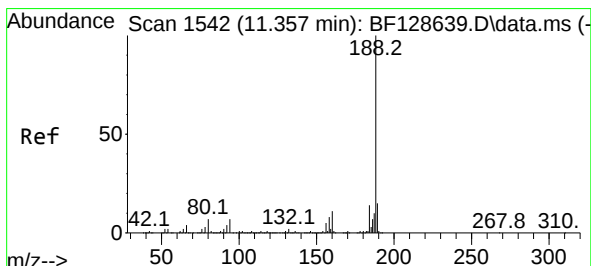
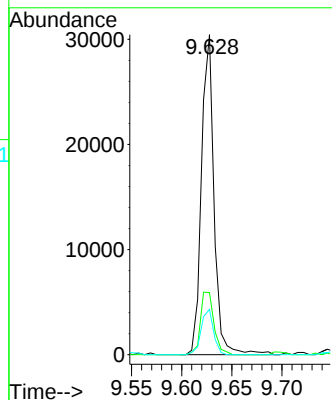
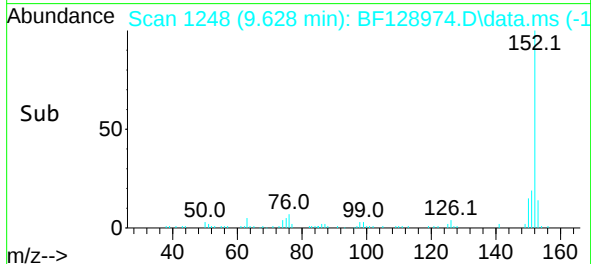
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:152 Resp: 2676
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 14.1 10.7 16.1

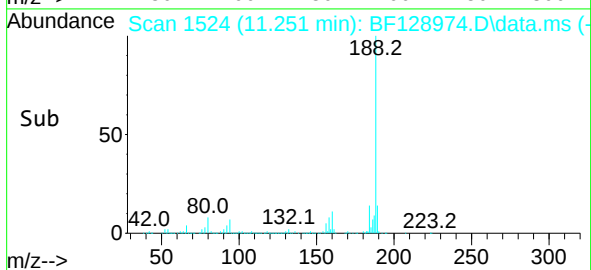
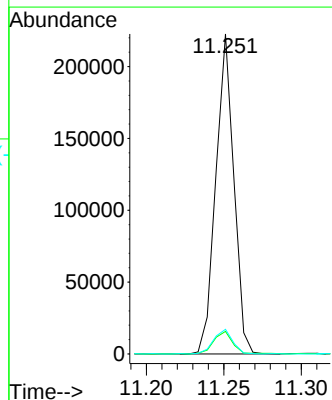
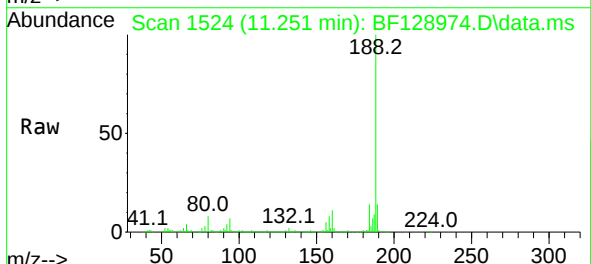
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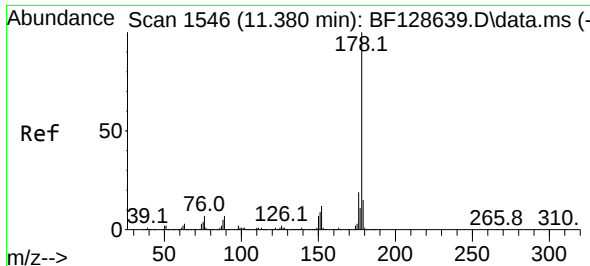
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

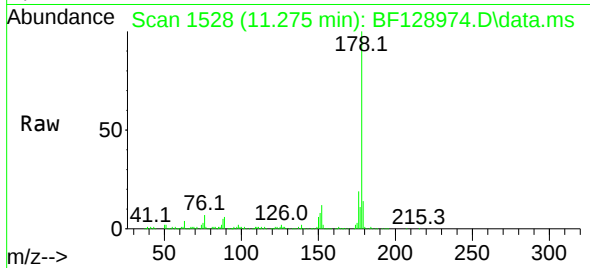
Tgt Ion:188 Resp: 180014
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.7 7.6 11.4





#71
Phenanthrene
Concen: 17.119 ng
RT: 11.275 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

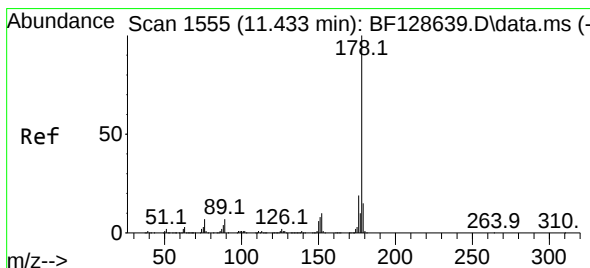
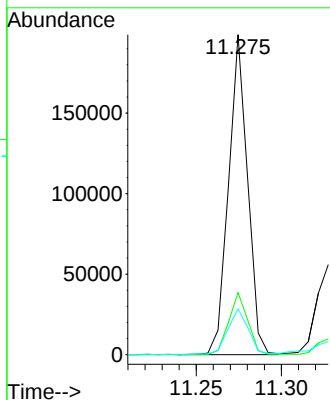
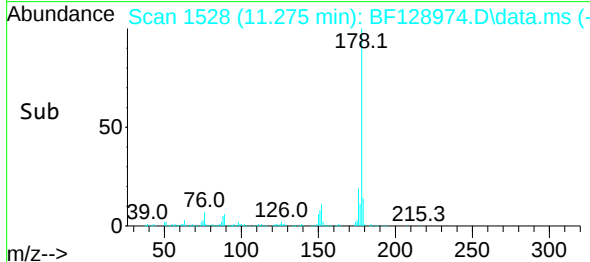
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XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:178 Resp: 154568
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 14.3 12.6 19.0

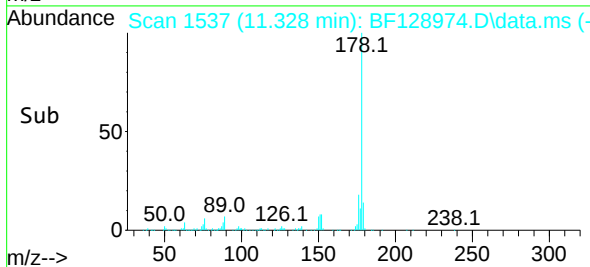
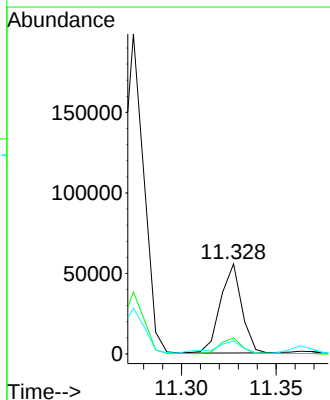
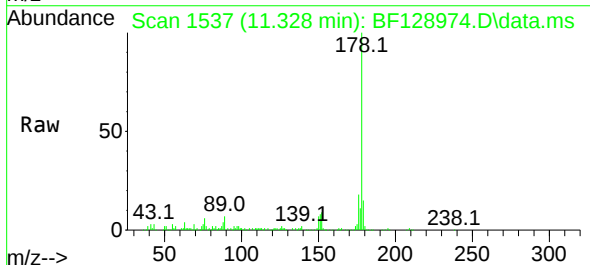
Manual Integrations
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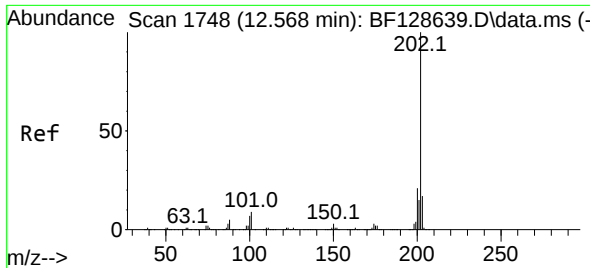
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#72
Anthracene
Concen: 4.864 ng
RT: 11.328 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

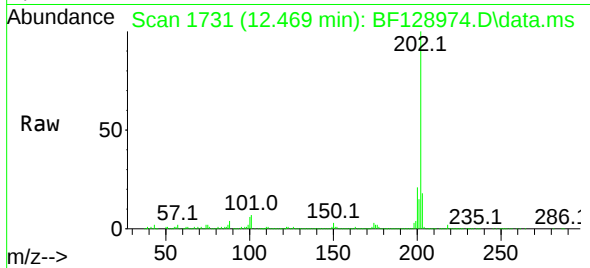
Tgt Ion:178 Resp: 43471
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.2
179 14.6 12.6 19.0





#75
Fluoranthene
Concen: 37.125 ng
RT: 12.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

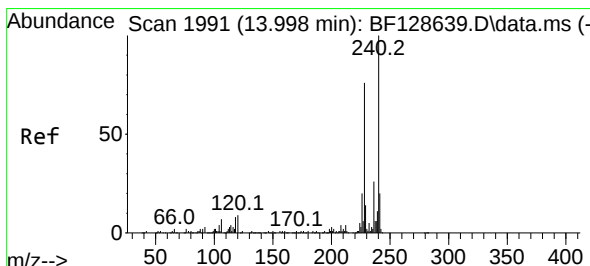
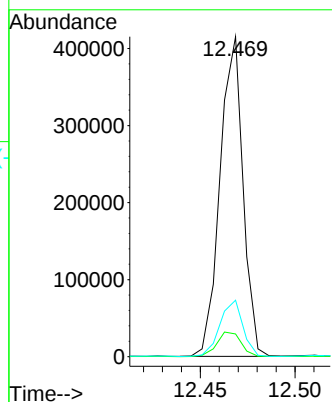
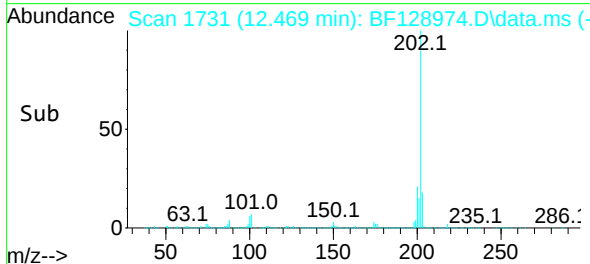
Instrument : BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:202 Resp: 35039
Ion Ratio Lower Upper
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101 7.1 0.0 31.4
203 17.6 0.0 38.0

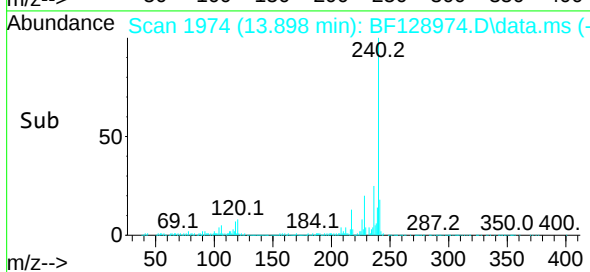
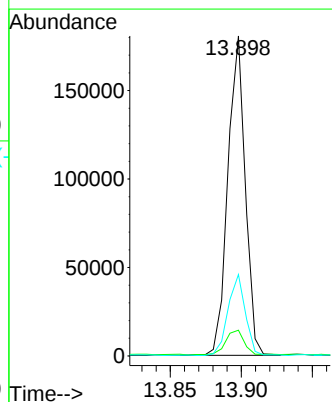
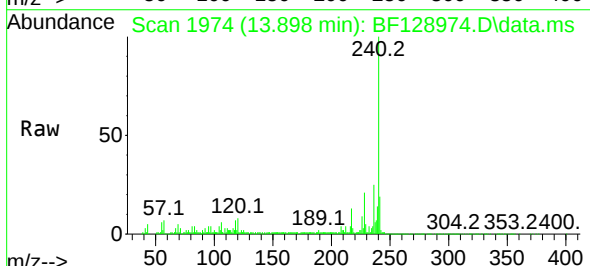
Manual Integrations
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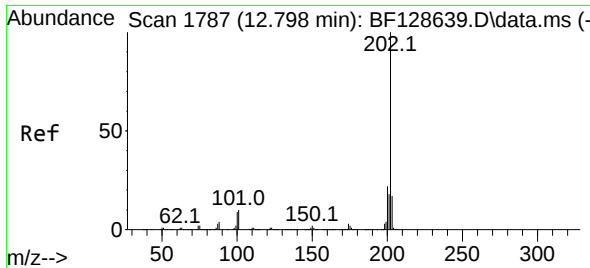
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

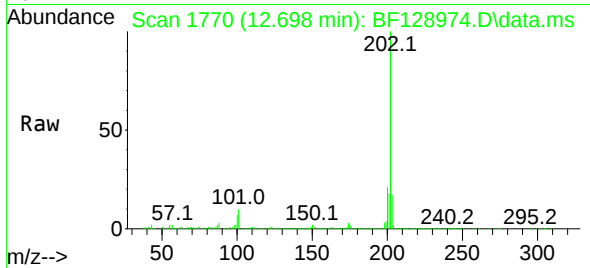
Tgt Ion:240 Resp: 153114
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.5 20.8 31.2





#78
Pyrene
Concen: 29.243 ng
RT: 12.698 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

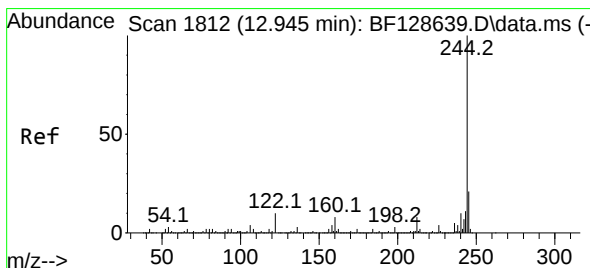
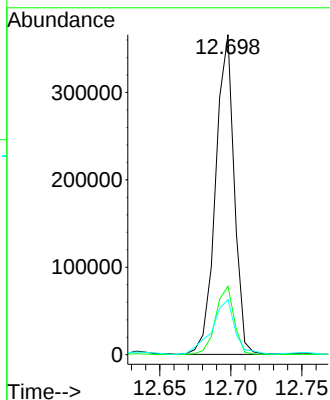
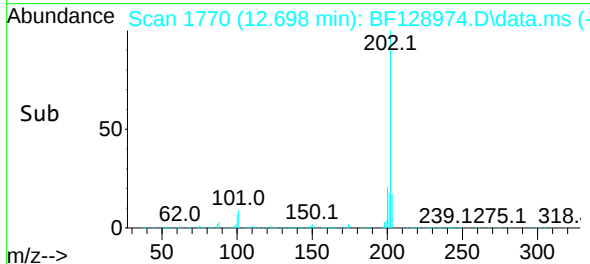
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:202 Resp: 33312
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.2 14.6 21.8

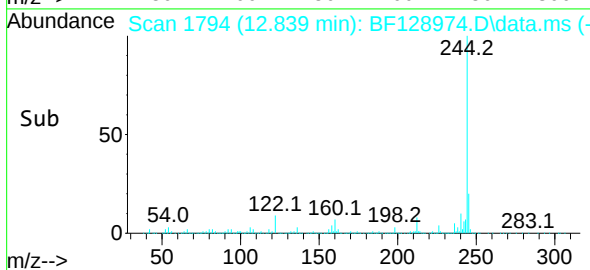
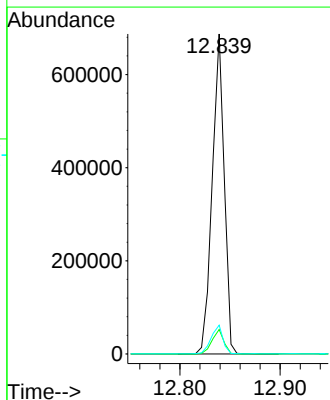
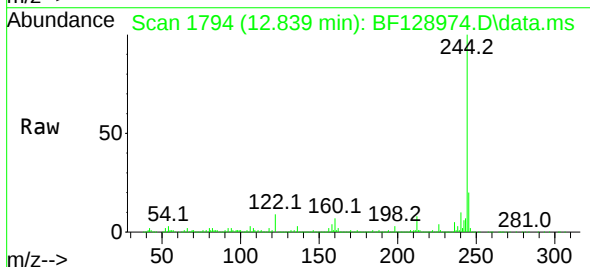
Manual Integrations
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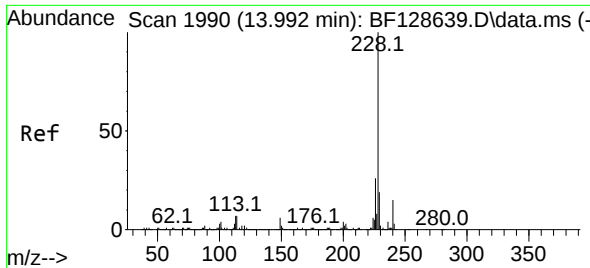
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#79
Terphenyl-d14
Concen: 64.889 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

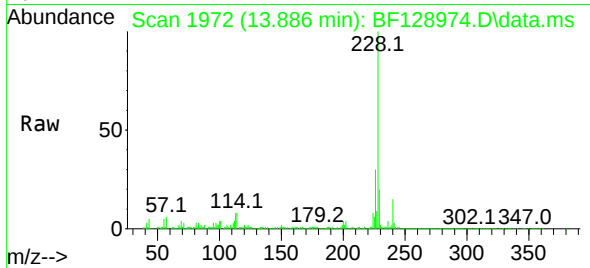
Tgt Ion:244 Resp: 571781
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.0 8.8 13.2





#81
Benzo(a)anthracene
Concen: 21.906 ng
RT: 13.886 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

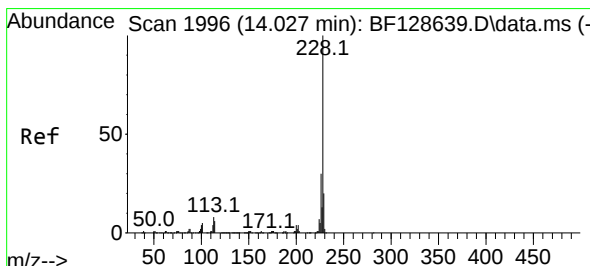
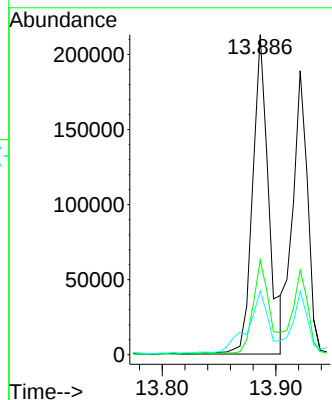
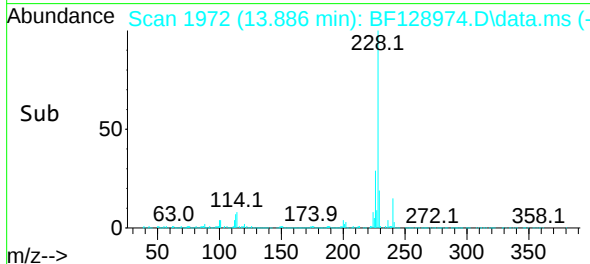
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:228 Resp: 209075
Ion Ratio Lower Upper
228 100
226 29.6 22.1 33.1
229 20.0 15.8 23.8

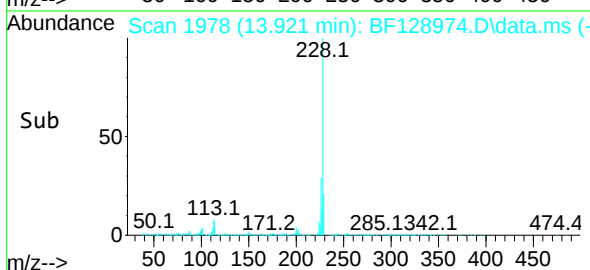
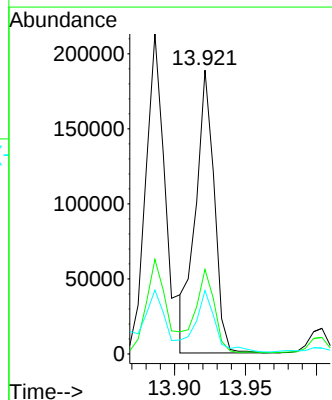
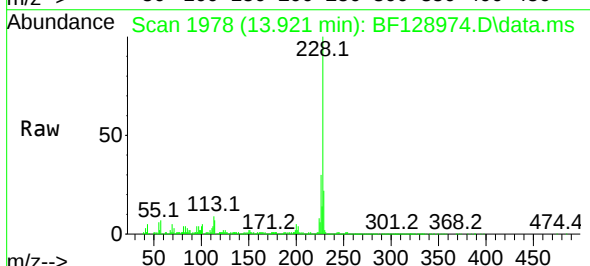
Manual Integrations
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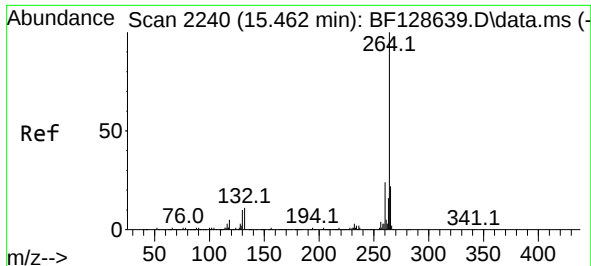
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#83
Chrysene
Concen: 18.890 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:228 Resp: 171886
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.3 15.9 23.9





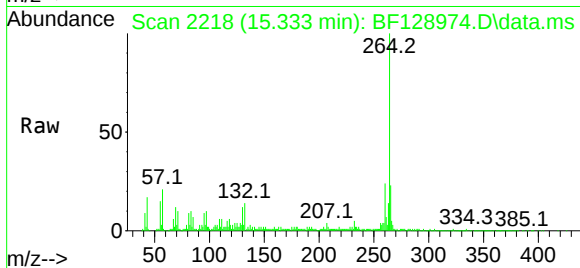
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.333 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

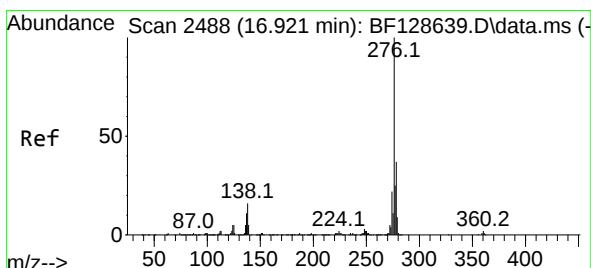
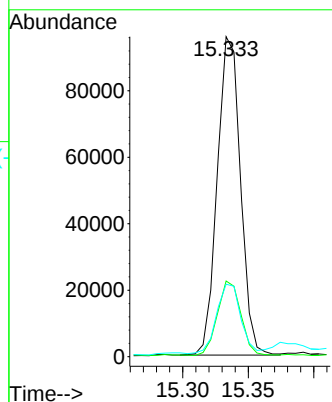
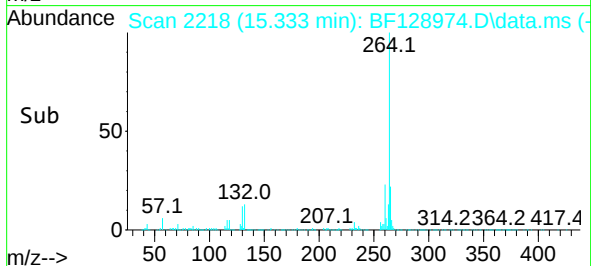


Tgt Ion:264 Resp: 11793
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.6 17.2 25.8

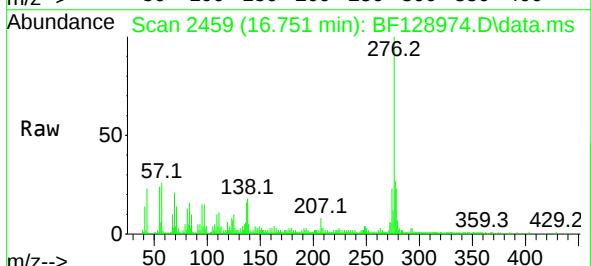
Manual Integrations

APPROVED

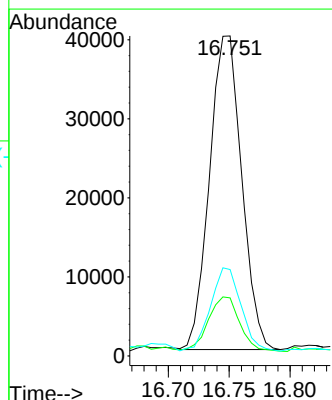
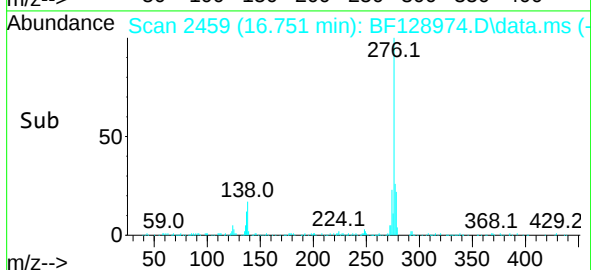
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

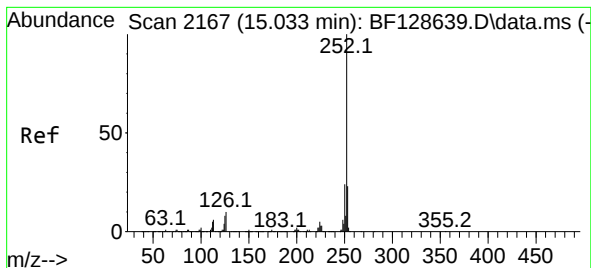


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.273 ng
RT: 16.751 min Scan# 2459
Delta R.T. 0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56



Tgt Ion:276 Resp: 73024
Ion Ratio Lower Upper
276 100
138 17.0 21.1 31.7#
277 25.1 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 27.893 ng m

RT: 14.927 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF128974.D

Acq: 24 Jun 2022 01:56

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

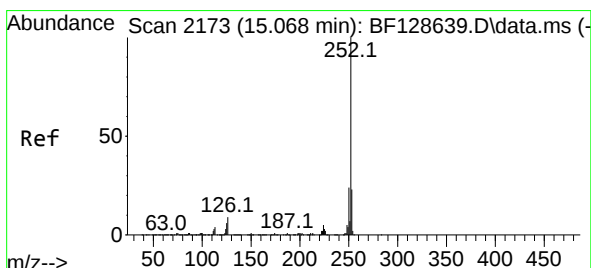
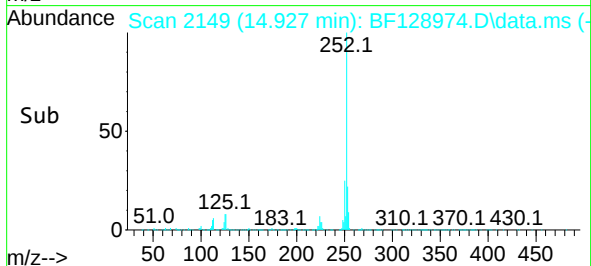
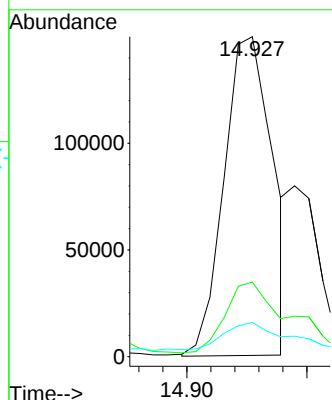
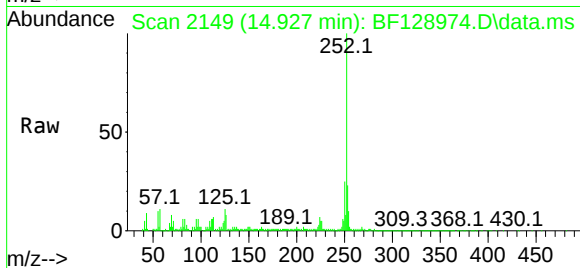
Tgt Ion:252 Resp: 210192

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.7	8.0	12.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#89

Benzo(k)fluoranthene

Concen: 9.940 ng m

RT: 14.945 min Scan# 2152

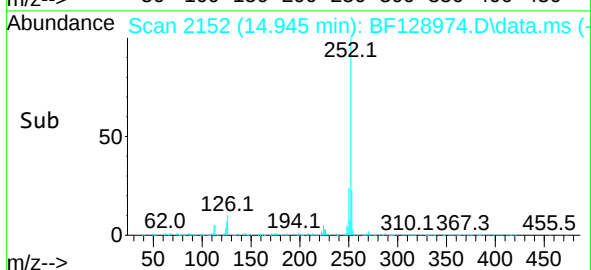
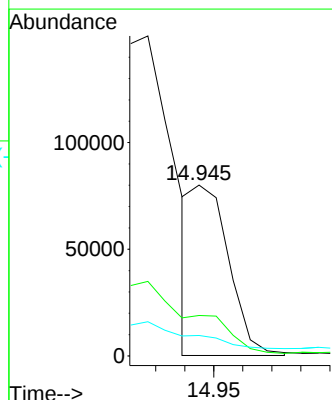
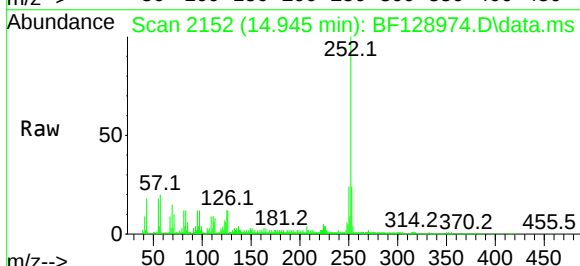
Delta R.T. -0.006 min

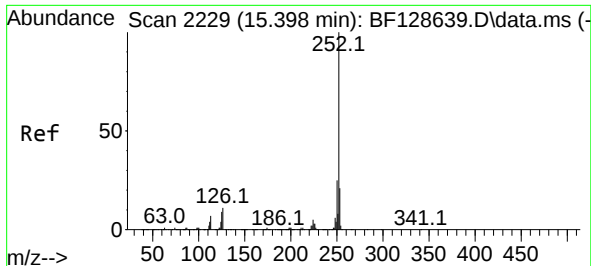
Lab File: BF128974.D

Acq: 24 Jun 2022 01:56

Tgt Ion:252 Resp: 70462

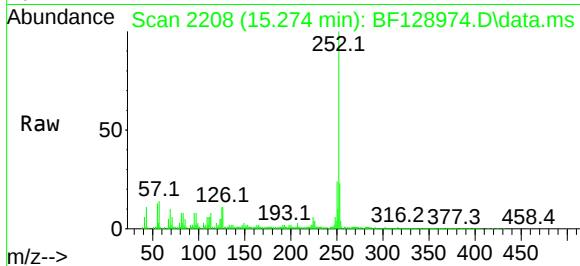
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	12.0	8.3	12.5





#90
Benzo(a)pyrene
Concen: 23.221 ng
RT: 15.274 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

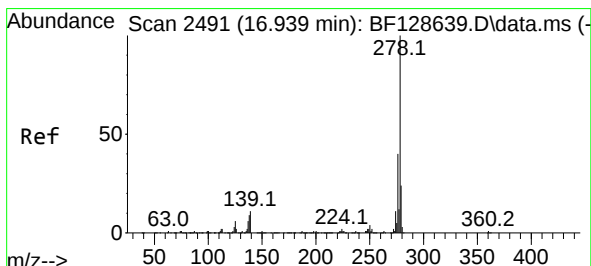
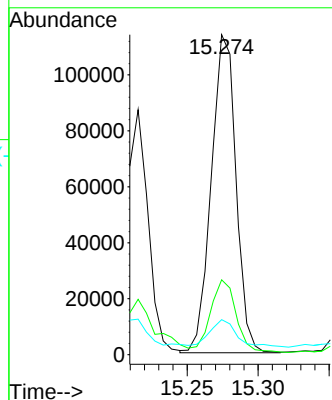
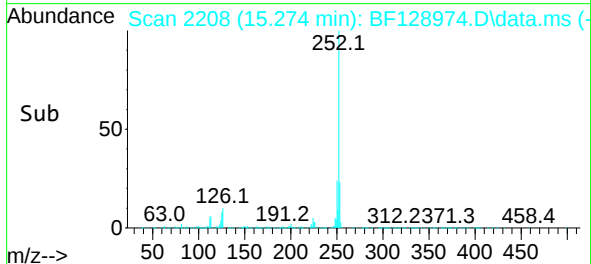
Instrument : BNA_F
Client Sample Id :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



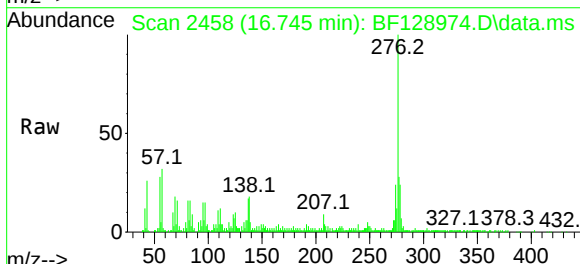
Tgt Ion: 252 Resp: 137534
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 11.0 8.8 13.2

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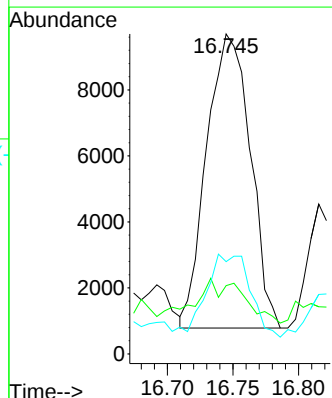
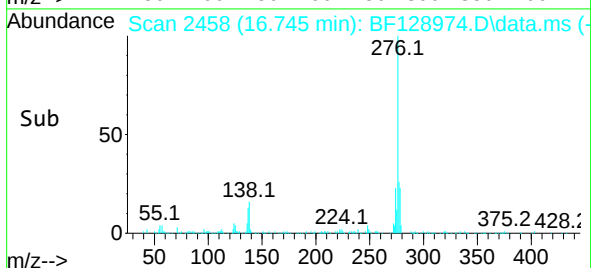
Reviewed By : Christian Giraldo 06/24/2022
Supervised By : Jagrut Upadhyay 06/28/2022

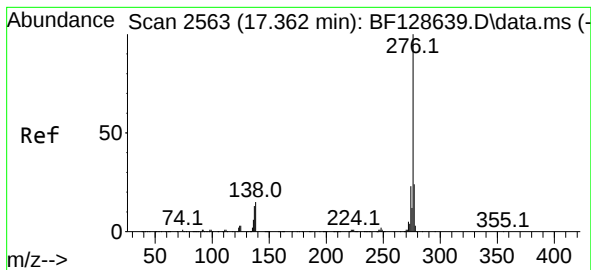


#91
Dibenzo(a,h)anthracene
Concen: 3.500 ng
RT: 16.745 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56



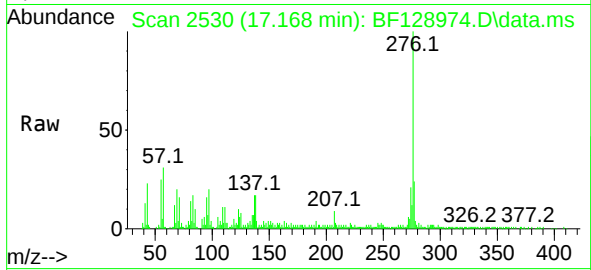
Tgt Ion: 278 Resp: 20636
Ion Ratio Lower Upper
278 100
139 21.4 12.8 19.2#
279 28.9 18.6 28.0#





#92
Benzo(g,h,i)perylene
Concen: 12.057 ng
RT: 17.168 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



Tgt Ion:276 Resp: 7045
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 16.7 18.0 27.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

